



Here's another outstanding achievement in modern amusement equipment so typical of Allan Herschell's traditional leadership in streamlined styling, advanced design and engineering know-how. The totally different post-war model of the LOOPER has quickly skyrocketed to surprising profit and popularity levels. This new model provides a passenger operating feature that instantly proves popular. Portable, easily erected and disassembled.

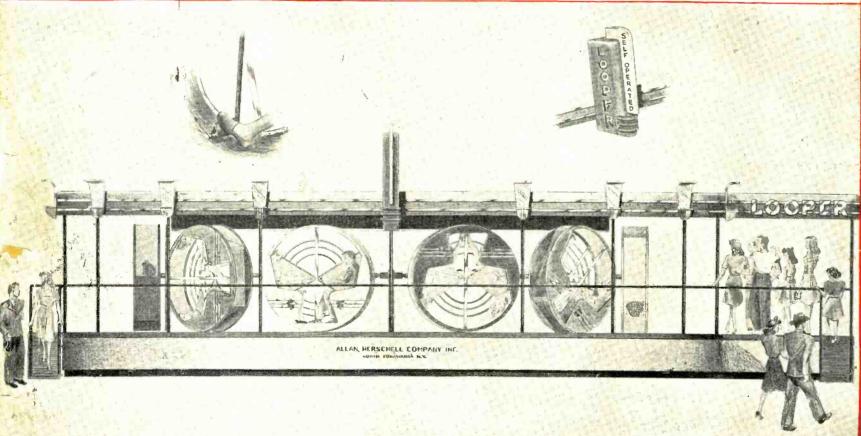
CARROUSELS For years a marvelous money-maker, the CARROUSELS now hold greater profit-producing possibilities than ever . . . thanks to Allan Herschell's NEW models. Streamlined design, simplified operation, maintenance ease and unusual portability are but a few of their features.

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> SEND FOR YOUR FREE COPY OF OUR NEW 1947 CATALOG



Allan Herschell Company, Inc. NORTH TONAWANDA, N. Y.

Billboard OUTDOOR EQUIPMENT REVIEW

Supplement to the Spring Special Edition MARCH 29, 1947

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NEW RIDES A REALITY!

RIDE MANUFACTURERS, true to K their word, are bringing out something new this year, but, of course, there aren't enough new ideas and new gadgets to satisfy the appetites of carnival and park owners. Each concern has to come up with three or four new rides each year before all hands are satisfied, is the way one manufacturer put it, but most showmen know what we've been thru in the way of shortage of material, labor problems etc. and material, labor problems, etc., and are thankful that at least a few new rides will show on the market this year.

During the war, potential ride buy-ers knew there was nothing to be done about replacing an old ride, not to speak of an entirely new one. But once the war was over they figured manufacturers would be able to put manufacturers would be able to put the wheels in motion to make new amusement devices. However, mate-rial shortages and labor troubles proved too much of a hurdle and carnival and park men were satis-fied if they could just get new parts for various rides.

In an attempt to find out just how many new rides will make their apmany new rides will make their ap-pearance this year, what the price situation will be; what, if any, changes will be made in the stable rides already on the market etc., *The Billboard* sent out a questionnaire to ride manufacturers.

Five New Devices

The response, everything consid-ered, was good, and the story in a nutshell is this: There will be at least five new rides, rides that never have been on the market before; the old standby rides will have various im-provements, some from the technical standpoint, some from the outward appearance and some just from the size angle; the cost, in most cases, will be a trifle higher this year; some materials are still hard to get; that 1948 will see even more new ideas in the ride field coming onto the mar-ket and that new kiddie rides dominate the "what's new with rides this year" subject.

Western Jeep New

First let's look into the new de-vices. The Vernon L. Springer In-dustries, of Spokane, this year for the first time is manufacturing a

'47 debut set for 5 devices-costs rise, with some material hard to get

By HANK HURLEY

Regarding the concern's other two rides, the Western Rocket Ride and Western Air Thriller Kiddie Ride, Springer lists, in the changes or improvements in rides previously man-ufactured column, the use of more aluminum as the major change or improvement.

"Having a large aluminum plant in Spokane simplifies the problem of getting such aluminum," Springer wrote.

Like all the other manufacturers, the Springer Industries has no dearth of customers for its products. The firm is sold out for March and is working on orders for May delivery

working on orders for May delivery to parks, Springer said. Steel, both tubing and angle, is a problem which isn't helping produc-tion at the Springer plant. They are experiencing some difficulty in get-ting steel, but the supply situation has greatly improved over a year ago and that in itself is something, Springer says, "Tho materials are higher this year, we have not in-creased the price of our rides."

Gerlinger Builds One

Carl A. Gerlinger, of the Salem Iron Works, Salem, Ore., writes of the new ride being put out by that concern. Let him tell his own story: "This is a flat ride consisting of four boots and four tube ach unit

four boats and four tubs, each unit accommodating four adults, thus pro-viding a total capacity of 32 adults. An optional equipment, it may be furnished with either eight boats or eight tubs or any other desired combination. Being a flat ride and built close to the ground, the problem of rapid loading and unloading is simplified.

"The boats and tubs run on a circular track, which is arranged in such a manner as to cause the boats to

Western Jeep Kiddie Ride which will sell for between \$1,800 and \$1,950, Springer says. Regarding the concern's other two travel upon the irregular rails.

Needs 58-Foot Circle

"The over-all space required for the ride, including the fence, is a 58-foot diameter circle. The diameter of the track, from center to center of the outer rail, is 46 feet. The over-all height of the tower is approximately 22 feet from the ground.

"The boats and tubs are propelled by horizontal sweeps which hinge from a center plate secured to a vertically mounted shaft. This shaft is driven by either an electric motor or a gas engine equipped with suitable reduction gears and clutch. The drive mechanism is concealed under a decorative head which also provides storage space for miscellaneous

"The ride is brightly decorated with lights and bright colors. The tower provides means of giving eye appeal. "The entire ride is exceptionally

dismantle being secured with either pins or wedges, thus eliminating the use of bolts and nuts in these parts. With the exception of the power unit, which may be loaded with a winch, no part or section will exceed 250 pounds in weight.

pounds in weight. "There is no extensive preparation of the ground required. The only leveling necessary is a small area for the center drive. "The entire ride may be trans-ported on one semi-trailer. Total weight will not exceed eight tons." The Salem Iron Works, Gerlinger said, is in production now with this new amusement device and de-

new amusement device and de-liveries are being made.

Norman Bartlett, Florida manufac-turer, who says he is "coming out "coming out

with a new ride before my last effort is safely out of the hope chest be-cause operators want and need new rides before this synthetic million-aire age blows up in our face, leaving ride operators without enough novelty value and appeal to attract scarcer spending money," has no name for his new creation but will conduct a contest at Coney Island for a name.

Continuing with his comments on the new ride, Bartlett said: "For this reason (because ride operators need new rides before this millionaire age blows up), I am working 'all out' to test a new ride six weeks from today (his letter was written February 11). If tests are satisfactory, a permanent ride, owned by Kyrimes & Bartlett, will go to Jimmy Kyrimes Bowery Park, Coney Island, New York, and may be seen in operation there in May. The first super-size portable ride will go to Floyd Gooding for use at big dates. July should see this ride in action."

Salient Features

Listing the points of interest of his ride, Bartlett gives with: 32 passengers ... simultaneous loading and unloading ... two to two-and-one-half-minute cycle when busy different enough not to conflict with any thrill ride ever built ... ride will be built in two sizes ... the super 32-passenger ride and the regular 24-passenger ride . . . all mate-rials are purchased or on order for the first three rides which have been sold and which should be in opera-tion in July . . the super-size ride will be built and sold exclusively by Norman Bartlett, and the popular size, 24-passenger model, will be proved and in production for 1948 delivery by one of the largest manufacturers of amusement rides.

Regarding the price of his new ride, Bartlett says that hasn't been decided. On the price of his other rides, the Florida manufacturer says he expects a small increase.

Kiddie Flying Scooter

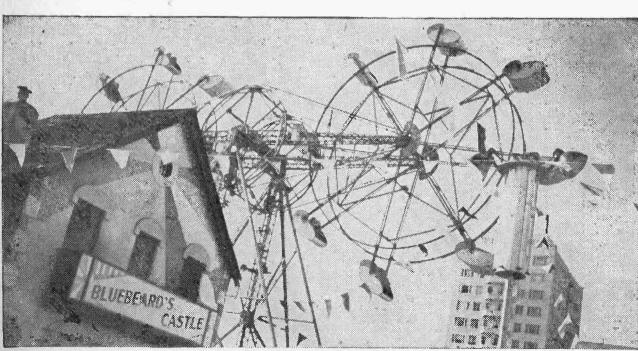
The Bisch-Rocco Amusement Com-The Bisch-Rocco Amusement Com-pany, Chicago, debuts a new Kiddie Flying Scooter this year, the price of which has not been determined, according to Ralph Rocco. Regard-ing the org's eight-car size Flying Scooter rides, Rocco says: "We are making deliveries and hope to con-tinue right on thru with orders." Out-side of some items of material, which are a bit slow in arriving the Bisch are a bit slow in arriving, the Bisch Rocco Company is not experiencing any detrimental slow up.

Price of the eight-car ride put out by the B-R organization is up a bit over last year. It sold for \$10,450 in 1946 but this year is tabbed at \$11,200. Bisch-Rocco is not build-ing the 10-car ride for spring deliv-ery this year. It sold for \$12,650 in 1946 1946.

Portable Kiddie Rocket

Portable Kiddie Rocket E. L. Bates, sales manager of the Ramona Manufacturing Company, Grand Rapids, Mich., announces his concern is putting out a portable model of the Kiddie Rocket ride for the first time this year. "In 1946 we manufactured a park model of this ride and are still doing so," Bates said. "We have, however, designed a new light weight tower for carnival use." The new ride, Bates said, goes for \$2,500. for \$2,500.

The Ramona Company is having difficulty securing one-horse power electric motors. Several rides have been completed and await delivery of motors, Bates said. Regarding the price of rides heretofore manufac-



THIS DOUBLE FERRIS WHEEL, owned by Elmer and Curtis Velare and now in operation at the Long Beach, Calif., Pier, is the only one of its kind in the world. Ride is not practical as a portable but makes a great flash on a permanent location.

4

tured by the Ramona company Bates said it would be the same as in '46. Aims for Lower Cost

H. G. Traver, of the Traver En-terprises, Cranford, N. J., says: "I "I am enclosing your questionnaire and beg to say that in the present mar-ket it is very difficult to make any absolute statements as to the pres-ent or immediate future. There are plenty of customers but it is not too absolute statements as to the pres-ent or immediate future. There are plenty of customers, but it is not too easy to get certain items of mate-rial. I expect to bring out a small portable ride next summer and I hope to have something that can be sold at a little more moderate price than the devices which are now being than the devices which are now being sold."

Two changes have been made by Traver's company in its products. The Laff-in-the-Dark is now being built portable and Laff-Land Fun-house, formerly a stationary ride, is also being built portable now, Traver said Traver said.

Regarding materials, Traver said: "Material is short in a few lines, but it can be had by those who will hustle for it. Sometimes the prices are high. Nails and lumber are easier to get now. Electric motors and ball bearings are still scarce."

To get back to the new ride Traver plans to bring out next summer, he says the price will be less than \$8,000.

New Dodgem Designs

Altho the Dodgem Corporation is not coming out with a brand-new ride, at least this year, Fred L. Markey says the Dodgem models this year will have a new modern body designing with improved mechanical drive, considerably simplified for quick starting and fast control. An-other new feature of the Dodgem this year is that it has no gears. As is the case with other manu-

facturers, the Dodgem Corporation

is swamped and Markey says there is a 16-week wait on new orders. "Procurement of some materials still is a problem, particularly motors," he said. "We are hopeful, however, that we can deliver all orders on hand for the opening of the season and take on a few additional ones," The price of the Dodgem this year is about 15 per cent higher than a year ago, Markey said.

Sold Out for 1947

a case of sellout with the lelphia Toboggan Company, It's Philadelphia Toboggan Company, says C. M. Gerhart, sales manager. "We are promising only spring of 1948 delivery, as all rides now being manufactured for 1947 are sold," Gerhart said.

The Philadelphia concern is ex-periencing no difficulty from the material shortage standpoint, according to Gerhart, who said, "We place our orders for raw materials and supplies approximately eight or nine months before actually required for production."

Price Up \$1,500

The price on the four-disk, eight-car Cuddle Up is \$15,000 this year. It sold in 1946 for \$13,500.

Altho not in the ride field, Gerhart dwelt on his org's new animate humorous and grotesque heads and the new Giggling Gertie and Laffing Pat. The animated heads, Gerhart said, sell for \$110 each and the Gig-gling Gertie and Laffing Pat, comsplate with amplified record changer, speaker and 20 records and needle sell for \$525, the prices being f. o. b., Canton, O. The head and figures will be ready for delivery in April.

Steel Seats for Wheels

The Eli Bridge Company, manufac-turer of Ferris Wheels, is in the same boat as the Philadelphia Toboggan

castings. All wheels this year are 20 per cent over the 1946 price. The price on the No. 5 40-foot wheel for 1947 is \$6,612.

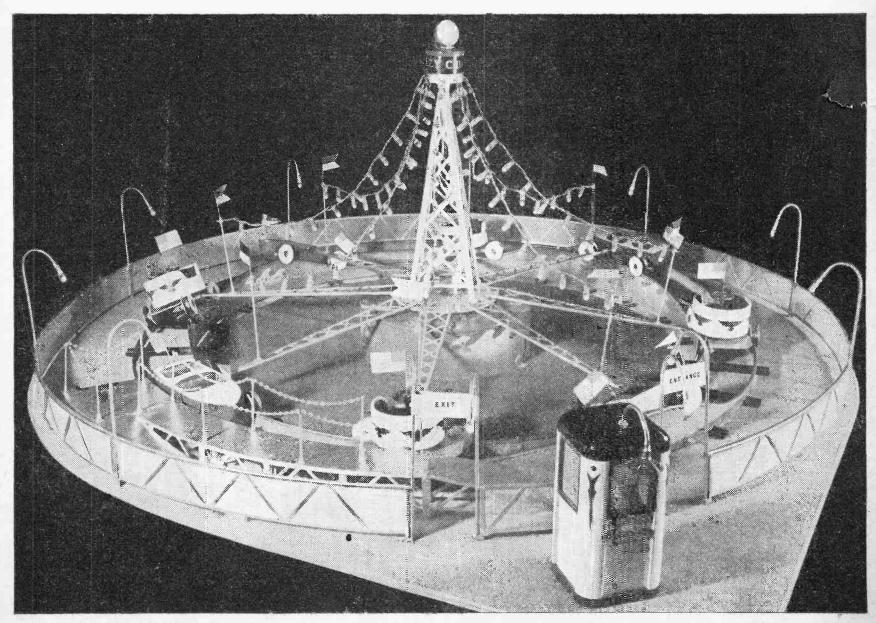
"Like all other manufacturers we are buried in work," says Ben Rood-house of Eli, "Our second Wheel of

Company—all sold out. The 1947 the 1947 shipment left the factory wheels have two marked changes, one being all-steel seats and a new power unit of 25 h. p., replacing the smaller 16 h. p. engine. From the material standpoint, Eli had trouble getting electric sockets, some types of lumber and malleable castings. All wheels this year are 20 per cont event the 1947 shipment left the factory early in March, being delivered to Sam Fidler of Fidler's United Shows at St. Louis, Other wheels are fol-lowing and by early April we ex-pect to be right in the midst of our shipping season with wheels leaving us regularly for various parts of the North American Continent."

Roodhouse says his company de-livered 25 Big Eli Wheels in 1946. This year he hopes to deliver 35. In November and December of 1946, Roodhouse said, the Eli Company (Continued on page 11)



KIDS FROM 8 TO 80 get a kick out of the Scooter, and these attractive young ladies are having a flock of fun piloting their streamlined mounts. The The Dodgem Corporation promises new cars this year more modern in body design with mechanical features to pep up starting and to make control faster.



HERE IS THE ARTIST'S CONCEPTION of a brand-new ride the Salem Iron Works will spring this year. It has four tubs and four boats on a circular track arranged in such a manner as to cause the boats to rock and dip, simulating the action of a boat on rough water.

INSECT ANNOYANCE OVER---

A YOUNG bedbug on your pillow means 100 to 1 its parents aren't far away. Probably elsewhere in your bed. And ants in your pantry mean that the ant nest is in the immediate vicinity. Everyone who travels has constant experience with annoying insects of one sort or an-other. But you needn't be annoyed by them in the future. That is, if you want to do something about it.

The new one-shot insecticide, DDT, is one of the better things in life for people connected with outdoor shows and fairs. Use of this bug killer should be understood by every man and woman in the business. It's that important.

This piece has been prepared to give people involved with the show and fair business the lowdown on how to use DDT.

Private Lives of Insects

To really do a job on bugs, it's necessary to have some inside infor-mation about them and this is it.

Mother bedbug lays her eggs close to places where her young can find somebody to feed on. They use noth-ing but blood for food, usually human blood. A bed or sometimes a seat in a theater makes a happy home for them. Cracks of a bed or seams along the sides of a mattress are good places for you to start looking for bedbugs and their eggs. They hide out dur-ing daylight hours and move about only at night. When the eggs hatch, the little ones crawl out and start to look around for a meal of blood. Young bedbugs, like children, look very much like their parents. They have legs and are able to run about almost as soon as they hatch.

Young cockroaches also look much like their parents. Both young and old cockroaches hide out in the day-time. They hang around sinks, in drawers, beneath floors, or behind baseboards until it's dark.

baseboards until it's dark. The point to remember about in-sects with similar-appearing young and parents, is (1) the young have legs and are able to run about, and (2) both young and old alike may be found in the same places. Where you find one, you usually find the other. They never go far from their home. If they're present and trouble-some, look for their favorite hang-out.

out. Many insects such as ants, fleas, flies, and also mosquitoes and gnats which are really flies, grow by a series of distinct stages. These stages appear entirely different from each other. Except in the egg and the adult which has legs and wings, each of these developmental stages is entirely different from any found in bedbugs or cockroaches. The females of flies, for instance, lay their eggs on preferred foods. The fly eggs hatch into legless maggots or larvae which feed upon such foods. Maggots of one species of fly may be found only in spinach, another only in cherries, and still others only in decaying meat such as carcasses of animals. These larvae grow to maanimals. These larvae grow to ma-turity, leave the food, and crawl into cool, dry, dark places. Here, they change their maggot shape and form a rounded barrel-like "pupal" stage. During the period spent in resting or pupal stages, they are unable to crawl or move from one place to an-other. Each separate stage, the egg, the maggot, the pupa and the adult has no resemblance to any of the other stages. other stages.

The young of mosquitoes are found only in free water. Damp ground, moisture or leaves of trees or shrubmosture or leaves of trees or shrub-brey, or flowers, won't produce mosquitoes. Fe male mosquitoes usually feed upon the blood of warm-blooded animals. They lay their eggs on or near water. Mosquito larvae,

U. S. expert explains life habits of insect pests so harmful to show business

By DAVID G. HALL

Bureau of Entomology and Plant Quarantine United States Department of Agriculture

or "wigglers," hatch from these eggs; lays eggs, lots of them, and when the they live and grow to maturity in eggs hatch the little ants go thru a the water; they go thru their pupal or resting stages in the water, and finally adult mosquitoes with wings come out of the water and go about the business of biting and annoying people, spreading disease, and getting another generation going. Take the water out of such places as tin cans, cisterns, ponds or sloughs, and the mosquito-breeding business folds.

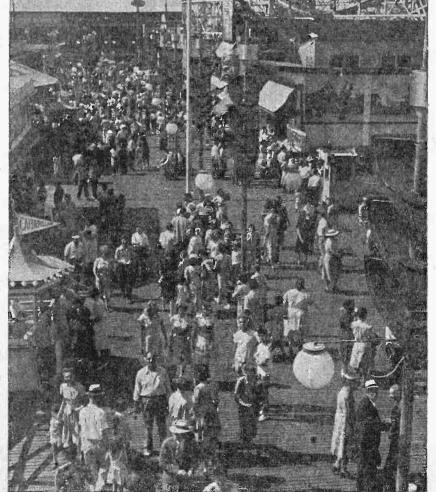
Fleas hop on and off their favorite hosts (dog fleas on dogs, rat fleas on rats, etc.), and when their favorite host isn't around, they'll hop on a man host isn't around, they'll hop on a man and take a bloodmeal out of him. Fleas can't fly because they have no wings. Flea females lay their eggs wherever they happen to be when the egg is ready. If the female flea is on an animal when the spirit moves her to lay eggs, sooner of later the eggs drop to the floor or ground where they hatch into larvae. Flea larvae feed upon the filth on the ground or in cracks of the floor. When full-grown they pupate, then come out as full-grown fleas ready to take blood and start a new generato take blood and start a new generation.

Ants live in nests. The queen ant stays home and occupies herself with future crops of ant youngsters. She

eggs hatch the little ants go thru a set of developmental stages just as little fleas and little flies do. In the nucle fleas and fittle flies do. In the spring, young queens and males have wings and fly away from the old nest on a short honeymoon. They are wingless for the rest of the year and lead a very ordinary life. Worker ants, peculiarly enough, work. It's the worker ants one sees on kitchen shelves! They move about on trails —act like elephants on parade. Follow the line of parade and you'll find the nest sooner or later.

Insects which grow by a series of stages are noticeable only as adults. The young, or larval stages, are hid-den and rarely noticed. Few people ever connect the wigglers in a rainbarrel with the mosquitoes which fly about and bite them. Did you know that the maggots in a dead chicken become the green bottleflies of mar-ket places?

Each separate insect species has its own way of life. Turn a dead chicken over and you will find maggots of certain species of blowfly. Dig into a manure pile beside the track and you will find maggots of a totally different species of fly. In-secticides on dead chickens won't kill wery many houseflies and probably



WITH THE USE OF DDT, a spic and span midway such us Rockaways' Playland, can be kept entirely free of insects which spread disease and annoy pleasure seekers,

no mosquitoes at all. The best way to start to control flies is to destroy fly nurseries. Control efforts for one species may be wrong for another be-cause most species have their own larval food preferences.

Each kind of insect may have a number of billions of individuals fly-ing or crawling about at one time. All of the billions of houseflies one sees in the United States belong to just one species. If you know some of the food preferences and habits of the more annoying common ones, you will be able to put DDT to work for you. No insecticide, even DDT, can think for itself.

Problems on Fairgrounds

It's about fairgrounds, amusement parks and resorts where DDT can be of distinct value. Particularly about fairgrounds. It can make such areas almost bugless as far as the insects Fair boards should thoroly under-stand such problems so that they can use DDT to their advantage. Only a few real insect problems need con-front fairs if proper steps for their control are taken sufficiently in ad-vance by the fair board.

Sanitation is the first thing to think about. Under no circumstances can DDT or any other insecticide make up for deficiencies in sanitation. Improper disposal of manure or garbage will continue to produce and attract flies in spite of anything DDT can do. No quantity of DDT will get a dirty eating establishment past standards set up by public health officials officials.

No insect problem is peculiar to public outdoor gatherings. The in-sects which attend are almost invariably native residents of long standing. Such bugs are there in the first place whether the show goes on or not. Many insects, such as roaches, ants, fleas, bedbugs, bees and wasps, and spiders and scorpions, live year 'round as native residents on the grounds. Crowds do not attract them there. Opening dates seriously in-terfere with their lives. On the other hand, a heavy rat infestation in an exhibition building may produce a lot of fleas in 60 days. A cat with a litter in a manger or under the floor of a barn a couple of weeks before of a barn a couple of weeks before opening date may produce an im-mense flea infestation. But it's well to remember that insects generally don't become very numerous in only a week or two. If insects are abun-dant during fair week you can de-pend on it that they were there be-fore opening date.

Facts About DDT

It's true enough that small amounts of DDT can produce almost phe-nomenal results when used exactly right. An ounce or so to the acre is right. An ounce or so to the acre is enough for some insect problems. But a couple of squirts of DDT from a hand sprayer won't kill mosquitoes for a city block. A puff of DDT powder into the air isn't sure death to all the insects in a fairgrounds.

The reason that this highly concentrated insecticide worked so spec-tacularly for the armed services is because trained entomologists di-rected its use. They had the know-how. So an operator must either know something himself about the limitations of DDT and how it should be used or someone must put him be used or someone must put him wise.

What Is DDT?

DDT is a poisonous chemical with a mild, pleasant odor. In the techni-cal grade it is white slightly waxy solid sometimes resembling lumpy flour, and is practically insoluble in water. It is soluble in many organic solvents, the most familiar being

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--- IF DDT IS PROPERLY USED

kerosene and fuel oil. The scientific name of DDT is dichloro-diphenyl-trichlroethane.

DDT is a poison. It is less so than many of the common insecticides used about households and gardens which contain arsenic, nicotine, or sodium fluoride. But it is a poison and it pays to know how to use it. Certainly one shouldn't put it around where it can get on food, dishes or eating utensils.

How Does DDT Kill Insects?

Insects die when they eat DDT. They don't have to eat it, however, for it to become effective. They die when they come into contact with sprays containing DDT. And they when they come into contact with sprays containing DDT. And they die when they walk or rest on the surfaces which have been treated with DDT. The fact that insects may be killed when they merely walk across sprayed surfaces is the "new" which has been added by DDT. This residual effect is the thing that sets DDT off from other insect killers. DDT insecticide sprayed or dusted on floors, walls or other surfaces, leaves a residue or deposit formed of tiny DDT crystals. When insects sus-ceptible to DDT walk or rest upon surfaces long enought to become af-fected by it, they develop paralysis and invaribly die. One doesn't need to hit an insect with DDT spray to kill it, and insects don't need to eat it. You just put it out where insects will walk across it. DDT is no cure-all and it won't kill all kinds of in-sects. But it can be used for almost all of the insects which affect fairs. exhibitions, public gatherings and living quarters. DDT works much more slowly than many other insectioned. It takes a

many other insecticides. It takes a little time for it to actually kill insects. But they generally die follow-ing contact with it. Mosquitoes and ing contact with it. Mosquitoes and flies kick off in an hour or so. Cock-roaches may hang on a day or two. The slowness in the killing ability of DDT is disappointing to many people who hope that as soon as any DDT hits insects, they will tumble over, twitch a time or two, and die right then and there. Unfortunately, such is not the case. Insects which receive a killing dose of DDT usually fly or crawl away and die elsewhere. So you won't generally see piles of dead ones. ones.

Forms of DDT

There are many different DDT preparations on the market. Some of these are for agricultural purposes

Gives detailed advice on proper methods of clearing areas with new "bug killer"

and others are more or less experimental products. If the label indicates that a DDT isomer or by-product is the active ingredient, be careful. These by-products are not standardized and may be less effective than technical DDT. Commercial prepara-tions contain DDT in varying proportions and it's best to read labels on purchases of this insecticide to be certain of the DDT content. An in-sufficient amount of the chemical is almost certain to produce unsatis-factory results. The label should indicate that DDT (technical) is the ingradient ingredient.

A few different preparations are satisfactory for most purposes and only the main types are described here.

As Solutions

DDT is most easily used in solution form. One gallon of refined odorless kerosene will take up 7 ounces of technical DDT to make a 5 per cent spray. This solution may be contechnical DDT to make a 5 per cent spray. This solution may be con-sidered a standard for domestic use inside living quarters, theaters, or in places where staining may be un-desirable. It will not stain clothing, carpets or walls. It can be used either as a space spray or residual treatment and it will produce good kills on almost all insects which annoy man. N. 2 fuel oil at the rate of one gallon to 7 ounces of DDT (tech-nical), makes up another 5 per cent spray. This spray may be used in cellars, sheds, barns, kennels or any place where slight staining of wood-work or floors is not objectionable.



IT IS A SIMPLE MATTER to cover large areas by mounting a pressure spray on a truck as the army did in controlling insect life on tropical islands.

This solution of DDT was the standard of the armed services. It, too, will kill almost all insects annoying to man. Either solution may be ap-plied to walls, floors or other sur-faces at the rate of one quart per faces at the rate of one quart per 240 square feet (one gallon to about 1,000 square feet) for a satisfactory residual effect. Inside walls treated with either of these DDT solutions will continue to kill insects for 90 days or longer. Operators applying oil solutions of DDT should bear in mind that such DDT solutions can be absorbed thru the skin. Since DDT is a poison, it should be washed off promptly. It goes without saying that these oil solutions are inflam-mable before the oil evaporates. The residual DDT left, however, won't burn. burn.

As Dusts

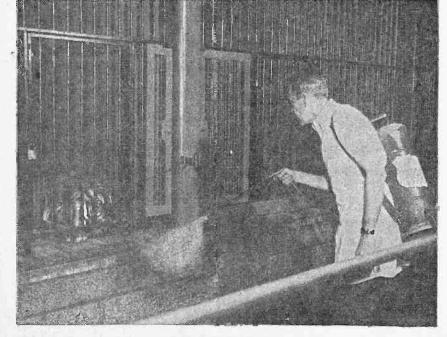
As Dusts DDT is available in dry mixtures for dusting purposes. One which contains a 5 or 10 per cent technical DDT is preferable. Pyrophyllite or talc acts as the carrier or diluent. Dusts are best for ants, cockroaches and insects most frequently found on or about the ground—fleas in kennels or basements for instance.

As Suspensions

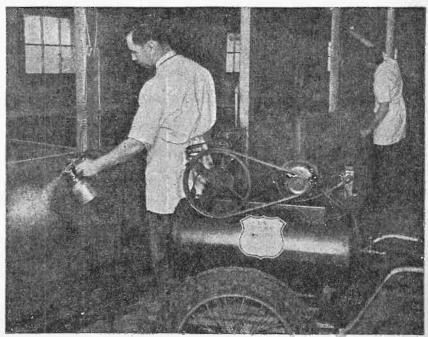
Commercial wettable powder prep-arations known as water-dispersible powders, are available. These con-tain DDT mixed with a chemical which allows the DDT particles to mix with water. A 5 per cent DDT suspension is prepared from such commercial preparation by diluting the powder mixture with the proper amount of water. Amount of water is dependent upon the concentration of DDT in the commercial prepara-tion. DDT suspensions are odor-less, harmless, when applied to the skin of man or animal, and are non-inflammable. When applied to a sur-face, the water evaporates leaving a thin film of DDT crystals on the surface. DDT suspensions are sat-isfactory on outside surfaces or in places where the whitish residue is not objectionable. A suspension can be used anywhere an oil solution is satisfactory and it has the same Commercial wettable powder prep be used anywhere an oil solution is satisfactory, and it has the same effect on insects.

As Emulsions

As Emulsions DDT is readily dissolved in a num-ber of organic solvents. While a gallon of fuel oil will dissolve only about seven ounces of DDT, other solvents may take up considerable more. DDT concentrations of from (Continued on page 12)



LIFE CAN BE MADE MORE PLEASANT for animals in a circus menagerie or a zoo by constant control of insects and flies, and the customers will like it better, too.



DEMONSTRATORS from the United States Department of Commerce show the correct way to disinfect exhibit stalls on fairgrounds-and it is important that this be done in the off-season, as well.

OWNERS----PAST AND PRESENT

CIRCUS KINGS of yesterday as compared with the present day kings had much in common—the mis-sion of entertaining children of all ages, from the time they were beginning to toddle until they passed on into old age-and the love for the circus will continue for all eternity.

Back in the dim and shadowy past, from the time that the Circus Maxifrom the time that the Circus Maxi-mus flourished in ancient Rome when gladiators fought to the death with swords and mailed fists in the Coli-seum until the present modernized and streamlined "circus," down thru the centuries the circus has endured, surviving the test of time and bids fair to keep on indefinitely fair to keep on indefinitely.

Historians such as Col. C. G. Stur-tevant, Earl Chaplin May, who wrote the immortal *From Rome to Ringling* book, Bill Chipman and others record that the first mention of the circus in



Walter D. Nealand

America was that of Ricketts, a re-nowned equestrian, who performed miraculous feats upon the back of a prancing horse as far back as 1793 in Philadelphia with George Washington as one of his patrons.

In 1815 Hackliah Bailey bought the first elephant from the master of a sailing ship and traveled around the countryside by nights and exhibiting the huge beast in barns to gaping spectators. The Van Amburg menag-erie was next to entertain the public the forerunner of today's circus erie was next to entertain the public —the forerunner of today's circus. Other early circuses were the Welch and Delevan (1845), Stowe's Circus (1868), Seth B. Howe's (1866); Yan-kee Robinson, featuring a 40-horse bandwagon hitch (1866); Spalding and Rogers, Sands and Nathans, Stone and Murray, Montgomery Queen, all of which were operated from 1845 to 1870.

Barnum the Leader

Without question the late Phineas

Taylor Barnum was the greatest of all of the Circus Kings of Yesterday. This great showman, whose name has been emblazoned upon the pages of fame in circus history for many, many years, was born in Bethel, Conn., and early in life made a great name for himself by his natural flair name for himself by his natural flair for showmanship, as well as by being the greatest press agent of this or any other age. He managed the famous Barnum Museum at Broadway and Ann Street in New York City; made history as the impresario of the fa-mous Jenny Lind, the Swedish Night-ingale; purchased the great Jumbo from the London Zoo for \$10,000 and made a million dollars out of the deal; staged a public wedding with General Tom Thumb and Lavinia Warren, two of his midgets at the

1

Veteran press agent recounts memories of yesteryear's circus kings with nod to those carrying on great traditions By WALTER D. NEALAND

His first circus was a small "mud" show, traveling by wagons drawn by horses over the dusty and sometimes muddy roads from town to town. Soon it grew too large to transport by wagon and W. C. Coup, an astute showman of those days, stepped into the business management and per-suaded Barnum to use railroad cars suaded Barnum to use railroad cars for his transportation problems. Thus the P. T. Barnum "Greatest Show on Earth" came into existence and its career has continued until today and seems destined to go on for many more years to come.

Bailey Joins Barnum

Barnum had several formidable rivals to contend with in those early rivals to contend with in those early days, one in particular—James A. Bailey, a quiet little bearded man whom early showmen called "The Little Giant." Bailey, with a partner, operated the Cooper and Bailey Cir-cus with winter quarters in Philadel-phia. Bailey had more business acumen than Barnum and was a fi-nancial genius. The merger of Bar-num and Bailey brought about the beginning of a partnership that made beginning of a partnership that made circus history—two great showmen whose fame endures until this day.

Adam Forepaugh, who was a butcher in the same city of Philadelbutcher in the same city of Philadel-phia, had no circus experience but developed by gradulal stages into a topflight circus owner, one of the best, and with his two brothers, Charles and John, developed the great Adam Forepaugh Circus around 1882, traveling on 60 railroad cars, with a huge six-pole main tent, a 36-care menagerie 30 elembants and cage menagerie, 30 elephants ar staging a wonderful street parade. and

Forepaugh staged a wonderful pub-licity stunt, with the aid of his press agent, Charles H. Day, in offering \$10,000 salary for the "most beautiful woman in America" to be featured in his opening spectacle, Lala Rook. During the season of 1892, when the agement of Joseph T. MacCaddon, the spectacle was The Fall of Nineveh, which occupied the entire side of a six-pole top. I saw the show as a boy and have never seen any open-ing circus spec that has been its equal.

A Trained Rhino

Dan Rice, the famous clown, re-putedly paid \$1,000 in gold every



Clyde and Harriet Beatty

Little Church Around the Corner in New York City. His first circus was a small "mud" show, traveling by wagons drawn by horses over the dusty and sometimes muddy roads from town to town. Soon it grew too large to transport by wagon and W. C. Coup, an astute showman of those days, stepped into the business management and per-Show me a modern circus which care Show me a modern circus which can boast of a trained rhinoceros!

Among the old-time circus kings vere the famous Sells Brothers who lived in Columbus, O., and who owned and operated one of the greatest of all old-time three-ring shows under canvas, with a mammoth me-nagerie and a great street parade. The Sells Brothers were Lewis, Eph-riam, Peter and Allan. After several successful tours of America from coast-to-coast, they invaded Australia and made a huge fortune. Later when Sells Bros. was combined with the Adam Forepaugh show it became the Forepaugh-Sells Bros.' Circus, which all showmen concede to be a Circus, money winning title for many years and is now owned by the Ringling interests and has been on the shelf for many seasons.

The immortal names of Robinson have always and Robbins been



P. T. Barnum

prominent in circus annals. Yankee Robinson was the first partner of the Ringling Brothers in 1884—the first season that the Ringlings started out in circus business. His show was a great favorite in the Middle West sector. He had a rival in Burr Robbins, an old school showman. Frank A. Robbins came later, but as early as 1884 he had a circus in a building located at Broadway and 34th Street in New York City, then took the road and for many seasons operated the Frank A. Robbins All Feature Railby his youngest son, Milt Robbins, side-show manager of Dailey Bros.' Circus.

W. W. Cole was another of the oldw. w. Cole was another of the old-time circus kings, and the W. W. Cole Circus was a large and profit-able venture. He died in New York following his retirement, a wealthy man.

were associated with Uncle John in his early days. At his death "Gov-ernor" John F. Robinson took over, followed by John G. Robinson. The show was sold to the American

Circus Corporation and later became the property of the Ringlings. A great favorite for many seasons in was a household word, old-timers will recall its famous street parades; its opening spectacle, King Solomon and the Queen of Sheba; its six-pole menagerie tent, and its reputation as



Walter L. Main

being one of the greatest of all Amer-ican circuses—a title that will live forever in the memories of thousands of circus fans. John Robinson IV, his mother and two sisters, sole sur-vivors of the famous circus clan, still live in Cincinnati, the winter quar-ters for years of the John Robinson Ten Big Shows, as it was known for over half a century before its sale to the American Circus Corporation. Been Wallace, who owned the Great

Ben Wallace, who owned the Great Wallace Circus and later was co-owner with Carl Hagenbeck, of the Hagenbeck-Wallace Circus, was a famous showman and founded the circus city of Peru, Ind. Uncle Ben had a great show and featured his menagerie and street parade.

Here Comes the Ringlings!

The advent of the Ringling Brothers into circus business was an epochal event in circus bistory. The five brothers—John, Charles, Alf T., Al and Otto—as is well known by circus fans began their career in Baraboo, Wis., in 1884 and founded the Ring-ling dynasty—a vast empire—that today owns and controls most of the circus titles.

The Sells-Floto Circus began as a small dog and pony show owned by Willie Sells and Otto Floto, a Denver newspaper sports writer, and with the financial backing of the fabulously inancial backing of the fabulously wealthy Harry Tammens and Fred G. Bonfils, owners of *The Denver Post*, became a great three-ring circus called "The Circus Beautiful." An artistic success, it was a financial liability and was sold after several years on the road to the American Circus Corporation and the title is new owned by the Bingling.

Walter L. Main, the oldest living circus owner in the world, now in Geneva, O., writing his memoirs and operating his business interests, is retired from the circus world, but memories of his great 30-car railroad A Never-Dying Title The John Robinson Circus, the Old Reliable, was one of the oldest, finest and largest on tour in the early days. Founded by "Uncle" John Robinson, it was originally a "mud" show, trav-eling by wagons and river boats. Gil and James Robinson, the latter the world's champion bareback rider, that in 1879, at the age of 21, he was the general agent of a small wagon circus owned by his father called the Main & Hillard Circus, out of Trum-bull County, Ohio. Main succeeded



Charles Sparks

to the management in 1884, and in 1889 sold-his wagon show equipment to Scribner & Smith and went on rails, at first in 1891 on 12 cars, which grew until it became one of the finest 30-car shows of all time. A disas-trous railroad wreck on the morning of May 30, 1893, proved no handicap to the progress and Main had the show repaired and back on its route within two weeks. He made a trans-continental tour to California via Western Canada in 1896 and later made a full week's engagement in Boston. The Walter L. Main Circus has always been a great favorite in the Eastern States and thru New England, and the title is still good for many more years of touring.

Sautelle's Ups and Downs

Another grand old-timer, with whom I spent many seasons of troupwhom I spent many seasons of troup-ing back in the good old days, was Sig Sautelle, of wagon show fame. Sig's real name was George H. Sat-terlee. Born in Fort Ann, N. Y., he embarked on his career as a ven-triloquist and his first show was a canal boat show traversing the Erie and Champlain canals in New York State as Satterlee's Marine Hippo-drome. In 1893 he started out as a wagon circus and soon had one of the largest "mud" shows in Eastern terlargest "mud" shows in Eastern territory. He went on rails twice in his career and each time lost fortunes only to regain it by returning to wagons. Sig's last season was in 1919 when he tried again with a small railroad circus of which I was business manager and press agent. The show stranded in Suncook, N. H., on June 15 and was shipped to Trenton, N. J., for sale. Sig died in Fort Edward, N. Y., in 1928—the passing of "the Grand Old Man of the White Tops" as he loved to be called by his loyal troupers.

Among the circus kings of yesterday I can recall from memory were the William H. Harris Nickle-Plate Circus; Leon Washburn; George Arlington; Andrew Downie, who owned the Downie & Gallagher canal heat forw out of Medina N. Y. and boat show out of Medina, N. Y., and later operated the Downie & Wheeler, 10-car railroad circus; the La Tena Wild Animal Circus, leased the Walter L. Main title for five seasons, and later the Downie Bros.' Motorized Circus, his last venture.

