

# GSA Conference Exhibits Show Latest Turf Management Aids

The showing of the latest equipment and the recent developments of science and industry for turf management assures success of the annual meeting. The opportunity to meet and discuss problems and accomplishments with leading manufacturers and turf production men offer constructive educational values which cannot be overlooked by course superintendents or club officials whom they represent. **GOLFDOM** gives you a brief review of what the exhibitors have in store for those attending.

**CARBIDE AND CARBON CHEMICALS CORPORATION**—Will announce commercial production of "Crag" fungicide for treating dollar spot and other turf diseases in space number 48 attended by Mr. Carl Setterstrom. Previously known as "Experimental Fungicide No. 531," this material is a cadmium-copper-zinc-calcium-chromate specially prepared after three years of research and testing. Desirable advantages are—green color, harmless to turf, economical and easy to apply, contains no inert material, non-corrosive to equipment, and no watering is necessary after application.

**DOW CHEMICAL CO.**—Exhibit will display samples of all Dow Weed Killers and will be attended by Mr. Dan Sanford, Russell D. Ashworth and William F. Richards of Agri. sales and advertising departments.

**MILWAUKEE SEWERAGE COMMISSION**—V. H. Kadish, Sales Manager, and O. J. Noer, Agronomist, will be in attendance at booth No. 56 throughout the show to discuss fertilizer and maintenance problems with members of the G.S.A. and others.

Fertilizer programs for bent greens with Milorganite as the principal source of nitrogen have lessened dollar spot and simplified its prevention in the northern region where this disease is the principal one. Milarsenite treatment together with Milorganite feeding has controlled crab grass and produced dense turf quickly on Bermuda fairways. Milarsenite has eliminated chickweed on watered fairways in the north and has lessened poa annua. It stops earthworm casts and helps control grubs.

**O. M. SCOTT & SONS CO.**—Display will feature high quality grass seed, fertilizer and weed control products in space 51.

One feature of the display will be a fixture demonstrating the uniform distribution of a Scott spreader, ideal for seed, fertilizer and weed control on greens, tees and lawn areas. Treadmill and spreader will be available for all to manipulate.

**JARI PRODUCTS, INC.**—Mr. C. U. Applegate, dealer in Detroit area, will be on hand to exhibit the Jari Power Scythe and other company items.

**BUCKNER MANUFACTURING CO.**—A complete line of modern golf course irrigation including latest models of sprinklers, quick-coupling valves and other allied irrigation devices will be in the display in charge of Mr. Harry Cleason and Mr. C. E. Stewart.

**THE SABIN MACHINE CO.**—The Roto-blade Aerator will be shown by Mr. O. C. Sabin and Mr. L. E. Petzinger who believe they have the secret to turf aeration because of the fact the machine not only aerates but provides quick drainage and leaves green in perfect playing condition.

**McCLAIN BROTHERS CO.**—Chemicals and equipment will be shown by Mr. Waite McClain in Booth No. 22. Products displayed will include the Hydro-Mixer for treating and fertilizing greens; the Spiker and Perforator with unbreakable spikes; and Klenzip, a new McClain golf ball washing compound.

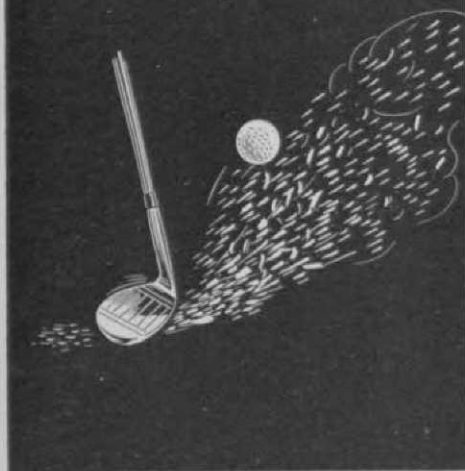
**TERMINAL SALES CORP.**—Will display such items as Milorganite, DuPont Turf Fungicides, Woodridge Mercurials, grass seed, weed killers and other chemicals in addition to the exclusive feature product, Greens Doctor.