Sparks Title Carries On

One of the greatest names in the circus world is that of Sparks, a title that has been world famous for nearly 60 years and which today retains its old-time prestige and is as big a drawing card as it was in its halcyon days. In 1890 John H. Sparks founded the Sparks Circus, which was then known as John H. Sparks Old Reliable Virginia Shows, altho its headquarters were located in East Brady, Pa. A small wagon show at its inception, it grew to a two-car railroad show, then 10 cars and later became the finest 20-car show on the road. At the death of John H. Sparks, the show came under the manage-ment of Charles Sparks who continued its operation for many years,

Corporation, who in turn sold it in 1929 to the Ringlings. Last year, 1946, the title was leased by the Ring-lings to James Edgar, who operated it with great success thru a season of 35 weeks from March 22, when it opened in Arcadia, Fla., until No-vember 4, when the season closed in Tyler, Tex. This year the Sparks Circus, brand new and custom built, with everything new except the old title, is again under the management of Edgar as a 10-car railroad circus, having opened its tour March 3 at Fort Myers, Fla.

Circus kings of yesterday that I remember include the famous Goll-mar Bros., a 25-car railroad show op-erated by Walter, Fred, Charles and Ben Gollmar, cousins of the Ringlings and also maintaining winter quarters at Baraboo, Wis.; the Lemen Bros.' Pan-American Circus out of Argen-tine, Mo.; the Campbell Bros.' 25-



Zack Terrell

car show out of Fairbury, Neb.; Ernest Haag and his Mighty Haag Circus, for 50 years a Southern fa-vorite; the Orton Bros.' Circus, Col. George W. (Popcorn George) Hall's Trained Wild Animal Circus, Charles T. Hunt's Silver-Plate Circus; the Sun Bros.' World's Progressive Circus owned by Cure Pate and Caerge Sun Sun Bros.' World's Progressive Ćircus owned by Gus, Pete and George Sun, a very successful 10-car railroad cir-cus; Norris & Rowe, M. L. Clark & Sons Wagon Show; Gentry Bros.' Dog and Pony Circus of four units owned by H. B., W. W. and Frank Gentry, of Bloomington, Ind.; J. Augustus and Elmer Jones, of Warren, Pa., owners of Cole Bros.' Circus, Buffalo Ranch Wild West and other shows; Martin Downs, George W. Christy and his Christy Bros.' Circus; Ketrow Bros.; Lucky Bill and Honest Bill Newton, Lucky Bill and Honest Bill Newton, with several shows including the with several shows including the Orange Bros., Moon Bros. and New-ton Bros.; John and Mike Welch, of Welch Bros.' Circus; Rhoda Royal, William P. Hall Circus, Dode Fiske, La Mont Bros., George Engesser, Hargeaves Great American Circus; Robbins Bros., owned by Fred Buchanan; King Bros. and other shows owned by Floyd and Howard King; J. H. La Pearl Circus, and the Lindemann Bros., owner of the Seils-Sterling Circus. Sterling Circus.

Barnes' Innovation

Al G. Barnes was one of the best of the old-time showmen and in his prime owned the largest and finest trained wild animal circus ever in history. His full name was Alpheus George Stonehouse Barnes and he was a Canadian by birth. His start in circus business came after a brief tour with a Parker carnival and he began in Spokane, Wash., with his unique trained wild animal exhibition in which wild and domestic animal exhibition in which wild and domestic animals were the bulk of the program. His methods were successful and he amassed a fortune. His show was sold to the ACC and the title is now a Bingling property. a Ringling property.

then sold it to the American Circus and Bert Bowers founded the American Circus Corporation, later being joined by Ed Ballard, a wealthy hotel owner from French Lick, Ind. Jerry and Bert started out in 1914 with the Van Amburg title at Pleasant Hill, Mo. Later their holdings included most of the big railroad shows in America, including Sells-Floto, John Robinson, Howe's Great London, Buffalo Bill's Wild West, Al G. Barnes, Hagenbeck-Wallace, Great Barnes, Shows, Gollmar Bros. and Sanger others. These were sold to the Ring-lings in 1929. None of the trio are living.

The Wild West Boys

Buffalo Bill, in the person of Col. William F. Cody, was as great a king in his realm as was the illustrious P. Barnum, and his memory lives on forever. Pawnee Bill, Major Gordon W. Lillie, was his most formidable rival in the Wild West field, and the Miller Bros.—Joe, Zack and George— carried on the frontier traditions for several seasons with the 101 Ranch show.

Jess Adkins and J. Ben Austin comeback and had one of his best sea-wned shows with various titles and, sons in his long career and will go out owned shows with various titles and, while never circus kings, both did much to make other show owners famous.

Circus Queens

Looking back over memory's pages, I can only recall three women who were successful in the circus busi-ness as owners and managers. First was a Madam Lake, who owned a small one-ring show many years ago. But the most famous of all of the feminine owners and managers was Molly Bailey, whose one-ring circus was known thruout Texas, where she made her headquarters for many sea-sons. Rose Killian was another woman who owned her own show.

Today there are only five railroad circuses on tour, whereas a decade ago and earlier there were 20 or 25on tour each season.



John G. Robinson

Today we find the great Ringling Bros. and Barnum & Bailey "Big Bertha" greater than ever before—a mighty amusement enterprise that in 1946 grossed more money than in any other single year in its eventful his-tory. Piloting the giant organization is James A. Haley, its president; Mrs. Aubrey Haley and John Ringling North.

Zack Terrell, owner of Cole Bros." Circus, second largest on tour and a circus man of vision and wide experience.

James Edgar, the man who performed a miracle and astounded the skeptics of the circus world when he leased the Sparks title after it had been shelved since 1931, managed it for 35 weeks and came into winter quarters at Venice, Fla., determined to make the Sparks new railroad circus for 1947 the finest 10-car show in America. Edgar, 36 years old, is the youngest circus owner extant.

The triumvirate of Mugivan, Bal-Floyd King, owner with Harold lard & Bowers will be long remem-Rumbaugh of the new King Bros.' bered by circus fans. Jerry Mugivan Circus, last year staged a remarkable



Jerry Mugivan

this coming season bigger, grander and better than ever.

Ben Davenport, owner of the Dailey Bros.' 20-car railroad circus, an up and coming circus magnate who has won much success and fortune and is on his way to bigger and better things.

Charles T. Hunt, oldest living ac-Charles T. Hunt, oldest living ac-tive circus manager who with his three sons, Harry T., Eddie and Charles' Jr., are planning to again play their old established territory in New England and near-by States. Hunt Bros.' Circus is now in its 55th consecutive season, founded in King-ston, N. Y., in 1892 and long estab-lished as a perennial favorite with circus fans. circus fans.

C. R. Montgomery Trained Wild Animal Circus—a large truck show from Seattle, Wash. Clyde Beatty, one of 1946 top win-ners, with the able assistance of Art Concelle, game into winter

Concello, came into winter quarters in Nacogdoches, Tex., at the close of a long and highly successful trans-continental tour that started in California, went thru Canada and fin-ished in the South with a big profit.

Buck Owens and his Wild West report big business all season.

Out West Jimmy Wood's 101 Ranch Wild West, with Col. Zack Miller, evidently did not do so well since Jimmy, they say, is planning to re-turn to the old stand-by title, Yankee-Patterson, in 1947.

Other truck shows which made it. Other truck shows which made it big thru the 1946 campaign were Bob Stevens' Bailey Bros., the Al G. Kelley-Miller Bros.' Circus, Stevens Bros.' Circus and the James M. Cole Circus, the last named org being owned by a youthful veteran of World War II.



John Ringling

Cash Customers Are There

Amusement Parks May Feel Pinch First, But Most Outdoor Operators Can Crowd Lush Takes of '46 by Intelligent Work

By Pat Purcell

Editor of Outdoor Departments

THERE is a definite note of optimism in the tone of manufacturers, jobbers and purveyors connected with outdoor show business over the material prospects for the 1947 season, but there seems to be a definite trend toward pessimism over the very important matter of cash customers.

Just a year ago the folks of the various outdoor industries were rummaging thru scrap heaps to keep rides going; concessionaires were beating the bushes to get merchandise, and operators were still conducting extensive and exhaustive man hunts.

Now the manufacturers are catching up on their back orders, merchandise is more plentiful, and there seems to be enough workingmen around to handle the assigned tasks. This means life will be a bit easier for the buyer and the seller, but all hands seem to be worrying about the customer business.

No doubt this worry is not without cause. The average take-home pay is not as lush as it was during the war years, and living costs have skyrocketed, especially food and clothing. There will be less left for amusements, especially if the family dad hits the neighborhood pub with the same regularity exercised when the hefty overtime dough was jingling in his jeans.

Amusement park operators are likely to suffer the most if they do not bend a determined and intelligent effort toward luring folks to their spots. When gasoline was rationed, these spots thrived as it wasn't possible for the family groups to make the lengthy week-end jaunts into the country, seeking amusement in the great open spaces. Automobiles are still hard to get for the average citizen, but most of them accustomed to driving a car still have something that will get them hither and yon.

So it is logical to believe that amusement parks will take a decided tumble if money is tighter, which it figures to be, and with the folks on the highways in larger numbers. These operators will have to put more allure in their advertising and promotion in order to keep from taking a serious tumble, and they will have to tear into the special events field with a gusto. Amusement parks generally can hold close to their peak grosses, but they will have to go after the customers and not wait for them to come out naturally.

Circuses and carnivals figure to fare betterthat is, those that have something to offer. The red wagons do not show up too regularly, so the novelty is still there and their intensive bally can warm up prospective customers more readily than a permanent enterprise. Carnival men generally have shown more progressiveness in recent years than any other branch of outdoor show business. They have spent almost recklessly to build bigger and more attractive midways, and there are a large number now booking attractions of merit that will attract the attention of the close-dollar boys as well as the loose-dollar set.

Circus ops contend there isn't a great deal they can do to improve their product, as a circus is a circus. This is not true. Every show on the road could do a number of things to make the public more comfortable, and to eliminate some of the pushing around that owners and managers seem to think is a part of show business. Circus men generally would be wise in taking a leaf from the book of the carnival men as far as the handling of the public is concerned, because an attractive, comfortable setting will help cover other shortcomings.

Circus and carnival operators seem to think their grosses will tumble around 25 per cent this year, many basing their opinions on the results of the shows already on the road. This early season activity cannot be used as an accurate gauge as it has been an unusual spring—and not the California-type of unusual, either. It has been cold and wet so far, and folks in the South simply do not turn out when it is cold, no matter how strong the bally.

When and if the weather levels off, the test will come and those who make their layouts attractive, offer meritorious performances and turn the heat on the bally will do business. It may not be as easy to get money as it was the last few years, but there is still enough so that the capable operators will not feel the pinch.

Fairs should continue to attract amazing crowds, especially those with progressive leadership. Fair men generally have worked harder since hostilities ceased to make their presentations more pretentious and alluring, and they have an opportunity now to get exhibits and entertainment features that will keep the folks coming. The majority of the larger fairs knocked out during the war years still shine with the burnish of a new novelty and it is reasonable to believe they have not reached their peak. They can have such a variety of exhibits and attractions that every member of a household, from sonny to grandpop, can be interested without too much difficulty. Naturally, they, too, have to let the folks know what is in store for them, and it seems that fair men are learning this' art of bally.

There will be some financial recession this year as far as outdoor show business is concerned. All types of amusement have felt it during the first three months of this year, but the season business can be big for the aggressive, progressive fellow and some of the others may fall by the wayside.

Business trends indicate that the real test—the survival of the fittest—is not exactly around the corner, but those who coasted to prosperity during the lushiest of lush times will find the going more difficult. The fellow with the wallop will find his grosses up where they were last year, or very close to it. NEW RIDES ARE A REALITY! 5 SET FOR DEBUT IN '47 (Continued from page 5)

started taking orders for 1948 shipments and early in March the concern had 24 orders on the list for 1948.

Improvements by Austin

Harold T. Austin, president of the Austin Engineering and Amusement Corporation, Seattle, manufacturers of the Aer-o-Plane Wheel, writes as follows in response to news on his new ride:

"I regret to inform you we will not be in full production until early summer and at that time we shall introduce an entirely new ride, one that will sell in the average low price range.

"Last year we operated all our rides before selling them and jotted down all suggestions given by ride men who saw the rides in operation. We put our engineers to work on these ideas and now we have a new and improved ride.

"Some of the outstanding suggestions were: a money getter, flash, popularity by repeat rides, portability thru ease of setting up; minimizing bulk and weight, so that a prospective buyer doesn't have to invest twice the price of the ride for trucks and trailers to move it from place to place.

Efficient Portable

"Our engineers designed a new ride from the '46 model that is among the lightest of major rides; is simple to put up and take down and they did not spare anything in making it one of the top thrill rides.

"One outstanding request from ride men was to make the ride manually controlled so the customers could maneuver as they wished.

"When we introduce the new ride we will offer a special conversion unit for several of the older rides that are now stored and out of use. This will put them out in front with the new 1947 rides with plenty of thrill and flash at very little cost to the owners. "We are fabricating our tubs from

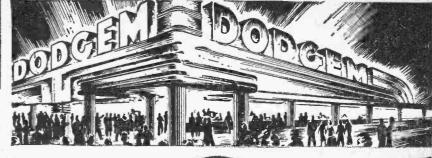
"We are fabricating our tubs from a special patented material that resists weather and corrosion, is dent proof, light and elastic and carries a 10-year guarantee against oxdiation. It is tougher than steel and practically wear-proof. It can be tossed from a truck without damage to the covering. "From all indications we are in

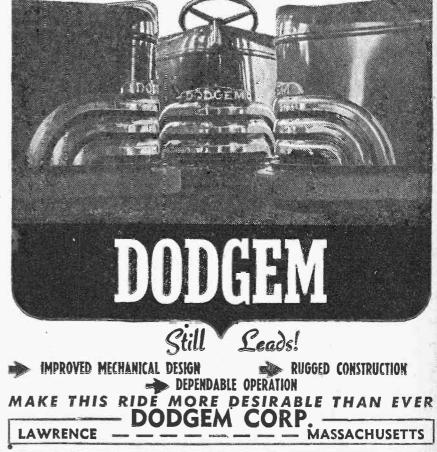
"From all indications we are in for a booming year of business as soon as the new ride is released and the conversion units ready."

Adult Miniature Train

The Miniature Train & Railroad Company of Addison, is coming out this year with an adult size train, which is true one-fifth scale. The locomotive is built in two units and is externally an exact replica of General Motors newest locomotive, the F-3, which will be the standard Diesel locomotive of the future. It is the first time a streamlined train has been so exactly scaled, officials say. More than \$50,000 has been spent in the designing and engineering of the locomotive itself. The locomotive is powered thru two air-cooled industrial motors. Power is transmitted thru fluid drive to 16 driving wheels giving it the

The locomotive is powered thru two air-cooled industrial motors. Power is transmitted thru fluid drive to 16 driving wheels, giving it the unusually high drawbar pull of 800 pounds. With this drawbar pull, it is said, it is possible to carry as many as 250 passengers. The coaches are (Continued on page 52)





A "Surefire" Hit in OUTDOOR AMUSEMENTS Wherever You Go!

It has APPEAL

Acclaimed by Carnival, Park and Ride Men EVERY-WHERE...as a PROFIT-ABLE REPEAT RIDE.

APPEARANCE





It has ATTRACTION FOR YOUNG & OLD

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WRITE FOR SPECIFICATIONS, PRICES AND LITERATURE

H. E. EWART LONG BEACH, CALIF.

4300 LONG BEACH BLVD,

INSECT ANNOYANCE ENDED IF DDT IS PROPERLY USED

(Continued from page 7)

25 to 50 per cent may be obtained by using such solvents. Adding chemicals such as soaps, DDT concentrates may be mixed with water, forming emulsions. These emulsions may then contain 5 per cent or more of DDT. Prepared emulsion concentrates may be procured commercially and the manufacturer's label should indicate the proper amount of water to be added to the preparation for making a 5 per cent spray. An emulsion is best used outside of buildings because it leaves an unusually residue. It will kill insects just as well as any of the oil solutions or wettable powder suspensions. This preparation is inflammable until it is dry, and it's best not to use it in enclosed areas. And it too may be absorbed by the human skin, so wash it off.

Aerosols

During the war, the "Aerosol Bomb" was developed for the armed services by the Bureau of Entomology and Plant Quarantine in co-operation with industry. It delivers a "space" spray. The DDT, together with a more rapid-killing insecticide such as pyrethum, is in solution in a liquified gas held under high-pressure and the gas propells the insecticide thru a small opening with great force when the valve is opened. Spray is thus broken up into extremely fine droplets which continue to float about in the air for many minutes.

When used outside buildings, wind will carry the aerosol away from such "bombs" and the effect of the spray is quickly lost. For this reason aerosol insecticides are not recommended for outside use except under certain conditions. Aerosols containing DDT will not leave a residual effect for there is so little DDT in them. But for mosquitoes and flies in hotel rooms, eating establishments, or elsewhere inside buildings, where a quick kill of the adult insects is desired, aerosols are good forms of the insecticide to use. Close the windows, turn on the spray for a second or so, and watch the mosquitoes drop.

What Causes DDT To Deteriorate? DDT insecticides lose their insecticidal qualities under certain circumstances. Applied as a residual spray on unpainted inside or pro-

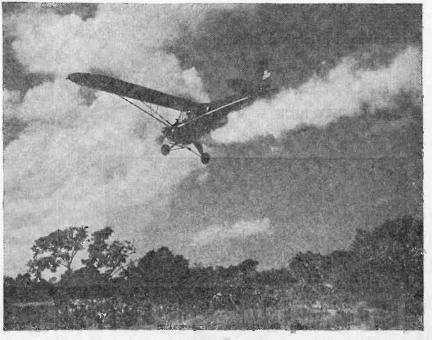
tected wall of a building, DDT will continue to kill flies and mosquitoes for as long as three months. On outside walls, DDT will continue to kill such insects for only two months or sometimes somewhat longer. Sunshine deteriorates DDT slowly. Lime on freshly whitewashed walls may reduce the effectiveness of the DDT residue rather quickly. It's best to whitewash walls several months in advance of making DDT residual applications.

How Can DDT Be Prepared for Use?

For most insecticidal purposes, DDT solution (seven ounces DDT, technical, in one gallon of fuel oil No. 2) will be satisfactory for use by most fair boards. This preparation can be used for residual effect anywhere on the grounds. The fuel oil should be obtained in drums. The 55-gallon size, or smaller, will be most convenient. The drum should be turned on end and the larger screw bung removed. The DDT in proper quantity is dumped into the oil thru the open bung hole. Drum is then recapped and turned back on its side and should be rolled back and forth at intervals over a period of two or three days to assure the dissolving of the DDT in the oil. The insecticide is then ready for use. DDT water-dispersible powders, 2½ to 5 per cent, may be substituted for the oil solution if desired. Such wettable powders are best prepared in containers which permit stirring for the powders settle to the bottom of the containers. Dusts containing 10 per cent DDT have a distinct place in fairground insect control and it is ready for use as purchased.

What Kind of Distribution Equipment Is Necessary?

Proper distributing equipment must be available to utilize these insecticides fully. Oil solutions and water dispersible powders may be applied with the same type of equipment. Size of the equipment necessary depends upon the size of the job to be accomplished and the time available to do it. Small areas may be sprayed by means of little handoperated devices or small agricultural pressure sprayers, larger areas may be sprayed by means of power paint sprayers, and still larger areas by the bigger mechanical power spray-



AIRPLANES MAKE EFFECTIVE SPREADERS OF DDT over large areas, and give the outdoor showman an opportunity to cash in on the attendant publicity.

ers such as those used in horticultural control houseflies—take away the work. Small equipment will do the horse manure and houseflies are no work. Small equipment will do the work satisfactorily but it takes satisfactorily longer.

Fine sprays delivered by many of these types of equipment are not desirable for residual coating of surfaces with DDT. A rather coarse spray is preferred. A proper resi-dual spray application is one which will fully wet the surface without running. Spray nozzles should be constructed so that a course or fine spray may be obtained when desired. Window screens should be painted by means of paint brushes, rollers, or mops covered with carpet, and not sprayed with the solution.

Dusting powder may be applied in Dusting powder may be applied in small amounts by means of a plunger-type hand duster or in larger quanti-ties by means of a rotary blower hand-operated dusting machine. The small duster can be used to ad-vantage to apply dust to cracks and crevices where ants nest and cock-proches hide during the daytime. It's roaches hide during the daytime. It's easier to blow dust into small or confined places, such as cracks about sinks and baseboards, with smaller equipment.

Control for Permanent Plants

Plans for insect control on per-manently located fair or exhibition grounds should be formulated not less than two months in advance. And this applies to parks, recreation areas, and resorts as well as to fairgrounds.

Methods of insecticide application vary with the length of time the con-trol is needed. A crowd can be well protected for two or three hours by methods which would be quite unsat-inforteney, whom protection is desired methods which would be quite unsat-isfactory when protection is desired over a longer period of time. A fair-grounds is a permanent installa-tion and insect problems there are more or less the same as those about homes in the same vicinity. These problems occur year in and year out. It's possible to anticipate such prob-lems in advance and to get for them long before opening date. More ef-fective control may be obtained at less cost in this manner. less cost in this manner.

Roaches, ants, fleas, and bedbugs may occur in exhibition buildings, may occur in exhibition buildings, stables, and eating establishments on permanent locations. Sometimes in great numbers. One thoro applica-tion of DDT dust usually eliminates infestations of such insects. Selected buildings should be given a thoro treatment about six weeks before opening date. The dust must be ap-plied to all floor surfaces, whether dirt, concrete, or wood. Attempt to force the dust into cracks and crev-ices where insects might be hiding. ices where insects might be hiding. Doors and windows should be closed during the treatment and for an hour or so afterward. One man equipped with a dust blower of the proper type should be able to do a large-sized exhibition building in an hour or less. If it is decided that many buildings If it is decided that many buildings should be treated with dust, it will be less expensve, and perhaps more efficient, altho not more effective, to accomplish the application by means of mechanically driven agricultural or horticultural dusting equipment. One with a blower device is the type needed. The interior of a building or a completely dusted in a matter needed. The interior of a building can be completely dusted in a matter of a few minutes with machinery of this kind. About one week before opening date, it would be well to inspect areas which have been treated to determine the efficiency of the treatment. Skipped areas or places where the dust may have been applied too thinly may be reworked if considered necessary. Don't for-get that the dusting will leave a thin, white residue everywhere. Maybe white residue everywhere. Maybe the star would object to this in a dressing room.

Insects which occur most fre-quently on the outside of buildings and range about the grounds, such as flies, eye-gnats, mosquitoes, and sandflies, may be as effectively con-trolled as others trolled as others.

Houseflies and horse manure is the combination you must remember to

problem. A few houseflies might oc-cur in other fermenting organic ma-terials, but horse manure is the preference. And don't blame a good dairy installation for houseflies one small pony can produce. Proper manure disposal in a small area won't keep outside flies from the neighborhood from coming in. Flies fly, re-member. Flies are attracted to things that might be good to eat, and a garbage dump will attract flies for considerable distance. As long as the dump continues to smell. They won't leave, either—they come prepared to stay. Factor one in fly control is, see that flies have no places to raise families. Factor two is, see that flies have no reason to be attracted to a place or for hanging around after they get there.

Fly abundance is a matter of concern to department of health offi-cials. A 5-cent telephone call to such officials sufficiently in advance may prove to be a very good invest-ment.

Step Leading to Insect Control

1. Make certain that such insects are not breeding on the grounds. Be sure that there is nothing on the inside of the grounds which will attract them into the grounds from the outside. For flies, this may be ac-complished by proper stable manure compost pile and garbage disposal management. For mosquitces, con-trol may be effected by proper drain-age, fill, or treatment with DDT, 5 per cent in oil of mosquito-breeding ponds, the oiling of rain barrels, and cisterns with the DDT solution, the

cleaning of eves-troughs on build- sorts open for longer than 60 days ings, and the removal of tin cans, may profitably renew the residual buckets, and other similar water- treatment every two months. holding receptacles.

2. In grounds which have a bad 2. In grounds which have a bad past history of outside insect annoy-ance, whether by flies or mosquitoes, apply a residual DDT, either a 5 per cent oil solution or 2½ per cent water-dispersible suspension of DDT in water, to inside and outside sur-faces of stables, barns, stock exhibi-tion buildings and eating establish-ments. These residual applications should be made about 30 to 45 days in advance of opening date so that the insecticide has ample time to do its work. Amusement parks and re-

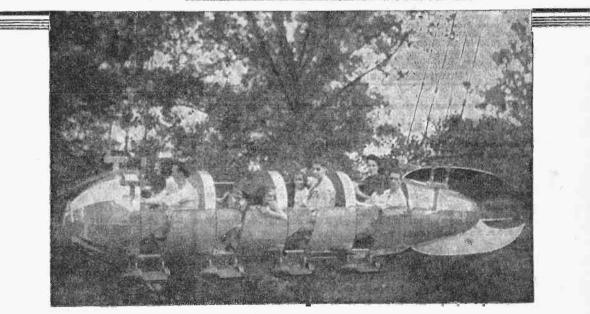
One of the surplus army-navy thermal insecticide generators might be especially valuable about resorts and permanently located large amusement areas. It's worth looking into if your problems are especially severe.

Insects usually leave the scene of DDT after getting a dose of it, and this has one disadvantage. Flies sometimes get stunned by DDT in a screened-in eating establishment and more not die at open Such flies and may not die at once. Such flies bumble about, fly into people's faces, (Continued on page 14)



Just the thing to brighten up your Midway. Dark walk-thru type built on semi-trailers. Beautiful 46-ft. panel front, new lighting effects, air compressor, ticket booth, etc. Thirty units sold last year. Actual returns prove it a top money winner. Requires only one operator, goes up and down in an hour's time. Very easy terms to established showmen.

> KING AMUSEMENT CO. MT. CLEMENS, MICH.



82 ORCHARD ST.

ROCKET SHIPS

(For Old Circle Swings and Seaplanes)

Built in 6 passenger and 8 passenger sizes.

Massive in appearance, light in weight. Frame work of welded tubular construction with covering of mirror polish stainless steel.

Thirty-six installations in the leading parks of the country. Thirteen sets have been delivered for 1947 operation.

We are now booking orders for 1948 operation, shipments to start in September. We can deliver two sets per month and deliveries will be made in sequence as orders are received. Six months required for delivery after order is placed.



March 29, 1947



INSECT ANNOYANCE ENDED IF DDT IS PROPERLY USED

(Continued from page 13)

fall on tables or counters, or drop at speeds not exceeding 4 or 5 miles into food. Some persons may object per hour, in swath-widths of from to this. Screened food establishments 50 to 100 feet. Don't use fuel oil or kerosene sprays when it can fall in operation had better use space sprays inside which contain about 3 per cent DDT and 0.2 per cent pyrethrins in refined kerosene. Flies hit with this insecticide usually fall and stay right there. Circuses and zoological parks can use DDT to good advantage. Animal cages can be given a residual DDT treatment with he solutions or wettable powders. Such treatments will control many of the insect parasites which affect animals, such as fleas. In treating cages, the residual treatment will also kill many of the other insects annoying to animals, such as biting flies. When horn flies are abundant and annoving on show stock, they may be controlled easily by spraying each animal with one quart of a water spray containing 0.025 per cent of DDT in a wettable powder. This is re-markably effective.

Control for Short Periods

For short periods of time, say one to four hours, a crowd can be pro-tected from insect annoyance by using space sprays. DDT aerosols, or 5 per cent DDT in kerosene or fuel oil may be used for this purpose.

The size of the area to be covered more or less determines the equip-ment which should be used to put the protective sprays on. The entire area over which protection is desired, plus an additional perimeter of ap-proximately 100 yards, should be thoroly gone over.

There are several methods of applying space sprays, with about equal effectiveness. Small areas of only a few acres require relatively small amounts of spray. The aerosol "bomb" will do such jobs satisfac-torily. Each of these bombs will continue to produce spray for approxi-mately 13 minutes. To apply a space spray from such equipment, the con-tainer is held in the hand and the cap is removed. The starting posi-tion should be about 100 feet outside tion should be about 100 feet outside the upwind portion of the area to be protected. The person making the application should walk across the windward side of the area so that the spray will drift with the wind thru the vegetation and across the area to be protected. Upon reaching the opposite end of the area, another spray swath about 20 feet wide should be made on the return trip. Area should be covered in this man-ner. Such an application should be ner. Such an application should be made within the hour before opening the area to the attending crowd. Effects of the spray will be lost in a few hours for a new crop of insects will come into the protected area from the outside. This method was used by the armed services to pro-tect the men from mosquitoes during early evening movie hours in the jungles of Pacific Islands. There is jungles of Pacific Islands. There is little or no residual effect in space sprays. Additional protection can be secured, however, by periodic and judicious use of the aerosol along the upwind side of the area.

Larger areas may be protected in the same manner and for longer periods of time by spraying 5 per cent DDT in fuel oil or kerosene by means of power air-pressure paint spray-ers carried in definite swath pat-terns by trucks. Spray nozzles should be adjusted to deliver an extremely be adjusted to deliver an extremely fine spray, and they should be at-tached to upright standards bolted to the truck so that the spray is de-livered from higher elevations. Two or more spray nozzles may be at-tached to the same upright. The truck is then run slowly crosswind

on people-they won't like it.

These methods are of value only These methods are of value only when the acreage is so great that it cannot be covered in a reasonable length of time in any other way. When larger areas, say several square miles need protection, it's best to use small aircraft to put down the pro-tection sprays, either fixed-wing planes or helicopters. DDT solution, carried into the air, is released in fine droplets by means of various kinds of nozzle arrangements in defikinds of nozzle arrangements of various kinds of nozzle arrangements in defi-nite swath widths over the area. Applications made with aircrait, as in the case of the ground machines, should be made as early as the op-erators can see in the morning.

Advertizing feature of disinsectization by means of aircraft can hardly be overlooked.

DDT for Living Quarters

Each of the pests discussed affect living quarters and DDT is perfect for use in households. A small, hand pressure-sprayer or duster, is satis-factory for making such applications.

Take bedbugs now. Killing bed-Take bedbugs now. Killing bed-bugs is a simple process. They are found in obvious locations in the immediate vicinity of the place where they can find blood upon which to feed. You start to kill them out right there. On beds, you spray both sides and along the edges of the mat-tress with 5 per cent DDT in de-odorized kerosene. The cracks of the



ARE YOU CONSIDERING A BIG ELI WHEEL FOR 1948?

A large number of BIG ELI WHEEL or-ders have already been received for shipment next year. Any BIG ELI customer who has need for a wheel in 1948 should seriously consider placing his order very soon. At present rate of order arrivals, by early sum-mer our factory capacity for shipment next year will be entirely sold.

BIG ELI WHEELS will always be built of very highest quality material and work-manship. Neither quality of material nor labor will be sacrificed for big quantity pro-duction.

duction. You also have our pledge of prices in keeping with earning power. Purchasers of new BIG ELI WHEELS will always be assured of the best opportunity possible for a favorable re-turn on their investment. These have been BIG ELI Policies since 1906. They will be continued in future years.

ASK FOR PRICE LIST A-57 TODAY !!! ELI BRIDGE COMPANY Builders of Dependable Products for 47 Years 800-820 Case Ave., Jacksonville, Illinois bed should be given an application. Same for other kinds of infested fur-niture. Treated once in this manner, such furniture will have no bedbugs hydrogen bedbugs being made uncomfortable by insect bites or where they see inin it for many months.

Cockroaches travel considerably farther than bedbugs, but when you find their hangout the rest is easy. DDT, 5 per cent in refined kerosene, will do the trick when applied heavwill do the trick when applied heav-ily to the places where you find them. The DDT dust, 10 per cent, may do a better job but dust resi-dues may be unsightly in kitchens. Take your dishes and kitchen uten-sils off the shelves and out of draw-ers when you treat cabinets.

For ants, you find the ant nest, blow DDT dust or spray DDT solu-tion on and around it. Especially on the trails they follow.

DDT dust, 10 per cent, is the easiest and most effective way to get rid of lice. You dust it on wherever the lice are and not take a bath for 24 to 48 hours.

Cautions

Cautions Many insecticides are poison. So is DDT. It must be treated with as much respect as generally given to any poison of this type. In dusts or water-dispersible powders, DDT is not absorbed and is safe to use on the skin. In oil solutions, DDT is absorbed thru the skin and it should be washed off promptly. It is a stomach poison when taken in-ternally so it must be kept off of food, and cats must not be treated with DDT in any form. Animals which do not lick themselves may be treated with either DDT powders or with DDT sprays containing water-dispersible powders. Oil soluwater-dispersible powders. Oil solu-tions containing DDT must not be used on animals under any circumstances.

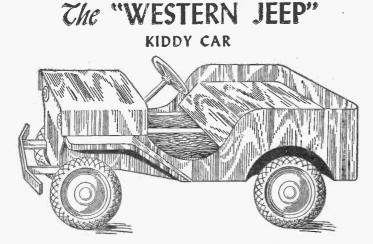
Conclusions

The day of insect annoyance is minds. It was about over, so far as the paying them to forget-

by insect bites or where they see in-sects which they think might infect them. Insects which represent filth in the minds of most people, such as flies and roaches, drive people away from fairs and resorts, just as effec-tively as those which actually bite and so produce direct annoyance. Even exhibitors won't stand mental Even exhibitors won't stand mental or physical discomfort for a long period of time and they don't like to see their livestock annoyed either! To the four "Freedoms" we have all heard so much about, we now must add a fifth one—"Freedom from Bugs."

Every State has a State Entom-ologist. If you run into a bug problem and have trouble with it, let him give you the answers. For free. Address him at the State Agricultural Experiment Station. But don't wait until the last minute.

DDT, the insecticide recommended to the armed services for their insect problems overseas by the Bureau of Entomology and Plant Quarantine, is the answer to many insect problems. It solves such problems rather easily. The public is fully aware of this fact. Mr. and Mrs. John Q. Public who pay money for entertainment know that been is little excuse for most insect problems. Almost every housewife knows there is no reason for bedbugs, fleas, roaches, flies, or mos-quitoes. She hears it over the radio. She reads it in her magazines. She won't let little John Q. Junior go where she thinks he might be con-taminated. Returned GI's who spent taminated. Returned GIS who spent time on the Pacific Islands will spin yarns for you about the pre- and post-DDT days on the tropical is-lands. What this insecticide did out there will always be fresh in their minds. It was just too obvious for -ever



Bring Your Old, Worn Out, Kiddy Car Ride Up to Date INSTALL THESE ALL ALUMINUM, BRIGHT AND SHINY, "WESTERN JEEPS" ON YONR PRESENTLY OWN. ED XIDDY AUTO RIDE, AND YOU WILL HAVE ONE OF THE MOST ATTRACTIVE AND OUTSTANDING KIDDY RIDES EVER DEVISED BY MAN-KIND.

RIDES EVER DEVISED BY MAN-KIND. THE "JEEP" WAS IMMORTALIZED BY THE G.I'S. THROUGHOUT THE WORLD, AND ITS APPEAL TO THE CHILDISH FANCY IS A SHOWMAN'S "NATURAL", BUILT OF BRIGHT, SHINY, TEMPERED ALUMINUM (24 ST .060] AND TRIMMED IN THE GAYEST OF REDS WITH AN ALL STEEL RUBY-TIPPED RADIO ANTENNA AND LUSTROUS BLUE STEERING WHEEL A "GORGEOUS FLASH—IT WILL BRING IN THE CASH."

Specifications

80DY—all aluminum 24 ST .060 thickness. FRAME—Steel angle. AXLES—1/2" cold rolled steel. WHEELS-10" Die Cut tempered aluminum. BEARINGS-full length roller bearings.

TIRES-size 10 x 1.25 all rubber. BODY LENGTH-3 feet 2½ inches. BODY WIDTH-19 inches. BODY HEIGHT-15½ inches. BUMPER-21½ inches long.

YOU CAN'T GO WRONG ON THIS ONE. MODERNIZE YOUR OLD, WORN OUT KIDDY RIDES AND DO IT QUICK WITH THE "WESTERN JEEP".

PRICE \$50.00 Each, Ready To Install. TERMS: 1/3 Cash with Order, Balance C. O. D. F.O.B. Spokane, Washington 2% Dis. for full cash with order.

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"... GOOD THINGS ARE WORTH WAITING FOR!"

"Immediate Delivery"? . . . "Early Delivery"? . . . Reliable manufacturers of proven, wanted products usually have to say . . . NO, Sorry."

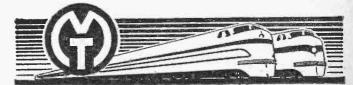
We happen to be one of those manufacturers. The demand for our authentic trains has been tremendous -and in spite of the fact that we have more than doubled manufacturing facilities we still cannot offer "Immediate" or "Early" delivery-but we will fill all new orders as quickly as possible.

PLACE ORDERS NOW!

Avoid disappointment! Place your order now! All orders are filled in strict rotation.

MODEL G-16 . . . 100 passenger adult size train-The finest designed and built ride in America! Authentic 1/5 scale of the newest streamliners! MODEL G-12 . . . The famous streamliners operating from Canada to Mexico City; New Jersey to Honolulu. By far the top money maker of kiddie rides.

WRITE OR WIRE FOR DETAILS



MINIATURE TRAIN AND RAILROAD CO.

NEW SALES OFFICES: 333 W. FIRST ST., ELMHURST, ILL.

THRILL RIDES MAKE A PARK

"RIDES and more rides. No part of the public has been neglected by the park's management in providing thrill devices, for there are the fast, breath-taking modern rides and the old-time tried Merry-Go-Round and Ferris Wheel, as well as the garden of kiddie rides for the tots."

So, or in words to that effect, read most park advertisements. For over a half century rides and park have been closely linked. As a matter of fact rides are often considered a park.

While I was in Cincinnati in 1943, a passing-thru midwayite stopped over to say hello. "What ever became of So-and-So?

I asked.

"Haven't you heard?" he asked in a surprised voice, "He couldn't get enough help to tear down and set up his rides, so he put them on a vacant lot down South near a camp and opened a park. He's in the chips now. Booked another ride and 20 concessions and gives merchandise off his hing as nightly gate prizes. That his bingo as nightly gate prizes. That ain't all, he's giving a big park plenty of opposition because he's right under the soldiers' noses."

Defining a "Park"

Mentally picturing a Coney Island going broke thru lack of patronage, I asked, "What park is it?"

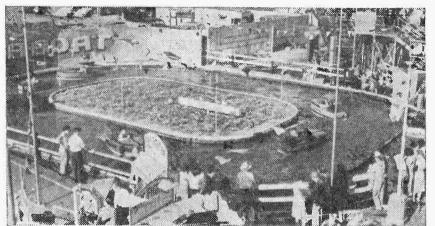
"Don't know what they call it, but its a guy who owns a helluva big Penny Arcade and six rides. They tell me he has even sprung for two pay toilets." According to boomtime standards, rides make a park.

I'll admit that the word "park" is a much abused word. Webster de-fines it as "a large tract of ground used as a recreation center." Altho he says nothing about an amusement

Even a single device proved enough in boom times-spots built as inventors progressed By STARR DeBELLE

Even the he lacked swimming pools, dance pavilions, roller rinks, water fountains, rest rooms, free acts, benches or walks, he continued to

park, he defines "amusement" as: "To beguile, entertain, divert, give enjoy-ment." Then he defines beguile as: "To deceive, impose upon." Accord-ing to Webster, our traveling friend had a park. Even the he leafed take them home. The rides are the thing. An old park concessionaire told me. "Before I invested in pig iron, I merely made a living.



SPEAKING OF RIDES making a park, this Drive-a-Boat is one of the top draws at Gay Way, Virginia Park, Long Beach, Calif., managed by H. A. (Pop) Ludwing.

How About Progress?

I am really not a parkman. I have rorked in some. The last was an worked in some. The last was an Ohio park where I served as its press agent. I have met many park opera-tors and have heard them express their views. Once while visiting a recreation center in the Middle West, a park manager complained because traveling shows came to town with the latest in thrill producers which hurt his business.

"Why don't you get them? I asked. "I haven't the room to expand," he nswered mournfully. "Look," I "I haven't the room to expand," he answered mournfully. "Look," I added, "If you would move the old Tumble Bug and Seaplane rides you have over there, you would have plenty of room for three new rides."

"What!" he yelled with indigna-tion. "Those rides have set there for almost 20 years. They paid for themselves the first season, and they still make me money."

I said no more, but noticed signs or their ticket boxes that read, "10 Cents plus 2 cents tax," while the other ride boxes carried 25-cent admission signs.

Ride operators make successful park operators. Harry A. Illions, for example, operated the largest port-able rides ever built—the Bozo, Scenic Railroad, Dragon's Pup and Sky Hooks, under the title of Maynes-Illions Rides. Today he is a success-Illions Rides. Today he is a successful park operator in Jamestown, N. Y. He knows the value of thrill devices. Rides make a park.

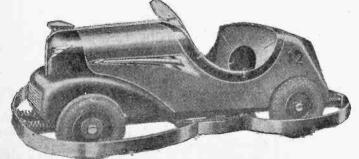
A big name band was booked for a small eastern park's dance pavilion. "Can you take in enough money to pay the band its guarantee?" I ques-tioned. "If the dance breaks even or even loses a little I'm still money



Amusement Equipment Engineers. Makers of Bumper Cars and Tracks: Speedway Cars and Tracks: Round Rides: Juvenile Rides, etc. Complete Amusement Parks designed and equipped.

Ateliers de fabrication d'attractions foraines. Constructeurs d'autos et autodromes "choc"; de voitures et pistes "Auto-sport"; de Carrousels roulants; de maneges pour enfants, etc. Plans et installations de parcs complets d'attractions.

> Ingenieros de Equipos para Empresarios de Especaculos. Fabricantes de Autos Topadores y sus Pistas: Autos y Pistas de carrera: Pistas Circulares: Pistas Juveniles, etc.



LANG WHEELS SPEEDCAR WRITE FOR CATALOG AND DETAILS (MFG.)LANG No. of Lot, No. 165 FENCHURCH STREET, LONDON, E. C. 3, ENGLAND



LETTER FROM OWNER SUNSHINE MFG. CO. Dear Mr. Holman:

Columbus, Georgia, Dec. 4, 1946.

 SUNSHINE MFG. CO.
 Commous, Georgia, Dec. 4, 1940.

 Dear Mr. Holman:
 Well, we are in for the winter and thought I would drop you a friendly line or two.

 Couldn't book the Train at Birmingham, Ala., as they had one booked. The first week was the fair here with Hennies Bros. We grossed on the week \$1200.00.

 The Train performed O.K.
 Your Sincere Friend,

 FRANK C. DAVIS, 524 Broadway.

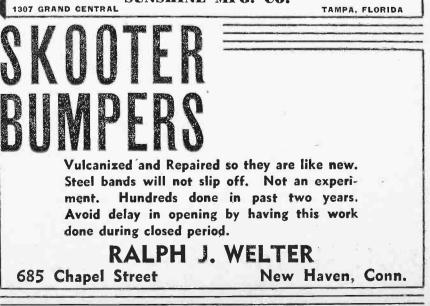
 Not a streamliner, but an old-fashioned train, smoke stack, bell, steam dome, with ride appeal to young and old. They come miles to ride and re-ride. A proven money maker, often topping major

 Rides. Built by a carnival owner for years of hard service. Has a record of 800 passengers in 3 hours and 20 minutes at 20e. Sets up in 35 foot circle in one hour. Four cars—24 children or 12 adult passengers. Runs with 110 single phase motor. Complete all metal fence, ticket box, 2300

 Ibas. Price F. O. B. Tampa, \$1625.00.
 Three cars, \$1500.00. We deliver 15e mile one way.

 Can be operated by one man or woman from ticket box. Make delivery within 30 days after receiving order. \$200.00 deposit required. We guarantee this ride to be one of the biggest money makers on the market for investment and labor required to operate. Send one dollar for large photb and catalog.

 SUNSHINE MFG. CO.



ingly. "You don't realize what the Chutes in 1901. As today thrills were to the ultimate success of the park it- ride there was a home-made affair rides will gross before and after the immensely popular and the Chutes self and to the success of other de- with crossties for a base, a centerdance and during the intermission." Rides make a park.

No Transportation Problem

With the automobile, transportation to a park is no longer a problem. During the early days an advertising man for a bicycle firm wrote, "To my no- the beginning of this century. Among tion, the bicycle is largely responsible for the existence of the number of parks, summer gardens and pleasure resorts. If this is true, and we think it is, it is another example of the law of compensation, for no other device was ever so roundly cursed by theatrical folks as the bicycle. But ing posts for the descending circular while cutting off both ends of the theatrical season, it was also opening the eyes of city folks to the beauty and charm of outdoor entertainment."

A streetcar company's press agent wrote, "Trolley cars have done more to build up a system of summer parks than anything else that could have been devised."

No matter how they ride to a park, they still want to ride for thrills. It reminds me of the story about a hill- that I rode it four more times before billy who rode his mule 40 miles to going home." a park and then spent the day riding the horses on a Merry-Go-Round.

pealed to the masses. The bicycle devices for all years to follow. The several types of bicycle carousels and came famous. Newspapers called it

became a great revenue producer. Then came Shoot the Rapids, which a menace, in short, to the best interwas a Roller Coaster and a Chute combined. About that time appeared The most innocent looking device the Old Mill.

The era of flat rides started about the first were Van Kannel's Witching Waves and Bradwell's Scrambler. Thompson invented the Helter Skelter and Cagney produced the miniature steam locomotive. The Tickler, invented by Mangels in 1907, operated on a broad incline with bumpcars. It created a great flurry at the time. Park operators then realized that the American fun seekers wanted thrills and not stage productions. They invested wisely in sensationproducing devices. The bigger and faster the ride the better. I have heard women of mature ages say, "That mile-a-minute Sky Ride scared the dickens out of me. I kept praying for it to stop. Liked it so well

That "Switch Railroad"

In 1884 L. A. Thompson installed Long before the day of portable the Switch Railway in Coney Island, rides (that is, in abundance), parks a momentous event that was to inhad the large thrillers. They ap- fluence development of amusement craze in the Gay '90s brought out slogan, "Ride it Just for Fun," bebicycle railways without marked suc- a park device that is dangerous and a

THE SHOWMAN'S ANSWER --- TO THE NEED FOR SOMETHING NEW IN ENTERTAINMENT SPINECH THRILLING DIFFERENT AI FOR FUN All FORT The Funhouse That's Different HAGAAR ATTRACTIONS 500 MICHIGAN BANK BLDC. DETROIT 26, MICHIGAN TELEPHONE: CAdillac 8290 ROLLO THE WONDER HORSE and the strength of the Fastest Money Making Ride Ever, for Young and Old. INDIVIDUAL INCENTIVE SPEED OPTIONAL WITH RIDER ROLLOS ARE MOTIVATED FROM THE SADDLE; 21/2-INCH STROKE GIVES A 55-INCH FORWARD THRUST. SIMPLE FOOL PROOF MECHANISM ENCLOSED IN SEALED BEARINGS We lease units of 10 horses, 40x60 top, and sectional flooring. **GUARANTEED DELIVERY IN 60 DAYS** WRITE FOR DETAILS-VISITORS WELCOME ROLLO, Inc. 436 NORTH H STREET FRESNO, CALIFORNIA

vices in the park and in other parksests of amusement parks anywhere. may be the most dangerous, and vice versa. But thrill seekers merely read the warnings and rode. Rides are the ored inventor-operator. backbone of any park.

Several years ago while I was driving thru a hamlet in the Deep South, a sign over a rundown baseball park it here mo' as a drawin' card." attracted my attention. It read, "Frivolity Park." The grounds were ing rides that thrill our youth.

ahead," the operator answered smil- cess. Then came the Shoot-the- menace not only to the patrons, but packed with thrill seekers. The only pole that was impossible, sweeps like those on a Merry-Go-Round and ladders hanging from them with ropes, which the patrons rode. The thing actually turned.

"How's business?" I asked the col-

"Slow, suh! A bit slow, suh!" he drawled. "A soba man won't ride it and a drunken one cain't. We keeps

Rides make a park, the fast thrill-

PARKS AND CARNIVALS can obtain for Spring delivery **NEW 1947 TYPE** LAUGHING FIGURES Laffing Luke **Giggling Gertie** ANIMATED HEADS HUMOROUS AND GROTESQUE THE SKIPPER THE DEVIL THE TOUGH GUY THE WITCH THE SINGING GIRL THE BEARDED GIANT STUNTS FOR DARK RIDES OR FUN HOUSES THE GORILLA THE FALLING GHOST THE GIANT AND DWARFS LAFFING LUKE and GIGGLING GERTIE are life size figures in a sitting position, real action and lots of fun. They are complete with amplifier, record changer, speaker and 20 records. Both figures could be used in front of any ride or device, and are the best ballyhoo ever used. They earn their cost in a few weeks' time by increased receipts.

ANIMATED HEADS may be used alongside of Laffing Luke or Giggling Gertie as a background, or a group of these heads with bodies painted to suit heads will dress up and liven up most any front on any ride or device. The heads may also be used as stunts inside a ride or fun house.

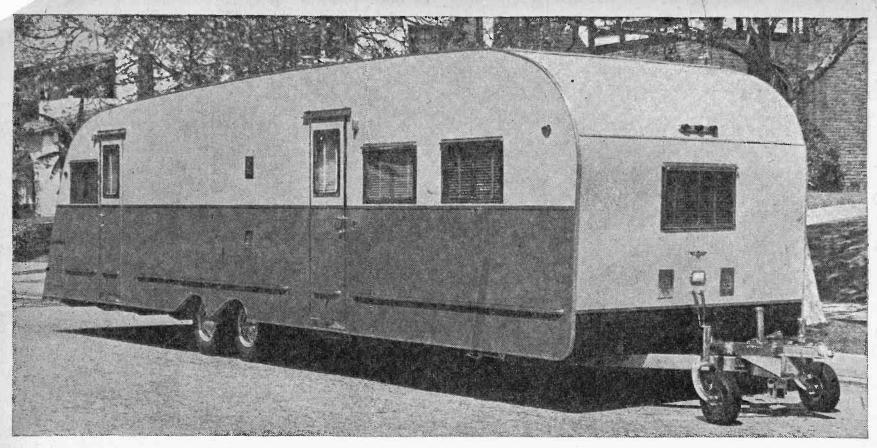
The size of heads averages about 32 inches high, 32 inches wide and 7 inches deep, with motor mounted inside of head. They are complete ready to plug in. Our photos show suggestions for painting bodies and background if required.

THE GORILLA and FALLING GHOST are compressed air activated stunts for Fun Houses or Dark Rides. They are scary and can be installed in a reasonable sized space. A small compressor will operate both if air is not already available.

THE GIANT AND DWARFS STUNT is really an outstanding animation continuously in operation, with motor included, for installation in Fun Houses, Dark Rides, and especially for scene sheds in Old Mill or Water Rides. Size-10 feet long, 7 feet high, 3 feet deep.

OUR SUPPLY OF FIGURES IS LIMITED SEND FOR PHOTOS AND ADDITIONAL DATA

PHILADELPHIA TOBOGGAN COMPANY 130 East Duval Street, Germantown Philadelphia 44, Pennsylvania.



Dollies, which incorporate the utmost in "backability," are being turned out in increasing numbers. Such dollies are a boon to outdoor showfolks because they facilitate speedy, easy and level spotting of a trailer on location. Pictured above is a tandem custom-built job which features one of the latest dollies.

TRAILERS FOR ALL PURPOSES

TROUPERS of the carnival, traveling shows and circus enterprises have long been one of the strong segments of the backbone of the trailer industry. They are the discerning customers. They are the people who want smart looking, well constructed trailers. They are the people who are most vitally interested in improvements because to them trailering on the move is a vital, serious part of of the best there is to offer in the trailer dollies was seen at the show. their lives.

The look into the future of trailers chance to see for the first time under shortage. one roof more than \$500,000 worth

National show offers variety designed to suit all purposes-most attention given to modern appliances for fouring comfort

By EDWARD L. WILSON

Managing Director, Trailer Coach Manufacturers' Association

trailer industry.

Show "Cruiser" Models

They saw a tendency on the part was given at the 1947 National of many manufacturers to come out values of aluminum or composition Trailer Coach Show, held in Chicago, this year with shorter cruiser models, March 15 thru 23. There at Navy more adaptable to varied highways Pier, the public (and many of the than the large models which have bethrong included the troupers) had a come so popular during the housing

More and more dollies are being developed with "backable" features.

The debate about the comparative exterior finishes still goes on, but the show indicated that the public may definitely make up its mind on this matter. Not only were plenty of trailers covered with both finishes ex-An increase in the development of hibited, but several plastic-finish trailers are now on the market.

Better Facilities

Improvements in wash stands and shower facilities, particularly in custom trailers, are definitely on the way, and hot water heaters are growing in popularity.

While the standard-type heating stove manufacturers are continuing to improve their product, a new stove is now on the market. It is mounted its trailer provide a sturdier conunder the cook stove and boasts a decrease in the use of space. Whether or not trailer users will prefer the new-type stove and whether or not improved interiors and interior finit will be adaptable to all trailers is ishes. like the exterior finishes, a debatable question.

Anent Roof Angles

One company has developed a gations in the aluminum sidewalls of along.



EDWARD L. WILSON

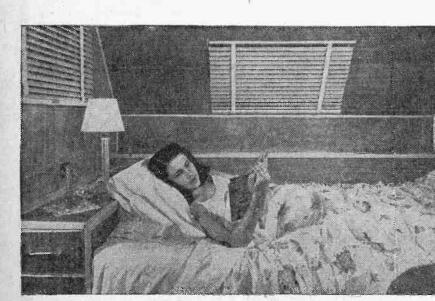
EDWARD L. WILSON is managing director of the Trailer Coach Manufacturers' Association, with offices at 111 West Washington Street, Chicago. A member of The Chicago Tribune staff for 15 years, Wilson during the war served as U. S. Navy public relations officer for Northern Ohio

struction.

The availability of lumber in better grades is benefiting the public thru

The general development in the industry, which was portrayed at the 1947 show, proved there is a substantial improvement program in change in the roof angles which it progress in most trailer plants and maintains is an improvement, while that trailer users stand to see better another company claims the corru- trailers developed as 1947 moves

night table.



The gal shown above is easy on the eyes. So, too, is reading in bed in one of the

new trailers. End drawers serve not only for storage space, but as head-rest and



Showers are a must with showfolks. Shown above is a model trailer with shower. Note the convenient location of the wash-basin, with medicine chest and shelves for toilet articles built on the other side of the shower. Poor lighting is a thing of the past. Note the overhead concealed light directly over the wash basin, and near by the sidewall fluorescent light—guarantees of enough light for the most demanding shaver.

Aim To Improve Trailer Parks

An extensive plan for the improvement of trailer parks and assistance to park operators has been launched by the Trailer Coach Manufacturers' Association. A \$250,000 appropriation has been made to stimulate interest in the establishing and maintenance of clean, attractive and well-regulated trailer parks.

Included in the trailer park betterment program are the production of a color-sound movie on the construction of good trailer parks, the publication of a monthly magazine, *Trailer Park Progress*, for park operators, and the compiling and publication of a trailer park guide.

J. Lee Brown, TCMA's park director, is currently touring the country in his specially constructed TCMA Scout trailer, inspecting and counseling park operators on improving their establishments. The trailer park guide book will list facilities offered by trailer parks thruout the country and will give TCMA ratings of parks, based on Brown's inspection of how the park measures up to standards set by TCMA.

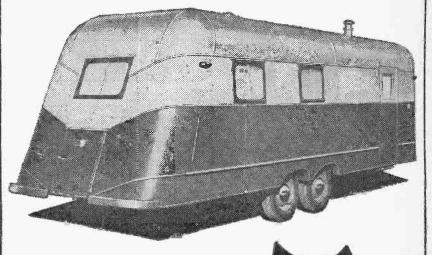
An informative booklet on trailer park construction and operation is also available from TCMA for all persons interested in establishing good trailer parks. A comprehensive research program, which included studies of living conditions in trailer parks, has already been completed, and TCMA's extensive national advertising and publicity program also follows a trailer park theme.



Kitchens in the new model trailers offer the maximum in eye-appeal, the utmost for efficient use. Typical is the two-sectioned, stainless steel sink pictured above. Each section provides ample space. Use of stainless steel enables quick cleaning and provides attractiveness to the kitchen. Note the compactness of the kitchen arrangement, the tile-effect of the wall, the overhead light, the stainless steel herdware and the spacious, well-situated closets.

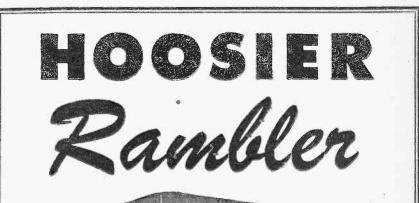
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- ★ Lowest Cost for Highest Quality

WRITE FOR FURTHER PARTICULARS

HOOSIER RAMBLER CORPORATION 1362 LAFAYETTE AVENUE TERRE HAUTE, INDIANA

Pastel Colors Practical for Fair Buildings

Frank Kingman, manager of the Brockton, Mass., Fair and secretary of the International Association of Fairs and Expositions, is a firm beliver in paint with a purpose on his fair buildings. And last year he came up with a paint face-do on the Brockton buildings which may well serve as a model for other fairs.

Seeking not only to cover the buildings, which needed paint, but to achieve a striking psychological effect, Kingman introduced and executed the idea of painting the outsides of all buildings in various light pastel colors.

Colors Alternated

Colors used were light blue, light green, pink and buff. Some of the same colors were used on various buildings, but no two buildings done in the same color were next to each other. At the bottom of each building a band of a dark color was painted. This band harmonized with the color of each building.

Thus painted, the buildings were striking. They threw off plenty of "life" and at night furnished high reflection value.

Has Customer Appeal

⁶⁶There is no doubt but that the colors made a striking appearance, and not only did they make an impression when people walked thru our gates, but they continued to make an impression everywhere our patrons went because we painted everyone of our major buildings. We know that the colors had a psychological effect on everyone, and they liked it," Kingman said in summing up the effects.

To further heighten the effect of the painting, a number of flower beds were installed near the buildings. This year, according to Kingman, more will be added. "We think it very important that fairs pay more attention to landscaping that way," Kingman explained.

Use of Display Paper

In a number of buildings, display paper of various kinds was used. In the poultry building, for instance, the walls were all covered with blue and orange display paper. Down thru the aisles in this building (and the aisles were laid out in curves to avoid straight-line effect), tall display paper was used between two rows of coops, which were placed backto-back, so that it was impossible for anyone to look from one aisle to another and also impossible to see the end of an aisle without walking the aisle's full length.

Commenting on the use of light outside colors, Kingman pointed out that they fade more quickly than dark colors, and this, of course, neccessitates more frequent painting. As for shades to be used, Kingman said there are hundreds from which a choice can be made.

Night Changes Possible

It is possible at night to achieve color effects on buildings thru illumination. Buildings painted white could be changed by color spotlights, but this would require operators and, of course, the building would remain white in the daytime, Kingman points out.

It is Kingman's contention that fairs are missing good bets if they don't use color and light to the best advantage. "I think," he says, "that every fair is overlooking a basic element in their operation in not using color and light in every way possible, and that they should think about the use of water in the forms of fountains and pools."

Detailed Specifications of Every Trailer Coach Model Manufactured by Members of the Trailer Coach Manufacturing Association Are Listed Below:

Symbols: Sgle.—Single, Tan.—Tandem; Car.—Caravan, Con.—Conventional; M—Masonite, A—Aluminum, P—Plastic, S—Steel.

Model	Length Overall	Length of Body	Height Exterior	Height Interior	Width of Body	Axel	Type	Covering	Weig	ght
"2001	0.0				0	Company, Inc.				
"202"	24'	22'	8'4 ¹ / ₂ "	6'8''	7'9"	Sgle.	Car.	A	3750	lbs.
ę.				Alma I	railer Compa	ny				
"61" "85"	24'6''	17'8"	8'6"	6'3"	7'8''	Sgle.	Con.	M	3600	
"90"	28'6'' 30'6''	22'6"	8'6'' 8'6''	6'3" 6'3"	7'8'' 7'8''	Sgle. Tan.	Con. Con.	M A	4280 4830	
Challenger			00	6		ran.	C011.	- D	4000	tps.
"S18" "S21"	20'9'' 23'9''	$18'2\frac{1}{2}''$ $21'2\frac{1}{2}''$		6'7" 6'7"	7'11''	Sgle.	Con.	A	3090	
"S24"	26'9"	$24'2'_{2}''_{2}''$		6'7"	7'11" 7'11"	Sgle. Tan.	Con. Con.	A A	3480 4320	
"S27"	29'9"	27'21/2"		6'7"	7'11"	Tan.	Con.	A	4850	
Liberator "M18"	20'9''	18'21/2"		7'1/4"	7'11"	C «lo	Com	•	0150	17
"M21"	23'9"	$21'2\frac{1}{2}$		7' 1/4"	7'11"	Sgle. Sgle.	Con. Con.	A	3150 3560	
"M24"	26'9"	24'21/2"		7'1/4"	7'11"	Tan.	Con.	A	4420	
"M27"	29'9"	27'21/2"		7'1/4''	7'11''	Tan.	Con.	Α	4960	lbs.
				American	Coach Com	pany				
Home-	24'	22'	9'	6'8"	7'9"	Sgle.	Con.	м	3895	lbs.
crest						1			0000	100,
"22" "25"	24' 27'	22' 25'	9' 9'	6'8'' 6'8''	7'9" 7'9"	Tan. Tan.	Con. Con.	M M	3985	
	1	20	9	0.02	13	I dii.	C0II.	291	4620	IDS,
			$\mathbf{v} \in \mathbf{C}$	icago Str	eamlite Corp	oration				
"Shore-	27'	24'	9'6''	7"	8'	Tan.	Car.	Р	4900	lbs,
land" "Prince–	23°	20°	9'5''	7'	8'	Sgle.	Car.	M	4300	Iba
ton"	20	2.0	30		0	ogie.	Cal.	<u>. 191</u>	4000	IDS,
					I Trailer Com					1
"Imperial 275"	27'	25'	9'4''	6'7''	8'	Sgle.	Car.	M	4750	lbs.
210						or Tan.				
"Imperial	31'	29'	9'6''	6'9"	8'	Tan.	Car.	м	5500	lbs.
300" "Cruiser	23'	21'	9 ' 4''	6'6''	8'	Sala	Cor	3.0	2950	116.0
230"	20	<u>ک</u> ک	94	00	0	Sgle.	Car.	M	3250	IDS,
					way Coach					
"Silver Liner"	24'7"	22'2"		6' 8''	7'10½"	Sgle.	Car.	A	37 50	lbs
	-		/	Drexle	er Coach, Inc	1				
	25			6'10"	8'	Sgle.		M	5	
•					ach Corporati	on	7			
Monarch	29'	27'5"	8'6"	6'10"	7'8"	Tan.	Car.	A	5000	lbs.
				Elear Co	ach Corporat	ion				
Elcar	25'	22'	7'6''	6'2''	7'6½"	Sgle.	Car.	М	4200	The
Star	20'	18'6"	7'6"	6'2"	7'6½"	Sgle.	Car.	M	2300	
				01:1 /				5		
"35"	001011	6.01	01011		Yrailer Compa	•	a			
"35" "75"	22'6'' 25'6''	20' 23'	8'6'' 8'6''	6'4'' 6'4''	8' 8'	Sgle. Sgle.	Con. Con.	M and A M and A	$3700 \\ 4560$	lbs,
"77"	26'6"	24'	8' 6"	6'4''	8'	Tan.	Con.	M and A	4920	
				T • D			1			
"B"	23'	21'	8'6''	100sier Ka 6'6''	mbler Corpo 8'	Sgle.	Car.	M	3590	lbe
	20	21	00			Ogic.	· Cal.	141		IDS.
				Howa	rd Industries					
"21"	23'	21'	8'	6 '6''	8,	Sgle.	Car.	S and A		
"25" "30"	28' 33'	25' 30'	8' 8'	6'6" 6'6"	8' 8'	Tan. Tan.	Car. Car.	S and A S and A		
			Č.			1.0111	Guz.	Dunum	-	+
					ailer Corpora					
'Chieftain	26'7"	24'	9'	6'6''	7'9''	Tan.	Car.	A or M	4800	lbs.
DeLuxe" 'Warrior DeLuxe"	22'7",	20°	8 '11''	6'5''	7'9''	Sgle.	Car.	A or M	4000	lbs.
Denuxe			¥	nwood T	miler Coach	Inc	**		*	
18"	20'6"	18'	9'	6'6"	railer Coaches 8'	Sgle.	Car.	A	5190	lbs.
			1	1 0 1	C 1 C			1		
					Coach Comp	-				
"Ambassa-	26'6"	24'	9'4''	6'8"	7'8"	Tan.	Car.	M	5400	lbs.
dor"	24'10"	22'4"	9'4'	6' 8''	7'8"	Sgle.	Car.	M	4250	lbs.
"Com-	24 IU			00		DSIC.	COUL .		2000	

((05))	051	0.01			ich Company		9	-	1000	
"27"	27'	24'	9'4"	6'6"	8'	Tan.	Con.	M	4900	lbs
"Silver	33'	30'	9'	Lighthouse 6'7"	Trailer Cor	npany Tri.	Con.	M and A	5500	lbs
Queen" "Silver	27'	24'	9'	6'7"	8'	Tan.	Con.	M.	3700	
King"				T CCI		0				1
"Luxor"	25'	22'5''	Lu 7'1''	6'6"	well Coach	Sgle.	Car.	M	3750	lbs
"Silver Lark"	16½'	14'	Mai 7'9½'		ailer Coach 7'	Company Sgle.		M or A	1700	lbs
"Owosso"	27'	24'	8'6''	Milleraft P 6'3''	roducts Con 7'9''	npany Tan.	Con.	с	4100	lbs
"Modern 23"	23'	20'	8'3"	Modern 'I 6'5''	Frailer Comp 7'6"	bany Sgle.	Con.	M	3200	lbs
	0.01010	201			Trailer Con					11
"Walco"	22'6"	20'	8'	6'7''	8'	Sgle.	Car.	M or A	3800 3300	
-					railer Corpo	ration				
"Castle" "Chalet"	26' 24'	24' 22'	8'9" 8'9"	6'3'' 6'3''	8' 8'	Tan. Sgle.	Con. Con.	M M	$5000 \\ 4296$	
"Lodge"	23'	21'	8'9"	6'3"	7'	Sgle.	Con.	M	3860	
				Palace	Corporatio	11.				
"Majestic	26'11 ½"	24'7"	9 '5''	6'9½"	8'	Sgle,	Con.	А	4000	lbs
Liner" "Wolverine"	24'	22'1 ¹ /4"	8'1"	6'6"	8'	Sgle.	Car.	А	3870	lbs
212.					railer Coac	1				
"Pan American"	27'	24'	8 '6''	6'6"	8'	Tan.	Car.	M or A	4600	ibs
"Pan American"	31'	28'	8'6"	8'6"	8'	Tan,	Car.	M or A	5400	lbs
				Platt Trail	er Company	, Inc.				
"Platt _25T"	25'	22°	9'	6'8''	7½'	Tan.	Con.	Μ	4780	lbs
"Platt 21S"	21'6"	19'	9'	6' 8''	7'6''	Sgle.	Con.	М	3740	lbs
				Prairie Sch	ooner Traile	er Co.				
"80"	23'	20'	8'6''	6'4''	8'	Sgle.	Con.	M	3200	lbs
				-	Products Con					
"25-47" "20-47"	27'6'' 22'6''	25' 20'	9' 9'	6'6" 6'4"	8' 8'	Tan. Sgle.	Car. Car.	A or S A or S	4800 3800	
20-11					Frailer Com					
"New Moon"—	27'	24'	8'8"	6'4"	8'	Tan.	Con.	M and A	4600	lbs
Model 27 Model 24	24'8"	22' 15'	8'8'' 8'8''	6'4" 6'4"	8' 7'6''	Sgle. Sgle.	Con. Con.	M and A M and A	3960 2825	
Model 17	17'6"	10	0.0						2023	105.
"47 TAL"	25'6"	23'	8'	Roycraft 6'6''	Coach Com	pany Tan.	Car.	А	4130	lbs
	0.01	0.01	01011	Schult 6'7"	Corporation 8'		C		4177	
"Luxury Liner"	26'	23'	8' 3"	•	-	Tan.	Con.	A	4175	
"DeLuxe Commodore"	21'	18'	8'3"	6'7''	8'	Sgle.	Con,	Α	3200	lbs
'Colonial	23'	20'	8'	Sportsn 6'6"	1an Industri 7'8''	es Sgle.	Car.	А	3000	lbs
					Coach Compa		<i>C</i>	àr		
'Castlette''	26'6"	23'8"	8'4''	6'6"	7'6" Frailer Com	Tan.	Car.	M		
"Homette"	27'	24'	9'	6'6''	8'	Tan.	Car.	А		
'Texas" 'Marquette"	21' 12'	18' 10'	9' 9'	6'6'' 6'3''	8' 7'6"	Sgle. Sgle.	Car. Car.	A M		
			01(1)		l Trailers, I		0			
"Economy"	17'6"	14'6"	8'4"	6'4" Universal T	7'1" - railer Corpo	Sgle,	Car.	H	2350	105
"4425"	25'	221/2'	9'9"	6'4"	7 ¹ /2'	Sgle,	Con.	M	3700	lbs
"23"	26'	23'	Vagabo 8'6"	ond Coach 6'4½"	Manufacturi 8'	ng Company Sgle.	Con.	А	3700	lbs
- <u></u>					and Trailer					
"Zimmer Tandem"	26'	24'1½"		' 6'4½''		Dble.	Con.	M or A	4200	lbs



Outdoor Equipment Review Page 21

NEAREST HOWARD DEALER

HOWARD INDUSTRIES INCORPORATED Saginaw, Michigan



WINTER OPERATIONS HELP LICK SEASONAL BUGABOO AT PERMANENT FUNSPOTS

By JIM McHUGH

A LARGE percentage of the nation's amusement park operators have licked the seasonal bugaboo long attached to outdoor show business and have turned their enterprises into 52 - week - a - year enterprises with highly gratifying results. Altho activity outside the usual Decoration Day to Labor Day period is necessarily confined to limited operation, it does, for some parks, add up to as much as 40 per cent of the gross earned during the regular season and seldom accounts for less than 5 per cent.

Without exception, year around operators representing every section of the country who replied to a recent questionnaire circulated and compiled by *The Billboard* expressed satisfaction with their extra-curricular activities and in many instances indicated they would expand their late fall, winter and early spring operations as soon as possible. Altho weather eliminates the possi-

Altho weather eliminates the possibility of full year around operation by all but a few parks located in favored geographical zones, the success of many operators indicates that nearly all parks not currently concerned with off-season operation could enter the field successfully. Based on the experience of others re-

vealed thru the survey it would seem that a roller rink, and in some instances a dance hall only, provide the necessary nucleus for profitable full operation. The continued operation of either unit automatically insures the operation of allied concessions.

Accidental Beginning

In many instances the bonanza discovered in off-season operation had an accidental beginning. One postseason day or week after another was gambled on the strength of the business done during the previous effort until operations extended over the whole year, or at least a large part of it. Roller rinks and dance halls, with their attendant refreshment, supply and coin machine concessions, lived thru experimental stages, sometimes only making the operating nut, until they paid off handsomely. The expense, time and effort involved in original promotion has usually been negligible and more than justified by the ultimate returns.

An even 50 per cent of those participating in the survey reported year around activity. Of these, all but nine operate roller rinks. Dancing was favored by 15 while 10 reported operating both. Assorted off-season activities included numerous restaurants and other eating facilities, three



the hope that they would have addi-tional units operating before the end of the regular season.

Renovating units for cold-weather operation will involve nothing more complicated than the installation of heating units for ballrooms at the several locations where it is planned to continue dancing. By so simple to continue dancing. By so simple a procedure it will be possible to add in excess of 200 potential operating days for a number of parks.

Year around activities are in the planning stage by seven parks which have heretofore been dormant following the regular season. Plans are necessarily dependent upon avail-ability of building supplies and the elimination of other expansion bottlenecks.

Strangely, parks currently nibbling at the public's entertainment dollar on a year around basis are not all located within heavily populated urban centers. Many are outlying and dependent upon automobile trade and a thoro selling job for their off-season success. On the basis of the returns it would seem that only a few units are located so disadvantage-ously as to be without hope for expanded operation.

Keeps Interest Alive

Several operators mentioned ad-vantages other than financial gain which year around operation brought them. Promotion-wise Edward J. Carroll and his aid de camp, Harry Storin, reported continued operation as a good medium to keep interest in the park alive. In continuous opera-tion are a bowling center with 18 alleys and skating rink. Lights from a "live" look 365 nights in the year. Riverside will probably keep its res-taurant and night club open next year now that food and help prob-lems have eased.

W. E. (Bill) Garrison, Joy Land, Fort Worth, said his off-season rev-enue was negligible but that con-tinued operation was a good way to let patrons know about the spot and it saved considerable advertising in it saved considerable advertising in the spring. A. Karst, Forest Park, Hanover, Pa., and Mrs. Minette Dixon, Lake Winnepesaukah, Chat-tanooga, both think year around op-eration involves considerable adver-tising advantages tising advantages.

J. L. Figi, Lakeside Amusement Park, Storm Lake, Ia., voiced the opinion held by many, when he wrote that year around operation made it possible to hold key help and elimi-nated the necessity of breaking in green hands at the start of each regular season.

Skating Most Popular

Roller skating, with 28 parks op-erating rinks, is far in the lead as an off-season attraction. Tremendous popularity of this sport, coupled with the fact that its operating cost is low, makes it a natural. Many rinks, including the one operated by Edward H. Laventure at Henry Bowen's Whalom Park, Fitchburg, Mass., offer a near constant year around gross. Most rinks gross less money during the off-season, but the survey indicated the maximum drop to be in the neighborhood of 25 per cent, with many rinks losing even less patronage.

Two Heavy Grossers

Two parks reporting in on the survey earn an estimated 40 per cent of their yearly gross during the off months. Carlin's Park, Baltimore, managed by Marion Berry, harbors roller and ice skating, league hockey, a clubroom and dance hall used for rental purposes, refreshment stands, boxing and wrestling. Chippewaw

year around basis to expand their Lake (O.) Park, managed by Parker off-season facilities just as scon as it Beach, operates a roller rink, dance becomes feasible. Most expressed hall, restaurant, hotel and refresh-

ment stands on a year around basis. Others reporting off-season earn-ings in excess of 20 per cent of their seasonal grosses included Riverside Amusement Park, Indianapolis; Hecla Park, Bellefonte, Pa., managed Hecla Park, Bellefonte, Pa., managed by A. F. Hockman; Edgewater Park, Celina, O., owned by C. M. Myers and managed by T. V. Temple; Capi-tol Beach Park, Lincoln Neb.; American Legion Park, New Bethle-hem, Pa.; Pleasure Pier, Fort Ar-thur, Tex., managed by T. J. Gil-lespie, and Fontaine Ferry. Louis-ville, Ky., managed by J. F. Sing-hiser. hiser.

Happyland, operated by Marion Ross in Hastings Park, Vancouver, B. C., reports okay business with dancing and a restaurant.

Also Craterville Park, Cache, Okla., operated by Mrs. Frank Bush Okla., operated by Mrs. Frank Bush and son; Celeron Park, Jamestown, N. Y., operated by Harry A. Illions; Reynold's Park, Winston-Salem, N. C., managed by Ivan J. Basch; Oaks Amusement Park, Portland, Ore., owned and operated by E. H. Bollinger; Newcomb's Santa Monica (Calif.) Pier, owned and operated by W. D. Newcomb Jr., and Redondo Beach Park, Redondo, Wash., under the management of W. J. Betts.

Five Plan Rolleries

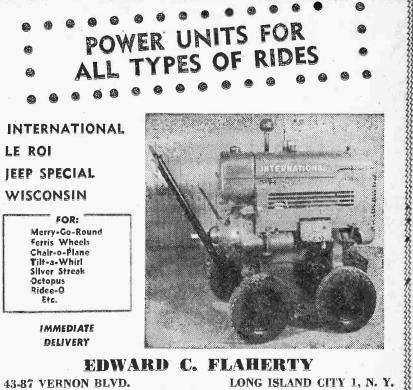
Five parks contemplate the in-stallation of rinks. Jack and Irving Rosenthal plan the erection of a roller skating rink and bowling alley at their Palisades (N. J.) Amuse-ment Park to vie for some of the big

Swift

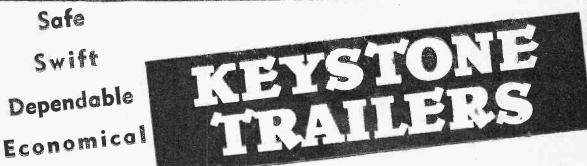
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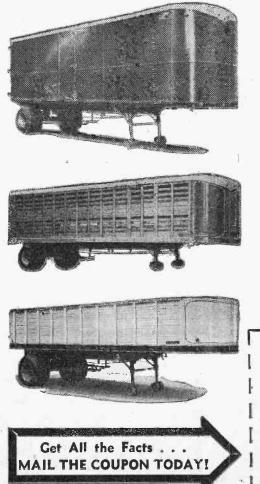
money spent on these forms of rec-reation in the metropolitan New York area. A rink for year around operation will be erected at Edgewater Park,

Second and the second 1



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HUMAN progress has been the re-sult of constant change. Without new ideas we would not progress. Let us review some of the more re-cent developments in the swim pool field. field.

First, let us take up diatomite filtration. This type of filtration now being used quite extensively in pools is not a new development but an adaptation of one that has been used in industrial filtration for perhaps 25 in industrial filtration for pernaps 20 years. The army and navy tests and their official acceptance of this type of the for field service water supof filter for field service water sup-plies has been responsible for its rapid acceptance. At present there are perhaps a hundred filters of this type being used on pools or included in the design of new and revamped pools.

Many Advantages

Small Small space requirements, ex-cellent clarification even at high filter rates, and high bacterial removal, to-

The Author

Chauncey A. Hyatt was swimming pool sanitarian for the Illinois State Health Departs-ment from 1935 to July, 1944 and is recognized as a leading authority on pool sanitation. In 1939 he was appointed a member of the Joint Committee on Swimming Pools for the American Public Health As-sociation and the Conference of State Engineers. In 1943 he was elected a Fellow of the American Public Health As-sociation. sociation.

He is also a member of the American Water Works' As-sociation and advisory consul-tant for the National Association of Amusement Parks, Pools and Beaches.

gether with fool-proof operation, are some of the advantages claimed for this type of filter. This filter is espe-cially desirable where existing space will not permit additional units of the conventional type, to bring pool recirculation turnovers up to present day standard. At Cleveland during the American Public Health Asso-ciation convention, a number of us

the American Public Health Asso-ciation convention, a number of us inspected a diatomite installation which, if operated at a four-gallon rate, would be an eight and one-half million gallon per day plant. Illinois has already accepted this type of filter for pools, at a four-gallon per square foot per minute rate. Our personal experience and observation leads us to feel that a two-gallon rate would have been more conservative at this stage of the development. development.

development. At the two-gallon rate the cycles are much longer between backwashes and "filter aid" and power costs can be kept more economical. This economy was not paramount from army and navy standpoint but cer-tainly is important in business.

Bromine Becomes Popular

Another recent development has been the use of bromine for pool water disinfection. Bromine was first suggested for this purpose about 15 years ago but it was not until the chlorine shortage early in the last war that it was used to any con-siderable extent. Much to the surprise of many people the substitute was found to have advantage over chlorine in a humber of respects. Over a hundred different pools have used bromine during the last six or seven years and almost without exception are enthusiastic about its

Expert traces latest frend in designs, improved sanitation, newest gadgets

RECENT POOL DEVELOPEMENT

By CHAUNCEY A. HYATT

Fellow American Public Health Association and Member of the Joint **Committee on Swimming Pools**

advantages

While champions of bremine do not claim it is a "cure-all" or a "cover-up" for all the ills and prob-"cover-up" for all the ills and prob-lems of a bool, actually we believe it comes much closer to doing this than does chlorine! Bromme meets the safety codes of the more pro-gressive cities. It is not under pres-sure and liable to explode as is the case with a chlorine cylinder. Equip-ment for applying broming is bugh ment for applying bromine is huch less expensive and less intricaté than that required for chlorine. Bromine is less affected by sunlight and high water temperatures found in most outdoor poals outdoor pools.

Less Effect dit Taste

Perhaps the most interesting qual-Perhaps the most interesting qual-ity of bromine is its lack of irrita-tion even at residuals many times its optimum. It may be of interest to those of you concerned with dis-infection of potable supplies that bromine is much less prone to affect the taste of various types of water which may contain phenol, high sul-phate content alone etc. A pational phate content, algae, etc. A national service laboratory made the state-ment that 20 parts per million dosage did not result in an impalitable water.

Bromine is definitely more active on organic matter than chlorine, and since bacterial and viruses are or-ganic matter it is reasonable to find it more effective than chlorine espeit more effective than chlorine espe-cially since it can be applied greatly in excess of anything possible with chlorine without bother, discomfort or nuisance. While bromine is more expensive pound for pound than chlorine, its greater stability under sunlight and high water temperature and the simplicity of its application and the simplicity of its application make it just as economical to use, many believe. Where bromine has been used with

Where bromine has been used with diatomite filters it has greatly in-creased the length of filter cycles. When applied on the influent of conventional filters there is a con-siderable drop in residual but the filter media is kept in perfect condi-tion, or if mud balls or organic ac-cumulations exist at the time of the installation of bromine disinfection, this extraneous matter is rapidly cleaned up by the bromine. We pre-dict a trend toward bromine.

"Precleansing" Dope

Another innovation has been in the field of bather clean-up or "pre-cleansing." Now "soapless soaps" which contain "wetting agents" and grease solvents are being used to give the swimmer a much more efgives the swimmer a much more ef-fective clean-up in a shorter time than with conventional soaps. Of course, any well operated modern pool provides warm water and soap and bather inspection to keep as much body wastes, dirt, etc., out of the pool as possible. Showers taken in the nude are the only satisfactory kind. Almost all States and com-munities have rules regarding nude showers but from our observation and to be perfectly honest, only a small percentage of pools actually enforce this all important regula-tion. In our opinion, proper bather clean-up is the most important item in safe pool operation and we would

put its importance ahead of clarification and disinfection, important as they are.

It just doesn't seem logical to us to attempt to run à swimming pool as you would a "cattle dip" even if it can be done with bromine without nuisance. With these new type cleansers a much better job can be cleansers a much better job can be done in the shower even if the swim-mer is not in the nude. Wetting agents are also used for algae control. Personally we have not formed defi-nite conclusions as to their practical application for this purpose. "Proc-essed" copper sulphate is being used rather widely for algae control and it appears is much more effective than ordinary copper sulphate. Sev-eral products are available and op-crators seem to think that these copper containing products are eff-fective for much longer periods than copper sulphate when applied alone. Wetting agents are also used to in-crease the effectiveness of chlorifie and bromine in regular disinfection.

and bromine in regular disinfection. and bromine in regular disinfection. When this is done apparently, the "anionic" type is the most satisfac-tory. On the other hand, when used alone for disinfection or algae con-trol, the "cationic" type is most ef-fective fective.