**F. H. WOODRUFF & SONS**—Turfmaker line of lawn seed, a mixture of Kentucky Bluegrass, Colonial Bent and Creeping Fescue will be in the exhibit in charge of Paul Williams who will have educational material pertinent to use of straight grass seed in making seed mixtures.

**STUMPP & WALTER CO.**—John Melady and T. Mitchell Avery will feature samples of Seaside Bent, Triple A Bent, Colonial and Astoria Bent, Chewing's Fescue, Blue Grass and others which show higher purity and germination than company has been

*(Continued on page 78)*

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stay bright,  
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**A**T LAST you can enjoy all the advantages of stainless steel in a club-head that has the same "sweet," comfortable feel as your cherished old irons. Laboratory tests show the vibrations set up in a club-head made of ARMCO Stainless match those of the finest mild steel.

And these bright, rustless clubs really live up to their laboratory promise. Both pros and top-flight amateurs find the old-time feel gives them confidence in their shots.

Along with fine performance you get all the extra advantages of stainless steel—lasting beauty, resistance to corrosion, and easy cleaning. The new club-heads are solid, rustless metal all the way through—no plating to wear off and make the head unsightly. Write for the names of club-makers now producing these new and better stainless steel club-heads. The American Rolling Mill Company, 82 Curtis St., Middletown, Ohio.



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in colors

RED BLUE GREEN YELLOW WHITE  
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**PUTTERS**

for  
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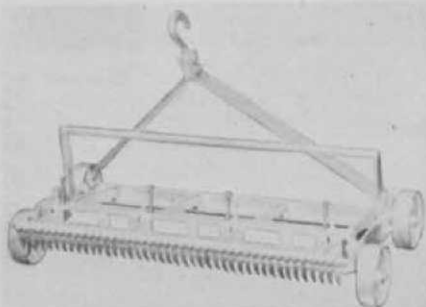
Write for Details

**A. W. MORGAN**

470 Palisade Ave., YONKERS 3, N. Y.

*(Continued from page 48)*

able to offer for some time. In addition, 2, 4-D Weed Killers, DDT insecticides, fungicides and other items will be shown.



**MILLER & HEUBACH**—Will have on display the power dicing rake used primarily for raking out dead grass in the spring where bent grass is used permitting air, top dressing and fertilizer to infiltrate into the root bed through  $\frac{1}{2}$  to  $1\frac{1}{2}$  inch grooves cut by rake.

**FRIEND MANUFACTURING CO.**—A new, all purpose,  $3\frac{1}{2}$  GPM pump with 50 gallon tank, a unit of interest to course maintenance men, will be shown by Mr. H. C. Dickerson and factory representatives. Information will be available on heavy equipment not exhibited.

**TORO MANUFACTURING CORP.**—Exhibit will include a number of recent improvements of interest to course superintendents. Display areas will be used to show the company's power mowing equipment featuring: The 1948 Toro Power Greens-mower with its power-driven transport wheels; the 76-inch Professional, an extremely maneuverable machine rapidly gaining popularity on golf courses; the 1948 Spartan gang mowers; and the new Rough-Master gang mower, for mowing roughs. Also on display will be the Sportsman 17-inch hand mower, the 21-inch Homelawn power mower, the 24-inch Star-

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lawn, the popular 30-inch Park Special, the Zipper 36-inch sickle bar mower, and the Leaf Master lawn sweeper. Toro representatives will be present and will be glad to discuss individual mowing problems, and the production and delivery situation.