Anthracite Filter Gains

The use of prepared anthracite The use of prepared anthracite filter media has been quite wide-spread on pools. Most filters, as in-stalled, do not have adequate back-wash and hence the need of renewal of the beds at frequent intervals. This anthracite media only weighs about half as much sand or quartz and hence backwashes satisfactorily with about balf the backwater fate required to keep the typical media in proper shape. About its only dis-advantage as far as we can see, is its high demand for bromine or chlorine high demand for bromine or chlorine for the first two or three weeks after its installation. In time, the demand decreases and presumably ceases to

decreases and presumably ceases and be a factor. Closed system or upward flow pools are more popular than previously. Several States absolutely prohibit this design, other States even recom-mend it in many installations. On indoor pools where heat is necessary this type of design and operation results in considerable saving in the fuel and water consumption. On out-door pools some provision must be made for temperature control in the downward direction. This tan be downward direction. This tan be accomplished by a heat exchanger in which a low temperature water, which may have undesirable charac-teristics or which may be used for non-pool purposes, is used. In one pool, a part of the recirculation lines (100 feet) was constructed of copper pipe and jacketed by a larger pipe thru which the water used for cooling was pumped. A type of cooling tower can also be used for this pur-pose. pose

"Multiple" Pools Popular

"Multiple" Pools Popular A recent trend has been to combine an "indoor" and "outdoor" pool in the same unit. This may be a "multi-ple" type of pool with one or more pools of it may be a pool with a removable side wall (room) which can be swung up out of the way like

an airplane hangar door. Or it may have a rémovable roor. In many lo-calities the outdoor pool season is very short and many think that the very short and many think that the expenditure for a pool that is only used a short time each year and their lies idle for 6 to 10 months could be better applied to a smaller indoor pool tied into the school or all year around fecreational program and available the entire year.

Pool dimensions have wavered be-tween "yards" and meters for the competitive course. A 25 or 50-meter course can be adapted to provide for both conditions but the reverse is not true. Diving stands or platforms are showing the European influence with beautifully shaped "swan neck" beautifully shaped "swan neck" structures of concrete replacing the ordinary pipe stands.

Pool contours have passed thru an evolutionary development just like the shapes of airplanes and automo-biles and the "double spoon" or "hopper" seems to represent the most "hopper" seems to represent the most recent trend. In smaller pools (75 x 30 feet) with a high and low board side by side the "off-center hop-per" represents the extent to which this streamlining for function and safety and economy has gone.

New Dressing Rooms

Open court type dressing facilities are increasingly popular. It makes one feel depressed to see modern pools in which the provision for dressing, showers, etc., are in some poorly ventilated and poorly lighted basement of structure in which headroom, ventilation and sunlight are at a minimum.

Open court types are less expen-sive and the air and sun help to keep things clean and sweet. Some shade, should, of course, be provided around the perimeter.

We note a trend toward smaller pools with more adequate water treatment. The day of the "slow" turnover combination fish pond and pool is past. More emphasis is being put on ade-

quate floor pitch in all walks, floors, etc. Three to five inches pitch preferably in "flat plane" in every 10 feet are a MUST if drainage is to be satisfactory.

Safer Flooring

Safer Flooring Concrete floors are constructed with "lift" or "carpet" or "suction" nonslip finish to prevent slipping and falls and still provide a floor easy to keep clean. Ramps replace steps in all cases to prevent falls. Neon and fluorescent underwater illumination have been used in pools. In fact, underwater lighting has ceased to be considered a "frill" be-cause of the increased safety it pro-vides and also the emphasis it places on the maintenance of proper clarity. The types serviced front the pool tunnel are the most satisfactory. From time to time there is often a revival of some idea in pool design

tunnel are the most satisfactory. From time to time there is often a revival of some idea in pool design or operation which is so old that many accept it as a new development. Such an idea, för example, might be the "oceanwave" pool in which, by mechanical means an ocean wave is simulated. Or it may be an artifi-cial salt water pool. There have been many pools designed in this way during the past 40 years. We are inclined to be of the opin-ion that there is "nothing new un-der the sun." Recently a pool was excavated in India that had been built about 3500 B. C. It had a type of contour (safety ledge) which we had thought was a very recent de-velopment and its "holicaustic" type of heating closely resembles a "new?" type of panel heating which isn't out yet!

UNLESS ALL signs are wrong, UNLESS ALL signs are wrong, outdoor show business owners and operators, from the man who owns a carnival, circus or park down to the person who operates a candy floss machine, will have little or no trouble getting the things they want and need to carry on their business this season.

Culled from the returned ques-tionnaires sent out by The Billboard in a survey to find out what the situation was concerning various out-door equipment items, is the informa-tion that most manufacturing con-cerner are relie to fill most outcerns are able to fill most all orders promply; that, for the most part, the material shortage isn't a big item; that a few new items have—or will have shortly—made their appearance, and last but not least, that you will pay a little more for most items.

In contrast to a year ago when most manufacturers were overloaded with orders and were warning pros-pective buyers there would be any-where from two to six months on

Majority of firms catering to outdoor showbiz in position to meet demand

with oil. Said J. V. Blevins, of the Blevins Popcorn Company, Nashville: "We think it is most important for you to include a warning to the out-door concessionaire that be must have reliable connections for oil this year, as the unrestricted use is caus-ing a very serious shortage and this

year, as the unrestricted use is caus-ing a very serious shortage and this shortage is expected to reach a 'peak' about mid-summer, just when the outdoor operators will be needing it most. We are offering to 'set aside,' and assure those customers making season's contract requirements with us, an adequate supply of all their concession needs."

On the brighter side of the popcorn picture, the Indiana Popcorn Com-pany, Muncie, Ind., reports it again

MATERIAL PROBLEM NOT BAD

delivery, warnings this year are few and far between. Most firms answer-ing the questionnaire made no bones about the fact they had plenty of orders on hand, but most of them left no doubt that they would take core of them care of them.

Materials Plentiful

Regarding materials, it is apparent Regarding inaterials, it is apparent most manufacturers aren't plagued with any real shortage. True, several mentioned certain items, which, they said, are hard to get. They went on, however, to say that so far things were going along smoothly and there was really no drought on any items.

The only real warning came from popcorn concerns and that had to do



is able to offer its fancy baby golden hulless and Jap hulless popcorn. "During the war, due to low ceilings at the growers' level, farmers would not raise these two fine varieties. The tonnage acre was about half that of the large yellow hybrid," Ralph Kem, manager of the Indiana con-cern, wrote cern, wrote.

Plenty of Swim Suits

Like the white shirt, bathing supplies, at least suits and trunks, are back on the market and are fairly plentiful. A check of the questionplentiful. A check of the question-naire going to manufacturers of pool and beach equipment shows this department is okay, and operators of pools and beaches who are anxious to stock up on suits and trunks should have little or no trouble get-ting fast delivery on any order.

Sanco Sportswear Company. Cleve-Sanco Sportswear Company. Cleve-land, for instance, says it is right on schedule with orders. 'There is no shortage, for instance, on woolen or cotton material, according to N. I. Wertheimer, sales manager, and he says garments this year are improved in construction, durability and ap-pearance. The Sanco org, according to Wertheimer, is running 10 per cent ahead of last year on orders. Prices, he says, are the same as last year. Adolph Kiefer & Company. Chi-

he says, are the same as last year. Adolph Kiefer & Company, Chi-cago, dispensers of aquatic supplies of all kinds, such as diving boards, swim caps, torpedo buoys, etc., report they can fill orders within five days of receipt. The Kiefer Company does have a shortage problem, however. "Shortage of lumber has caused a tie-up on several products, such as diving boards, surf boards, paddle boards," Kiefer wrote. He also pointed out his company was having a bit of boards," Kiefer wrote. He also pointed out his company was having a bit of trouble getting lastex swim suits. Kiefer says the price on their prod-ucts this year is 10 per cent higher than last year.

Electrical Firms Okay

Electrical Firms Okay Altho manufacturers of Diesel gen-erating units, trailers, cable and junction boxes, to mention a few, are loaded with orders, the promised delivery situation isn't as bad as the word "loaded" might make it sound. One concern, the John Fabick Tractor Company, St. Louis, said: "Delivery prior to the opening of the season on all orders held." Another, the Lewis Manufacturing Company, Memphis, promises 30 to 60-day de-livery. livery

livery. The prices are definitely up on such products as put out by the Fabick Company and the Lewis Manufactur-ing Company. All along the line, in answer to the question, "How does the price of your product or products compare with last year?" the answer in nine out of 10 cases was that the price was up. The rise ranged from 30 per cent more to 100 per cent more.

Strange as it may seem, the various concerns reported they had no mate-rial problems. Parts are definitely available, one concern said.

Merchandise Near Normal

Merchandise Near Normal In the concession line there are, apparently, no great worries. The Gottlieb Cuttler Corporation, New York, which supplies dolls. toys, bingo merchandise and various other concession material, is promising im-mediate delivery. At the present time it is about 10 days behind schedule, but expects to make that up in the very near future.

wery near future. "Most of our factories are return-ing to normal production and I be-lieve we will be able to supply con-cessionaires with more material this year than ever before," wrote Jerry Cottlieb

Gottlieb. The A.B.T. Manufacturing Corpor-ation, Chicago, which manufactures coin-operated novelty machines, coin

chutes, rejectors, scales, etc., reports being loaded with back orders and is quoting a six-month wait on deliveries. Regarding the parts situation, they said: "Our parts orders are leaving the plant steadily." Orders, they said, are running 10 per cent ahead of last year.

ahead of last year. Parts are a problem for Messmore & Damon, Inc., New York. They reported parts difficult to obtain, but added, "we manage to keep going." The Messmore & Damon concern manufacturers mechanical displays and exhibit features. Orders are running ahead of last year, they report, and they are promising one to two-month delivery. There has been no advance in prices on their products.

King Prices Hold Line

Manufacturers of concession and house trailers, shooting galleries and Funhouses, the King Amusement Company, Mount Clemens, Mich., reports no increase in prices and says orders are going out on schedule. Regarding parts, W. O. King wrote, "We manufacture all our own parts, but materials are coming in slowly and are still yery high in price."

Perc Smith, of Exhibit Supply, Chicago, dealer in pin tables, Penny Arcade equipment and cards for exhibit and card venders, reports having the usual amount of backlog orders.

Shortage of steel plagues such concerns as the George L. Mesker Steel Corporation, Evansville, Ind., manufacturers of prefabricated steel buildings, skating rinks, etc. Prices are up 20 per cent and the Mesker org is making no definite promise on delivery dates.

If you are in the market for frankfurt grills and frankfurt and roll steamers, you will find quite a few changes in the models this year, at least from the streamline angle. While basically there are no changes, minor improvements have been made. The William B. Berry Company, Boston, reports it is on schedule with

orders and is having no trouble with shortages of any kind. Orders, they say, are running 25 per cent ahead of last year. There is no change in the price, according to W. St. C. Jones.

New Rotobowling

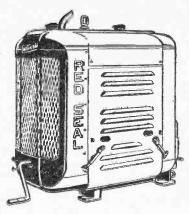
In the games department, for instance, Rotobowling Corporation of America, New York, which manufactures and installs Court-of-Kings Rotobowling, says they are promising a four-month delivery date. "We have back orders, but they are in a healthy condition and we can meet deliveries. We have developed an outdoor installation which is as spectacular and dazzling as the Court-of-Kings Rotobowling itself and should be a good set-up for the semi-tropic outdoor installation," O. F. Whittle said.

From Universal Motor Company, Oshkosh, Wis., comés the announcement of new control equipment for their two-cylinder electric light plant. These controls are the fully automatic type so the power plant starts any time a load is placed on the line and continues to operate until the last load is turned off.

The new Universal Model 2500-BA is now offered with these new controls. Model 2500-BA provides 2000-2500 watts, 115 volt, single phase, 60 cycle, alternating current, and it is powered by the rugged Universal two-cylinder, four cycle, water-cooled gasoline engine. The entire unit is of compact construction, and all of the controls are conveniently mounted in a metal cabinet just above the generator.

These new controls are unique in that they require no special attention, no adjustments of any nature, and no complicated wiring connections. The controls operate quietly, and the relays are of the quick-make, quickbreak construction to give instantaneous action under all climatic conditions. Production of these automatic plants has been stepped up recently in anticipation of the large demand thru 1947.

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DALLAS PLAYS FOR FAMILIES

PLANS are rapidly being formu-lated for the biggest outdoor summer amusement season in history at Fair Park, Dallas.

The fair season itself has long been known thruout the Southwest as the time when outdoor entertainment reached its peak in this area. Not until 1946, however, did officials of the fair decide upon a bold program providing for the midway's first full summer season in the field of outdoor amusement. Facilities badly deteriamusement. Facilities badly deteri-orated by lack of use during war years were made ready and a pro-gram of publicity and advertising launched to bring crowds back to the midway for their summer enter-tainment. tainment.

Under the direction of W. H. Hitzelberger, a former construction en-gineer, who was drafted by the State Fair of Texas for the vital position of executive vice-president and gen-eral manager of the fair and Fair Park, a new public relations approach was begun to create and promote an amusement area for the entertain-ment of all the family, from junior to grandpop. With the midway ento grandpop. With the midway en-joying a better-than-average season last year, plans were laid early this year for still further improvements for the coming season, which will begin on April 5 and wind up on Labor Day in September. Work is going ahead on many additions that will make Fair Park midway one of the largest and finest in the nation.

Community Service

Convictions of Hitzelberger and other fair officials is that they can be of real service to Dallas and its thickly populated trade territory by creating here a place where clean, wholesome entertainment at moderate costs may be had by the entire family. Particularly, it is desired to make the Fair Park midway a place where the teen-agers may come for healthful entertainment.

One of the primary problems, of course, is an adequate advertising and public relations program. A sub-stantial amount has been appropri-A sub-

Married Married

CONCESSIONERS!

CARNIVAL MEN!

Community picnic grove with shelter important factor—whips parking problem by utilizing abandoned race track

By G. E. VINSON

Director of Public Relations, State Fair of Texas

ated for the purpose and a full-time vide Southwestern citizens with a public relations and publicity direc-tor has been added to the staff for the first time. Advertising plans in-clude use of advertising space in magazines and newspapers, supplemented by radio, car-card and bill-board advertising. Theme in all advertising, of course, will be built around the "playground for the family" idea.

Solving Parking Problem

Assuming large proportions in the rehabilitation of the midway is the matter of parking space. Fortunate enough to be conveniently located, only 15 minutes from downtown Dal-las, Fair Park always has been faced with the problem of inadequate parking facilities. A beginning at the so-lution of this problem has been made this year. On the rear side of Fair Park is the old Fair Park race track, which to a large extent has lain dormant since pari-mutuel betting, went by the boards in Texas 12 years ago. A large portion of this area is being converted into a large and easily accessible free parking lot.

Since the race track infield had become covered with high weeds and debris due to years of inactivity, quite a problem was presented in preparing the area for parking. It involved the clearing of the area and a leveling process, the latter requiring the addition of more than 15,000 cubic yards of dirt to make the area usable for automobile parking. Rough estimates indicate that more than 3,000 cars can be furnished with free parking in this area alone this year.

Continuing with the plan to pro-

modern amusement park, several thousand dollars have been spent during the winter to modify, renew and add to the present rest room facilities. When the summer season opens, patrons will find adequate healthful rest room facilities available with attendants on duty in each at all times.

Predicted as the biggest new draw-

The Author

G. E. Vinson, director of public relations for the State Fair of Texas, is well known in Southwestern advertising and public relations circles.

A native Texan, Vinson was previously connected with a large Southwestern advertising agency in the capacity of ac-count executive and assistant to to the advertising, public rela-tions and newspaper professions for three years prior to his entry into the navy in 1942.

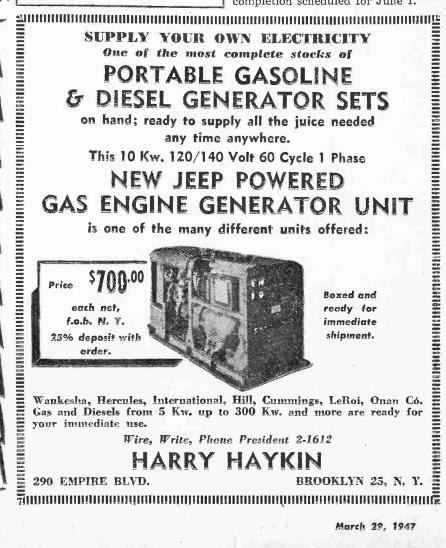
During more than four years in the service he saw extensive duty in the Pacific, serving while a lieutenant on the staff of the Commander in Chief, Pacific Fleet, and as public relations of-ficer to the Commander, U. S. Naval Forces, Philippines, immediately prior to inactive duty. to his release

ing card at the amusement center is a large new free public picnic area. Incorporated into the area is a large picnic shelter which will be available for groups doing their summer weiner roasting at the fairgrounds. Shelter was formerly a jockey club, operated in connection with the race track and has been converted into an ideal recreation building. Facilities within the building, in addition to modern rest rooms, include barbecue pits, concession stands, a large clubroom which has been equipped with a juke box to provide music for dancing and entertainment. Building is gaily decorated with neon lighting and is connected with the midway in such a way that it will be considered a part of the midway itself.

To further build the fairgrounds as the place to go for summer enter-tainment, the State Fair has announced the addition to its staff of a special events promotion man, who will contact local business firms with the purpose of building "package deals" for the use of the picnic area, as well as promoting other special attractions.

As an additional drawing card, midway officials have authorized the booking of free acts to be presented thruout the season. On a large specially constructed stage in the heart of the amusement center, these free acts will appear nightly, with new acts planned for each week. They will be intensified and supplemented with freeworks displays on special days fireworks displays on special days.

Already well-equipped with rides and the usual amusement park crowda large swim pool, the midway this year will add still more up-to-date and modern thrillers that have been provided by manufacturers since the end of the war. Chief among these is the addition of a new \$150,000 Roller Coaster with 3,000 feet of track and the most modern equipment available which will be the largest of its kind in this part of the country. Construction on the Coaster is under way with completion scheduled for June 1.



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We have one of the most complete stocks of GASOLINE AND DIESEL GENERATOR SETS!

These portable power plants range in capacity from enough juice for one stand to the whole show. -You know you always get a fair shake at Prices?-We sell you carnival men so many Benjamin's. generators we can afford to work on a small profit. Let us know now what you need!

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FIREWORKS PEAK LIES AHEAD

THE peak use of fireworks lies ahead. That is the conclusion drawn from a nationwide survey of fireworks manufacturers.

The peak will come, they agree, when two things happen: one, when attendance begins to fall off, partic-ularly at parks and on carnival still dates, and two, when more men have been trained to fire shows.

As it is now, most companies have to refuse some contracts, especially for July 4, the biggest of all days in the business, and in some cases for Labor Day, the second biggest day. These turn-downs are due to a lack of trained firers.

Some hold that parks have already Some hold that parks have already stepped up the use of fireworks. "Many park operators feel the hey-day is over," Jack Duffield, of Thearle-Duffield Fireworks Com-pany, Chicago, points out. "They al-ready are seeking additional trade helps to lure and hold crowds."

See Need in Future

Arthur Rozzi, general manager of the Tri-State Manufacturing Com-pany, Inc., Loveland, O., however, says that "they are not needed just yet" (by parks). He explains that they are used as a drawing card, but suggests the day will come when parks will use them more than at present. "We do not look for an in-crease over the past two or three years by parks."

D. Presutti, president of the Ohio Fireworks Manufacturing Display Company, Bellaire, O., dissents from this view. "We do look for increased use of fireworks in our area," he says. "Our reasoning is that out of 15 parks in our area, only six of them were us-ing fireworks in 1930. Now we con-tract 10, and eventually, we think, 90 per cent will use fireworks."

They Hold the Folks

Antonetta V. Pitelli, vice-president of the Alexander Vandaro Fireworks Company, Wilmington, Del., forecasts a 30 per cent increase of fireworks business at parks for that company. business at parks for that company. J. J. Porcheddu, president of the Illi-nois Fireworks Company, Danville, Ill., foresees a continued increase in the use of fireworks at parks. "They are not only a good drawing card, but they do hold the crowd until late in the evening," he says.

Only one company of those re-sponding to the survey did not predict **4.** The one exception is C. E. Cron-kite, Los Angeles, Calif. Cronkite points out that he expects July 4 to hold up to last year, but adds it prob-ably will not surpass it.

Local Bans Help Shows

"There are just not enough men to go around," Cronkite maintains. "The California law requires rather the compliance with regulations as to bond, condition of site and the necessity of having at least two exless of size." A stimulant to fire-works displays, however, is equally restrictive legislation covering the sale of fireworks to the general pub-lic in California, many localities prohibiting such sales by city or county laws

laws. Stiffening regulations in other States are seen as a boon to fireworks displays. Rossi, of 'Tri-State Manu-facturing Company, cites this as a reason for increased July 4 biz. So do D. Presutti, Jack Duffield and Porcheddu. Duffield also cites post-war ievival interest in fireworks. Descheddu, ortimated big company's

war revival interest in fireworks. Porcheddu estimated his company's July 4 biz will be up 40 per cent. "Municipalities know that if they don't use fireworks, their residents will go to a place where there is a display," Porcheddu points out. No tremendous jump this year is

When attendance shrinks and man-power problem is solved biz will boom, ops believe

seen in fair booking of fireworks, an increase in fair bookings because altho a general increase is expected. Thearle-Duffield, always strong in fair bookings, reports fair contracts are running ahead of last year. Rossi, speaking for the Tri-State Manufacturing Company, said he anticipates

WATER

PURIFICATION

CHLORINATION

DISTILLATION

of its crowd appeal.

Cronkite, dwelling on the outlook in California for added fair bookings, said: "There won't be any more than before the war years. Too many of the fairs are too small to spend much

for attractions of this kind, and the larger ones budget comparatively small amounts in proportion to their ability to do so."

Porcheddu, on behalf of the Illinois Fireworks Company, maintains fire-works should be used by fairs "to keep them alive. I think they should re-instate fireworks again, inasmuch as only a few fairs now are using fireworks."

Fair business will be sustained at the past level, according to Ohio Fireworks' Presutti. "Our experience (Continued on page 58)

PORTABLE UNITS AT GIVE-AWAY PRICES

These machines, built by well known manufacturers to strict Government standards, are available in neat, compact mobile and portable units, simple to install and easy to adjust. For complete description, specifications, types of equipment available, prices, and other pertinent data, write or phone the Chief, Sales Section 67, at the Regional Office holding the inventory.

Portable Water Purification Unit (Mobile) Converts impure water into clear alors (Mobile) Converts impure water into clear, clean drinking water. The equipment can be cleared easily with little loss of operating time. Consists mainly of a pumping unit and a filter unit. The water is cleaned by harmless chemicals. Forcing water roversely through the filter, washes the unit thor-oughly. Available in "unused" and "used" condi-tion at WAA Regional Offices indicated below.

Location: Atlanta, Birmingham, Charlatto, Dallas, Houston, Jacksanville, Kansas City, Little Rock, Los Angeles, Nashville, New Orloans, New York, Rich-mond, St. Louis, Salt Lake City, Sen Antonio, San Fran-cisco, Seettle and Spekane.

Hype-Chlorination Unit (Automatic) — This equipment efficiently chlorinates from 2 to 100 gallons of water per minute. The chlorine feed can be proportioned over a range of 10 to 1 for any one setting of the adjusting valve. Unit consists of hydraulic operated hypochlorinator, water meter, pressure regulating valve and uranual range adjusting valve. Installation is simple—just connect the unit into the water line.

1

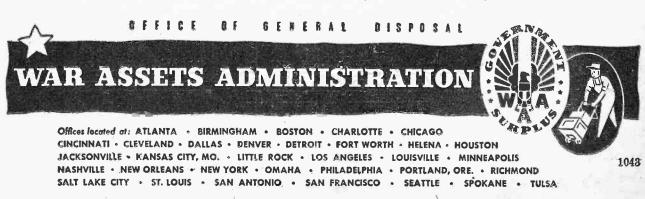
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Lacation: Charlotte, Houston, Nashville, New Orleans, New York, Richmond, Sait Lake City, San Francisco and Spokene.

Water Distiliction Unit — This equipment is adaptable to many uses by industry and small field organizations. Some units are trailer mounted fully equipped with tires, ready to move to the working locale; other units are portable, neat, compact and mounted on skid-type frames. Unit consists of a gasoline engine, steam compressor, and other parts and necessary piping all assembled and mounted on a structural steel base. Most of the units need no direct fired fuel hurning equip-ment. A few units have oil burners.

Location: Trailer mounted type: Atlanta, Boston, Los Angeles, Nashville, New Orleans, New York, Richmond, Salt Lake City and San Francisco. Location: Skid-mounted type: Birmingham, Boston, New York, Rich-mond, Salt Lake City, San Antonio, San Francisco and St. Louis.

All purchases are subject to the War Assets Administration's standard conditions of sale, and all items are subject to prior sale. Priority claimants have already had an opportunity to fulfill their requirements. Arrange-ent for inspection of these units may be made at any Regional Office where inventory is located.



SPEAKING ABOUT SPEAKERS

LOUD-SPEAKING equipment, which was talking just above a stage whisper, speaking from the standpoint of availability a year ago, is talking a bit louder right now and within eight months it may reach the yelling stage.

public-address system; manufactur-ers were working like mad to supply the demand, but they were far be-hind with orders and were quoting you a three to six-month wait. Their big problem was the shortage of steel, tubes and fine wiring.

Now, one year later, things are definitely looking up, and while manufacturers are still plagued a bit with shortages, it is nothing like a year ago. Men in the business tell you that the picture has brightened considerably in the last four months, and they predict that eight months and they predict that eight months from now you will be able to walk in and pick your set right out of stock.

Some Hard To Get

Right now the picture is this: If Right now the picture is this: If you are in the market for a loud-speaking set, the chances are good that you can get it at once. However, if you have some definite type in mind you may find a waiting period on it. In other words, the manufac-turers say, there is a waiting period on certain types and you may have to choose a set you don't really want. "What I'm trains to get access?"

"What I'm trying to get across," said one manufacturer, "is that we may have trouble filling a 'right-away' order for a customer if he has something very definite in mind, some certain model, that is. But if he just wants a good public-address system or microphone, chances are we'll be able to fix him right up."

A year ago some men in the busi-A year ago some men in the busi-ness went on record as saying another year would see several new inventions in the field. New ideas were in the blueprint stage, in some instances, and it was hoped another wear would see these improvement on year would see these improvement on the market. They didn't go as far as to refer to these improvements as earth-shaking, but they gave you the idea there were some big changes in the offing.

No Great Improvements

No Great Improvements However, a check this year shows there are no war-born radical im-provements listed. Such improve-ments, no doubt, will come along at a later date, but if you are in the market for a public-address system and figure you'll hold off for a spell so you can buy one with the latest improvements and gadgets, forget about it. Go ahead and buy the set now, because it may be quite a few years before any radical changes are made, those who should know tell made, those who should know tell you.

It's known fact that there а haven't been any earth-shaking im-provements in loud-speaking equipment the last six or seven years. Manufacturers make no bones about this, but there are reasons for it. First of all, one technical expert pointed out, there were those five years of out, there were those five years of war when all experiments and de-velopments were pointed toward the armed forces in the way of radio, radar, etc. Then, with the war over, men in electronics were faced with the same problem other manufactur-ers faced, converting their factories and occurrent from warting to and equipment from wartime to peacetime use. They, like everyone else, were flooded with orders from outdoor show business, band leaders, auditorium owners, schools, etc., for new loud-speaking sets. There was

They're more plentiful but with few radical changestone quality much improved

In other words, last year it was no alternative but to do the best they equipment manufacturers, especially tough to walk in and purchase a new could in supplying this demand. Then sheet steel, of which a great deal is came the shortage of materials and they were stymied. There was no to stop and think about new time inventions.

Tone Quality Better

Don't get the idea from all this that there is nothing new in the way of loud-speakers. There have been improvements and more are being made, just like in automobiles. But most of the improvements are not noticeable to the naked eye and, in most cases, unless you are of a technical mind, don't mean much to the average layman. These improvements have to do with tone quality. Inverse feed back, which helps improve tone quality, has been simplified. Amplifiers have been improved from the standpoint of better styling and in elimination of technicalities.

Plenty of changes have been made in inverse feed back. There are new and better methods of installing it, so that it can be put into all types and models. But as was said before, the average layman buying a set wouldn't know about this unless it was pointed out to him by the sales-man and even then it wouldn't mean man, and even then it wouldn't mean a great deal, only that it improves the tone quality, which, in itself, from the prospective buyer's standpoint, is important enough.

Units More Compact

Turntables have been put into a more compact unit. "The average layman is not a technical man," one layman is not a technical man," one manufacturer said, "and so the men in our business have tried to make our equipment into as compact a unit as possible. After all, they are interested in a set which doesn't take up too much room, one that can be carried around by hand, if necessary, and one that will set up easily and can be put into operation with a min-imum of trouble."

The steel shortage right now is the ignored headache for loud-speaking big

sheet steel, of which a great deal is used in the making of an amplifier system.

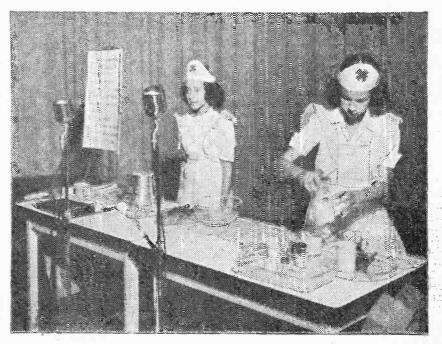
The tube situation, which a year ago was more than tight, has brightened a great deal. Four months ago, one manufacturer said, it was almost impossible to get enough tubes. But in the last four months this has But in the last four months this has been alleviated greatly and another four months may see as much or more improvement. The tube situ-tion was bad, he said, because of the shortage of lead-in wires into the tubes. They are those fine wires you will notice going into the tube itself. But the siturities has brightened and But the situation has brightened and few more months it'll be ea its is expected to brighten even more a difference a year makes!

within the next few months, "Our monthly allotments from tube manufacturers is greatly improved over four months ago and our information is it will be improved even more so in the next few months."

Prices Up 20 Per Cent

Now about prices, always an interesting subject from the buyer's standpoint. Prices in the loud-speaker field, like everything else, are up. But the rise is not too big. A good estimate, one expert said, is that the price is up about 20 per cent over pre-war sets. Microphone prices are about the same as pre-war, but am-plifiers and tubes are up. The microphone today is practically the same as that made before the war. There are two changes, but both are in styling. There is nothing new in mi-crophones from the technical standpoint.

Yes, it's easier to purchase that loud-speaker set this year and in a few more months it'll be easier. What



HOME ECONOMICS DEMONSTRATIONS are made more attractive and informative when the folks can hear complete description of the procedures.



HILLBILLY SHOWS wouldn't have much appeal if it were not for the p.-a. systems. This is one of the gangs that performed during the now-famous Hoosier Radio Round-Up in the spacious Coliseum at the Indiana State Fair. Perfect sound enables the boys and gals to go to town.

Page 30 Outdoor Equipment Review

CONCESH BIZ DUE FOR DRO

Purse-string tightening may be offset by easier merchandise availability

MR. AND MRS. JOHN Q. PUBLIC will spend 15 per cent less this year than in 1946 for eats, drinks, novelties and other concession items. However, business for concession-

aires will be off only 10 per cent from the '46 peak year.

These are the predictions of George Bush and C. G. (Chan) Laube, who head the B. & L. Concessions of Kan-sas City, Mo., one of the biggest con-cession organizations in the country. The organization handles concessions at fairs, amusement parks, ball parks, race tracks and traveling circuses in the outdoor field and auditoriums and ballrooms in the indoor field.

Dough Will Be Tighter

Explaining their prediction that per capita spending will be off 15 per cent, Bush and Laubè pointed out that the average man who goes to outdoor "doings" has felt the in-creased cost of living and that he no longer has bloated wartime, overtime pay to spend .

Last year, however, when per cap-ita spending was way up, concession-aires were harassed by shortages and couldn't supply the demand. Not infrequently they ran out of one or more items at an event. This year there should be relatively few shortages and these confined principally to supplies, such as napkins, plates, cups and other items made of paper.

Merchandise itself will be available, Bush and Laube agree. And this will enable them to supply all of those who want soft drinks, beer, hot dogs, sandwiches, crackerjack or of what have you. In turn this will enable concessionaires to overcome in part the anticipated 15 per cent dropoff in per capita spending.

Last year the shortages proved distressing at times. Hot dog buns, for instance, were hard to get. And once for a period of five weeks due to strikes in one large area the supply of the all-important buns was slashed by 30 per cent.

Beverages were a big worry last year, with the shortage of beer as well as soft drinks, felt keenly. Easing of the sugar supply in this country will bring with it more soft drinks, together with candy and other sweets. There will be sufficient beer this year, according to Bush and Laube.

Costs Are Higher

Merchandişe costs are higher than Merchandise costs are higher than at this time last year, the two con-cession execs point out. Average raise in costs of all items falls be-tween 15 and 20 per cent, they said. Rolls are priced 12 per cent higher, beer is up 20 per cent and ice cream is hiked 35 per cent in some spots, Bush and Laube report. Still higher costs may come in those items, they add. Meat, however, is expected to go no higher. go no higher.

Some prices will drop. In novel-ties, for example, price-selling started in the late stages of the outdoor season. Further cuts are expected. Most concessionaires concede that the retail prices of novelties to Mr. and Mrs. John Q. Public has gone "out of this world."

of this world." Program sales will continue high, Bush and Laube assert. They con-tend that during the lush war years the folks became "program-minded," and now that they've got the habit, they won't stop buying them. Heartening to concession operators is the number of ez-G.I.'s who are

becoming venders. During the war years, concessionaires had to hobble along with help which in all to many instances didn't work hard at the job. But by late last season, many exservicemen who had previously been in the business and some new to it were hustling wares. "And ex-G.I.'s make the best venders," Bush and Laube declared in unison. "They know how to obey an order And they know how to obey an order. And they

will work-and work hard."

This is reassuring to the conces-onaires who know that the easy sionaires days are gone when anybody could merely hold a bucket of soft drinks or a carton of ice cream and sell out. In the returning G.I.'s they've got real salesmen, ready and eager to run up sales to earn a good day's pay. One direct effect of the war is the fact that no abatement in sanitary

regulations is expected, according to Bush and Laube. The armed serv according ices, they point out, insisted on sanitary safeguards wherever G.I.'s congregated, and this set a standard adopted in many communities after the services moved out. These regu-lations now won't be relaxed. All of which is for the general good of the outdoor show business, in the estimation of Bush and Laube.



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TRADE 1947 FAIR DATES

Alabama

AlabamaConnecticatAthens—Limestone Co. Agrl. Assn. Sept. 23-26.
W. A. Owens.Bethlehem—Bethlehem Fair. Sept. 6-7. Mrs.
Frank Devine, 22 Wales St., Waterbury.
Danbury—Danbury Fair. Sept. 27-Oct. 5.
John W. Leahy.28-Oct. 4. Mrs. Odell Smith.
George Flanggan.Danbury—Danbury Fair. Sept. 27-Oct. 5.
John W. Leahy.Birmingham—Alabama State Fair. Sept. 1-6.
Oct. 4. R. H. McIntosh.Durham Agrl. Fair Assn. Sept. 15-20.
G. H. Jackson.Florence—North Ala. State Fair. Sept. 15-20.
G-14. Marie Dickson.Sept. 15-20.
Fair Assn. Sept. 15-20.C. H. Jackson.
9-14.Fair Assn. Sept. 15-20.
Guilford—Guilford Agrl. Soc. Sept. 24.
Marie Oct. 2. Florence-North Ana. C. H. Jackson. Huntsville-Madison Co. Fair Assn. 9-14. Marie Dickson. Roanoke-Randolph Co. Legion Fair. 13-18. William A. Radney. Arizona Fair. Nov. 7-16.

Oct.

Phoenix-Arizona State Fair. Nov. 7-16. Paul F. Jones. Arkansas

Bentonville-Benton Co. Fair Assh. Oct. 1-3. Lester Drake. Blytheville-Mississippi Co. Fair Assn. Sept. 30-Oct. 4 (tent.). J. Mell Brooks. Fort Smith-Ark.-Okla. Livestock Expo. Sept. 15-20. A. D. Murphy. Harrison-Boone Co. Fair Assn. Oct. 8-10. L. J. Cooper. Joode, T. (Leftel, J., Mein Johns, Sept., 15-20, A. D. Murphy,
 Harrison-Boone Co. Fair Assn. Oct. 8-10,
 L. J. Cooper,
 Helena-Phillips Co. Fair. Oct. 1-4, David
 S. Barlow,
 Hope-Third Agrl. Dist. Livestock Show, Sept., 22-27, Charles A. Armitage,
 Litta Pack-Arkness, Livestock Show, Assn.

North Haven-North Haven Fair Assn. Sept., 5-7, Joseph C. Bartlett,
Orange-New Haven Co. 4-H Fair Assn. Aug., 22-23, Lofa Sperry,
Rocky Hill-Rocky Hill Grange Fair. Sept., 5+6, Mrs. Dorothy B. Herrick.
Stafford Springs-Stafford Fair. Sept., 25-28, Louise L. Benton. S. Barlow. Hope-Third Agrl. Dist. Livestock Energy 22-27. Charles A. Armitage. Little Rock-Arkansas Livestock Show Assn. Oct. 6-12 (tent). Clyde E. Byrd. Magnolia-Columbia Co. Fair Assn. Oct. 7-11. W. L. Jameson. Mulberry-Crawford Co. Fair Assn. Sept. 8-13. Note Sept. 11-13. Magnonia-Codumbia Co. Fair Assn. Oct. 7-11. W. L. Jameson. Mulberry-Crawford Co. Fair Assn. Sept. 8-13. T. J. House. Ozard-Franklin Co. Fair Assn. Sept. 11-13. J. M. Hopper. Paragouid-Greene Co. Fair Assn. Sept. 15-20. E. W. Little. Paris-Logan Co. Free Fair Assn. Oct. 7-12. Edwin H. Floyd. Perryville-Perry Co. Fair Assn. Oct. 2-4. B. E. Turner. Piggott-Clay Co. Fair Assn. Oct. 2-4. James Swift. Prescott-Nevada Co. Fair Assn. Week of Sept. 22. G. C. Murray. Russellville-Pope Co. Fair Assn. Sept. 30-Oct. 3. C. R. Turner.

California Angels Camp--39th Dist. Agrl. Assn. May 16-18. Oarl T. Mills. Auburn-20th Dist. Agrl. Assn. Oct. 3-5. Ray, 16-18. Can A. Agri, Assn. Cor. Con Carlisie. Bakersfield-Kern Co. Fair. Sept. 23-28. George W. Wendt. Calistoga-Napa Co. Fair. July 4-6. Sam W. Kellett. Constant Control Cont Kellet, Caruthers-Caruthers District Fair. Oct. 9-11, James L. Edmonson. Cedarville-34th Dist. Agrl. Assn. Sept. 5-7, John W. Griswold. Colusa-Colusa Co. Harvest Festival. Sept. 24-27. William S. Randall. Crescent City-Del Norte Co. Fair. Aug. 20-24. Bob McClure. Del Mar-San Diego Co. Fair. June 27-July 6. Ernest O. Hullek. Dixon-Dixon Agrl. Fair. May 2-4. Eugene B. McCoy.

6. Erness
Dixon-Dixon Agrl. Fair. Fusy
B. McCoy.
Eureka-Ninth Dist. Fair. Aug. 27-31. Ralph
Barnes, Bayside, Calif.
Fair Assn. Aug. 12-B. McCoy.
Eureka-Ninth Dist. Fair. Aug. 27-31. Ralph
H. Barnes, Bayside, Calif.
Ferndale-Humboldt Co. Fair Assn. Aug. 12-17. Dr. Joseph N. D. Hindley.
Galt-Sacramento Co. Fair. July 19-27. Eu-gene Kenefick.
Hayfork-Trinity Co. Fair. Aug. 23-24. J. D.

Berry. Hollister—San Benito Co. Fair. Oct. 10-12.

Benty,
Benty,
J. M. Léonard.
King City-Salinas Valley Fair. April 26-28.
L. H. Burns.
Lakeport-49th Dist. Agrl. Assn. Aug. 30-Sept. 1 (tent.). William R. McNair.
Lancaster-50th Dist. Agrl. Assn. Sept. 11-14.
Arthur H. Stege.
Mariposa-Mariposa Co. Fair. Aug. 30-Sept.
I. Dale K. Campbell.
McArthur-Shasta Co. Fair. Aug. 30-31.
Frances A. Gassaway, Fall River Mills.
Merced-Merced Co. Fair. Sept. 9-14. W. C.
Woxberg.
Moniterey-Monterey Co. Fair. Sept. 25-28.
Matthew Beaton.
Orland-Glenn Co. Fair. Sept. 17-20. G. F.
Cantwell.
Paso Robles-16th Dist. Agrl. Assn. Eept.

Connecticat

Guilford-Guilford Agrl. Soc. Sept. 24. Marre E. Griswold.
Haddam Neck-Haddam Neck Fair. Aug. 31-Sept. 1. Leonard J. Selden, R. D. 1, E. Harwinton-Harwinton Agrl. Soc. Oct. 4-5. M. H. Plaskett, RFD 2. Torrington.
Lyme-Lyme Grange Fair Assn. Aug. 27. Thomas Hewes Jr.
Madison-Future Farmers Fair. Sept. 13. Al-bert Bishop, Guilford, Conn.
Meriden-Meriden Grange Fair. Sept. 19-20. Mrs. Hertha B. Tinkham, S. Meriden.
North Haven-North Haven Fair Assn. Sept. 5-7. Joseph C. Bartlett.