**METALSALTS CORPORATION**—manufacturers of both organic and inorganic mercury salts for prevention and control of Brown Patch and Snow Mold on golf greens and fine lawns—are featuring BI-CAL Turf Fungicide, Calomel and Corrosive Sublimate at their Booth—space No. 35. Also featured is Phenyl Mercuric Acetate, the basic ingredient in the water soluble phenyl mercuric acetate formulation PMAS which shows much promise for the effective control of crabgrass on greens. Darsyn Laboratories, a subsidiary of Metalsalts will feature 8-Hydroxyquinoline Benzoic Acid (Oxyquinoline Benzoate) which shows promise by tests conducted at the Connecticut Agricultural Experiment Station, New Haven to be effective for the control of Dutch Elm Disease.

**CHAS. PFIZER & CO., INC.**—Pfizer Mercurial Mixture, Corrosive Sublimate USP and Calomel USP, will be displayed. Pfizer Mercurial Mixture, composed of  $\frac{2}{3}$  Calomel and  $\frac{1}{3}$  Corrosive Sublimate without added fertilizer or inert matter has for years been high on the preference list for effective and economical prevention and control of Brown Patch, and these Mercurials are also effectively used for control of Snow Mold.

**MODERN MANUFACTURING CO.**—Mr. F. J. Machovez, Gen. Mgr. and Supt. of the company will be on hand to present the Modern Lawn Mower Sharpener to those interested in the latest and most up-to-date mower sharpening equipment. The Modern Sharpener has been designed and constructed to last a lifetime; versatile enough to sharpen heavy 36" power mowers or the 5" edger; will precision-grind to one-thousandth of an inch; sharpens mowers

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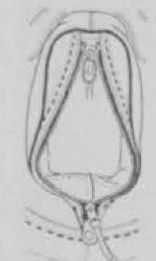
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right side up without dismantling to any desired reel blade bevel relief. It is constructed of 100 per cent steel, weight 275 lbs., height 42", occupies floor space 52" in width and 26" in depth and may be placed against the wall inasmuch as operator stands in front of machine at all times. All parts are standard and replaceable in user's own locality.

**SKINNER IRRIGATION CO.**—Exhibit will be in booth No. 36 in charge of Mr. A. R. J. Friedmann and golf course engineer, Mr. Harry Kauffman, who will feature the newest Skinner underground snap valve, in reality a double valve—permitting removal of the top valve for cleaning while the system is under pressure. When the top valve is removed the secondary valve automatically closes—a saving of labor, expense and the necessity for attendant going back to control valve and closing off complete system. In addition three other standard snap valves in a complete range of inlet and outlet sizes will be shown together with complete line of sprinklers including Rain Wave green sprinkler mounted on 14" galvanized roller base.

**JACOBSEN MFG. CO. and WORTHINGTON MOWER CO.**—The new Jacobsen Park 30 model will make its debut at Detroit. Visitors may see also the Lawn Queen and Lawn King models, which are enjoying wide popularity among golf course superintendents and also the famous Power Greensmower which is a "fixture" on golf courses all over the country. For the larger maintenance jobs, there will be the Worthington line including the "Rough Grass Blitzer" and Fairway Mower, from which the superintendent can select the combination of reel sizes and the number of blades best suited to his own local conditions. Representatives of the Jacobsen Manufacturing Company and their Worthington division will be on hand to answer questions and personally explain operation of the equipment on display.

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your shop Service Headquarters for Golfers by being prepared to install PARK "ALL WEATHER" GRIPS. Used by nearly all tournament winners and leading players everywhere. You can get them on all new clubs. Use coupon today.

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**L. R. NELSON MFG. CO. and RAIN BIRD SPRINKLER MFG. CORP.**—Joint exhibit will display full line of Silver Top quick coupling valves—really two valves in one, as an auxiliary valve closes automatically when the working parts of the valve are removed for inspection or repair, eliminating digging and tearing up turf necessary for removal of valve casing. Other items on exhibit will be valve casing and sod cup, swivel hose ell, wheel bases, roller bases, sled base, Silver Spray underground sprinkler heads, Pop-up sprinkler heads, and Rain Bird sprinkler heads, both full and part circle, ranging in capacity from 10 ft. to 2½ acres. Representatives will be R. B. Nelson and Burnell Brown. Rainbird will be represented by Mr. Crawford Reid.

**WEST POINT LAWN PRODUCTS**—The Fairway-Green Aerifier will be displayed in Booth 24. One unit equipped with one inch diameter spoons will be shown; also, an extra "reel" consisting of shaft plates, shaft, discs and ½" diameter spoons.

For the benefit of those who have not seen the Aerifier in operation, there will be a slide viewer and color slides of the Aerifier and work done by both large and small spoons.

The Noer Soil Profile Sampler and the West-Pole will also be exhibited.



**"I'M ALL OVER THE MAP AT ONCE!"... PRO-SPECIAL "PLUS" GOLF BALL**

*You'll smile when you play the Pro-Special "Plus!"* — *B. Horning*

FEEL! CLICK! DISTANCE! TRUE PUTTING! A REAL CHAMPION!

**PLAY THE BALL THAT'S FULL OF Energy!**

**RED GREEN** for championship and tournament play, for greater durability, —and distance too. PRO-GOLF TO ECONOMY BALL.

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Valuable around pro shop and for clubhouse repairs.

Smooth, steady power at your fingertips to grind, drill, polish, rout, engrave, cut, carve, sand, saw, etc.


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The efficient Handee works on metal, alloy, plastic, wood, horn, bone, glass, etc. 25,000 r.p.m. AC or DC. Easy to handle. Weighs only 12 ozs. **GET THE HANDEE KIT.** A handsome, all-steel case with Handee Tool and a complete assortment of 40 accessories, \$20.50. Complete, \$27.50. Handee only, with 7 accessories, \$20.50. Get it at stores everywhere. If they can't supply you we'll send it postpaid. Satisfaction Guaranteed! Free — New 52-page Manual.

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ONE-MAN PROPORTIONERS

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Stolons and Sod. Washington — CI — and  
other recommended strains.

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**OLD ORCHARD TURF NURSERIES**—Booth will feature small plots of different creeping bent strains growing in flower pots. Among them will be Arlington C-1, Co-hansey C-7, Toronto C-15, Congressional C-19, Collins -27, and Old Orchard C-52. The latter Old Orchard was developed by Ralph R. Bond in his nurseries and has consistently rated high throughout the years as one of the five top strains.

A prize of 5,000 sq. ft. (50 bu. of chopped stolons) of Old Orchard will be given away during the convention and shipped, prepaid to the winner's home golf course. A free ticket for the drawing will be given to each one calling at the booth. Bond and his wife, Marie, will be in attendance to answer any questions regarding turf.

**AMERICAN CHEMICAL PAINT CO.**—Will introduce two additional 2, 4-D concentrates, namely, WEEDONE CONCENTRATE 48 and WEEDAR 64 at exhibit which will be in charge of John C. Hendren assisted by James J. Farrell. WEEDONE CONCENTRATE 48 is miscible with water and some oils for either low volume or high volume application, and because of its ethyl ester formulation is particularly effective for the hard-to-kill weeds.

WEEDAR 64 is completely soluble in water and has the additional advantage of not clogging spray nozzles. It is also recommended for either low or high volume application and is particularly effective for such weeds as dandelion, plantain, etc. It is a low cost product which we feel will be particularly attractive to the green-keepers.

Weedone will remain as a featured product because of user preference.

Look at the SAVINGS you get with

## HENRY BALL WASHERS

... backed by years of thrifty performance

Saves players' clothes and tempers because it is slop-proof. Saves time because it is quicker, more thorough and easier to use. Saves cover paint of balls because it has no scouring bristle brushes. Saves frequent replacement costs because its cleaning units won't rot and warp . . . and its unbreakable steel jacket is rust proof.