Delaware

Harrington-Kent & Sussex Co. Fair. July 28-Aug. 2. Ernest Raughley. Florida

Panama City-Bay Co. Agrl. Exhibits. Oct. 27 Nov. 1. N. C. Yon Sr. Pensacola-Pensacola Interstate Fair. Oct. 13-19. J. E. Frenkel.

Georgia

Georgia Americus-Sumter Co. Fair Assn. Week of Oct. 20. O. C. Johnson. Atlanta-Southeastern Fair Assn. Sept. 26-Oct. 5. Mike Benton. Augusta-Exchange Club Fair. Oct. 27-Nov. 1. O. O. McGahee. Cartersville-American Legion Bartow Co. Fair. Sept. 22-27. Cordele-Central Georgia Fair. Oct. 13-18. J. D. Rainey.

Fair. Cordele-J. D. Elbertor . Rainey. on-Elberton Fair Assn. Week of Sept.

Elberton-Elberton Fair Assn. Week of Sept. 15. I. V. Hulme. Hawkinsville-Pulaski Co. Fair Assn. Oct.

25. L. M. Hancock,
Henry-Marshall-Putnam Fair. Sept. 9-12.
R. H. Monier, Sparland, Ill.
Highland-Madison Co. Fair. Aug. 22-24.
R. D. Eilers.
Kankakee-Kankakee Fair Assn. Aug. 5-8.
F. R. Henrekin.
Knoxville-Knox Co. Fair. Aug. 5-8.
M. B.

Eb

Evans, La Fayétte—La Fayette Fair. July 29-Aug. 1. Charles Caverly, Toulon, III. Lewistown—Fulton Co. Fair Assn. July 29-Aug. 1. A. D. Young. Lincoln—Logan Co. Fair Assn. Aug. 3-8. Wil-bur Layman. Macomb—McDonough Co. Fair Assn. July 22-25. Chester Lundings.

bur Layhan.
bur Layhan.
Macomb-McDonough Co. Fair Assn. July 22-25. Chester Jennings.
Marion-Williamson Co. Fair. Sept. 1-5. Ray Miller.
Marshall-Clark Co. Fair. Aug. 4-8. H. R. Bamesberger.
Martihsville-Martinsville Agril. Fair Assn. July 14-19. H. T. Bennett.
Mazon-Grundy Co. Fair. Aug. 29-Sept. 1. W. F. Oarter.
McLeansboro-Hamilton Co. Fair. July 1-5. H. Mead.
Melvin-Ford Co. Fair of Melvin. Sept. 3-6. C. D. Thompson.
Mendon-Mendon-Adams Co. Fair Assn. Aug.

M. Mead.
Melvin—Ford Co. Fair of Melvin. Sept. 3-6.
C. D. Thompson.
Mendon—Mendon-Adams Co. Fair Assn. Aug. 19-22. Sidney Wfight.
Mendota—Mendota Tri-Co. Fair. Aug. 30-Sept. 1. Paul A. Stenger.
Metropolis—Massac Co. Fair Assn. July 1-4. Paul T. Powell, Vienna, Ill.
Milford—Iroquois Co. Agril. & 4-H Club Fair. Aug. 3-7. Ellen Marle Hofer.
Morrison—Whiteside Co. Agril. Assn. Aug. 26-29. V. M. Déaringer.
Mount Carmel—Mt. Carmél Fair. Aug. 10-15.
E. Guy Pixley.
Mount Sterling—Browh Co. Fair. July 29-Aug. 1. Walter Manny.
Mount Vernon—Mt. Vernon State Fair Assn. July 21-26. Joe N. Marquis.
Mashwile-Washington Co. Fair. Aug. 19-22. Orin Hertz.
Newton-Jasper Co. Agril. Assn. Aug. 26-30.
Oblong—Oblong Fair Assn. Sept. 1-5. O. B. Dale Wilson. Price.
Olney—Richland Co. Fair Assn. Sept. 8-12. W. H Shuitz

Price. Olney-Richland Co. Fair Assn. Sept. 8-12. W. H. Shultz.

Retain This List

Corrections and additions in this list will appear in the Fair Department of each issue of The Billboard. The next complete List of Fair Dates will be published in the issue of The

Billhoard to be dated May 31.

27-Nov. 1, Roger H. Lawson. Macón-Georgia State Fair. Oct. 13-18. E. Ross Jordan. Manchester-Tri-Cóunty Fair. Sept. 29-Oct. 4. Welby Griffith. Sandersville-Washington Co. Fair. Oct. 13-18. Gordon S. Chapman. Valdosta-South Georgia Fair. Nov. 10-15. H. F. Witkinson.

Valdosta—South K. Wilkinson. Idaho

Blackfoot-Eastern Idaho State Fair. Sept. 9-13. Ival H. Wartchow. Downey-Marsh Valley Fair. Sept. 5-6. B. M. Almond. Aimond. Gooding-Gooding Co. Fair. Aug. 14-16. Robert E. Higgins. Weiser-Weiser Fair & Roundup Assn. Aug. 14-16. Bob Smith.

Illinois

Albion-Edwards Co. Agrl. Fair Assn. Sept. 2-5: Loy L. Thread Aledo-Mercer Co. Agrl. Soc. Aug. 26-29. John McHard Altamont-Effingham Co. Fair. Aug. 2-7. Mart

Oregon-Ogle Co. Fair. Aug. 30-Sept. 1. E. D. Landers. Paris-Edgar Co. Fair. July 20-25. T. J. Trogdon Jr.

Trogdon Jr.
Peoria—Heart of Illinois Expo. Aug. 26-Sept. 1. A. N. Ekstrand.
Peotone—Will Co. Fair Assn. Aug. 26-28. C. M. Ginter.
Pinckneyville—Perry Co. Agrl. Soc. July 7-11. Mrs. J. H. Stumpe.
Pontiac—Livingston Co. Fair. Aug. 5-7. Guy K. Gee. Pontiac-Livingston Co. Fair. Aug. 5-7. Guy K. Gee. Princeton-Bureau Co. Agrl. Fair. Aug. 19-

Princeton-Bureau Co. Agrl. Fair. Aug. 19-22. Wayne Slutz. Rushville-Schuyler Co. Fair. July 1-5. Robert J. Nelson. Salem-Marion Co. Fair Assn. July 14-20. W. R. Hancock. Sandwich-Sandwich Fair Assn. Sept. 3-7. C. R. Brady. Shawneetown-Shawneetown Fair Assn. Sept. 9-12. Charles L Oldhaw

C. R. Brady. Shawneetown-Shawneetown Fair Assn. Sept. 9-12. Charles I. Oldham. Sparta-Randolph Co. Fair. July 29-Aug. 1. Harry Foster. Springfield-Illinois State Fair. Aug. 3-17. William V. (Jake) Ward. Stronghurst-Henderson Co. Fair. Sept. 3-5. Ralph Butler, Taylorville-Christlan Co. Fair. July 13-18. Clifford C. Hunter. Urbana-Champaign Co. Fair Assn. July 22-25. Carl Parks. Vienna-Johnson Co. Fair Assn. Aug. 4-8. Faul Powell.

Greenup—Cumberland Co. Fair Assn. Aug. 17-23. John Jenuine. Harrisburg—Saline Co. Agri. Assn. July 21-25. L. M. Hancock. Henry—Marshall-Putnam Fair. Sept. 9-12. R. H. Monier, Sparland, III. Highland—Madison Co. Fair. Aug. 22-24. R. D. Ellers. Rankakee—Rankakee Fair Assn. Aug. 5-8. (Kendallville—Northeastern Ind. Agrl. Assn. Aug. 11-15. Clinton S. Rimmel. La Porte—La Porte Co. Fair. Aug. 12-16. Robert Pelan. Lawreneeburg—Dcarborn Co. Fair Assn. July 21-26. Leonard Haag. Logansport—Cass Co. Fair Assn. July 20-26. William Thomas Jr. Lyons—Lyons Community Club Fair. Aug. 27-30. Arthur Foster. 30. Arthur Foster. Muncie—Muncie Fair. July 27-Aug. 1. A. G. Norrick. Muncle-Muncle Fair. July 21-Aug. 1. A. C. Norrick. New Bethel-Marion Co. Fair Assn. Aug. 11-16. Harry C. Roberts, Wanamaker, Ind. North Vernon-Jennings Co. Fair Assn. July 20-25. S. B. Berkshire. Osgood-Ripley Co. Agrl. Assn. July 27-Aug. 2. William B. Delay. Portland-Jay Co. Fair Assn. Aug. 3-8. Charles C. Hartzell. Rensselaer-Jasper Co. Fair Assn. Aug. 26-29. Robert E. Conley. Rochester-Fulton Co. 4-H Fair Assn. Aug. 5-8. Fred Rankin. Rensselaer—Jasper Co. Fair Assn. Aug. 26-29.
Robert E. Conley.
Rockport E. Conley.
Rockport E. Conley.
Rockport Schemer Co. Fair Assn. Aug. 27-27.
Styls Matthews.
Rockport—Spencer Co. Fair Assn. July 21-27.
Styls Matthews.
Rockville—Parke Co. Fair Assn. Aug. 12-16.
A. K. Nobilit.
Rushville—Rush Co. Agrí. Assn. July 28-Aug. 1. E. E. Privett.
Salem—Washington Co. Farmers-Merchants' Fair. Aug. 13-15.
Raymulte—Sherboy Co. Free Fair Assn. Aug. 3-8.
Ray F. Breedlove.
South Bend—St. Joseph 4-H Fair. Aug. 6-9.
Oscar Valentine.
Spencer—Owen Co. Fair Assn. Aug. 20-23.
Lois K. Long.
Sunman—American Legion Fair. Aug. 29-Sept. 1. E. W. Howrey.
Terre Haute—Vigo Co. Fair. Aug. 19-24.
E. J. Acree.
Wabash-Wabash Co. Draft Horse Assn. Aug. Terre Haute--Vigo Co. Fair. Aug. 19-24. E. J. Acree. Wabash---Wabash Co. Draft Horse Assn. Aug. 19-23. W. K. Delapiane. Warsaw----Kosciusko Co. Fair Assn. Aug. 26-30. Ross W. Sittler.

lowa

Ackley—Four-County Fair. Dec. 1-3. Joe W. Cóbie. Adel—Dallas Co. Fair Assn. Aug. 14-16. Har-oid H. Beane. Algona-Kossuth Co. Fair. Aug. 19-22. A. L. Brown. Allison—Butler Co. Fair. Aug. 7-10. Virgil F. Sheard Brown. Allison-Butler Co. Fair. Aug. 7-10. VIIBA E. Shepard. Alta-Buena Vista Co. Agril. Soc. Aug. 7-10. G. A. Soderquist. Atlantic-Cass Co. 4-H Fair. Aug. 13-15. Cliff Hardie. Cliff Hardie. Audubon-Audubon Co. Agrl. Assn. Sept. 8-12., D. C. Perley. Avoca-Pottawattanie Co. Fair Assn. Aug. 18-21. R. F. McKinley. Bedford-Taylor Co. Fair Assn. Aug. 11-16. Sid P. Webb. Bloomfield-Davis Co. Fair. Aug. 12*15. O. C. Wogler. C. Wagler. Brooklyn-Poweshiek Co. Agrl. Assn. Aug. 18-20. L. D. Brown. Brooklyn--Powesniek Co. Agrl. Assn. Aug. 18-20. L. D. Brown. Cedar Rapids--All'Idwa Fair. Aug. 10-16. C. D. Moore. Centerville--Appanoose Co. Fair Assn. Aug. 5-8. A. M. Farbér. Central City-Linn Co. Fair. Aug. 1-3. T. W. Lowis Lewis. Clarinda-Page Co. Agrl. Fair. Aug. 12=14. Clarinda—Page Co. Agrl. Fair. Aug. 12-14. Forest Wynn.
Colfax—Jasper Co. Agrl. Soc. Aug. 18-21. Leslie Doak, R 1, Newton, Ia.
Columbus Junction—Louisa Co. Fair. Aug. 12-15. H. M. Duncan.
Coon Rapids—Four-County Fair. Aug. 18-22. Joe King.
Corning—Adams Co. Fair Assn. Aug. 18-21. A. L. Gauthier.
Corydon—Wayne Co. Fair. Aug. 17-20. O. K. Engene. A. D. Gurdon-Wayne Co. Fair. Aug. ... Engene. Cresco-Howard Co. Fair. Aug. 25-29. C. C. Corydon-Wayne Co. Fan. Aug. A. S. C. Z. Engene.
Cresco-Howard Co. Fair. Aug. 25-29. C. C. Nichols.
Davenport-Mississippi Valley Fair. Aug. 12-17. Frank Harris.
Decorah-Winneschiek Co. Agri. Soc. Aug. 14-17. Leon R. Brown, Gresco, Ia.
Derby-Derby Dist. Agri. Assn. Sept. 3-5.
Lewis O. Ryan.
Des Moines-Iowa State Fair. Aug. 20-29.
L. B. Cunningham.
Donnellson-Lee Co. Fair. July 22-25. Richard Doherty.
Eagle Grove-Eagle Grove Dist. Junior Fair.
Aug. 18-21. Gerhard Hanson.
Eldon-Wapello Co. Agri. Fair Assn. Aug. 18-21. L. W. Hall.
Eldora-Hardin Co. Fair. Aug. 11-15. C. W. Haase.
Flueder-Eikader Fair. Aug. 12-15. E. F. Marter weiter Go. Fair. Sept. 35-28. Matthew Beaton.
 Orland - Glain Go. Fair. Sept. 17-20. G. Fair. Asan. Aug. 2-7. Mart Orland - Glain Go. Fair. Sept. 17-20. G. Fair. Asan. Aug. 2-7. Mart Orland - Glain Go. Fair. Sept. 17-20. G. Fair. Asan. Aug. 2-7. Mart Orland - Glain Go. Fair. Sept. 17-20. G. Fair. Asan. Aug. 2-7. Mart Orland - Glain Go. Fair. Sept. 17-20. G. Fair. Asan. Aug. 2-7. Mart Orland - Glain Go. Fair. Asan. Aug. 1-7. Martin W. Sword.
 Gell M. F. Houd. C. O. Hart Asan. Aug. 1-8. Houd. 5-9. Fair. Asan. Aug. 1-9. Martin W. Sword.
 Gell M. F. Houd. C. C. Fair. Asan. Aug. 1-15. C. W. Martin W. Sword.
 Gell M. F. Houd. C. C. Fair. Asan. Aug. 1-15. C. W. Martin W. Sword.
 Gell M. F. Houd. C. C. Fair. Asan. Aug. 1-15. C. W. Martin W. Sword.
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 Gell M. K. Gell, M. K. Glain.
 Gell M. K. Gell, M

Month Friedmann H. Bainler.
Aug. 2. W. H. Bainler.
Moville--Woodbury Co. Fair Assn. Sept. 3-6.
F. H. Rebelsky.
Nashua--Big 4 Fair Assn. Aug. 18-22. Norton Bloom.
National--Clayton Co. Agrl. Soc. Aug. 25-28.
Arthur Seeland, Froelich, Ia.
Northwood--Worth Co. Fair Soc. Aug. 11-13.
Glenn O. Tenold.
Osage--Mitchell Co. Agrl. Soc. Aug. 14-17.
Max Katz.
Oskaloosa--Southern Iowa Fair Assn. Aug. 4-8.
Clyde A. Hanna, New Sharon, Ia.
Fostville--Big 4 Fair. Aug. 29-Sept. I. A.
S. Burdick.
Rock Rapids--Lyon Co. Fair Assn. Aug. 14-17.
Ed E. Frank.
Rockwell City-Calhoun Co. Expo. Aug. 10-

Ed E. FTBILL. Rockwell City-Calhoun Co. Expo. 13. J. H. Nutter. Sibley-Osceola Co. Livestock Show. Sept. 2-5. Sam D. RobInson. Spencer-Clay Co. Fair. Sept. 8-13. L. A.

Sam D. russient Spencer-Clay Co. Fair. Sept. o-40. Witter. Tipton-Cedar Co. Fair. Aug. 12-15. J. F. Casterline. Vinton-Benton Co. Agril. Soc. Aug. 4-8. Richard K. Bauder. Waterloo-Elack Hawk Co. 4-H Fair. Aug.

Sibit, Sam D. 1... Spencer-Clay Co. Witter. Casterline. Vinton-Benton Co. Agri. Soc. Aug. Richard K. Bauder. Waterloo-Black Hawk Co. 4-H Fair. Aug. 12-15. C. Bechtelheimer. Waterloo-Dairy Cattle Congress. Sept 29-Oct. 5. E. S. Estel. Waukon-Allamakee Co. Agri. Assn. Aug. 20-23. A. M. Monserud. Harpers Perry, Ia. Waverly-Bremer Co. Fair Assn. Aug. 14-16. L. Lloyd Chapman. Webster City-Hamilton Co. Fair. Sept. 1-4. L. Lloyd Chapman. West Liberly-West Liberty Fair. Aug. 18-23. Ed Bauder. Water Cher-Keokuk Co. Fair. Aug. 18-23. Ed Bauder. Wan. Free Fair Assn. Aug. Dock. 4. Conlee Smith. Wan. Free Fair Assn. Aug. T. J. Wy Shaw, Newport, Ky. Beatyville-Lee Co. Fair Assn. Sept. 14. July 21-26. Man. Partick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Arrs. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Man. Patrick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Man. Free Fair Assn. Aug. T. July 21-26. Man. Patrick. Ma

Maivern-Mills Co. Feir Assn. Aug. 13-16. D. M. Killie: Mendestrie Delaware Co. Fair Assn. Aug. 15-16. D. M. Killie: Manson-Chihoun Co. Fair Assn. Aug. 25-8. E. George W. Murry. Masson-Chihoun Co. Fair Assn. Aug. 26-31. Sara S. Klotz. Maguoteta-Jackson Co. Fair Assn. Aug. 26-31. Sara S. Klotz. Maguoteta-Jackson Co. Fair Assn. Aug. 26-31. George A. Price.
Marshalltown-Central Iowa Fair. Sept. 9-12. George A. Price. Mason City-North Iowa Fair Assn. Aug. 26-36. Reson City-North Iowa Fair Assn. Aug. 20-22. Sept. 1. M. C. Lawson. Missouri Valley-Harrison Co. Fair Assn. Aug. 27-28. Fred L. Coleman. Monticelle-Jones Co. Fair Assn. Aug. 20-22. Mount F. Ringeold Co. Fair Assn. Aug. 20-22. Mount W. Meover. Mount W. Meover. Mount W. Ringeold Co. Fair Assn. Aug. 20-22. Astn. Aug. 20-22. W. H. Bainter. Mount W. Bainter. Mount W. C. Fair Assn. Aug. 20-22. Astn. Aug. 26-29. H. R. Shimeall. Assn. Aug. 26-20. H. H. Shimeall. Assn. Sept. 30-Oct. 4. Ployd Jackson, Simpson, La. 30-Oct. 4. Ployd Jackson, Simpson, Fair. Assn. Sept. 36-20. New Medica. New No

16. Dean Roumork.
Newton-Harvey Co, Fair Assn. Sept. 1-4.
Guy W. Webster.
Onaga-Pottawatomie Co. Fair Assn. Aug.
27-29. Howard Haughawout.
Ottawa-Franklin Co. Agrl. Soc. Aug. 26-23.
Harry W. Woods.
Pratt-Chamber of Commerce Fair Assn. Aug.
20-23. Creola-Charles Baker.
Scott City-Scott Co. Free Fair. Aug. 21-23.
Donald Christy.
Seneca-Nemaha Co. Agrl. Fair. Aug. 25-27.
Andrew Haverkamp.
Sublette-Haskeil Co. Fair Assn. Aug. 28-30.
Trank McCoy.
Sublette-Haskeil Co. Fair Assn. Aug. 28-30.
Thayer-Thayer Home-Coming Fair-Picnic.
Sept. 3-5. H. M. Minnich.
Toganoxie-Leavenworth Co. Fair Assn. Sept. 3-6. W. A. Buzick Jr.
Topsanoxie-Leavenworth Co. Fair Assn. Sept. 3-7. George L. Baker.
Topeka-Kansas Free Fair. Sept. 6-12. M.
W. Jencks.
West Mineral-Mineral Dist, Free Fair. Sept. 3-0. Ott. 4. Conlee Smith.
Wintia-Kansas Nat'l Livestock Show. Sept. 30-Oct. 4. Conlee Smith.
Winfiel-Cowley Co. Free Fair. Aug. 26-29.
G. B. Wooddell.
Kentucky

Sept. 22-27. Frederic C. Wilson, R. D. 5, Portland. Windsor-Windsor Fair. Aug. 26-Sept. 1. E. R. Hayes.

Maryland

Cumberland-Cumberland Fair Assn. Aug. 26-29. Carl F. Schnutz. Frederick-Great Frederick Fair. Sept. 30-Oct. 3. Guy K. Motter. Timonium-Maryland State Fair. Sept. 1-11. Matt L. Daiger, Pimlico Race Course, Baltl-

Massachusetts

Blandford-Union Agrl. Soc. Aug. 31-Sept. 1. Lee E. Wyman.







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"Mobile" Model MC 25-P with built-in Phono-Top for 6-volt battery and 115-volt A.C. 60 cycle.

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Brockton Art. Soc. Sept. 7-14.
 Brank H. Kingman.
 Trank H. Kingman.
 F. W. Koly.
 Green Blaide Agri. Soc. Aug. 22-24.
 Hiddle-Hildsdie Co. Agri. Soc. Sept. 21-27.
 H. B. Killey.
 Green Blaide Agri. Soc. Sept. 5-16.
 H. B. Killey.
 Green Blaide Agri. Soc. Aug. 24-30.
 Willard A. Besta Obecker, Mass.
 Berg. 27. Elmer O. Odd.
 Marchald-Marshield Agri. Soc. Aug. 24-30.
 Willard A. Besta Obecker, Mass.
 Marchald-Marshield Agri. Soc. Aug. 24-30.
 Willard A. Besta Obecker, Mass.
 Marchald-Rader, Mass.
 Marchald-Marshield Agri. Soc. Sept. 14-30.
 Green Barder, Mass.
 Marchald-Rader, Mass.
 Marchald-Marshield Agri. Soc. Sept. 14-30.
 Marchald-Marshield Agri. Soc. Sept. 14-30.
 Marchald-Marshield Agri. Soc. Sept. 14-30.
 Marchald-Marshield Agri. Soc. Sept. 14-40.
 Marchald, Kinder, Mich.
 Marchald, Kinder, Mart. Soc. Agr. 12-30.
 Marchald, G. Sellers, Mart

Holand, Hower Co. Fair. Aug. 5-10, P. J. Holand.
Bagley-Cléarwater Co. Agrl. Soc. Aug. 7-10. John Hulteen, Clearbrook, Minn.
Barnesville-Clay Co. Fair Assn. July 10-12. Theo. Holum.
Barneum-Cariton Co. Fair. Aug. 14-16. A. H. Dathe.
Baudetté-Laké of the Woods Co. Fair Assn. Aug. 1-2. H. W. Berquest.
Bayoort-Washington Co. Agrl. Soc. Aug. 1-3. Fred S. Lämmers, Stillwater, Minn.
Benndij-Beltrani Co. Fair Assn. Aug. 4-6. Hypatia Spangler.
Bird Island-Renville Co. Agrl. Soc. Sept. 8-10. Peul Kolbe.
Blue Earth-Faribault Co. Fair Assn. Aug. 13-16. B. C. Wilkins.
Breckenridge-Wikin Co. Agrl. Soc. Aug. 14-17. Cyril Wenner,
Caledonia-Houston Co. Agrl. Soc. Aug. 27-30. Ed. Zimmerhakl.
Cambridge-Isanti Co. Agrl. Soc. July 13-Aug. 3. Robert L. Wells.
Cannon Falls-Cannon Valley Fair Assn. July 2-4. R. J. Goodwin.
Clinton-Big Shone Co. Agrl. Soc. Aug. 21-24. G. W. Peoples.
Eik River-Sherburne Co. Agrl. Soc. Aug. 11-13. E. E. Bigge.
Faribault-Rice Co. Agrl. Soc. Aug. 11-3. July 2-4. R. J. Goodwin.
Clinton-Big Stone Co. Agrl. Soc. Aug. 11-3. Aug. 3. Robert L. Wells.
Betron Lakes-Becker Co. Fair Assn. Aug. 11-24. G. W. Peoples.
Fairmont-Martin Co. Agrl. Soc. Aug. 14-17. July 2-4. R. J. Goodwin.
Fairmont-Martin Co. Agrl. Soc. Aug. 14-17. Arnold Kruse.
Farmont-Martin Co. Agrl. Soc. Aug. 14-17. Arnold Kruse.
Farmont-Dakota Co. Agrl. Soc. Aug. 14-17. Arnold Kruse.
Farmont-Dakota Co. Agrl. Soc. Aug. 14-17. Arnold Kruse.

17. Arnold Kruse. Fergus Falls—Otter Tail Co. Agrl. Soc. Aug. 27-30. Knute Hanson. Pertile—Polk Co. Fair. July 14-16. J. W. Reseland.

Gleinwood-Pope Co. Fair. Aug. 25-27. Gil-man Gandrud.

Grand Marais-Cook Co. Agri. Soc. Sept. 16+19 M. J. Humphrey. Grand Rapids-Itasca Co. Agrl. Assn. Aug. 14-17. Francis Mullins. Hallock-Kittson Co. Agrl. Soc. July 3-5. Duffie Larson. Hallock--Kittson Co. Agrl. Soc. July 3-5, Duffie Larson.
Herman-Grant Co. Agrl. Assn. Aug. 22-24. G. I. Haney.
Hibbing-St. Louis Co. Agrl. Soc. Aug. 21-04.
J. J. McCahn.
Litchfield--Meeker Co. Agrl. Soc. Aug. 14-15.
D. E. Murphy.
Hopkins--Hennepiti Co. Agrl. Soc. Aug. 21-23. Mike W. Zipoy.
Howard Lake--Wright Co. Agrl. Soc. Aug. 21-23.
Mike W. Zipoy.
Howard Lake--Wright Co. Agrl. Soc. Aug. 21-24.
Hotkinson---McLeod Co. Agrl. Assn. Sept. 15-18. Everett Oleson.
Jackson--Jackson Co. Fair. Aug. 21-24. An-ton C. Geiger.
Jordan-- Scott Co. Good Seed Assn. Sept. 19-21. Herbert G. Strait.
Kasson-Dodge Co. Fair. Aug. 16-21. L. W. Tietje. Kasson-Dodge Cö. Fair. Aug. 18-51. 4.
Tletje.
Le Center--Le Sueur Co. Fair Assn. Aug. 15-17. W. J. Baker.
Little Falls-Morrison Co. Agrl. Soc. Aug. 8-10. D. T. Sargent.
Little Falls-Morrison Co. Agrl. Soc. Aug. 4.14-16. George Dahl.
Long Frairle-Todd Co. Fair. Aug. 8-10. Logân O. Scow.
Luverne-Rock Co. Agrl. Soc. Sept. 3-6. Herbert F. Moeller.
Madison-Lac qui Parle Co. Agrl. Soc. Sept. 11-14. C. M. Hanson. Luyerne-Hock Co. Agrl. Soc. Eept. 3-6, Herbert F. Moeller.
Madisou-Lac qui Parle Co. Agrl. Soc. Eept. 11-14. C. M. Hauson.
Mahnomen-Mahnomen Co. Agrl. Soc. July 25-27. Jerry Bisch.
Mankato-Blue Earth Co. Fair. Sept. 16-17. Walter Haedt.
Marshall-Lyon Co. Agrl. Soc. Sept. 3-9. F. J. Meade.
Montevideo-Chippewa Co. Fair Assn. Aug. 31-Sept. 3. Carl Engstrom.
Mora-Kanabec Co. Agrl. Soc. Sept. 2-6. Victor Elfstrum.
Morris-Berens Co. Agrl. Soc. Aug. 29-Sept. 1. Louis Vinfe.
Nevis-Hubbard Co. Agrl. Assn. Sept. 10-12. Mirs. John Avenson, Park Rapids, Minn.
New Uhu-Brown Co. Agrl. Soc. Aug. 12-17. William A. Lindemann.
Northome-Koochiching Co. Free Fair. Aug. 12-17. Otto A. Schroeder.
Park Rapids-Shell Prairic Agrl. Assn. Aug. 18-20. B. E. Breuer, Osage, Minn.
Perham-Perham Agrl. Soc. July 25-27. G. B. Weber.
Pillager-Cass Co. Agrl. Soc. Aug. 12-17. Leonard Moshart.
Pine River-Cass Co. Agrl. Assn. Aug. 18-20. Homer Fraser.

Pine River-Cas Homer Fraser. -Cass Co. Agri. Assn. Aug. 18-20.

The Ordy The Cot. Agri. Soc. Aug. 13-14.
Leonard Moshari.
Pine River-Cass Co. Agri. Assn. Aug. 18-20.
Homer Fraser.
Pipestone-Pipestone Co. Agri. Soc. Aug. 18-20.
R. S. Owens.
Preston-Fillmore Co. Agri. Soc. Aug. 21-24.
Charles H. Utley.
Princetom--Mille Lacs Co. Agril. Soc. Aug. 21-23.
R. C. Angstman.
Proctor-St. Louis Co. Community Fair Assn. Aug. 23-26.
Owen J. Larkins.
Red Lake Falls-Red Lake Co. Fair. Sept. 12-13.
Elbert T. Larvick.
Redwood Falls-Redwood Co. Agril. Soc. Aug. 30-58pt. 3.
Elmer Heigeson.
Roceau-Roseau Co. Agril. Soc. July 30-Aug. 3.
A. C. Burgan.
Roseau-Roseau Co. Agril. Soc. Aug. 15-17.
Rerin Charles -Winona Co. Agril. Soc. Aug. 15-17.
Merril Smith.
Saint Cloud-Benton Co. Agril. Soc. Aug. 22-24.
Hubert Ransom.
Sahnt Paul-Minnesota State Fair. Aug. 23-Sept. 1.
Raymond A. Lee.
Saint Paul-Minnesota State Fair. Aug. 23-Sept. 18-19.
Sahnt Paul-Minnesota State Fair. Aug. 23-Sept. 1.
Raymond A. Lee.
Saint Cherter-St. Vincent Union Indust.
Assn. Sept. 18-19.
L. C. Ward.
Sabt Centre-Stearns Co. Agril. Soc. Aug. 14-17.
F. L. Parsons.
Shakopee-Boott Co. Agril. Soc. Aug. 21-24.
W. M. Leebens, Fulda, Minn.
Thief River Falls-Pennington Co. Agril. Soc.

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Mississippi

on-Itawamba Fair-Dairy Show. Sept. 27. H. L. Holland. son-Mississippi State Fair. Oct. 6-11. Fulton-23-27. Jackson-Mississippi State Fair. Oct. 0-41. J. M. Dean. Meadville-Franklin Co. Fair Assn. Oct. 27-Nov. 1. Annette Temple. Philadelphia-Neshoba Co. Fair Assn. July 28-Aug. 1. Willard Hays. Tupelo-Miss. Ala. Fair & Dairy Show. Sept. 30-Oct. 4. James M. Savery. Yazoo City-Yazoo Co. Fair Assn. Sept. 29-Oct. 4. J. N. Ballard. Yazoo City-Yazoo Negro Fair Assn. Oct. 6-11. R. J. Pierce. Missouri City-Appleton City Fair. Aug. Jack

Missouri Appleton City—Appleton City Fair. Aug. 27-29. George Ellis. Bethany—Northwest Mo. State Fair. Sept. 2-5. Lester M. Maple. Bowling Green—Pike Co. Fair Assn. Sept. 3-6. Bill McPike. Brunswick—Brunswick Fair Assn. Sept. 9-13. Berl E. Cahoon. California—Moniteau Co. Fair. Aug. 27-30. Harold Kindle. Cape Girardeau—Southeast Mo. District Fair Assn. Sept. 3-13. H. W. Keller. Carthage—Jasper Co. Agrl. Expo. Sept. 25-28. J. C. Gibbons. Caruthersville—American Legion Fair. Oct. 1-5. H. E. Malloure. Cole Camp—Cole Camp Fair. Sept. 11-13. E. L. Junge. Daviden—Bibler Co. Fair Assn. Oct. 11.

1-5. H. E. Malloure. Cole Camp—Cole Camp Fair. Sept. 11-13. E. L. Junge. Doniphah—Ripley Co. Fair Assn. Oct. 10-11. A. D. Arnhart.

A. D. Arnhart. A. D. Arnhart. Fredericktown-Madison Co. Fair. Sept. 17-18. William R. McCreery. Fulton-Callavay Co. Fair Assn. Aug. 5-8. R. W. Alexander. Grant City-Worth Co. Fair. Sept. 11-13. Frank Barker. Have-Hill Co. Fair-Rodeo. Aug. 11-13. Earl J. Bronson. Aug. 2. Henry J. Otten. Miles City-Eastern Montana Fair. Aug. 23-30. J. H. Bohling.

Two Harbors-Lake Co. Agrl. Soc. Aug. 27-30. Torstein Grinager.
Tyler-Lincoln Co. Fair Assn. Aug. 21-24 Jens S. Bollesen.
Wabasha-Wabasha Co. Agrl. Fair Assn. Aug. 21-24 Jens S. Bollesen.
Wabasha-Wabasha Co. Agrl. Fair Assn. Aug. 21-24 Jens S. Bollesen.
Watena-Cartrer Co. Fair Assn. Aug. 11-13 Gust. H. Seltz.
Warten-Marshall Co. Agrl. Soc. July 22-26 Clyde E. Kolsey.
Warten-Marshall Co. Agrl. Assn. July 17-19 W. R. Holbrook.
Warten-Marshall Co. Agrl. Assn. Aug. 70-10 Judge Leon Sexton.
White Bear Laker-Ramsey Co. Agrl. Soc. July 20-407 Judge Leon Sexton.
White Bear Laker-Ramsey Co. Agrl. Assn. Sept. 4-7 A. W. Yve.
Winten-Traverse Co. Agrl. Assn. Sept. 4-7 A. W. Yve.
Winten-Traverse Co. Agrl. Assn. Aug. 10-21 J. C. Patterson.
Wintender-Traverse Co. Agrl. Assn. Aug. 10-21 J. C. Patterson.
Wintender-Traverse Co. Agrl. Assn. Aug. 10-21 J. C. Patterson.
Wintender-Traverse Co. Agrl. Assn. Aug. 10-21 J. H. Schetta, Mountain Lake, Minn.
Wondard, Cotty-Fair Assn. Aug. 10-21 J. C. Patterson.
Wondard, Cotty-Fair Assn. Aug. 10-21 J. H. Schetta, Mountain Lake, Minn.
Wintender Co. Fair Assn. Aug. 10-21 J. H. Schetta, Mountain Lake, Minn.
Winten George W. Freema.
Winten George W. Freema.
Muntain Grove-Tri-County Fair, Aug. 25-37. E. N. Wright.
Wonthing Grove-Tri-County Fair, Aug. 25-37. E. N. Wright.
Wonthing Grove-Tri-County Fair, Aug. 25-37. E. N. Wright.
Wontain Grove-Tri-County Fair, Aug. 25-37. E. N. Wright.
Muntain Grove-Tri-County Fair, Aug. 27-30. C. Pather Assn. Aug. 26-30. Agrl. Soc. Sept. 9-12. Trav J. Richert.
Moundari Grove-Tri-County Fair, Aug. 27-30. C. Pather Sch. Muntain Grove-Tri-County Fair, Aug. 27-30. J. Frank Sexton.
Mound City-Platte Co. Agrl. Assn. Aug. 27-30. J. Frank Sexton.
Mound City-Platte Co. Agrl. Assn. Aug. 27-30. J. Frank Sexton.
Mound C Lee Jones. Lamar-Lamar Farm & Indust. Expo. Sept. 13-20. Bud Moore. 13-20. Bud Moore. 14-20. Control Convert. 14-10. L 6 Sullivan. 14-10. L 6



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Nevada Elkô -Elko Co. Agril. Assn. Sept. 1=4. Donald New Hampshire

New Hampshire Canaan-Mascoma Valley Fair Assn. Aug. 26-28. William A. Shepard. Contootook-Hopkinton Fair. Aug. 30-Sept. 2. H. R. Clough. Deerfield-Deerfield Fair Assh. Sept. 25-27. W. C. Maxwell, RFD 1, Raymond, N. H. Keene-Cheshire Fair Assn. Sept. 4-6. Mrs. Helen W. Adams. Lancaster-Lancaster Fair Assn. Aug. 29-Sept. 1. Carroll Stoughton. Pittsfield-Pittsfield Agri. Fair Assn. Aug. 26-30. William M. Osgood. Pittsfield-Pittsfield Agri. Fair Assn. Aug. 26-30. William M. Osgood. Plymouth-Union Grange Fair. Sept. 9-12. W. J. Neal, Meredith. N. H. Rochester-Encohester Fair Sept. 15-20. Raiph E. Came.

E. Came. Sandwich-Sandwich Town Grange Fair. Oct. 13. Mrs. Mabel E. Ambrose, N. Sandwich.

New Jersey

Bridgeton.-Cumbérland Go. Gó-op. Falf Assii, Sept. 16-20, Earl L. McCormick.
Flemington-Flemington Falr. Aug. 26-Sept.
Major E. B. Allen.
Treinton-New Jørsey State Fair. Sept. 21-28.
Norman L. Marshall.
Troy Hills-Morris Co. Fair Assn. Aug. 19-23.
Harry W. Wambold, Mofristown, N. J.

New México

Albuquerquê-New Mexico State Fair. Sept. 28-Oct. 5. Leon H. Harms. Roswell-Eastern N. M. State Fair. Oct. 8-11. Earl E. Patterson.

New York

Afton-Afton Fair. Aug. 12-16. Haïrý G. Hořton.
Batavia-Genesée Co. Agvl. Söc. Aug. 11-16. Glen W. Grinnell.
Bath-Bath Fair. Sept. 1-6. J. Victof Faucétt.
Brokheld-Madison Co. Ağrl. Söc. Aug. 31-86pt. 4. R. F. Burdick.
Calcdonia-Caledonia Fair. Aug. 5-10. Mrs. Elizabeth HerkImer.
Châtham-Columbia Co. Ağrl. Söc. Aug. 30-Sept. 1. William H. Dardess.
Cortland-Cortland Co. Ağrl. Söc. Aug. 25-30. Harry B. Tanner.
Dünkfek-Dundeć Fair Assn. Sept. 9=11. In R. Hanmer.
Dünkirk-Chautauqua Co. Ağrl. Corp. Sept. Afton Fair. Aug. 12-16. Harry G. Afton-Dünäße-Bündeć Fair Assn. Sept. 9=11. In R. Hanmer.
Dünkirk-Chautauqua Co. Ağrl. Corp. Sept. 1-6. C. C. Cain.
Fonda-Montgomery Co. Ağrl. Soc. Aüg. 30-Sept. 3. LeRoy Kurlbaum.
Götverneur-Gouverneur & St. Läwrenece Co. Fair. Aüg. 4-9. Bligh A. Dodds.
Hämbürg-Erie Co. Agrl. Soc. Aug. 18-23.
Frank A. Slade, County Hall, Bulfalo.
Hemlöck-Hemlöck Lake Union Ağrl. Söc. Sept. 10-13. Raymönd S. Mörrell, Lävonia.
Little Valley-Cattaraugus Co. Ağrl. Söc. Aug. 26-29. J. W. Watson.
Löwville-Lewis Co. Ağrl. Soc. Aug. 11-16. Cyril L. Seymour, Türin, N. Y.
Maloné-Franklin Cö. Ağrl. Soc. Aug. 11-16.
Midoletown-Oranğe Co. Fair Assn. Aug. 11-16. Alan C. Maddén.
Mineola, L. I.-Mineola Fåir. Sept. 9-13. Charles Bochert.
Nörwich-Chenango Co. Fair Assn. Aug. 19-23. Gefald F. Farham. Mineola, L. I.—Mineola Fäir. Sept. 9-13. Charles Bochert.
Mörwich-Chenango Co. Fair Assn. Aug. 19-23. Gefald F. Fariham.
Pallmyra-Palmyra Fair Assn. Sept. 3-6. W. Ray Converse.
Penn Yan—Yates Co. Agrl. Soc. Aug. 20-23. Oliver Wilcox.
Fike—Silver Lake Agrl. Assn. Aug. 19-22. Henry M. Wagenblass, Warsaw, N. Y.
Rhinebeck—Dutchess Co. Agrl. Soc. Aug. 26-30. Lewis F. Winne.
Sañdy Creek—Sandy Creek Fair Assn. Third week in Aug. William J. Potter.
Schaghticoke—Rensselaer Co. Agrl. Soc. Oct. 1-4. Lorenzo Clinton.
Walton—Délaware Vailey Agrl. Soc. Aug. 19-22. Paul G. Williams.
Weshport—Essex Co. Agrl. Soc. Aug. 19-22. Paul G. Williams.
Weshport—Essex Co. Agrl. Soc. Aug. 26-29. L. H. Lobdell, Wadhams, N. Y.

Tecumseh-Johnson Co. Fair. Sept. 16-18. William Eväns. Valentine-Cherry Co. Fair Assn. Aug. 22-24. Jack C. Coupland. Watchill-Thürston Co. Ağrl. Soc. Aug. 27-30. Aifred D. Roun. Waterloo-Douglas Co. Fair. Sept. 10-13. R. D. Heerrington. Weepling Water-Cass Co. Agrl. Soc. Aug. 20-22. Owen Welch. West Point--Cuming Co. Fair. Aug. 24-28. E M. Baumann. Yörk--Yörk Co. Fair Assn. Aug. 26-29. C. Alvin Olson. New Septimer Commercial Co. Fair. Sept. 26-20. Weepling Water-Cass Co. Agrl. Soc. Aug. 20-21. Sept. 22-27. West Point--Cass Co. Agrl. Soc. Aug. 20-22. Owen Welch. West Point--Cuming Co. Fair. Aug. 24-28. E M. Baumann. Yörk-Yörk Co. Fair Assn. Aug. 26-29. C. Alvin Olson.

 George R. Ivey.
 Fairmont-Fairmont Fair Assn. Sept. 1:6, Jack Huffines.
 Fayêtteville-Cumberlanti Co. Fair. Sept. 23= Oct. 4. W. Connor Holland Jr. Greenville-Pitt Co. Fair. Oct. 20:25, H, J. Burke. Burke.
Hendterson-Golden Belt Fair. Öct. 6-12. G. M. Hight.
Lekington-Davidson Co. Ağrl. Fair. Sept. 22-27. J. J. Matthis.
Littleton-Littleton Fair. Oct. 5-11. T. R. Walker.
Möfroe-Union Co. Fair Assn. Oct. 20-25. M. W. Williams.
Raleigh-North Carolina State Fair. Oct. 13-18. Dr. J. S. Dörtön.
Reldsville-Reidsville Fair Assn. Öct. 6*11. William M. Oliver.
Rocky Mount-Rocky Mount Fair. Oct. 6=11. Norman Y. Chambliss.
Rutherfordton-Ruthefford Co. Agri. Assn. Sept. 15-20. T. W. Calton.
Zebuton-Five-County Fair. Sept. 15=22. R. Vance Brown. Henderson-Golden Belt Fair. Oct. 6-12. C.

North Dakota

North Dakota
Bottineau—Bottineau Co. Agri. Söč. Junë 23-26. A. E. Stewart.
Cando—Towner Co. Fair Assn. June 26-28. Mont Bacon.
Fargo—Red River Valley Fair Assn. Aug. 25-30. A. D. Scott.
Fessenden—Wells Co. Free Fäir. July 8-11. Tony Lill, Cathay, N. D.
Grand Forks—Grand Forks State Fair. June 22-28. Ralph Lynch.
Hamilton — Pembina Co. Fair Assn. July 3-5. Dr. G. A. Ottinger.
Jamestown—Stutisman Co. Fair Assn. July 3-5. Dr. G. A. Ottinger.
Langdon—Cavalier Co. Fair Assn. July 14-16. Dick Forknef.
Minot—North Dakota State Fair. June 20-July 5. H. L. Finkc.
Rugby—Rugby Fair. July 3-5. Carl W. Roberts.

Ohio

Chic Andover-Andover Street Fair Assn. Gept. 5-6. William S. Grabert. Ashley-Ashley Fair. Oct. 1-4. J. W. Henry. Ashland-Ashland Co. Ağrl. Soc. Sept. 17-20. L. B. Hetsler. Athens-Athens Co. Ağrl. Soc. Aug. 19-22. L. G. Baker. Attica-Attica Fair. Sept. 30-Öct. 1. Carl B. Carpenter. Barlow-Barlow Fair. Sept. 25-26. Frank Přotchr. Barlow-E Proctor Proctor: Bellefontaine-Logan Co. Agril. Soc. Sept. 1-5. M. N. Nichöls. Bellville-Bellville Ind. Ågril. Soc. Sépt. 10-13. E. O. Kochheiser, Berea.-Cuyahoga Co. Agril. Soc. Aug. 13-17. William H. Kröešen, Burgyuns-Grawford Co. Agril. Soc. Sept. 1-7. William H. Kroesen, Bugyrus-Crawford Co. Agrl. Soc. Sept. 1-7. Fred Höcker. Fréd Höcker.
Burton-Geauga Cö. Agrl. Soc. Aug. 29-Sept. 1. Charles A. Riley.
Cadiz-Harrison Cö. Agrl. Assn. Bept. 10413.
L. H. Barger.
Caldwell-Noblé Co. Agrl. Soc. Aug. 27-29.
J. K. Walkenshaw.
Canfield-Mähöning Co. Ağrl. Soc. Aug. 28-Sept. 1. E. R. Zleğer, Youingstown.
Canton-Stark Co. Agrl. Soc. Sept. 1-4. Ed. S. Wilson. Wilson. Carrollton-Carroll Co. Agri. Soc. Sept. 24-27. Leonard George, Harlem Springs. Carthage, Cincinnati-Hamilton Co. Fair. Sept. 10-13. Clarence A. Peters, Court House Cincinnati Sept. 10-13. Clarence A. Peters, Court House, Cincinnati.
Cellna-Mercer Cô, Agrl. Sôč. Aug. 10-15.
W. F. Archer.
Chillicothe-Ross Co. Agrl. Soc. Aug. 19-22.
William R. Kraměř.
Circleville-Pickaway Co. Agrl. Soc. Sept. 10-13. T. D. Harman.
Columbus Gröve-Puthani & Allen Co. Agrl. Soc. Dec. 17-19. Amos L. Goodwin.
Columbus-Ohio State Fair. Aug. 23-29. Ed-win J. Bath.
Coshoctoh-Coshocton Co. Agrl. Soc. Oct. win J. Bath. Coshocton-Coshocton Co. Agri. Soc. Oct. 7411. C. V. Groy, R. 1. Dresden, O. Croton-Hartford Ind. Agri. Soc. Aug. 649. Cleil H. Sinkey, R. 2. Centerburg: Dayton-Mönigomery Co. Fair. Sept. 144. Ralph C. Halnes. Delaware-Delaware Co. Agri. Soc. Sept. 15-19. John G. Wagner.



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Arch A. Auer.
Ironton-Lawrence Co. Agrl. Assn. July 23-25.
Owen Griffith.
Jefferson-Ashtabula Co. Agrl. Soc. Aug. 12-16. E. W. Tyler, Ashtabula, O.
Kenton-Hardin Co. Agrl. Soc. Sept. 23-26.
Mys. I. E. Wetherill.
Lancaster-Fairfield Co. Agrl. Soc. Oct. 14-16. Russell W. Alt, R. J. Baltimore, O.
Lebanon-Warren Co. Agrl. Soc. Sept. 16-19.
Corwin Nixon.
Lisbon-Columbiana Co. Agrl. Soc. Sept. 9-13.
J. H. Sinclair, Hanoverton.
Logan-Hocking Co. Agrl. Soc. Sept. 17-20.
J. H. Barker.
London-Madison Co. Agrl. Soc. Aug. 17-21.
Fred M. Guy, Irwin, O.
Loudouville-Loudonville Free Street Fair. Sept. 30-Oct. 2. Charles Bernhard Jr.
Lucasville-Scoto Co. Agrl. Soc. July 30-Aug. 2. A. S. Moulton.
Maconnelsville-Morgan Co. Agrl. Soc. Aug. 21-23.
Orville Kibler.
Marifeld-Richland Co. Agrl. Soc. Aug.
21-23. Orville Kibler.
Marifeta-Washington Co. Agrl. Assn. Aug.
31-Sept. 3. L. E. Apple.
Marion-Marion Co. Agrl. Soc. Aug. 17-22.

4-6. Ray C. Sintui.
Mansfield-Richland Co. Agrl. Soc. Aug. 21-23. Orville Kibler.
Martetta-Washington Co. Agrl. Assn. Aug. 31-Sept. 3. L. E. Apple.
Mariom-Marion Co. Agrl. Soc. Aug. 17-22. H. A. Mayers.
Marysville-Union Co. Agrl. Soc. Sept. 10-13. Gwynu Sanders.
Marnee-Lucas Co. Agrl. Soc. Sept. 10-13. Gwynu Sanders.
Maunee-Lucas Co. Agrl. Soc. Sept. 11-14. Mrs. Pearl Griffin, Tolecio, O.
Medina-Medina Co. Agrl. Soc. Sept. 3-6. Paul M. Jones.
Millersburg-Holmes Co. Agrl. Soc. Sept. 3-6. Verlet H. Spreng. Lakeville. O.
Montpelter-Williams Co. Agrl. Soc. Sept. 3-6. Verlet H. Spreng. Lakeville. O.
Montpelter-Williams Co. Agrl. Soc. Sept. 3-6. Verlet H. Spreng. Lakeville. O.
Montpelter-Williams Co. Agrl. Soc. Aug. 13-16. Glenn Brown.
Mount Gilead-Morrow Co. Agrl. Soc. Aug. 13-36. Glenn Brown.
Mount Vernon-Knox Co. Agrl. Soc. Aug. 26-29. James D. Murray.
Norwalk-Huron Co. Agrl. Soc. Aug. 26-29. Mrs. Elfreda Crayton.
Old Washington-Guernsey Co. Agrl. Assn. Sept. 24-26. Thomas E. Gracy, Cambridge.
Ottawa-Putnam Co. Agrl. Soc. Aug. 12-15. J. W. Evans.
Palmesville-Clermont Co. Agrl. Soc. Aug. 20-24. Eva S. Merrill.
Paulding-Paulding Co. Fair. Sept. 17-20. Ernic Rulman.
Pliceon-Pike Co. Agrl. Soc. Aug. 7-9. Frank B. Convert

Ernie Rulman, Piketon--Pike Co. Agrl. Soc. Aug. 7-9. Frank

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Oklahoma

Oklahoma
Anadarko-Caddo Co. Free Fair. Sept. 3-6. Jim Tomlinson.
Blackwell-Kay Co. Free Fair Assn. Sept. 9-13. W. R. Hutchinson, Newkirk, Okla.
Boise City-Cimarron Co. Free Fair Assn. Oct. 2-4. William E. Baker.
Cushing-Cushing District Fair. First week in Sept. Dick Fisher.
Holdenwille-Hughes Co. Free Fair Assn. Sept. 10-13. Vernon J. Frye.
Miami-Ottawa Co. Fair Assn. Sept. 9-13. Gaston Franks.
Muskogee-Oklahoma Free State Fair. Sept. 20-26. Raibin T. Hemphill.
Perry-Noble Co. Free Fair. Sept. 3-6. Clar-ence Faden.
Poleau-Le Flore Co. Free Fair. Sept. 9-13. Avertt Garrett.
Tulsa-Tulsa State Fair. Sept. 13-20. William
Bregon

Oregon

Burns-Harney Co. Fair Assn. Sept. 12-14. D. C. Jordan. Gold Beach-Curry Co. Fair. Aug. 29-30. G. Fromm. Gresham-Multhomah Co. Fair Assn. Aug. 18-24. A. H. Lea. Gresham-Multhoniah Co. Fair Assi. Aug. 23-24. A. H. Lea. Hillsboro-Washington Co. Fair. Aug. 23-30. Mrs. Leon S. Davis. La Grande-Union Co. Fair. Middle of Sept. R. S. Comstock, Cove. Ore. Lakeview-Lake Co. Fair. Sept. 6-3. E. A. Fetsch. Lakeview-Lake Co. Fair. Sept. 6-3. E. A. Fetsch.
Monnouth-Polk Co. Fair. Aug. 21-23. Josiah Wills, Dallas, Ore.
Moro-Sherman Co. Fair Assn. Sept. 19-21. LeRoy C. Wright.
Myrtle Point-Coos Co. Fair. Sept. 10-13. P. C. Roper.
Portland-Pacific Int'l Livestock Expo. Oct. 4-11. Walter A. Holt.
Prineville-Crooked River Fair Assn. Aug. 22-24. Jerry Breese.
Redmond-Deschutes Co. Fair. Sept. 1-7. Leo G. Spitzbart.

Ernie Rulman.
Frank
Piketon--Pike Co. Agrl. Soc. Aug. 7-9. Frank
B. Cooper.
Plain City--Plain City Ind. Agrl. Soc. July
30-Aug. 3. H. S. Foust.
Pomeroy-Meigs Co. Agrl. Soc. July 22-25.
C. L. Heaton.
Randolph-Randolph Ind. Agrl. Soc. Sept.
19-30. Margaret Stanford.
Ravenna--Portage Co. Fair. July 29-Aug.
2. M. H. Patch.
Richwood--Richwood Ind. Agrl. Soc. Aug. 5-8.
Dana D. Lowe, Marysville, O.
Saint Clairsville--Belmont Co. Agrl. Soc.
Shelby-Shelby Co. Marl. Soc. Sept. 7-12.
Sidney-Shelby Co. Agrl. Soc. Sept. 7-12.
Sidney-Shelby Co. Agrl. Soc. Sept. 7-12.
Sumoth-Earl Constantion of the sept. 7-12.
Sumoth-Earl Constantion of the sept. 7-12.
Sumoth-Shelby Co. Agrl. Soc. Sept. 7-12.
Sumoth-Shel

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Forrest. Unity-Plum Township Farm Show. Sept. 11-13. J. W. Hornbeck. Waterford-Waterford Community Fair. Sept. 3-6, Thomas G. Shallenberger. York-York Interstate Fair, Sept. 9-13. Clare.

Trageser.

South Carolina

Sumter-Sumter Co. Fair. Nov. 3-8. J. Chin Brown. Union--Union Co. Agrl. Fair Assn. Sept. 29-Oct. 4. Grover J. Alverson. Walterboro-Colleton Co. Fair Assn. Week of Nov. 3. E. E. Jones.

South Dakota

Gettysurg-Potter Co. Fair, Aug. 28-30 (tent.). Charley Miller. Huron-South Dakota State Fair. Sept. 2-6. F. L. Hafner. Mitchell-Corn Palace. Sept. 22-27. R. B. Wil-lard. Onide-Sulls Co. Pote Accession (1997) Onida-Sully Co. Fair Assn. F. Neu. Parker-Turner Co. Fair. Aug. 24-27. J. C. -Sully Co. Fair Assn. Aug. 21-23. John Jensen. Sioux Falls-Sioux Empire Fair Assn. Aug. 19-24. Al Halverson. Tripp-Hutchinson Co. Fair Assn. Aug. 28-30. William E. Hoff.

Tennessee

Alexandria-DeKalb Co. Fair. Aug. 6-9, J. B.

Alexandria-DeKalb Co. Fair. Aug. 6-9. J. B. Evins.
Carthage-Carthage Agrl. Assn. Aug. 13-16. Stanton Hunter.
Centerville-Hickman Co. Fair Assn. Sept 10-13. J. L. Flinn.
Chattanooga-Chattanooga-Hamilton Co. In-terstate Fair. Sept. 15-20. Mrs. Maude H. Atwood.
Clarksville-Montgomery Co. Fair Assn. Sept. 11-13. Mrs. Louise B. Booth.
Columbia-Mid-State Fair. Week of Aug. 24. George L. Buchnau.
Cookwille-Potnam Co. Agrl. Fair. Sept. 4-6. W. J. Huddleston.
Harriman-Roane Co. Fair, Sept. 1-6. W. B. Stout.

Huntingdon-Carroll Co. Fair. Sept. 22-27. J. F. Walters.

Indiana—Indiana Co. Fair. Aug. 26-30. Bertha Jones, Plumville, Pa.
Iaureiton—Union Co. West End Fair Assn. Sept. 3-6. J. Frank Snyder.
Lehighton—Lehighton Fair. Sept. 1-6. Frank R. Diehl.
Idgonier—Ligonier Valley Fair Assn. Aug. 29-Sept. 1. J. C. Irwin.
Manstield—Smythe Park Assn. Aug. 27-30.
Frank Marvin.
Myerstown—Myerstown Community Fair Assn. Oct. 8-10. James B. Woodford.
Northampton—Twin Co. Agril. Assn. Sept. 3-5. Warren J. Dech.
Port Royal—Juniata Co. Agril. Soc. Sept. 1-6. J. Robert Stimmel.
Reading—Reading Fair. Sept. 7-14. Charles W. Swoyer.
Red Lion—Gala Week Fair. July 21-26. R. M. Spangler, Hummels Wharf, Pa.
Selinsgrove—Selinsgrove Fair. Week of July 21. Roland E. Fisher.
Stoneboro—Great Stoneboro Fair. Aug. 29-Sept. 1. Walter B. Parker.
Tioga—Tioga Valley Fatr. Aug. 3-9. Carl H. Forrest.
Unity—Flum Township Farm Show. Sept. 11-13. J. W. Hornbeck.
J. W. Hornbeck.
J. Roland E. Fisher.
Stoneboro—Great Stoneboro Fair. Aug. 29-Sept. 1. Walter B. Parker.
Tioga—Tioga Valley Fatr. Aug. 3-9. Carl H. Forrest.
Unity—Flum Township Farm Show. Sept. 11-13. J. W. Hornbeck.
J. W. Hornbeck.
J. W. Hornbeck.
J. Walter B. Parker.
J. W. Hornbeck.
J. K. Mather B. Schward Marker Show. Sept. 11-14. J. W. Hornbeck.
J. W.

Trenton-Gibson Co. Fair. 5050. R. Wade. Westmoreland-East Sunner Fair Assn. Sept. 5-6. Miss Gustine Simmons.

Texas Abilene-West Texas Fair Assn. Sept. 14-20. D. H. Jefferies. Arlington-North Texas Fair Assn. Aug 25. Sept. 1. Julian H. Blackwell. Beaumont-South Texas State Fair. Oct. 6-15. K. D. Schwartz. Center-Shelby Co. Fair Assn. Oct. 7-11. Bubba Cowser. Cleburne-Johnson Co. Fair. Week of Sept. 15. Jack D. Brown. Crockett-Houston Co. Fair. Sept 22-27. J. H. Reinicke. South Carolina
Anderson-Anderson Fair, Oct. 13-13, J. A. Mitchell.
Columbia-South Carolina State Fair. Oct.
Seger 1. Julian H. Blackwell.
Beaumont-South Texas State Fair. Oct.
Columbia-South Carolina State Fair. Oct.
Seger 1. Julian H. Blackwell.
Beaumont-South Texas State Fair. Oct.
Center-Shelby Co. Fair Assn. Oct. 7-11.
Bubba Cowser.
Center-Shelby Co. Fair. New. 37-8.
J. M. Hughes.
Orangeburg-Orangeburg Co. Fair. Nov. 3-8.
J. M. Hughes.
Spartanburg-Pledmont Interstate Fair. Oct.
Ginew.
Sumter-Sumter Co. Fair. Nov. 3-8.
Gumen-Sumter Co. Fair. Nov. 3-8.
Cord. 4. Ira A. Campsey.
Cord. 4. Ira A. Campsey.
Cord. 6-11. C. M. Thomas. Gainesville-Cooke Co. Fair. Sept. 1-6. Claude Jones.
Harlingen-Valley Mid-Winter Fair. Nov. 24-30. Joe L. Mock.
Iowa Park-Texas-Oklahoma Fair. Sept 29-Oct. 4. Ira A. Campsey.
Livingston-Trinity-Neches Regional Fair. Oct. 6-11. C. M. Thomas.
Lubock-Panhandle South Plains Fair. Sept. 29-Oct. 4. Mrs. C. E. Luce.
Marshall-Central East Texas Fair. Oct. 6-11. Oscar B. Jones.
Mount Pleasant-Titus Co. Fair. Sept. 2-6. W. L. Means.
Nacogdoches-Nacogdoches Co. Fair. Oct. 13-18. John L. Balley.
Palestine-Anderson Co. Fair. Oct. 13-18. G. O. Miller Jr.
Richmond-Fort Bend Co. Fair Assn. Ocf. 9-12. C. I. Snedecor.
Tomball-Harris Co. Fair Assn. Oct. 16-19. R. D. Spell.
Wharton-Wharton Co. Fair. Sept. 9-13. H. Charles Koehl Jr.
Yoktown-Yorktown Fair Assn. (Festival). Oct. 15-17. Paul A. Schmidt.

Utah

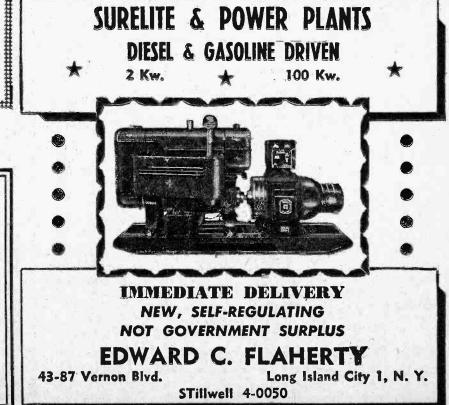
Duchesne-Duchesne Co. Fair-Rodeq. Sept 12-13. Cliff Mickelson. Nephi-Juab Co. Fair. Sept. 4-6. Carol Cox. Ogden-Ogden Livestock Show. Nov. 16-21. E. J. Fjeldsted. Salt Lake City-Utah Centennial Expo., pro-duced by State Fair Assn. June 2-Sept. 20: Sheldon R. Brewster.

Vermont

Essex Junction—Champlain Valley Expo. Aug. 24-30. Harris K. Drury. Hartland—Hartland Fair. Aug. 20-22. M. P. Rogers, Woodstock, Vt. Rutland—Rutland Fair. Sept. 1-6. Arthur B. Porter.

Virginia

Amherst-Amherst Co. Fair Assn. Sept. 23-26. W. M. Gannaway.



Covington-Allegheny Co. Fair Assn Sept. 8-13. Thomas B. McCaleb.
Danville-Danville Fair Assn. Sept. 30-Oct. 4. B. F. Bar.
Dungannon-Scott Co. Fair Assn. Sept. 10-13. Charles W. Compton, Wood, Va.
Hampton-Hampton Roads Dist. Fair. Sept. 15-20. H. J. Burke.
Keller-Eastern Shore Agril. Fair. Aug. 26-30. J. Milton Mason.
Lynchburg-Lynchburg Agril. Fair. Aug. 18-23. L. H. Schrader.
Martinsville-Henry Co. Fair Assn. Sept. 15-21. O. B. Hensley.
Nordek-Twin County Fair. Sept. 22-27. H. J. Burke.

akima--Centra. J. Hugh King. West Virginia

Chilton-Calumet Co. Agrl. Soc. Aug. 29-Sept. 1. Herbert Harder.
Chfppewa Falls-Northern Wis. District Fair. Aug. 5-10. A. L. Putnam.
Darlington-Lafayette Co. Agrl. Soc. July 25-28. Joseph W. Donahoe.
De Pere-Northeastern Wis. Fair. Aug. 20-24. William S. Klaus.
Eagle River-Vilas Co. Agrl. Soc. Aug. 15-17. Herman M. Smith.
Elkhorn-Walworth Co. Agrl. Soc. Aug. 29-Sept. 1. Charles A. Jahr.
Ellsworth-Pierce Co. Fair Assn. Sept. 2-5. H. G. Seyforth.
Fond du Lace-Fond du Lac Cq. Fair. Aug. 13-17. J. B. Kolsta.
Galesville-Trempealeau Co. Fair. Aug. 29-Sept. 1. Frank M. Smith.
Gillett-Oconto Co. Youth Fair. Aug. 22-24. Emery J. Ansorge.
Glenwood City-Glenwood Inter-Co. Fair Assn.

Paul Swaffar.Roanoke-Roanoke Fair.Aug. 11-17.LesterRocky Mount-Rocky Mount Fair.Sept. 9-13.Rocky Mount-Rocky Mount Fair.Gillett-Oconto Co. Youth Fair.Aug. 22-24.Berry J. Ansorge.Gillett-Oconto Co. Youth Fair.Aug. 22-24.Rocky Mount-Rocky Mount Fair.Sept. 9-13.Gillett-Oconto Co. Youth Fair.Aug. 22-24.Staunton-VirginiaState Fair. Sept. 1-6.Gillett-Oconto Co. Youth Fair.Aug. 22-24.Staunton-VirginiaState Fair. Sept. 1-6.Gillett-Oconto Co. Youth Fair.Aug. 22-24.Suffolk-Tidewater Fair Assn.C. Holman.C. Holman.Creen Lake-Green Lake Co. Junior Fair.Aug. 28-31.Tasley-Tasley Fair.Aug. 20-23.J. EdgarBeforen Lake-Green Lake Co. Junior Fair.Aug. 28-31.J.Warsaw-Northern Neck Fair Assn.Sept.Holvenstot, Washburn, Wis.Janesville-Rock Co. 4-H Fair Assn.Aug. 6-10.Woodstock-Shenandoah Co. Fair Assn.Aug. 6-10.Joseph W. Frisch.Aug. 6-10.WarshingtonAug. 6-10.Joseph W. Frisch.Aug. 6-10.

11-14. K. I. GARDAN Jefferson-Jefferson Co. Fair, Aug. 0-10. Ac. ace L. Buri. La Crosse-La Crosse Interstate Fair Assn. Aug. 6-10. Joseph W. Frisch. Ladysmith-Rusk Co. Fair, Aug. 19-22. F. J. WashingtonChehalis—Southwest Wash. Fair. Aug. 21-24.
Vernon J. Zerwekh.La Crosse La Crosse Interstate Fair Assn.
Aug. 6-10. Joseph W. Frisch.
Ladysmith—Rusk Co. Fair. Aug. 19-22. F. J.
Manning.
Lancaster—Grant Co. Agrl. Soc. Sept. 5-9.
E. W. Huckfeldt.June 1. Merle Gwinn,
Ellensburg—Kithitas Co. Fair. Aug. 30-Sept. 1.
Wendell W. Prater.
Goldendale—Klickitat Co. Fair Assn. Sept.
5-7. E. M. Huckfeldt.
Longview-Kelso—Cowlitz Co. Fair. Sept. 5-7.
Harold Gilkey, Longview.
Mount Vernon—Skagit Co. and 4-H Fair. Aug.
27-30, Mrs. Julia Tewalt.Sept. 5-7.
Sept. 1. A. F. Rank.
Marshfield—Central Wis. State Fair Assn.
Aug. 31-Sept. 4. R. R. Williams.
Mauston—Juneau Co. Fair. Aug. 11-14.
Mala Walla—Southeastern Wash. Fair Assn.
Aug. 29-Sept. 1. Leslie L. Stewart.
Waterville—North Central Wash. Fair. Sept.
19-21. G. Merton Dick.June time to the sector wash.
Fair. Sept. 24-28.
J. Hugh King.June time to the sector wash.
Fair. Sept. 24-28.
J. Hugh King.June time to the sector wash.
Fair Assn.
Sept. 1. C. L. Winn.Wast Vince Wash.
Wast Vince Wash.
Wash.Fair. Sept. 24-28.
J. Hugh King.Sept. 1. C. L. Winn.
Wash.
Wash.
Yakima—Central Washington Fair, Sept. 24-28.
J. Hugh King.Sept. 1. C. L. Winn.
Wash.

Menomonie-Dunn Co. Fair. Aug. 13-17. Lyle G. Pollock. Merrill-Lincoln Co. Free 4-H Fair. Aug. 4-76 Gustav A. Sell. Mineral Point-Southwestern Wis. Fair. Aug. 29-Sept. 1. C. L. Winn. Mondovi-Buffalo Co. Agrl. Soc. Aug. 23-26. J. V. Whelan. Monroe-Green Co. Fair. July 31-Aug. 3. W. R. Schuetze.

 WICSE Vin grinde
 Montroe—Green Co. Fair. July 31-Aug. 3.

 Lewisburg—State Fair of W. Va. Aug. 18-23.
 Montroe—Green Co. Fair. July 31-Aug. 3.

 Robert E. Sydenstricker.
 W. R. Schuetze.

 Manington—Mannington Fair Assn. 9-13. Goffe H. Sturm.
 Sept.

 Marlinton—Pocahontas Co. Fair Assn.
 Sept.

 Marlinton—Pocahontas Co. Fair Assn.
 Aug.

 11=16. Fred C. Allen.
 Wisconsin

 Wisconsin
 Yisconsin

 Aug.
 State Fair. July 31-Aug. 3.

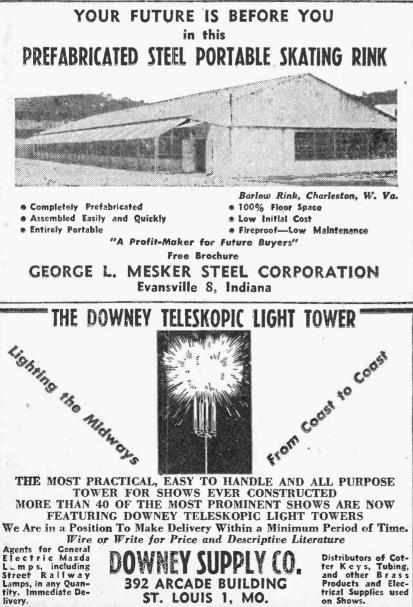
 Morroe—Green Co. Fair. July 31-Aug. 3.
 Neilsville—Clark Co. Agrl. Soc. Aug. 15-18.

 Harold Huckstead.
 Oshkosh—Winnebago Co. Fair & Expo. Aug.

 Schwister Co. Free Co. Fair. Aug. 21-24. F. W.
 Phillips—Price Co. Fair. Aug. 21-24. F. W.

 Heath.
 Platterille—Badear State Fair. July 2.6 W

Heath. Heath. Heath. Heath. Heath. Baraboo-Sauk Co. Agrl. Soc. Aug. 26-29. George W. Davies, North Freedom, Wis. Black River Falls-Jackson Co. Agrl. Soc. Sept. 6-9. Douglas J. Curran. Heath. Plateville-Badger State Fair, July 3-6. W. G. Pitts. Plumouth-Sheboygan Co. Fair. Aug. 29-Sept. 1. W. H. Eldridge. Portage-Columbia Co. Fair Assn. July 31-Aug. 3. H. H. Niemeyer.



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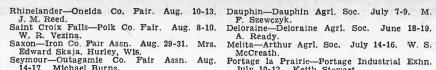
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HURST BLDG.



Edward Skaja, Hurley, W15. Seymour—Outagamie Co. Fair Assn. Aug. 14-17. Michael Burns. Shawano — Shawano Co. Fair. Sept. 4-7, Louis W. Catteau. Slinger—Washington Co. 4-H Club Fair. July 31-Aug. 3. E. E. Skaliskey, West Bend. Spooner—Washurn Co. Fair Assn. Aug. 18-20. W H Dougherty.

Wyoming

Buffalo—Johnson Co. Fair. Aug. 27-29. Wil-liam B. Long. Casper—Natrona Co. Fair Assn. Aug. 19-22. H. L. Rains. Pine Bluffs—Laramie Co. Fair Assn. Aug. 28-30. Charles W. Stephens. Poweil—Big Horn Basin Fair. Aug. 21-23. R. A. Roney.

Canada

ALBERTA ALBERTA Calgary-Calgary Exhn. & Stampede. July 7-12. J. Charles Yule. Edmonton-Edmonton Exhn. Assn. July 14-19. C. E. Wilson. Olds-Olds Agrl. Soc. Aug. 8-9 (tent.). I, G. Paulson. Red Deer-Bed Dece to the

Brandon-Provincial Exhn. of Man. June 30-July 5. S. C. McLennan. Carman-Dufferin Agrl. Soc. June 30-July 2. Gordon Peck.



F. Szewegen Deloraine-Deloraine Agri. Soc. A. Ready. Melita-Arthur Agrl. Soc. July 14-16, W. S. McCreath. In Prairie-Portage Industrial Exhn.

July 10-12. Keith Stewart. NEW BRUNSWICK Gagetown-Queens Co. Fair Assn. Sept. 12-13. Fred Hyatt, Mill Cove, N. B. NOVA SCOTIA Pictou-Pictou & N. Colchester Exhn. Sept. 2-4. Fred W. MacKay. Truro-Central N. S. Exhn. Aug. 26-29. W. R. Retson.

Slinger-Washington Co. 4-H Club Fair, July 31-Aug. 3. E. E. Skaliskey, West Bend. Spooner-Washur Co. Fair Assn. Aug. 18-20. W. H. Dougherty. Surgeon Bay-Door Co. Fair Assn. Aug. 21-217. M. H. Lavine. Union Grove-Racine Co. Agrl. Soc. Aug. 26-28. E. A. Polley, Rochester, Wis. Viroqua-Vernon Co. Agrl. Soc. Sept. 17-21. Oren G. Johnson. Wausau-Wisconsin Valley Fair. Aug 13-17. H. A. Kiefer. Wausau-Wisconsin Valley Fair. Aug. 21-22-24. Wausau-Wisconsin Valley Fair. Aug. 21-21. Wausau-Wisconsin State Fair. Aug. 16-24. Ralph E. Ammon. West Allis, Milwaukee-Wisconsin State Fair. Aug. 16-24. Ralph E. Ammon. West Mile J. Co. Fair. Aug. 8-10. E. V. Reyauwega-Waupaca Co. Fair. Aug. 8-10. E. V. Wimot-Kenosha Co. Fair. Aug. 8-10. E. V. Wyoming Wyoming Salectown-Queens Co. Fair Assn. Sept. 12-13. Fred Hyatt, Mill Cove, N. B. Sept. 1. Charles B. Drewry, Marinette. Solution-Great Northern Exhn. Sept. 25-27. V. A. Ellis. Delta-Delta Fair Assn. Sept. 1-3. Isaac Stevens, Philipsville, Ont. Emwale-Elmvale Fair. Sept. 11-14. Frank Haffner. Wimot-Kenosha Co. Fair. Aug. 8-10. E. V. Rustified -Marquette Co. Fair. Aug. 8-10. E. V. Rustif E. Smith.
Fort William--Canadian Lakehead Exhn. Aug.
4-9. W. Walker.
Galt-South Waterloo Agrl. Soc. Sept. 18-20.
Robert E. Cowan.
Leamingtom-Leamington Dist. Agrl. Soc.
Sept. 15-20. Cecil Stobbs.
McKellar--McKellar Agrl. Soc. Sept. 16-18.
L. Moffat.
Midland--Tiny and Tay Agrl. Soc. Sept. 18-20.
Robert G. Nesbitt.
Oshawa-South Ont. Agrl. Soc. Sept. 8-10.
E. W. Webber, Columbus, Ont.
Ottawa-Central Can. Exhn. Assn. Aug. 18-23.
H. H. McElroy.
Perth-South Lanark Agrl. Soc. Sept. 5-6.
M. J. Donohoe.
Simcoe-Norfolk Co. Fair. Oct. 6-9. Harold I. Pond.
Tilleanburg _Tillsonburg Agrl. Soc. Sept. 23-





SUITE 28

CHATTANOOGA, TENN.



AMUSEMEN'T PARKS

Alabama

- Anniston (Oxford)—Oxford Lake Park, W. E. (Billy) Morgan, owner-mgr.; has four rides, eight concession games, pool, arcade, coin machines; books orchestras and attractions on special occasions. Mobile—Grand View Park, Joe Palughi, owner;
- has five rides. Arizona

Phoenix-Treasure Island Park, Joe Weber, mgr.; has 10 rides, 14 concession games, penny arcade; books orchestras and attrac-tions.

California

- tions:
 California
 Balboa-Balboa Fun Zone, Al Anderson, evner, er; has four rides, 23 concession games, penny arcade.
 Hollywood-Kiddie Amusement Park, Joe Diehl Jr., mgr.; has 11 rides.
 Long Beach-Silver Spray Pier, Long Beach Pleasure Pier Co., owners; H. H. Cole, ngr.; has 10 rides, 23 concession games.
 Long Beach-The Pike, C. C. Marlette, ngr.; has two rides, 12 concession games, pool, penny arcade; books attractions.
 Long Beach-Viyginia Park Amusements, H. A. Ludwig, mgr.; has 12 rides, 25 concession games, penny arcade, coin machines.
 Los Angeles-Beverly Park, David E. Bradley Jr., owner-mgr.; has 12 rides, penny arcade.
 Ocean Park-Ocean Park Amusement Pier, Roy C. Troeger, mgr.; has 15 rides, 45 concession games, penny arcade, coin machines.
 Ocean Park-Ocean Park Amusement Pier, Roy C. Troeger, mgr.; has 15 rides, 45 concession games, penny arcade, coin machines.
 Ocean Side-Beach Amusement Center, Harold Gene Long, owner; has eight rides, 30 concession games, rink, penny arcade, coin machines; books orchestras and attractions.
 Pismo Beach-Pismo Playway Park, Ross O. Keeler and George A. Doss, owners; managers; has 16 rides, 20 concession games, rink, penny arcade, coin machines; books orchestras and attractions.
 Redondo Beach-Redondo Gay Way, M. Symon, owner; Al M. Miller and Herb Usher, mgr.; has 15 rides, 20 concession games, rink, penny arcade, coin machines.
 San Diego-Mission Beach Amusement Park, Frank Guthrie, mgr.; has 12 rides, 96 concession games, rink, penny arcade, coin machines.
 San Diego-Mission Beach Amusement Park, Frank Guthrie, mgr.; has 12 rides, 96 concession games, pool, rink, penny arcade, coin machines.
 San Trancisco-Witiney's Playland-ai-the-Beach, George K. Whitney, owner-mgr.; has
- cession games, pool, rink, penny arcade, coin machines; books orchestras, free at-tractions. San Francisco-Whitney's Playland-at-the-Beach, George'K. Whitney, owner-mgr.; has 27 rides, 21 concession games, rink, penny arcade, coin machines; books orchestras. Santa Cruz-Santa Cruz Seaside Co., Louis W. Jenkins Jr., pres.; has 12 rides, 16 con-cession games, pool, penny arcade, coin machines; books orchestras, free acts.

Santa Monica—Newcomb's Santa Monica Pier, W. D. Newcomb Jr., owner-Ingr.; has six rides, four concession games, penny arcade, coin machines; books orchestras.

Sunland-Sunland Amusement Park, C. H. Allton, owner; Andy Carson, mgr.; has 18 rides, 15 concession games, pool, penny H. 18 arcade.

Colorado

Denver-Lakeside Park, Benjamin Krasner, gen. mgr.; has 16 rides, seven concession games, pool, penny arcade, coin machines; books orchestras; attractions occasionally. Denver-Elitch Gardens, Arnoid B. Gurtler Sr., owner-mgr.; has eight rides, penny ar-cade, coin machines; books orchestras and attractions. attractions.

Connecticut

Bridgeport-Pleasure Beach Park, owned by city; has 19 rides, eight concession games, pool, rink, penny arcade; books orchestras. pool, rink, penny arcade; books orchestras.
Bristol-Lake Compounce Amusement Park,
I. E. Pierce, mgr.; has seven rides, six concession games, rink, penny arcade, coin machines; books orchestras, free attractions.
Middlebury-Lake Quassapaug Park, M. J. Leon, owner-mgr.; has three rides, 10 concession games, pool; books free acts.
New Haven-Savin Rock Park, Frederick E. Levere, mgr.; has 40 rides, 100 concession games, two rinks, three penny arcades, coin machines; books orchestras and attractions.
New London-Ocean Beach. Meredith Lee.

machines; books orchestras and attractions. New London-Ocean Beach, Meredith Lee, supt; has five rides, 12 concession games, pool, rink, penny arcade, coin machines; books orchestras, pay and free attractions. Waterbury-Lakewood Park, owned by city; J. J. Curtin, supt. of parks; has two rides, three concession games.

Delaware

New Castle-Deemers Beach Park, Shorty Fincher, mgr.; has three rides, 20 concession games, rink, penny arcade, coin machines; books orchestras and pay attractions. Port Penn-Augustine Beach Amusement Park, Thomas Texis, owner; Ralph H. Brown, mgr.; has four rides, 12 concession games; books orchestras, free attractions. Wilmington-Rodeo Park, eight miles north of city, E. Jones and M. Duke, mgrs.; has three rides, 20 concession games.

Florida

Jacksonville Beach-Griffen Amusement Park, Frank A. Griffen Jr., mgr.; has eight rides, 10 concession games, coin machines. Jacksonville Beach-Boardwalk; has 12 rides, 20 concession games, pool, penny arcade.



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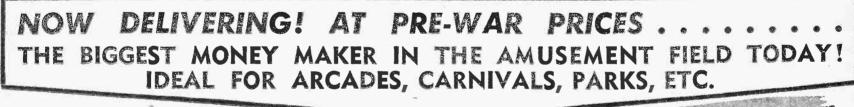
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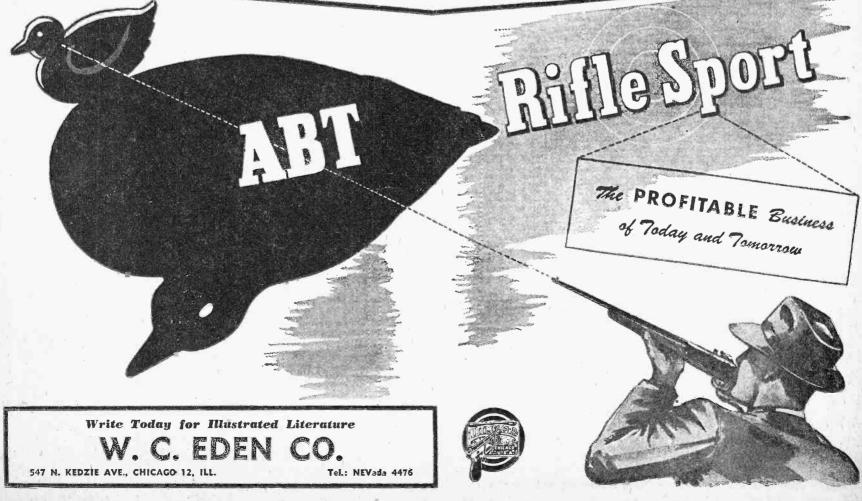
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CATALOG

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ARNIVA

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- Miami-P. B. A. Amusement Park, Miami Po-lice Dept., operators J. L. Logan, mgr.; has five rides, two concession games; books orchestras, free attractions.
- Pensacola-Gulf Beach Amusement Park, Ellis & Richardson, owners; Fred R. Rainey, mgr.; has four rides, 10 concession games, coin machines; books orchestras occasion-
- mgi, mes tot books orchestras occasion-ally. ampa-Sulphur Springs Park, Gordon C. Hunt, mgr.; has two rides, concession games, pool, rink, penny arcade; books or-chestras and attractions. Ta

Georgia

Atlanta-Lakewood Amusement Park, South-eastern Fair Assn., owners; Mike Benton, pres. and mgr.; has 20 rides, 15 concession games.