Attractive — stays tidy — easy to drain  
and refill — Allen Set Screws make them  
theft proof

BALL WASHER	\$12.75
Tee Data Plate	\$ 1.25
Waste Paper Container	\$ 2.35
Complete Tee Ensemble	\$16.35

**HENRY TEE ENSEMBLE**  
includes Ball Washer, Tee  
Data Plate and Waste  
Paper Container.

Send score card when  
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**GOLF & GARDEN EQUIPMENT CO.**  
BLUE MOUND ROAD, ELM GROVE, WISCONSIN





**NUTRIA PEAT SALES CO.**—Mr. George Johnson and Franz Aust will be present to discuss and display their several types of horticultural sedge peat. Samples of Nutria Peat, which has proven its worth in construction and maintenance of courses from North Dakota to Texas and Colorado to Georgia as a high quality reliable turf humus will be available for greenkeepers to take along.

**PERFECTION SPRINKLER CO.**—Will show complete line of golf course sprinklers for greens, tees and fairways including a large fairway sprinkler which can be used for maximum coverage on minimum pressures and without extensive or expensive water system changes.

In addition the popular One-Man Proportioner, which is used for efficient and easy application of fertilizers and fungicides will be shown. A. S. Lyndon, Gen. Mgr., and Tom Lyndon will be in attendance.

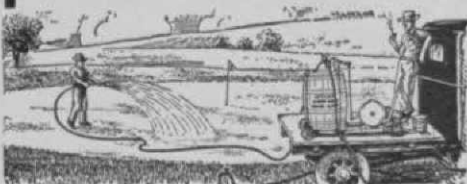
**CLYDE IRON WORKS, INC.**—Will show small tandem Clyde Model 20 roller which operates with 4.6 H.P. air cooled engine, has overall length of 76½ inches, turning radius of 11 ft. and compression of 61 lbs. per lineal inch with rear roller filled.

**IDEAL POWER LAWN MOWER CO.**—An improved model of the Ideal power greens-mower; the streamlined Caretaker mower with reverse mechanism which aids mobility; a new cutting unit, the "New Victors" with 24" or 28" cut and the recently developed tubular gang frame which can be built up into from 3 to 9 mower units of the Ideal Bulldog cutters equipped with an improved throwout clutch for easier operation will be on exhibit. "Denny" Satterfield, Mr. John W. Clark and Robert Zimmerman will be on hand to meet the greenkeepers.

## McCLAIN HYDRO-MIXER

Last word in getting Greens treated at race horse speed. Nothing like the Hydro-Mixer for handling this big job with least labor and expense. Hundreds of Hydro-Mixers now saving owners money everywhere. Dependability, accuracy of Hydro-Mixer unequalled. Hand or power operated. Write for literature.

McCLAIN BROTHERS COMPANY, Canton, Ohio



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KENTUCKY BLUE GRASS

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Made of the finest, kiln dried, second growth, tough White Ash. Tapered from approximately 1" at bottom to  $\frac{3}{4}$ " at top, and fitted with flanged aluminum ferrules to fit standard  $1\frac{1}{4}$ " cup. Sanded finish with prime coat of lead and oil and finished coat of finest white enamel. Available in 2 or 3 color combinations. Immediate delivery.

Your inquiries and orders will be referred to a nearby distributor.

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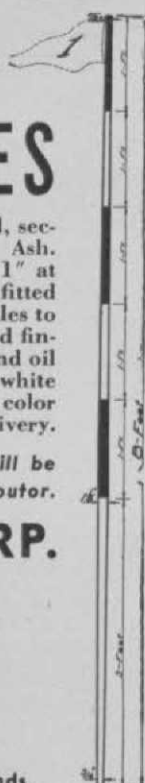
URBANA, ILLINOIS

Builders of

**KNOCKDOWN**

bleachers

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**EVANS GOLF TEE MARKER CO.**—Three color design tee marker ready for spring delivery will be exhibited for the first time. The tee is designed for beauty, better visibility and to avoid leaving dead grass spots on the grass.