Idaho

Coeur d'Alene-Playland Pier, owned by city; W. Earl Somers, mgr.; has five rides 10 concession games, lake, penny arcade, coin machines.

Illinois

Aurora-Exposition Park, Orville P. Fox, owner-mgr.; has five rides, pool, rink; books orchestras

- owner-mgr.; has five rides, pool, rink; books orchestras.
 Chicago-Riverview Park, G. A. Schmidt, gen-mgr.; has 36 rides, 50 concession games, rink, three penny arcades.
 Oaklawn-Green Oaks Kiddy-Land, M. J. Doo-lan, owner; C. Watson, mgr.; has nine rides, four concessions.
 Paris-Twin Lakes Park, owned by city; I. P. Crose, mgr.; has five rides, three concession games, beach, penny arcade, coin machines; books orchestras and attractions.
 Round Lake-Renehan Park, George P. Kene-han, owner; has 10 rides, eight concession games, pool, rink, penny arcade, coin ma-chines; books orchestras, pay attractions.
 Indiana
 Fort Wavne-West Swiney Park, Ennis Hros.,

- Indiana Fort Wayne--West Swinney Park, Ennis Bros., owners-mgrs.; has nine rides, 12 concession games, pool, penny arcade, coin machines; books orchestras and attractions. Indianapolis--Riverside Amusement Park, John L. Coleman, pres.; H. E. Parker, mgr.; has 25 rides, 12 concession games, rink, penny arcade; books attractions. Michigan City---Washington Park, Lakeview Am. Co., owners; Harold K. Barr, mgr.; has nine rides, 20 concession games, penny ar-cade, coin machines; books orchestras. Monticello---Ideal Beach Resort, T. E. Spack-man, mgr.; has four rides, six concession games, pool, rink, penny arcade, coin ma-chines; books orchestras. South Bend---Playland Park, Earl J. Redden, owner-mgr.; has nine rides, 15 concession games, pool, rink, penny arcade; books attractions.
- games, poo attractions.

Iowa

Arnolds Park-Benit Amusement Park, Eldo M. Benit, mgr.; has seven rides, 15 con-cession games, rink, penny arcade, coin machines. macnines. cone—Spring Lake Park, Robert McBirnie, owner-mgr.; has one ride, three concession Bo

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Kansas

Bonner Springs-Lakewood Park, L. D. Wlard, owner-mgr.; has three rides, 15 concession games, pool, rink, penny arcade; books orchestras, pay and free attractions.

Kentucky

Dayton-Tacoma Park, Charles E. Graham, owner-mgr.; has three rides, pool, rink,

Deyton-1200ma (Fark, Charles, E. Graham, owner-mgr.; has three rides, pool, rink, penny arcade.
 Lexington-Joyland Park, R. R. Renfrew, mgr.; has 14 rides, 12 concession games, pool, penny arcade, coin machines; books orchestras.
 Louisville-Pontaine Ferry Park, John F. Singhiser, mgr.; has 14 rides, 12 concession games, pool, rink, penny arcade, coin machines; books orchestras, free attractions.
 Louisville-Community Park, Ted Rout, own-er-ngr.; has nine rides, 22 concession games; books free attractions.
 Louissiana

Louisiana

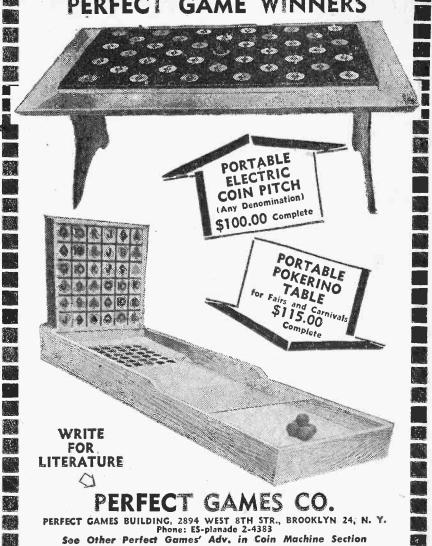
New Orleans-Audubon Park, owned by city; George Douglass, mgr.; has five rides, pool; books orchestras, pay and free attractions. New Orleans-Pontchartrain Beach, Harry J. Batt, mgr.; has 10 rides, 16 concession games, penny arcade; books free attractions. Maine

Maine Old Orchard Beach—Old Orchard Pier, White-way, John W. Duffy's, Old Orchard Beach Am. Co., John W. and W. L. Duffy, mgrs.; has 10 rides, three penny arcades, coln ma-chines; books orchestras, attractions. Old Orchard Beach — Seashore Amusement Park, Samuel Osher, owner; David Wolfson, mgr.; has five rides, five concession games, rink, penny arcade, coin machines; books pay attractoms.

Uppo I.

pay attractions. pper Gloucester-Royal River Park, Howard I. Small, mgr.; has three rides, concession games, pool, rink, penny arcade; books or-chestras and attractions.

PERFECT GAME WINNERS





Maryland

Baltimore—Bay Shore Amusement Park; has 12 rides, 16 concession games, beach, penny arcade, coin machines; books orchestras, free attractions. Baltimore—Gwynn Oak Park, Arthur B. Price, owner; Edw. R. Price, mgr.; has 22 rides, 14 concession games, penny arcade, coin machines; books orchestras and attractions. Daltimere Forter Amusement Park John

machines; books orchestras and attractions.
Baltimore-Eastern Amusement Park, John W, Isac, owner-mgr.; has nine rides, 24 concession games, rink, penny arcade, coin machines; books pay, free attractions.
Baltimore-Liberty Park, Harry A. Hale, own-er; C. C. Hulsey, mgr.; has six rides, 11 concession games, rink, penny arcade; books orchestras, pay attractions.
Baltimore-Carlin's Park, J. J. Carlin Sr., owner; Marion Berry, mgr.; has 20 rides, 33 concession games, pool, ice and roller rinks, penny arcade, coin machines; books orchestras, free acts.
Braddock Heights-Braddock Heights Park,

J. H. Baker, mgr.; has three rides, two concession games, rink, penny arcace; books pay attractions.
Chesapeake Beach — Seaside Park, Seaside Park, Inc., owners; J. M. Rector, mgr.; has four rides, 10 concession games, pool, penny arcade, coin machines; books pay acts wormstonally.
Chestertown—Tolchester Pàrk, Tolchester, Lines, owners; G. G. Huppman, mgr.; has five rides, two concession games, rink, penny arcade.
Earleville—White Crystal Beach, Alfred E. Green, owner-mgr.; has two rides, six concession games, penny arcade, coin machines.
Ellicott City, 10 miles west of Baltimore—Brendel's Manor Park, William P. Brendel, mgr.; has two rides, four concession games, pool; books orchestras, pay attractions.
Glen Echo—Glen Echo Park, Leonard B. Schloss' gen. mgr.; heas fine rides, concession games, pool, penny arcade.
Marshall Hall Park, L. C. Addison, D. C.—Marshall

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CITY. ZONE STATE

has nine rides plus three kiddie rides, 10 concession games, penny arcade, coin ma-

has nine rides plus three kiddle rides, 10 concession games, penny arcade, coin ma-chines. Middle River-Cape May Beach, Cape May Beach Corp., owners; E. V. Shivers, mgr. (P. O. Stemmers Run, Md.); has three rides, five concession games, penny arcade. coin machines; books orchestras, pay and free attractions. Ocean City-Windsor Resort, D. Trimper Jr., mgr.; has 10 rides, 10 concession games, penny arcade, coin machines.

Massachusetts

penny arcade, coin machines.
Massachusetts
Agawam, near Springfield-Riverside Park, Edward J. Carroll, owner-mgr.; has 17 rides, 15 concession games, rink, penny arcade; books orchestras and attractions.
Auburndale - Norumbega Park, Norumbega Park Co., owners; Roy Gill, mgr.; has 14 rides, 20 concession games, penny arcade; books orchestras, acts.
Dartmouth-Lincoln Park, John Collins, owner-mgr.; has 18 rides, 20 concession games, penny arcade; books orchestras and attractions.
Holyoke-Mountain Park, Louis D. Pellissier, mgr.; has nine rides, six concession games, rink, penny arcade; books orchestras and attractions.
Holyoke-Mountain Park, Harold D. Gilmore, mgr.; has environ Park, Harold D. Gilmore, mgr.; has environ Park, Harold D. Gilmore, mgr.; has three rides, two concession games, rink, penny arcade; books orchestras and attractions.
Nantasket Beach-Paragon Park, Lawrence M. Stone, mgr.; has 12 rides, seven concession games, rink, penny arcade; books orchestras, new finkes, books orchestras, free attractions.
Nendon-Lake Nipmuc Park, Daniel E. Bauer, owner-mgr.; has six rides, flive concession games, rink, penny arcade; books orchestras, free attractions.
New Bedford-Acushnet Park, Daniel E. Bauer, owner-mgr.; has six rides, flive concession games, rink, penny arcade; books orchestras.
New Bedford-Acushnet Park, Baulel E. Bauer, owner-mgr.; has six rides, flive concession games, rink, penny arcade; books orchestras, free attractions.
New Bedford-Acushnet Park, Banel E. Bauer, owner-mgr.; has six rides, flive concession games, rink, penny arcade; books orchestras, free attractions.
Salisbury-Salisbury Beach, Chamber of Commerce; has 10 rides; 10 concession games, rink, remy remy rides; flive on machines;

free acts. Salisbury-Salisbury Beach, Chamber of Com-merce; has 10 rides; 10 concession games, pool, rink, penny arcade, coin machines; books free attractions. Worcester-White City Park, Hamid Am. Co., owners; Sam Hamid, mgr.; has 14 rides, 15 concession games, pool, rink, penny arcade, coin machines; books orchestras, free acts. Wrentham-Lake Pearl Park, E. R. Enegren, owner-mgr.; has four rides, penny arcade, coin machines; books orchestras; free acts eccasionally.

Michigan

coin machines; books orchestras; free & cts occasionally. **Michigan**Bay City-Paraleon Beach, George S. Dilas, owner-mgr.; has four rides, four concession games, penny arcade.
Bay City-Wenona Beach, O. D. Colbert, mgr.; has nine rides, 11 concession games, rink, penny arcade. coin machines; books orchestras, pay and free attractions.
Detroit-Edgewater Park, C. S. Rose, owner; Claude H. Ammon and Jack Dickstein, comanagers; has 22 rides, 18 concession games, rink, penny arcade; books attractions.
Detroit (St. Claire Shores)-Jefferson Beach Park, Harry Stahl, supt.; has 24 rides, 30 concession games, rink, penny arcade, coin machines; books orchestras.
Detroit-Eastwood Park, Henry Wagner, Max B. Kerner, owners; Henry Wagner, mgr.; has six rides, 10 concession games.
Detroit-Eabe-to Island Park (Essex County, Ont.), Bob-Lo Excursion Co., foot of Wood ward Ave, owners; Harry Fletcher, gen. mgr.; has 18 rides, 12 concession games, rink, penny arcade, coin machines; books attractions; orchestras cocasionally.
Mint-Flint Park, Dr. L. H. Firestone, gen. mgr.; has 18 rides, 12 concession games, rink, penny arcade, coin machines; books attractions; orchestras (needs.).
Mand Rapids-Ramona Park (Reed's Lake), Fred J. Barr Jr., mgr.; has 14 rides, 25 concession games, rink, penny arcade, coin machines; books attractions.
Masett-Lake Lensing Amusement Park, W. A. and R. E. Sprague, owners-mgrs.; has four rides, six concession games, rink, penny arcade, six concession games, books attractions.
Magett-Lake Lensing Amusement Park, W. A. and R. E. Sprague, owners-mgrs.; has four rides, six concession games, penny arcade; books orchestras, attractions.
Masett-Lake Lansing Amusement Park, W. A. and R. E. Sprague, owners-mgrs.; has four rides, six concession games, books attractions.
Maseth-Scheek, Scheek, Scheek,

Minnesota

Excelsior—Excelsior Amusement Park, Fred W. Pearce Co., owners; Fred W. Clapp and J. P. Colihan, mgrs.; has 15 rides, eight concession games, penny arcade, coin ma-chines; books orchestras. free attractions. Fairmont—Interlaken Park, Al Menke, owner-mgr.; has eight rides, 12 concession games, lake, rink; books orchestras and attractions.

Missouri

Missouri Kansas City-Fatryland Park, Marion Bran-cato, owner; Harry Duncan, mgr.; has 16 rides, 24 concession games, pool, penny ar-cade; books orchestras, pay and free at-tractions. Kirkwood (St. Louis)-Sylvan Beach Park, F. S. Wiemeyer, owner; has two rides, two concession games, pool, penny arcade. Robertson (St. Louis)-West Lake Park, Joseph Botto, owner; Henry Block, mgr.; has 14 rides, eight concession games, pool, rink, penny arcade, coin machines. Virginia

Virginia

Virginia Buckroe Beach-Buckroe Beach Resort, P. V. Stieffen, mgr.; has 10 rides, 20 concession games, penny arcade, coin machines; books orchestras, free attractions. Norfoik-Ocean View Park, Dr. Dudley Cooper owner; Albert Miller, mgr.; has 20 rides, 22 concession games, beach, penny arcade; books orchestras, free attractions. Roanoke-Lakeside Park, H. L. Roberts, own-er-mgr.; has eicht rides. 15 concession games, pool, rink; books orchestras.



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Covington, Kentucky

Nebraska

Hastings-Lib's Park, Liburn Phillips, owner-mgr.; has three rides, two concession games, pool; books orchestras and free attractions. Lincoln-Capitol Beach, Hoyt R. Hawke, mgr.; has seven rides, 10 concession games, pool, rink, penny arcade; books orchestras and attractions.

New Hampshire

Lochmere-Gardner's Grove, Mollie Copeland Lambert, owner: J. Copeland, ngr.; has one ride, four concession games, pool, rink, penny arcade; books orchestras, pay and free attractions.
 Manchester-Grystal Lake Park, Mrs. John Kilonis, mgr.; has three rides, eight conces-sion games; books free attractions.
 Manchester-Pine Island Park, Barney J. Wil-liams, owner-mgr.; has seven rides, 10 con-cession games, rink, penny arcade, coin machines; books orchestras and attractions.

New Jersey

Asbury Park-Palace Amusements, Zimel Res-nick and Edw. Lange, owners-mgrs.; has four rides, three concession games, penny arcade, coin machines. Atlantic City-Steeplechase Pier, Atlantic Am. Co., owners; has 10 rides, four concession games.

co., owners; has 10 rides, four concession games.
Atlantic City—Steel Pier, Abraham Ellis and George A. Hamid, owners; Richard Endicott, mgr.; has three theaters, ocean stadium, ballroom.
Clementon—Clementon Lake Park, Theo. W. Gibbs, mgr.; has 16 rides, 15 concession games, penny arcade; books free attractions.
Irvington—Olympic Park, Henry A. Guenther, mgr.; has 23 rides, 25 concession games, pool, rink, penny arcade; books attractions.
Lake Hopatcong—Bertrand Island Park, Louis Kraus, mgr.; has 10 rides, 16 concession games, penny arcade.

St. Joseph-Lake Contrary Amusement Park, L. F. Ingersoil, owner-mgr.; has nine rides, inconcession games, penny arcade, coin machines; books orchestras, free acts.
St. Louis-Forgst Park Highlands, A W. K. K. Louis-Forgst Park Highlands, A W. K. Louis-Chain of Rocks Amusement Park, and Trving Rosenthal, owners-mgr.; has sine rides, 10 concession games, pool, penny arcade, coin machines; books orchestras, attractions.
St. Louis-Chain of Rocks Amusement Park, E. N. Brendél Jr., mgr.; has eight rides, 10 concession games, pool, rink, penny arcade, coin machines; books orchestras, attractions.
St. Louis-Downs Amusement Park, E. N. Brendél Jr., mgr.; has eight rides, 10 concession games, pool, rink, penny arcade.
St. Louis-Suburban Park, St. Louis Bus Concession games, pool, rink, penny arcade.
St. Josis-Suburban Park, St. Louis Bus Concession games, pool, rink, penny arcade.
St. Josis-Suburban Park, St. Louis Bus Concession games, pool, rink, penny arcade. coin machines: books attractions.
St. Jonis-Park, Attractions.
St. Louis-Subarban Park, St. Louis Bus Concession games, pool, rink, penny arcade. coin machines: books attractions.
St. Jonis-Subarban Park, St. Louis Bus Concession games, pool, rink, penny arcade.
St. Jonis-Subarban Park, St. Louis Bus Concession games, pool, rink, penny arcade.
St. Morrison, lessee, has five rides, four concession games, pool, rink, penny arcade. coin machines: books attractions.
Stanger Park (St. Louis Co.)-Valley Bath Armsement Park, Reno Weggeman, owners, has flour rides, four concession games, pool, rink, penny arcade. coin machines: books attractions.
St. Louis-Subarbark, K. Louis Co.)-Walley Bath Armsement Park, Reno Weggeman, owners, has flour rides, four concession games, pool, rink, penny arcade, coin machines.
St. St. Louis-Subarbark, Reno Weggeman, owners, has flour rides, four concession games, pool, rink, penny arcade, coin machines.</l

10 concession games, lake, rink, penny ar-cade, coin machines.
Pennsville--Riverview Beach Park, L. K. Chrisman, mgr.; has 14 rides, four conces-sion games, pool, rink, penny arcade.
Seaside Heights-Seaside Heights Casino, Linus R. Gilbert, owner-mgr.; has seven rides, 30 concession games, pool, rink, penny arcade, coin machines; books attractions; orchestras occasionally.
Seaside Heights-Freeman's Amusement Cen-ter, J. Stanley Tunney, mgr.; has five major and 10 kiddle rides, 60 concession games, penny arcade, coin machines.
West Orange-Crystal Lake Park, Robert C. Mauro, mgr.; has four rides, four concession games, pool.
Wildwood-Casino Arcade Park, S. B. Rama-gosa, owner; R. M. Edwards, mgr.; has seven rides, 18 concession games, pool, pen-ny arcade, coin machines.
Wildwood-Playland, Cedar Schellenger Corp., owners; Robert J. Kay, mgr.; has 15 rides.

New York

Angola—Lalle's Anusement Park, Michael Guzzetta, mgr.; has eight rides, 20 conces-sion games, penny arcade, coin machines; books attractions. Auburn—Owasco Park, John Padlick, owner; S. E. LeGrou, mgr.; has nine rides, 12 concession games, penny arcade, coin ma-chines.

chines. Canandaigua—Roseland Park, William W. Muar, owner-mgr.; has 12 rides, six con-cession games, penny arcade, coin machines; books orchestras, free attractions.

Cohocton (Loon Lake) — Palace Amusement Park, Nick Galbo, owner-mgr.; has two rides, six concessions, beach, rink, penny arcade, coin machines; books orchestras, acts

accs. oney Island—Steeplechase Park, Steeplechase Amusement Co., owners; James J. Onofato, mgr.; has 31 rides, concessions, pool, penny arcade, coin machines. C

Grand Island-Edgewater Park, Frank Wagner and L. Goldberg, owners; has four rides, 18 concession games, penny arcade; books or-

concession games, penny arcade; books or-chestras.
Jamestown-Celoron Park on Lake Chau-tauqua, Harry A. Illions, owher; George Carr, mgr.; has 20 rides. 20 concession games, rink, penny arcade, coin machines; books orchestras, pay and free attractions.
Manlius, near Syracuse-Suburban Park, Fred W. Searle, owner-mgr.; has eight rides, six concession games, penny arcade, coin ma-chines; books free acts occasionally.
Niagara Falls-Midway Beach Park, Joseph F. Paness, owner-mgr.; has four rides, 10 concession games, rink, penny arcade, coin machines; books orchestras, pay and free attractions.

machines; attraction;



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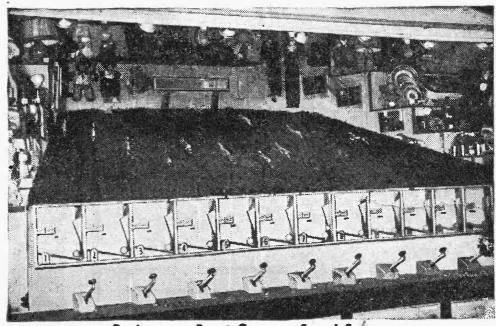
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RIDDLE

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Richfield Springs-Canadarago Park, Joe Ma-gee, mgr.; has rides, concession games, pool, rink; books orchestras, attractions.

ochester—Dreamland Park, Sea Breeze, George W. Long, mgr.; has 10 rides, six con-cession games, penny arcade; books free attractions.

attractions.
 Rockaway Beach-Seaside Amusement Park, Drambour Brothers, owners and operators; has rides and concession games.
 Rockaway Beach-Rockaways' Playland, A. Joseph Geist, owner-mgr.; has 14 major and six kiddie rides, 15 concessions, penny ar-cade, coin machines; books attractions.
 Rye-Playland, Westphester County, owners; George B. Currier, mgr.; has 21 major and 10 kiddie rides, 22 concession games, pool, rink, penny arcade, coin machines; books free acts.
 Saratoga Springs-Kaydeross Park. Jack

Tink, penny arcade, coin machines; books free acts.
Saratoga Springs-Kaydeross Park, Jack Gross, mgr.; has five rides, five concession games, beach, rink, penny arcade, coin machines; books pay and free attractions.
Sea Breeze-Board Walk, A. H. Bornkessel, owner-mgr.; has four rides, 10 concession games, penny arcade, coin machines; books free attractions.
Williamsville-Glen Park, Harry Altman, owner-mgr.; has four rides, nine concession games, penny arcade, coin machines; books orchestras, free attractions.
Youngstown-Lakewood Park on Lake Ontario, C. H. Tothill, owner-mgr.; has four rides, lo concession games, penny arcade, con second walk on the contact on the second second back of the second back

North Carolina

Asheville-Recreation Park, owned by city; Harry McDonnold, mgr.; has six rides, three concession games, pool, rink. Atlantic Beach-Atlantic Beach, Inc., A. B. Cooper, owner; Newman Willis, mgr.; has six rides, eight concession games, penny arcade, coin machines; books orchestras, free acts.

Akron-Sandy Beach Park, W. I. Warensford, owner-mgr.; has three rides, seven conces-sion games, penny arcade; books free at-tractions.

Akron-Summit Beach Park, Frank Raful, mgr.; has 22 rides, 20 concession games, pool, rink, penny ardade, coin machines; books orchestras and attractions. Bascom-Meadowbrook Park, H. L. Walter, mgr.; has six rides, three concession games, pool, penny arcade, coin machines; books attractions occasionally. Bowling Green-Vollmar's Park, Mrs. Ella Vollmar, owner; William B. Jacobs, gen. mgr.; has five rides, 15 concession games, penny arcade; books pay and free attrac-tions. Brady Lake-Brady Lake Park

Cleveland—Euclid Beach Park, The Humphrey Co., owners; H. C. Shannon, mgr.; has 14 big and 7 small rides, concession games, rink, penny arcade, coin machines.
Cleveland—Puritas Springs Park, J. E. Good-ing, mgr.; has 18 rides, 20 concession games, rink, penny arcade; books orchestras and attractions.

attractions.
 Columbus—Zoo Park, Leo and Elmer G. Haen-lein, mgrs.; has nine rides, eight concession games, penny arcade, coin machines.
 Dayton—Lakeside Park, Lakeside Park Co., owners; Gerald Niermann, mgr.; has 14 rides, eight concession games, penny arcade, coin machines; books orchestras.
 Dayton--Frankie's Forest Park, Frank J. Schaufler, owner-mgr.; has nine major and six kiddle rides, seven concession games, penny arcade, coin machines; books attrac-tions.

Findlay-Riverside Park, owned by city; Serv-ice Director J. M. Malloy, mgr.; has four rides, eight concession games, pool, rink, penny arcade; books orchestras and attrac-tions. tions

Geauga Lake-Geauga Lake Park, C. R. Adrion, C. W. and H. W. Schryer, V. J. Terrell, owners; has 19 rides, 17 concession games, pool, rink, penny arcade, coin ma-chines; books free attractions.

Genoa-Forest Park, C. J. Uthoff, owner-mgr.; has eight rides, 16 concession games, rink, penny arcade, coin machines; books orches-tras, free attractions.

penny arcade, com machines, books orchestras, free attractions.
 Lake Milton—Craig Beach Park, Earl F. Peitz, mgr.; has six rides, 14 concession games, pool, penny arcade, coin machines; books orchestras; attractions occasionally.
 Middletown—LeSourdsville Lake, Don Dazey, mgr.; has 12 rides, five concession games, pool, penny arcade; books orchestras and attractions.

attractions. Russells Point-Russells Point Boardwalk, French L. Wilgus, owner; Jack Stone, mgr.; has eight rides, 30 concession games, pool, rink, penny arcade, coin machines; books orchestras, pay attractions.

Russells Point-Sandy Beach Park, Indian-Lake Am. Co., owners; Lou Bruno, mgr.; has 11 rides, 12 concession games, pool, rink, penny arcade, coin machines; books name bands.

Sandusky—Cedar Point on Lake Erle, The G. A. Boeckling Co., owners; Edw. A. Smith, mgr.; has 25 rides, 50 concession games, rink, penny arcade, coin machines; books name bands.

Tink, penny arcade, coin machines; books name bands.
Toledo--Walbridge Park, Mrs. Harry Covode, mgr.; has eight rides, four concession games, penny arcade.
Toledo--Willow Beach Park, W. H. Davis, mgr.; has four rides, 12 concession games, rink.
Vermilion--Crystal Beach Park, J. L. Blanchat, owner-mgr.; has seven rides, 35 concession games, rink, penny arcade; books orchestras, pay and free attractions.
Youngstown--Idora Park, M. A. Rindin, mgr.; has 14 rides, 10 concession games, pool, penny arcade, coin machines; books orchestras.
Zanesville--Moxahala Park, Tim Nolan, ownermgr.; has 12 rides, 10 concession games, pool, rink, penny arcade, coin machines; books orchestras, pay and free attractions.

pool, rink, penny arcade, coin machines; books orchestras, pay and free attractions.
 Wk lahoma Cache—Craterville Park, Frank Rush, owner-mgr.; has six rides, four concession games, pool, rink, penny arcade, coin machines; books attractions.
 Oklahoma City—Springlake Amusement Park, Roy and Marvin Staton, mgrs.; has eight rides, 12 concession games, pool, penny arcade; books orchestras, free attractions.
 Tulsa—Crystal City Amusement Park, John C. Mullins, owner; has six rides, 20 concession games, pool, penny arcade; books orchestras.
 Deregon Portland—Oaks Amusement Park, E. H. Bol-linger, mgr.; has 15 rides, 11 concession games, rink, penny arcade, coin machines; books orchestras and free attractions.
 Portland—Jantzen Beach, Hayden Island Am. Co., owners; Roy J. Carpenter, mgr.; has 28 rides, -30 concession games, pool, penny arcade: books orchestras, pay and free attractions.
 Seaside—Gayway Park, Vernon G. Raw, own-er-mgr.; has five rides, four concession games; at separate locations, pools and penny arcades.





mgr.; has five rides, 15 concession games, penny arcade; books pay and free attractions.
Brady Lake—Brady Lake Park, Edward C. Kleinman, mgr.; has 12 rides, 30 concession games, pool, rink, penny arcade, coin machines; books orchestras and attractions.
Buckeye Lake—Buckeye Lake Park, John J. Carlin Sr., owner; A. M. Brown, mgr.; has 20 rides, 58 concession games, pool, rink, penny arcade; books orchestras, free acts.
Bucyus—Seccaium Park, E. A. Jolly, mgr.; has five rides, five concession games, pool, rink, penny arcade; books orchestras, free acts.
Bucyrus—Seccaium Park, E. A. Jolly, mgr.; has five rides, five concession games, pool, two penny arcade, coin machines; books orchestras if ree acts.
Canton-Meyers Lake Park, Carl M. Sinclair, mgr.; has seven rides, concessions, beach, rink, penny arcade, coin machines; books orchestras.
Celina—Edgewater Park, C. M. Myers, owner; Theo. V. Temple, mgr.; has flor rides, 10 concession games, pool, penny arcade, coin machines; books orchestras.
Chippewa Lake—Chippewa Lake Park, Parker Beach, owner-mgr.; has 12 rides, 17 concession games, rink, penny arcade, books orchestras.
Cincinnati—Coney Island, Edw. L. Schott, gen. mgr.; has 21 rides, including 6 kiddle rides; 16 concession games, pool, penny arcade; books orchestras, free attractions.
Cincinnati—Zoological Garden, owned by eity; Joseph A. Stephan, gen. mgr.; has eight rides in Kiddieland, pony track.

Pennsylvania

Allentown-Dorney Park, R. L. Plarr, mgr.; has 10 rides. concessions, pool, rink, penny arcade; books orchestras, acts. Auentown-Central Park, A. G. Nabhan, own-er-manger; has 10 rides, 13 concession games, penny arcade, coin machines; books orchestras, pay and free attractions. Altoona-Lakemont Park, Samuel B. Taylor, nugr.; has 15 rides, nine concession games, wool, rink, penny arcade, coin machines; books attractions.

books attractions. Barnesville-Lakeside Park, J. Tomat, mgr.; has six rides, eight concession games, lake, rink, penny arcade, coin machines; books orchestras, attractions. Bellefonte-Hecla Park, A. F. Hockman, own-er-mgr.; has three rides, 10 concession games, pool, rink, penny arcade, coin ma-chines; books orchestras, pay and free at-tractions.

chines; books orchestras, pay and nee attractions. halfont--Forest Park, Richard F. Lusse, owner-mgr.; has nine rides, eight concession games, pool, penny arcade; books attrac-tions. Chalfont

tions. Conneaut Lake Park—Conneaut Lake Park, Hotel Conneaut, Inc., owners; H. F. Lewis, mgr.; has nine rides, 20 concession games, rink, penny arcade, coin machines; books orchestras; attractions occasionally. Easton—Tropical Island Beach, between Eas-ton and Phillipsburg, N. J.; Leo H. Cericola, mgr.; has rides, concession games; books attractions. Easton—Bushkill Park, Thomas V. Long, owner; has several rides and concession games, pool, rink, penny arcade, coin ma-chines.

chines.

chines.
Easton-Willow Park, Shelbo Bros., owners-mgrs.; has three rides, four concession games, pool; books free attractions.
Elysburg-Knoebel's Groves, H. H. Knoebel, owner; Lawrence L. Knoebel, mgr.; has seven rides, six concession games, pool, rink, penny arcade, coin machines.
Erie-Waldameer Beach Park, F. W. A. Moeller, owner; D. W. Andrews, gen. mgr.; has 11 rides, 10 concession games, penny arcade; books orchestras and attractions.
Halifax-Tourist Park, H. Lusk, mgr.; has

has 11 rides, 10 concession games, penny arcade; books orchestras and attractions.
Halifax-Tourist Park, H. Lusk, mgr.; has three rides, 10 concession games, penny arcade, coin machines; books orchestras, pay and free attractions.
Hanover-Forest Park. A. Karst, mgr.; has nine rides, 12 concession games, rink, penny arcade, coin machines; books orchestras, pay and free attractions.
Hazieton-Hazle Park, Caleb Williams, mgr.; has four rides, three concession games, penny arcade, coin machines; books orchestras.
Hershey-Hershey Park, J. B. Sollenberger, mgr.; has 18 rides, pool, rink, penny arcade, coin machines; books orchestras.
Johnstown--Ideal Park, Milan Diklich, ownermgr.; has two rides, four concession games, pool, rink, penny arcade, coin machines; books othestras.

books attractions.
Lancaster-Rocky Springs Park, Joseph Figari, owner; James Figari, mgr.; has seven rides, seven concession games, pool, rink, pen-ny arcade, coin machines; books orchestras, pay and free attractions.
Lemont Furnace, near Uniontown-Shady Grove Park, Michael Cabot, mgr.; has five rides, 10 concession games, pool, rink, penny arcade; books orchestras, pay and free attractions.
Lewistown-Kishacoquillas Park, James E. Moren, owner-mgr.; has three rides, nine concession games, pool, rink, penny arcade, coin machines; books orchestras and at-tractions.
Ligonier-Idlewild Park, C. K. Macdonald.

tractions. Ligonier--Idlewild Park, C. K. Macdonald, mgr.; has 12 rides, pool, penny arcade; books free attractions. Mahanoy City--Lakewood Park, Richard Guinan, mgr.; has 12 rides, pool, rink, penny arcade, coin machines; books orches-tras, pay and free attractions. Mechanicsburg--Williams Grove Park, Roy Richwine, owner; J. Robert Richwine, mgr.; has 12 rides, 36 concession games, pool, penny arcade, coin machines; books or-chestras occasionally; pay and free attrac-tions.

chestras occasionally; pay and free attrac-tions. Mechanicsburg-Willow Mill Park, W. C. Miller and Dale Ettele, owners-mgrs.; has eight rides, seven concession games, pool, rink, penny arcade; books free attractions. Mount Gretna-Mount Gretna Park and Beach, Gene P. Otto, owner-mgr.; has two rides, eight concession games, rink, penny arcade. coin machines; books pay attractions. New Bethlehem-American Legion Park, H. J. Heffner, mgr.; has three rides, four conces-sion games, rink; books orchestras, pay attractions. New Gastle-Cascade Park, owned by city; C. C. Coulthard, mgr.; has 10 rides, pool; books orchestras and attractions.

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:05

March 29, 1947

Pennsburg-Sleepy Hollow Ranch, Western Amusement Park, on Route 663, Ken and Dan Newman, owners; has rides, concession games; books orchestras and pay attractions.
Perkasie-Menlo Park, Henry S. Wilson, own-er-mgr.; has three rides, pool, rink, penny arcade; books free attractions.
Philadelphia-Woodside Park, N. S. Alexander, Iessee; has 23 rides, two concession games, pool, penny arcade, coin machines; books vaude acts.
Pine Grove-Twin Grove Park, Mr. Penny-packer, mgr.; has three rides, 12 concession games, pool, rink, penny arcade, coin ma-chines; books orchestras, free attractions.
Pittsburgh-Burke Glen Park, Burke Bros., owners; William Burke, mgr.; has seven rides, four concession games, pool, rink, penny arcade, coin machines; books orchestras, free attractions.
Pittsburgh-West View Park, George N. Har-ton, gen. mgr.; has 24 rides, 14 concession games, rink, penny arcade, coin machines; books orchestras, free attractions.
Pittsburgh-Kennywood Park, A. B. McSwigan, pres.; Carl F. Henninger, mgr.; has 33 rides, 12 concession games, pool, rink, penny arcade; books orchestras and free atractions.
Scranton-Lake Ariel Park and Beach, Bert Derby, owner-mgr.; has 12 rides, 16 conces-sion games, penny arcade; books free at-tractions.
Scranton (Moostc)-Rocky Glen Park, Beni, Sterling Jr., owner; Gibby Sterling, mgr.; has cid ride five concession games, ponny arcade; books free at-tractions.

tractions. Scranton (Moosic)-Rocky Glen Park, Benj. Sterling Jr., owner; Glbby Sterling, mgr.; has 14 rides, five concession games, pool, penny arcade, coin machines; books free acts.

acts. Shamokin-Edgewood Park, George H. Jones, mgr.; has eight rides, 10 concession games, pool, rink, penny arcade; books free attrac-

mgr.; has eight flues, 10 concession games, pool, rink, penny arcade; books free attractions.
Sunbury--Rolling Green Park, R. M. Spangler, owner-mgr.; has 11 rides, 14 concession games, pool, penny arcade; books orchestras and attractions.
Uniontown-Shady Grove Park, Cabct Bros, owners; Mike Cabot, mgr.; has five rides, 11 concession games, pool, rink, penny arcade, coin machines; books orchestras, pay and free attractions.
Wilkes-Barre-Sans Souci Park, Hanover Am. Co.; owners; Mrs. Nellie Barr, mgr.; has 13 rides, seven concession games, pool, rink, penny arcade; books orchestras.
Willow Grove (Philadelphia)--Willow Grove Park, E. E. Foehl, gen. mgr.; has 20 rides, 15 concession games, rink, penny arcade; books pay attractions.
York-Brookside Park, Robt. Hoffman, owner; Floyd F. Schell, mgr.; has five rides, 20 concession games, penny arcade, coin machines; books free attractions.

Rhode Island

ast Providence-Crescent Park, John T. Clare, mgr.; has 10 rides, 20 concession games, rink, penny arcade, coin machines; books orchestras. East

South Carolina

Charleston-Isle of Palms Park. Tom Terrill, gen. mgr.; has two rides, four concession games, beach, coin machines.

Tennessee

Transsen
Antanooga-Warner Park, owned by city; John T. Mahanon, mgr.; has 12 rides, four concession games, pool, rink; books attractions.
Chathanooga-Lincoln Park for Negroes, owned by city; W. E. Thornhill, mgr.; has five rides, for eastras, free attractions.
Antanooga-Lake Winnepession games, pool; books or chestras, free attractions occasion, five concession games, pool; penny arcade; books attractions occasionally.
Monthis - Fairgrounds Amsement Park, Howard Waugh, mgr.; has 11 rides, eight concession games, pool.

Texas

Corpus Christi-North Beach Amusement Park, Bill Hames and T. G. Ledel, owners; R. V. Ray, mgr.; has seven rides, 20 concession games, pool, rink, penny arcade, coin ma-

Jay, Mgr., May other view of the second secon

Dallas-Fair Park, owned by city; W. H. Hitzelberger, gen. mgr.; has 26 rides, six concession games, pool, rink, penny arcade; books pay and free attractions.
El Paso-Washington Park, owned by city; Hugo Meyer, mgr.; has 10 rides, six concession games, pool, rink.
Galveston-Beach Amusement Park, James B, Crabb, mgr.; has seven rides, five concession games, penny arcade, coin machines.
Houston-Playland Park, Louis Slueky, mgr.; has 12 rides, 40 concession games, pen y arcade, coin games, pen y arcade, coin machines; books attractions
Lubbock-Witt's Playground Park, Bates W tt, mgr.; has nine rides, six concession games, pen y arcade, coin machines; books attractions

San Antonio-Riverside Park, A. Obadal, mgr.; has 15 rides, concession games, pool. San Antonio-Playland Park, J. E. Johnson, owner; John H. Delaporte, mgr.; has 15 rides, 16 concession games, penny arcade, coin machines, Utah

Farmington-Lagoon Resort, Utah Am. Corp., owners; Peter Freed, mgr.; has five rides, concession games, pool, penny arcade; books orchestras occasionally.
Salt Lake City-Saltair Beach, Thomas M. Wheeler, mgr.; has five rides, six conces-sion games, lake, penny arcade; books or-chestras.

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Virginia Beach-Seaside Park, Jack L. Green-spoon, mgr.; has 10 rides, 15 concession games, penny arcade, coin machines; books orchestras and attractions. Virginia Beach-Casino Park, Frank D. Shean, mgr.; has six rides, 20 concession games, pool, penny arcade, coin machines; books orchestras and attractions.

Washington

Washington
Blaine—Birch Bay Amusement Park, Melvin T. Cook, owner-mgr.; has six rides, 14 con-cession games, rink, penny arcade, coin machines.
Redondo—Redondo Beach Park, W. J. Betts, owner-mgr.; has two rides, 10 concession games, rink, penny arcade, coin machines, Seatle—Playland Park, Carl E. Phare, owner-mgr.; has 15 rides, 10 concession games, rink, penny arcade, coin machines.
Spokane—Natatorium Park, Louis and Lloyd vogel, owners-mgrs.; has 10 rides, seven concession games, pool, penny arcade; books orchestras.
Washima—White City Amusement Park, Härry B. Chipman, mgr.; has six rides, 15 concession games, pool; books orchestras and at-tractions.
West Virginia

West Virginia

- West Virginia Chester-Rock Springs Park, R. L. Hand, mgr.; has seven rides, four concession games, pool, rink, penny arcade, coin ma-chines; books orchestras and free acts. Huntington-Camden Park, J. J. Malloy and William Mudd Jr., mgrs.; has nine rides, seven concession games, pool, rink, penny arcade; books orchestras occasionally and attractions. Martinsburg-Hillside Lake Park, H. M. Fritts, owner; W. L. Boyd, mgr.; has two rides, two concession games, pool, rink, coin ma-chines; books orchestras and attractions. Wisconsin Appleton-Waverly Beach, Howard Campbell,

- chines; books orchestras and attractions.
 Wisconsin
 Appleton-Waverly Beach, Howard Campbell, owner-mgr.; has one ride, five concession games, beach, rink, penny arcade, coin ma-chines; books orchestras.
 Chippewa Falls-Wissota Beach, Wissota Beach Co., owners; E. C. Cote, mgr.; has one ride, two concession games; books or-chestras, pay and free attractions.
 Green Bay-Bay Beach Park, owned by city; Sylvester Esler, mgr.; has four rides, rink, penny arcade, coin machines; books orches-tras, pay and free attractions.
 Highcliff-Highcliff Park, Highcliff Park Am. Co., nc., owners; Lothar Kemp, mgr.; has rides, sthree concession games, penny arcade, coin machines; books pay and free attractions.
 Milwaukee-Muskego Beach, Rose and Am-mon, owners; E. A. Wirth, mgr.; has is rides, seven concession games, rink, penny arcade; books orchestras.
 Milwaukee-State Fair Park, State Fair Park, Inc., owners; C. S. Rose, mgr.; has is rides, 12 concession games, penny arcade; books orchestras; free acts occasionally.
 Milwaukee, Muskesh Beach, Pewaukee, Wis, Theo, M. Toil, owner-mgr.; has nine rides, eight concession games, penny arcade, coin machines.

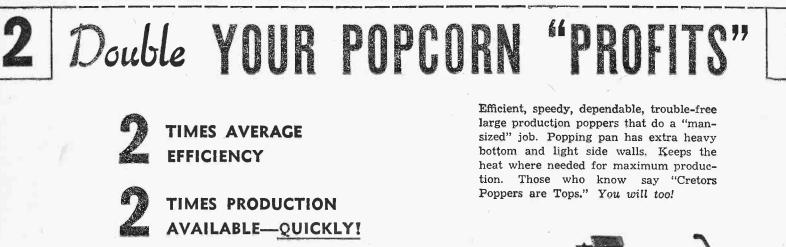
Canada

Crystal Beach, Ont.-Crystal Beach Park, F. L. Hall, gen. mgr.; has 20 rides, 30 concession

- sames, rink, penny arcade, coin machines; books orchestras, free attractions.
 Hamilton, Ont.-La Salle Park, owned by city; has eight rides, 15 concession games; books orchestras; attractions occasionally.
 Montreal, Que.-Belmont Park, Rex D. Billings, mgr.; has 26 rides, 18 concession games; books free attractions.
 Port Dalhousie, Ont.-Lakeside Park, Can. Natl. Railways, owners; S. H. Brootson, mgr.; has eight rides, 10 concession games; books free attractions.
 Port Stanley, Ont.-Port Stanley Park, owned by city; Albert A. Marek, mgr.; has four rides, 10 concession games, penny arcade, coin machines; books orchestras and attractions.
 Pornoto, Ont.-Sunnyside Beach, owned by Harbour Commission; F. R. Scandrett, gen mgr.; has 10 rides; 27 concession games, penny arcade, coin machines; books attractions.
 Vantower, B. C.-Happyland, Hastings Park, Marion Ross, mgr.; has nine rides, 16 concession games, penny arcade, coin machines; books free attractions.
 Wantom Ross, Mgr.; has nine rides, 16 concession games, penny arcade, coin machines; books free attractions.
 Marion Ross, mgr.; has nine rides, 16 concession games, penny arcade, coin machines; books free attractions.
 Marion Ross, mgr.; has six rides, 10 concession games, penny arcade, coin machines; books free attractions.
 Minipeg Beach Ama.-Winnipeg Beach, Winnipeg Beach Amasements, Ltd., owners; A. B. Flett, mgr.; has six rides, 10 concession games, penny arcade, coin machines; books Canadian bands.

1947 FAIR DATES



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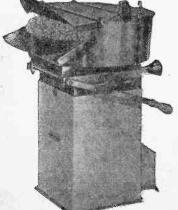
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X



Outdoor Equipment Review



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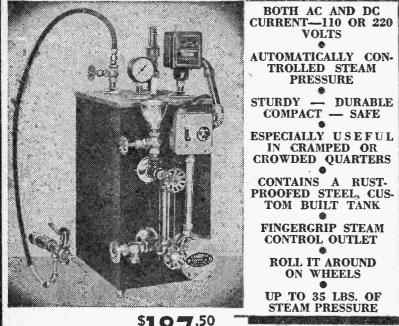


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Supplementary List

(The following are not completely equipped amusement parks, but have pools, coin-operated machines, rinks and book orchestras and acts.)

Arkansas

Hot Springs—Fountain Lake Park, C. E. Welsh-man, owner; has one concession game, pool, penny arcade; books orchestras occasionally. Little Rock—Willow Springs Park, J. A. Ja-cobs, owner; has two concession games, pool, rink, penny arcade, coin machines.

California

rink, penny arcade, coin machines. **California**Guernewood Park-Guernewood Village, Jack
W. Wright, mgr.; has two rides, eight concession games, rink.
Napa-Vichy Springs Amusement Park, Retzlaff & Harris, owners-mgr.; has two rides, pool, coin machines; books orchestras and pay attractions. **Colorade**Estes Park-Riverside Amusement Park, G. H. Gillan, mgr.; has four concession games, pool, coin machines; books orchestras and attractions. **Connecticut**Killingly-Wildwood Park, P. J. Sheridan, owner-mgr.; has bach, coin machines.
Rockville-Sandy Beach Park, George D. Bokis, owner-mgr.; has trink, penny arcade, coin machines; books orchestras and attractions. **Pensacola-Pensacola Beach**, S. Moses, mgr.; has concession games, lake, rink, penny arcade, coin machines.
Pensacola-Pensacola Beach, S. Moses, mgr.; has two concession games, lake, rink, penny arcade, coin machines. **Macon-Ragan's Park, W. C. Ragan, mgr.;** has lake, coin machines.
Macon-Lakeside Park, Irving Scott, mgr.; has pool, rink; books orchestras, Bevannah-Barbee's Pavilion and Park, Isle of machines; books orchestras and attractions. **Macon-Lakeside** Park, Jrving Scott, mgr.; has lake, penny arcade, coin machines; books orchestras, Bevannah-Barbee's Pavilion and Park, Isle of machines; books orchestras, pay and free attractions.

Macon--Ragan's Park, W. C. Ragan, mgr.; has two concession games, lake, rink, penny arcade, coin machines. Macon--Lakeside Park, Irving Scott, mgr.; has lake, coin machines; books orchestras. Savannah--Barbee's Pavilion and Park, Isle of Hope, Will M. Barbee, owner-mgr.; has pool, rink; books orchestras.

Indiana

Evansville-Mesker Park, Metrey Yabroudy, mgr.; has six rides. Hamilton-Circle Park, D. B. Waterhouse, mgr.; has four concession games, pool, rink, penny arcade, coin machines; books orchestras and attractions occasionally. La Fayette-Columbian Park, owned by city; Curtis Counterman, mgr.; has three rides, pool; books attractions.

Iowa

Port. Dodge—Exposition Park, Armstrong Realty Co., owners; Jay Longstaff, mgr.; has pool, rink; books orchestras. Ruthven—Electric Park, J. K. Maple, owner-mgr.; has Jake, rink; books orchestras, pay attractions.

Kansas

Wichita-Sandy Beach, Norris B. Stauffer, owner-mgr.; has four concession games, rink, penny arcade.

Kentucky

Ross (P. O., Melbourne)-Martz Playground, Jameš B. Dwyer, mgr.; has three rides, four concession games, pool, penny arcade, coin machines.

Massachusetts

Palmer-Forest Lake Park, Linn A. Conger, mgr.; has one ride, beach, rink.

Michigan

Fairmont-Hand's Park, E. R. Hand, owner-mgr.; has beach, coin machines; books or-chestras and attractions. Lynd-Lyndwood Park, Dave Lamphere, owner-mgr.; has two rides, seven concession games, rink; books attractions on special occasions. Sherburn-Fox Lake Park, Kenneth A. Nelson, owner; has rink; books orchestras.

Missouri

Excelsior Springs-Lake Maurer Amusement Park, J. F. and J. H. Maurer, owner-mgrs.; has two rides, pool, rink, penny arcade; books free attractions. ..Fenton-Spring Lake Park, A. J. Koller, owner-mgr.; has two concession games, pool, penny arcade, coin machines.

Montana

Miles City-Leon Park Amusements, D. P. Leon, mgr.; has concession games, coin machines; books orchestras, pay attractions. Nebraska

Crete-Tuxedo Park, F. J. Kobes, mgr.; has lake; books orchestras, attractions. Omaha-Peony Park, Joe Malec, mgr. New Hampshire

Newbury-Birch Grove Park, Lake Sunapee, Charles E. Reardon, mgr.; has bathing beach, rink, arcade, dance hall.

Spofford-Ware's Grove Park, Francis Cheever, owner-mgr.; has three rides, one concession gaine, beach, rink, coin machines.

New Jersey

Atlantic City-Central Pier, Louis St. John, mgr.; has penny arcade, coin machines; books pay attractions. Burlington-Sylvan Lake Park. Ed Ruth, owner-mgr.; has four concession ganes, pool, rink; books orchestras; pay and free attractions occasionally.

Alliance-Lake Park, R. D. Williams, mgr.; has two rides, four concession games, rirk, Arcadia-Midway Park, Henry Mareches, own-er-mgr.; has four concession games, pool, rink; books free attractions. Canal Winchester-Edgewater Park, Chas E. Gerling, owner-mgr.; has five concession games, coin machines. Cleveland-Cleveland Zoological Park, owned by city; Fletcher A. Reynolds, dir.; has one ride; books orchestras and pay attractions occasionally.

rice; books orchestras and pay attractions occasionally. Coshocton-Coshocton Lake Park, James E. Rice, mgr.; has pool, penny arcade; books orchestras.

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ELECTRIC CANDY FLOSS MACHINE CO. 202 Twelfth Avenue, South Nashville 4, Tenn.

March 29, 1947

Michigan Benton Harbor-House of David Park, Chic Bell, mgr.; has two rides, five concession games, pehny arcade; books orchestras and vaude acts. Beulah-Crystal Park, C. W. Patterson, mgr.; has three rides, penny arcade. Detroit-Sugar Island Park, Mrs. Zimmie Moore Hairston, pres.; has two rides, 30 concessions, penny arcade; books attractions. Detroit-Tashmoo Park at St. Clair Flats, Arlington R. Fleming, mgr.; has two rides, four concession games; books orchestras. Grand Haven-Hyland Gardens, R. W. Haynes, owner; Don W. Haynes, mgr.; has two con-cession games, beach, rink, arcade, coin machines; books attractions occasionally.

Minnesota

G NESSIONAIRES



THE NEW RED, WHITE AND BLUE SNO-KONE CUP

IT HAD TO BE DONE BY SOMEONE AND GOLD MEDAL IS THE ONLY ONE BIG ENOUGH TO DO IT. THIS CUP TAKES THE SNOW BALL OUT OF THE ORDINARY CLASS AND PUTS IT IN A CLASS ALL BY ITSELF. THE EXTRA COST TO YOU IS VERY LITTLE, JUST THE COST OF THE PRINT-ING.

GOLD MEDAL HAS ALWAYS GIVEN YOU TOP QUALITY, LOW PRICES AND FAST-EST SERVICE, AND NOW WE OFFER THE NEW SNO-KONE CUP TO GIVE YOU EVEN BIGGER PROFITS. BE SURE YOU LINE UP WITH THE LEADER THIS YEAR FOR THIS IS OUR OWN EXCLUSIVE, COPYRIGHTED CUP.

OUR NEW CATALOGUE IS READY NOW, A POSTAL CARD WILL BRING IT TO YOU.

GOLD MEDAL PRODUCTS CO. 318 E. THIRD ST. CINCINNATI 2, OHIO



Lakevillo-Lakeview Park, H. J. Thoma (Mansfield, O.), mgr.; has one concession game, pool, penny arcade, coin machines; books orchestras, attractions occasionally. Mentor-on-the-Lake-Mentor Beach Park; has two rides, 10 concession games, rink, penny arcade; books orchestras.

New Philadelphia-Tuscora Park, owned by city; Harold E. Meese, mgr.; has three rides, two concession games, pool, rink, penny arcade; books pay and free attrac-tions.

Urbana-Lakewood Beach Park, D. L. and R. D. Conrad and R. W. Wingard, owners-mgrs.; has three rides, five concession games, pool, coin machines; books orches-tras.

Oklahoma

Enid-Hellums Park, Ada Mae Brown, mgr.; has two slide boats, concession games, pool,

rink rink. awton—Doe Doe Park, William Hutchins, mgr.; has pool, rink; books free attractions.

Pennsylvania

Bloomsburg-Columbia Park, Thomas Shaffer, mgr.; has pool, rink, penny arcade. Cannonsburg-Willow Beach Park, Dominick Falconi, owner; Patsy Verona, mgr.; has four concession games, pool, rink; books or-chestras and attractions. Chambersburg-Lincoln Park on Route 30, R. K. Spidell, owner-mgr.; has two rides, 10 concession games.

R. K. Spldell, owner-mgr.; has two rides, 10 concession games.
Coatesville-Brandwine Park, Russell P. Pyott. mgr.; has one ride, 19 concession games; books orchestras, pay and free attractions.
Ellwood City-Rocky Point Park, Ray Daellen-bach, bus, mgr.; Nauncy Nastas, mgr.; has three concession games, beach; books or-chestras, pay and free attractions.
Feasterville-Somerton Springs Park, Robert M. Flatt, owner; Vernon D. Platt, mgr.; has pool, rink, penny arcade, coin machines; books orchestras and attractions occasion-ally.

ally. Hanover-Willow Beach Park, D. M. Witmer. mgr.; has one concession game, pool, rink; books attractions. Hegins-Dell Lake Park, Hertman C. Otto, owner; has two rides, five concession games, pool; books orchestras and attractions. Lancaster-Maple Grove Park, Mrs. Ralph W. Coho, owner-mgr.; has pool, rink; books orchestras.

Union

W. Coho, owner-mgr.; has pool, rink; books orchestras. IcKeesport-Rainbow Gardens, L. R. Travis, mgr.; has five concession games, pool, rink, penny arcade. Jnion City-Marcresan Beach Park, C. Max Lee, owner-mgr.; has one ride, three con-cession games, pool, rink, penny arcade, coin machines. Ferkes-Grand View Park, Grand View Park Co., owners; Jack Fitzcharles, mgr.; has one ride, three concession games, pool, penny arcade; books pay and free attrac-tions. Y

Rhode Island

Oakland Beach—Oakland Beach Midway, Jos-eph L. Carrola, mgr.; has one ride, several concession games, rink, penny arcade, coin machines.

South Carolina

Charleston—Riverside Beach Park for Negroes. E. A. Hamilton, mgr.; has one ride, conces-sions, coin machines; books orchestras, acts. Tennessee

Columbia-Mid-State Fair Park, George L. Buchnau, mgr.; has 10 concession games, rink; books orchestras and attractions. Memphis-East End Park, Harrison Scheuner,

owner-mgr.; has pool, rink. Memphis—Rainbow Lake Amusement Co., Joe Pieraccini, mgr.; has pool, rink.

Texas

LEAS Disco-Lake Cisco Amusement Co., Bill Berry. mgr.; has pool, rink; books orchestras and attractions. ort Worth-Casino Park, George T. Smith, mgr.; has coin machines; books orchestras, floor shows. ort Worth-Forest Park, owned by city; Harry Adams, supt.; has five rides, pool, concessions, zoo.

F

Utah

Salt Lake City-Black Rock Beach, James Latses, mgr.; has four concession games, lake, coin machines; books attractions oc-casionally. Salt Lake City-Sunset Beach, Ira Dern, owner; Phil Dern, mgr.; has five concession games, coin machines; books orchestras and attractions.

Virginia

Danville--Crystal Lake Park, W. R. Hurwood, owner; has two rides, five concession games, pool, penny arcade, coin machines; books orchestras.

West Virginia

Maidsville—Riverside Park, S. C. Reynelds, owner-mgr.; has one ride, pool, coin mac chines; books free attractions. New Cumberland—Mineral Springs Park, D. C. Pease, owner-mgr.; has pool, rink, peany arcade, coin machines; books attractions.

Wisconsin

Wisconsin Beloit-Waverly Beach, W. H. Munger, owner-mgr.; has six concession games, rink; books orchestras, pay and free attractions. Chippewa Falls-Lake Hallie Park on Route 4, B. F. Stetzer, mgr.; has rink, coin machines; books orchestras, pay and free attractions. Hortonville-Dyne's Resort, E. A. Buchman, owner-mgr.; has pool, rink, coin machines; books attractions. Racine-Beachland Park, Reg. Freeman, own-er-mgr.; has three concession games, riak, penny arcade, coin machines; books orches-tras.

ras. consin Rapids—Moccasin Creek Park, L, 2. Daniels, ówner; books orchestras and Wi P. Daniels, attractions.

NEW RIDES A REALITY

(Continued from page 11)

of all steel construction, carrying 12 adult passengers per coach, all facing forward. Every wheel thruout the train is equipped with vacuum brakes. The center of gravity, offi-cials of the Addison Company say, has been kept very low for extra safety.

Regarding changes and improve-ments in rides previously marketed by the Addison concern, L. G. Heiden, sales promotion manager of the Miniature Train & Railroad Com-pany, says:

Kiddie Train Flashed

"Our smaller kiddie train has undergone no changes in basic principles, but many chrome and polished aluminum accessories have been added for more 'flash.' The fluid drive unit, which has been so successful, has been perfected to an even higher degree. We have just gone thru a very successful tooling up program which will enable us to manufacture even more efficiently this year."

Regarding delivery, Heiden says his concern's entire production for 1947 is sold out. "It is our inten-tion," he said, "to have our rides in tion," he said, "to have our rides in the hands of the operators not later than July 1, barring any failurés of suppliers of materials. While mate-rials have been difficult to obtain, we have so far been able to get practically everything necessary for our entire production."

And so the 1947 picture on rides is much better than a year ago, when manufacturers couldn't begin to fill the orders, didn't have anything new to offer customers (as if that made a difference a year ago) and could only promise they'd do their best to have some new rides in 1947.

Now in 1947 the manufacturers have come out with new rides, made changes and improvements in the old ones and have bigger and better plans for 1948.

Popcorn Machines and Supplies

15 years in the South

SUPER & SILVER STAR MACHINES—Floor and Counter Models

"JUMBO POPPER"-The Tops for Carnival. Pops 50 Pounds Corn Per Hour, Electric or Gas.

Complete Line Coleman Equipment, Tanks and Burners. Showmen's Discount.

Aluminum Kettles, 8 and 12 Quart. Reconditioned Popcorn Machines and Kettles. Popcorn, Bags, Cones, Salt, Seasoning.

ATLANTA POPCORN SUPPLY Atlanta, Ga.

145 Walton Street

BLEVINS IS NATIONAL HEADQUARTERS FOR WORLD FAMOUS POPCORN AND CONCESSION EQUIPMENT



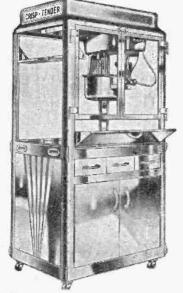
WE ALSO STOCK OTHER FAMOUS **ITEMS FOR PROMPT SHIPMENT!**

- Giant Cast Aluminum French Waffle Irons. Round, Hexagon, Rose Designs. Free Recipe. Each: \$2.50
- Giant 12-Quart Geared Kettle. 3/16" Bottom. Will Outwear Three Ordinary Kettles. Each: \$37.50
- Automatic Fryers.
- Combination Bun Warmers and Frankfurter Steamers.
- Light Lunch and Sandwich Units.
- Steamless Food Servers.
- Combination Broilers and Grills.
- Toasters and Lunch Grills.

Catalog on Request

SAVE 10% on

- BEE HIVE Hybrid.
- Popcorn Seasoning.
- Boxes, Bags.
- Savorol.
 - by Signing a Special Season's Contract With Blevins, See Our Complete List of Popcorn and Concession Supplies in "Spring Special" Issue. Write for Contract Today.



sta New Postwar STAR Pop-machine for Every Purpose, R STAR and SILVER STAR er and Counter Models in Stock "mandiate Delivery, Priced SUPER ediate Delivery.



Coleman Handy Gas Plants. For Cooking, Heating in Cook Houses, Restaurants. Supplied in 5- and 7-inch Burners. Every Other Coleman Item in Stock. 20% Discount on \$25 Orders.

Note: Send All Equipment Orders to Nashville



Echols Ice Balt Machine. Fast. Lightweight, Cast Aluminum, Bearings Do Not Come in Contact with Ice. With or Without Motor and Stand. From \$34.50.

King Concession[®] Trailers. Popcorn and Peanut Concessions Pay Off Anywhere People Congre-gate. Co Where the Crowds Are—In a King Trailer. Now Stocked in Nashville. Write for Complete Specifications. From \$1,450.

ANUTS PARMELCORN ADDIE

The Latest in Popcorn Equipment! "Ideal" Portable Popcorn Machine. Burns Casoline, Works

Large Storage Compartment, Removable Bottom.

Special Introductory Price: \$135 (complete).

Anywhere! Metal Tank, Powerful 7"

Super Wizard Candy Floss Machine.

plete with Double Spinnerhead: \$295

ent Leader, Embodying All Major Improvements of Half a Century. 3,300 Revolutions per Minute

-1.000 More Revolutions Than Ordinary Models ---With No Vibration. 5 Cones a Minute! Com-

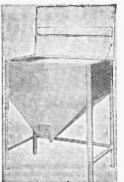


Start the Season Right With Shiny New Equipment From Blevins, the Company That Supplies Your Every Popcorn and Concession Need

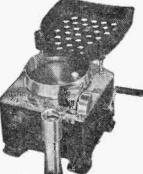
Burner,

A consist-

Jumbo Giant Popping Unit. Built for Either Gas or, Electric Heat. 50 lbs. of Raw Corn per Hour (on gas). Also Available with Stand, Sitter and Receiving Tray. Popping Unit Only: \$248.



All Steel, All Welded Corn Crib. Locks at Top and Bottom. Clean, Safe, Convenient Storage, Dis-penses Oldest Corn First. Pro-tects Moisture Content. Holds 500 lbs. Price: \$65.



Ace "Feather-Life" Coin Counter. Better Five Ways: Faster Oper-ation, Stronger, Greater Accur-acy, Lighter Weight, Smaller Cost. On e - Y e a r Guarantee. Price: \$139.50.

Blevins Also Maintains a Complete Stock of Replacement Parts and a Repair Department Geared To Render Prompt Service on Any Make or Model, Liberal Trade-In Allowances, Write for Complete Cataloa, Our Prices Are the Best. Please Send 10% Deposit With All Orders.



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MEMPHIS 671 S. Main St.

PHILADELPHIA 81 Fairmount Ave.

NEW ORLEANS 1053 Constance



COCONUT OIL

FRESH-from the refinery of the nation's seasoning specialists—THE colored Coconut Oil popcorn seasoning ---- SEAZO. DRESS UP your popcorn and PUSH UP those profits --- with SEAZO.

Warehouse stocks available at—Boston, Providence, Pittsburgh, Cincinnati, Cleveland, Indianapolis, Detroit, Chicago, Des Moines, Kansas City, Omaha, Denver, Portland, Seattle, Dallas, Los Angeles.



3450 N. Belgrade St.

SEASONING SPECIALISTS TO THE NATION

Philadelphia 34, Pa.



LOmbard 3-9020-9021

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March 29, 1947

CONCESSIONAIRES?

Are you

with it,

....you are with CHUNK-E-N

The Popcorn with the BIG POP and **BIGGER PROFIT**!

WITH IT?... Put this sensational expand-, But big, in terrific volume, each kernel to ing Chunk-E-Nut Popcorn in your poppers once and you'll never be without it! that really puts money in the till!

Chunk-E-Nut Popcorn has a pedigree from Purdue University! It's a mammoth hi-expansion hybrid grown from Purdue's finest hybrid seed! Chunk-E-Nut Popcorn doesn't pop-it explodes!

an amazing size! Man, here is popcorn

Try one 100 pound bag, You can't lose! The pop's guaranteed-you're satisfied or you get your money back! Order Chunk-E-Nut Popcorn today, special contract price thru June '47.

WRITE FOR SPECIAL CONTRACT PRICE LIST AND PLACE YOUR POPCORN ORDERS TODAY!

COAST-TO-COAST SERVICE!

Order Everything from Chunk-E-Nut! SUPPLIES 5 Different Size Boxes, Bags, Cones, Salt, Snow Cones, Flavor Concentrates, Cups, Spoons, Napkins, Floss Papers, Colors. Applesticks available in unlimited quantities.

PEANUTS Finest quality Virginia Roasted in shell, also gay brightly colored circus peanut bags without price mark. Complete line Salted Peanuts and Mixes for vendors.

Equipment for Immediate Delivery

Complete line of new Star Popcorn Machines. in both the Cabinet and Counter Models . . . Floss Machines, Ice Shavers, Coleman Burner Equipment, Special 36 quart carnival model Popper now being built . . . Popcorn and Peanut Machines, New and Used, bought and sold.

COMPANY CHUNK-E-NUT PRODUCTS

MATTY MILLER 231 N. Second St., Philadelphia 6, Pa

SERVING YOU FROM COAST TO COAST HANK THEODOR 2903-14 Smallman St., Pittsburgh 1, Pa

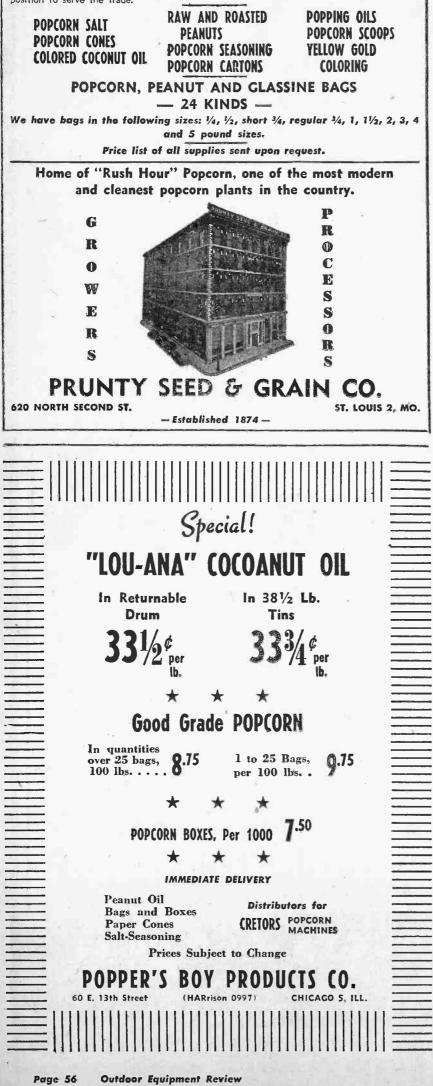
JOE MOSS 1261-65 E. Sixth St., Los Angeles 21, Cal.

March 29, 1947

"RUSH HOUR" POPCORN

There is an interesting little story as to how "Rush Hour" Mammoth Yellow Popcorn received its name. During the war when popcorn was scarce and being alloted by us to the trade we were able to supply only part of the requirements to our customers, consequently they were compelled to purchase the balance of their needs wherever possible. We were told how our popcorn was saved for those "rush periods" because it was dependable. You, too, will find that it will not fail you during those "Rush Hour" periods.

St. Louis' pioneer seed firm, with many years' experience in the technical knowledge of handling popcorn and possessing a total of over 100,000 square feet of warehouse space, equipped with modern facilities for curing, cleaning and storing popcorn, is in an ideal position to serve the trade.



Palestic, New Material, Used For Many Concession Novelties

now being put to commercial use and it's something outdoor show business, especially concessionaires, will welcome with open arms.

What is this new material? How can it be used in outdoor show busi-ness? Is it something within the reach of Mr. Average Man? What does it consist of? How does it differ from ordinary plaster of paris? These are questions you, as a concessionaire, for instance are average to know for instance, are anxious to know. To get these answers, *The Billboard* went directly to Joe Borowitz and Louie Hochstadter, owners of the Palestic Corporation at 316 North Laflin Street, Chicago.

Without batting an eye, Borowitz went right into the explanation of Palestic, the name incidentally, being a trade name and registered with the U.S. Patent Office.

Palestic is the new type of cold pour plastic that has attained con-siderable commercial interest since its introduction a few months ago. It is being used in the production of articles such as figurines, mirror and picture frames, lamp bases, plaques, wall brackets, book ends, desk pen bases, packages for toiletries and perfumes, buttons, ornaments and a variety of advertising and display items.

Tough Material

Product is a hard, tough and strong material that is resistant to chipping and breakage, has high tensile (1,100 psi) and compressive (12,000 psi) strengths, and low water ab-sorption. It can be produced in a wide verifier of colors and can be wide variety of colors and can be given a variety of finishes.

given a variety of finishes. Palestic is cast in the same manner as plaster of paris. The same methods, molds and skills are employed as with plaster. No pressure or heat is required for the production of items with Palestic. It is made by adding plaster to a water solution of resin-forming chemicals. The chemi-cals form a hard, insoluble, strong and stable plastic at the same time that the plaster is setting. It may be considered as a gypsum filled plastic but it is unique in being a plastic in which the filler takes part in the setting. setting

Three Types of Casts

Both solid and slush or hollow casts may be made. Any type of low cost gypsum plaster may be used. Molds may be rubber, glue, gelatine, wax, agar, plaster or other materials. For commercial production, vynil resin molds such as Koroseal and Nuplamold are favored. The chemicals are supplied in so-

The chemicals are supplied in solution form and these are mixed with the water to which the plaster is to be added. Water soluble colors that are set by the resin chemicals are added if color is desired. of B With the technicalities of Palestic fine."

A war-born industry, Palestic, is out of the way, Borowitz suggested a trip thru the plant to watch an ar-ticle in the making.

The Operation

The Operation First man you meet is George Deak, the firm's sculptor. From a drawing, Deak models the figure in clay and from that clay a plaster im-pression is made. Then the plaster impression is carved to bring out the finest details. From the finished carving, a flexible plastic mould is made by a vacuum process which brings out the most minute detail. Then the Palestic sirup is mixed with gypsum or plaster of paris and poured into the moulds. After setting, the article is taken out of the mould and inspected. Then it is baked in a inspected. Then it is baked in a kiln, following which it is sprayed or hand painted. Then it is given the eagle-eye for any imperfections and once passed is ready for delivery.

A trip thru the Palestic Corpora-tion's plant on Laflin Street will convince you that many things can be made from this new material. Borowitz pointed out various orders that were going to concessionaires in parks, carnivals, etc., and said they were getting more orders every day. Articles ranged from ash trays to lamps. It is possible, he said, to make ornamental articles out of this com-position by mass production. At present, the Palestic Corporation is making 163 different items.

Deliverics on Schedule

While Borowitz and his helpers are plenty busy, in that they haven't much time to sit around and gab, it dosen't mean that if you place an or-der you will have to wait months or even weeks for delivery. "We can make shipments within 48 hours," Borowitz said.

There is no material shortages now, he said. He admitted they had their troubles in some instances during the war but the situation is greatly improved.

Regarding prices, Borowitz said that all depended on what article you have in mind. He said, however, they haven't jumped the prices on anything. "In fact," he said, "we dis-continued making some items because it would mean raising prices. Rather than do that, we just quit making them."

Borowitz formerly was factory superintendent of the Bradley Manu-facturing Company and he was well tacturing Company and he was well versed in pottery making techniques. He teamed with Hockstadter, who was a salesman for a spray concern, and went into business. Then along came J. F. T. Berliner, who worked out this Palestic deal and who is now consultant for the corporation.

Thus the trio is putting every effort into this product, and, in the words of Borowitz, "We're coming along

Blevins Offers Technical Advice to Popcorn Dealers

NASHVILLE, March 22.—Blevins C. W. Wyman, a veteran in the pop-Popcorn Company, reputedly the corn industry, heads the new departlargest popcorn processing plant in the South, has instituted a new tech-nical service for owners and operators of all kinds of popcorn equipment.

J. V. Blevins, president of the com-pany, said that the service is ex-tended free of charge to owners and operators who may present their problems by mail for technical ad-

corn industry, heads the new depart-ment. Expert advice on all phases of the popping operation, including the re-lation of temperatures, the amount of seasoning, charge of raw corn per kettle, etc., to maximum popping volume is available. Blevins stated that the department was organized in answer to a long-felt need by concessionaires and on-

felt need by concessionaires and op-erators of commercial machines for such a service.

BEFORE KNOW YOUR DEALER" PURCHASING **SUPPLIES** POPCORN SUPPLIES AND EQUIPMENT 'SUPER-STAR'' and ''SILVER-STAR'' POPCORN MACHINES JUPER-JIAKGIIUJILVER-JIAKFUFLURITAvailable in Floorand Counter Models"SUPER-STAR" FLOOR MODEL.Size: Heightto top of cabinet, 73 1/2"; Length, 363/4": Width(or Depth), 27".Capacity, \$20.00 per hour... Approx. wattage, 2800... Approx.weight, 300 lbs.... Shippingweight approximate, 400 lbs.\$589.00"SUPER-STAR" COUNTER MODEL... \$519.00 WHOLESALE TYPE

-

FLOSS SUPPLIES

FLOSS PAPERS, 4x12.

1 lb. cans.

VANILLIN FLAVOR:

1 lb. package. Dry.

containers.

Any quantity.

THIS

KRAP

CRISP . TENDER

-

CABINET

CONSTRUCTION Beautiful stainless clad and monel . . No exposed s c r e w s or bolts . . Streamlined t h r u o u t . . . Un-usually st r o n g and rigid.

3 ILLUMINATED Makes a beautiful

display. REMOVABLE SHELF landy for filled boxes. THERMOSTAT CON-TROLLED KETTLE Robertshaw thermo-stat, adjustable.

DEEP POPPING KETLE Extra large, extra thick, chromium outer shell.

KETTLE ELEMENT New style, instantly replaceable.

replaceable. NEW CABINET DOORS Solid cast aluminum frames that fold com-pletely back against side of cabinet. New style hinges. Doors can be instantly lifted off.

be instantly lifted off. STAINLESS CLAD STEEL CORN PAN With new type re-movable corn screen. BIC STORAGE CAPACITY Lots of space for

Lots of space for popped corn.

2 WARMING ELEMENTS "High" or "Low"

heat CABINET DRAWERS 3 in "SUPER-STAR" Model, 2 in "SILVER-ST A R." Righthand drawer has lock and have

Pop"

CABINET LOWER STORACE Lots of space for sup-

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POPCORN: HYBRID "Super-

POPCORN SALT: 24/2s in

Case. POPPING OIL: Corn Oil,

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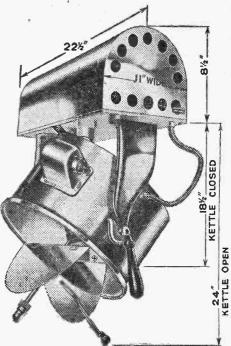
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'March 29, 1947

Outdoor Equipment Review

ST. LOUIS 2, MO.

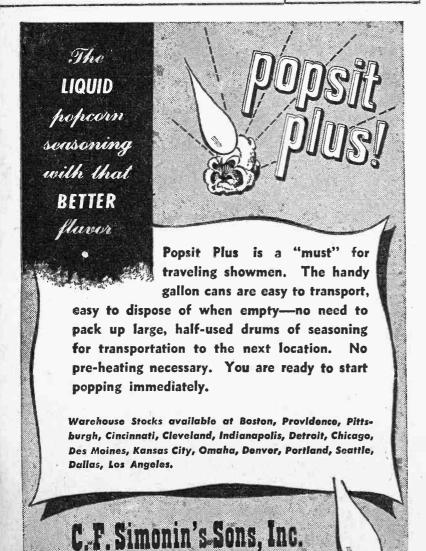
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DOES WORK OF \$500 MACHINE! DOPS A BATCH IN 3 MINUTES Simplicity is one thing you will like about the EXCEL. No trick to connect, Flip the switch and in 5 minutes pour in the corn and seasoning. Makes a batch of popcorn in 3 minutes—the guidkest of any popper on the market. Easy to clean. Requires to constant repairs. The brilliantly lighted case and visible corn popping thru the screen cover attracts the crowd.

popping that the screen cover attracts the clowd. FULLY CUARANTEED Among the 31 features—beautiful New Gray Metallic finished plate glass case, trimmed in glearning nickel and polished aluminum; electric lighted and beautifully decorated with multi-colored popcorn selling signs. Occupies small space, 17x17x26" high. Weight, 30 lbs. Easily moved. Uses less current, only 990 watts, yet heats in 5 to 7 minutes. Heating element guaranteed for a year—ahd many more features too numerous to mention here.

EXCEL MFG. CORP. Dept. B-447 Muncie, Indiana



FIREWORKS PEAK TO BE HIT WHEN BIZ STARTS TO FALTER

Continued from page 29)

years."

Expect More Carnival Biz

Round-up of opinion indicates that the trend to increased use of fire-works by carnivals will be continued. Cronkite, touching on the California situation, returns the only dissenting view. "Carnivals have not as a rule used fireworks to any extent in Cali-fornia. And I do not expect them to do so in the future," he concludes. Jack Duffield reports that carnivals are going stronger for fireworks, es-pecially on still dates. Rozzi and Presutti chime in with the same be-lief. Porcheddu, for the Illinois Fireworks Company, predicts carnivals will use more salutes and aerial bombs for ballyhoo. Except in California, the survey

shows an expectation of increased use of fireworks at celebrations. Rozzi cites the mounting number of home-coming celebrations, and points out that many of them will use fire-works. Jack Duffield labels fire-works as a stable item for celebra-tions. "The number of celebrations is a barometer of the fireworks business," he asserts.

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WEEKS!

Popcorn is low in price-easy to get-your market unlimited. Bil-lions of bags are sold yearly. Get your machine today and start now to cash in on this tremendous market.

SALESMEN

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PROPOSITION

Celebrations Growing

Antonetta Vandaro Pittelli, for the Alexander Vandaro Fireworks, says the peak has not been reached in the use of fireworks at celebrations. The fact that people are becoming more fireworks-minded is given by Presutti, of Ohio Fireworks Manufacturing Company, as the reason why he be-lieves there will be more fireworks displays at celebrations.

Presutti also maintains that V-J fireworks business will build for the next five years, then fall off. He points out that his organization had "quite a few displays" on that day in "46. Last year Thearle-Duffield had about 25 V-J shows, according to Jack Duffield. "We don't know how many we will have this year. This is a late-booking feature," he explained.

Cronkite, speaking for himself on V-J day business in California, says he had no shows on that day in '46. "Moreover," he added, "I had no in-quiries regarding any, but I am nego-tiating for some for V-E day. I have an idea that V-E day is better."

Trend Toward Set-Pieces

The general trend in fireworks shows is toward set pieces, most of

is that some of the fairs have fire-works as an attraction every year, "Such pieces enhance a show's pub-while others rotate their attractions, licity possibilities," Jack Duffield presenting fireworks in alternate maintains.

Presutti points out that those events buying fireworks want as many pieces as possible, and that this holds set pieces to small sizes.

Rozzi asserts that there won't be a radical change in fireworks "due to the lack of expert pyrotechnicians." The trend is not necessarily to-

ward depicting historical events, as the occasion has a main factor in dedaro Pitelli points out, adding, "The trend is towards artistic, intricate pieces of three to four transformations, and comical features."

Manpower Problems

All agree that the big problem is manpower. "More displays could be sold if there were enough men to handle them properly. Labor is not co-operative, and does not look to the years to come, but believes in the theory, get all you can get now, and to hell with the future. Some men who have been with me for years know I can't get along without them and take advantage of the situation. They do not seem to be able to see beyond the end of their noses," com-mented one fireworks eventive mented one fireworks executive.

"It takes considerable time to train a man in the art of making fireworks and then he may decide to go to an-other part of the country or to other work, causing us to lose valuable time in training another man. There are also quite a few people who have the false idea that the fireworks busiwill have nothing to do with it," commented another exec.

"The younger generation is not interested in learning the details of the trade," asserted another in ex-planation of the manpower shortage.

Training Program Helps

Thearle-Duffield last year con-ducted an on-the-job training pro-gram, and this enabled them to de-feat in part the man-shortage prob-lem. Some of the firers they used were medical students, off during the summer months, who took a stepped-up training at the company's factory.

Most manufacturers believe that the price of fireworks will reach their peak this year. Material costs con-tinue to mount and with them the price of the finished product. After this year, material costs are expected to level off.

Demand for Paint Far Above Supply; No Relief in Sight

the finding may prove a bit rough.

Pent-up demand, particularly for outdoor paint, far outstrips supply, and it's anyone's guess as to when supply will meet demand. Demand has never been greater. But the paint industry has been slowed up in its efforts to meet de-mands by material shortage, such as mands by material shortage, such as oils obtained from flax and syn-thetic resins derived from coal or coke, and lead.

Price of paint has gone up. Re-sponsible leaders in the field believe prices in most instances have hit their peak, but also that present prices will hold for the remainder of 1947.

Biggest barrier to turning out paint in sufficient quantities is the short-age of linseed oil, derived from flaxseed. Even in pre-war years the

Paint is where you'll find it, but great bulk of flaxseed was imported, most of it from Argentina.

"We can't get all the flaxseed we'd like from Arentina for various rea-sons. Our domestic crop, never sufsons. Our domestic crop, never suf-ficient, won't come in until August. And this leaves us with a shortage of oil—and high price for oil, as Argentina can and does sell in the world market, where it can obtain high prices for its flaxseed," one manufacturer declared. As for lead production in the U.S.

As for lead, production in the U. S. is not sufficient to meet the demand. Labor difficulties and inadequate fa-cilities in the mines have prevented lead mining from achieving sufficient production.

Similarly, the coal strikes slowed up coal mining. This in turn slowed down the production of phthalic anhydride, used in the manufacturing of synthetic resins.

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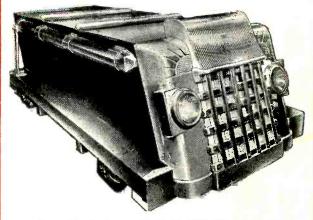
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