**JOHN BEAN MFG. CO.**—Planning to show a trailer model golf sprayer equipment with a 12 nozzle weed boom and the new SPARTAN portable power sprayer. The SPARTAN, just announced, comes complete with 15 gallon corrosion resistant steel tank; electric or gasoline motor, jet agitator to mix and keep material in solution; pressure control valve with complete range from 10 to 200 lbs.; rugged John Bean twin-cylinder pump and other special features.

**ROSEMAN TRACTOR MOWER CO.**—The 1948 Roseman model roller drive gang mower, provided with a full length drive roller and widely used on the golf courses of the nation will feature the company exhibit. The full length drive roller which eliminates the spacing formerly present assures elimination of all wheel and clipping marks after fairway cutting. This is an especially desirable feature on watered and fertilized fairways. An improvement of the 1948 model of interest to all greenkeepers is the use of a large diameter, all steel roller which greatly reduces pull power required.

**FATE ROOT HEATH CO.**—Manufacturers of the Ideal and Peerless line of Mower Sharpeners, will be represented by Mr. Paul H. Root, Div. Mgr., and Mr. Thomas F. Root, Service Mgr. Featured will be the well-known Peerless Mower Sharpener, especially designed to precision sharpen larger grass-cutting units. The Company will also introduce two new Bench Grinders, the Model No. 50 and the Model No. 75, recently developed to handle the sharpening of straight blades. Both new machines use a high speed cup wheel and the Model No. 50 is especially useful in that it can be adapted to the sharpening of ice skates, jointer and planer knives, and general surface grinding.

Literature and information on the Ideal and Peerless line will be available in Space No. 47.

When it is

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*Specialists*, for years to many of America's largest and most exclusive courses, can best serve you, too.

Score Cards - Charge Checks  
Greens Maintenance Systems  
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What benefit do you derive from a \$30,000 or for that matter a \$300,000 golf lay-out if you have 30¢ greens?

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## Old Orchard Turf Nurseries

R. R. Bond, Prop.

P. O. BOX 350

MADISON 1, WISCONSIN



**O. E. LINCK CO., INC.**—Feature of exhibit will be TAT Soilicide and TAT C-Lect, water soluble mercurials for fungus and crabgrass control and TAT Mo-go (molegopher) thallium sulphate composition, odorless and tasteless control for moles and other rodents. Mr. William E. Zimmerman and distributor representatives will be on hand to discuss products.

**SWIFT & COMPANY**—Mr. W. E. Smith, D. D. Reichert, and W. H. Leathers will attend to explain to greenkeepers Swift's service to golf courses and supply any technical information they may require on the proper use of Vigoro, EndoWeed and other plant food products.

**NEW 2, 4-D FORMULATION**—The Dow Chemical Company has announced the development of a new, higher acid equivalent and faster dissolving 2-4 Dow Weed Killer (Sodium Salt of 2, 4-D). Developed during



New 2, 4-D Dow Weed Killer Powder, with increased acid content dissolved in water makes a clear pink sediment free solution as shown here by a Dow chemist.

the 1947 season, this new formulation contains 95% monohydrated sodium salt of dichlorophenoxyacetic acid which is equivalent to 80.5% acid as against the previously offered Dow formulation of 70% 2, 4-D acid equivalent. Solubility in water

## R. H. Tractor Wheel SPUDS

quickest to put on or take off. Increase tractor efficiency and cultivate turf that's why more than half the U.S. and Canadian clubs use them. Durable and low priced. Sample spud and circular on request; advise make of tractor and purpose for which intended. Immediate shipment. If your Ford or equipment dealer cannot supply, write direct to

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## START your Irrigation plans HERE . . .

• The sprinkler heads that actually throw the water on the grass should be your first consideration in planning fairway irrigation. Their specifications directly affect the pipe and plumbing equipment needed. Dependable RAIN BIRD Sprinkler Heads are available in a wide range of sizes and performance characteristics. By selecting RAIN BIRD Heads first you choose exactly the irrigation wanted and may save a great deal of money on piping. Write today for catalog on RAIN BIRD Sprinklers and SILVER TOP Valves.

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PEORIA, ILLINOIS

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