

The diminutive grasses of golf greens  
need the scientific nourishment  
**VIGORO** provides!

• On the greens, on the fairways, Vigoro makes for better golfing. Better golfing because Vigoro helps develop hardy, smooth top growth . . . top growth of the right resiliency for best play.

So it's just good business to give your course the care it needs. Keep it in fine playing condition with Vigoro.

A complete plant food, Vigoro supplies, in scientifically balanced proportions, vital food elements grass *must have*. Proved on the grounds of many of America's most famous courses, Vigoro is the plant food your turf needs for better play.

We'll show you why if you'll write for full information . . . information that indisputably shows the remarkable results Vigoro produces.

**SWIFT & COMPANY**  
Plant Food Division, U. S. Yards  
Chicago 9, Ill.



# GRASS PRICES ARE LOWER!



On 50 Lbs. and Over We Pack Seaside And Triple A Bent in Tin Lined Cases.

## GRASS SEED of "Known Quality"

*Tested for Purity and Germination*

Seaside Bent, Cocoos Bent, Triple A Bent, Velvet Bent, Colonial Bent, Astoria Bent, Kentucky Blue, Chewings Fescue, Illahee Creeping, Red Fescue, Red Top, Rye Grasses, Alta Tall Fescue and Other Grasses For Fine Turf Work and Special Mixtures For Greens, Tees, Fairways and Rough.

*Write For Special Golf Prices*

### Golf Course Equipment

Mowers, Sprinklers, Distributors, Flags, Hole Cups, Tee Towels, Miscellaneous Supplies and Equipment.

### 2,4-D WEED KILLERS —

### Brown Patch Remedies

*Write for New 1948 Price List*

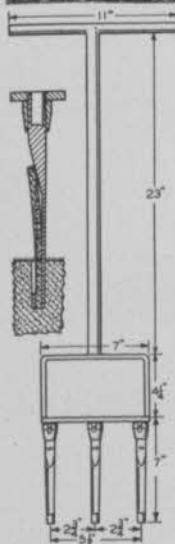
*Stump & Walter Co.*

132-138 Church St., New York 8,  
New York

Floyd Farley will open his new 18-hole Meridian fee course at Oklahoma City this spring. . . Farley's also recently constructed new 9-hole courses at El Reno and Wewoka, Okla. . . . Lou Koch who was asst. to Bob Harlow as Pinehurst press agent now is publicity director for Boca Raton (Fla.) Club. . . When data was being secured on what club pros might discard if compromise were effected between USGA 14-club and PGA 16-club rule most pros said they could spare the No. 1 iron.

H&H Guest Ranch CC, Paul Drummet's dude ranch near Houston, Tex. is planning to add 9 holes to its existing 9 this year. . . Wickenburg, Ariz., which proclaims itself "Dude Ranch Capital of the World" is considering building public golf course. . . Riding those horses makes you tired in the same place but not in the same way some of your golf scores do. . . Skeet and trap shooting ranges getting a strong play at midwestern golf clubs this winter.

Beverly CC (Chicago dist.) course maintenance cost analysis for 1947 showed how machinery is replacing manual labor. . . Beverly's labor used to account for 75% of course budget.



## JUSTICE PLUG EJECTOR

The perfect tining tool. You may now add your soil conditioners without compacting the greens; unbelievable speed at low cost.

Promotes root development, internal drainage, soil improvement and aeration.

Sold through distributors only. Distributors solicited.

Sales Agency

**DAVE W. JUSTICE**

501 S. W. 44th St.

Oklahoma City, Okla.

Improve old greens without rebuilding.



## Protect Greens, Shrubbery, Trees SPRAY the IRON AGE WAY

**G**REENS keepers praise the low cost protection they get from Farquhar Iron Age Sprayers on golf greens, shrubbery, bushes, trees. Especially designed to spray areas inaccessible to large wheel and truck mounted sprayers, these handy machines are ideal for economical general utility work around any size golf course.

Shown here is an Iron Age Sprayer, equipped with a 4-gallons-per-minute pump (working capacity up to 350 lbs. maximum) and driven by a 1 $\frac{3}{4}$  HP air-cooled engine, protecting golf greens. The famous Iron Age Pump delivers the constant high pressures needed for thorough penetration. This unit can also be used for weed control, whitewashing buildings, disinfectant work or fire protection.

Farquhar builds Iron Age Sprayers in various types, sizes and pump pressures to meet all requirements. Ask your nearby Iron Age

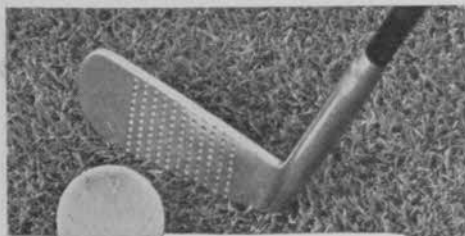
Dealer why club owners everywhere say, "Our Iron Age Sprayer is the best all-around investment we ever made."

### SEND FOR FREE BULLETIN

showing how it will pay you to *Spray the Iron Age Way*.  
Write: A. B. Farquhar Co., Farm Equipment Division,  
3427 Duke St., York, Pa.

*Farquhar*  
**IRON AGE**  
YORK, PA.

POTATO AND VEGETABLE PLANTERS • TRANSPLANTERS  
SPRAYERS • BUSTERS • POTATO DIGGERS • WEEDERS  
CONVEYORS • JUICE PRESSES • SPECIAL MACHINERY



## Scott's CHAMPIONSHIP

**TURF**—A natural result of seeding, feeding and weeding with ever-popular Scott Turf Products. Year-round efforts of your Green Committee and Superintendent bring you the best greens, tees and fairways when top quality materials are employed. Such an investment has *always* been good economy, but this spring quality seed prices are even lower. May we quote you?

**O. M. Scott & SONS CO.**  
21 PARK AVE., MARYSVILLE, OHIO

. . . Last year it was 50%. . . Robert Bruce Harris, Chicago, designing new muni course for Clinton, Ia. Eagle Point Park. . . Harris also remodeling Countryside GC fee course northwest of Chicago originally built as a feature of a real estate development sponsored by the late Samuel Insull, utilities magnate.

Twenty-fifth anniversary party given Orville Clapper, pres., Clapper Co., West Newton, Mass., New England course equipment and supply dealers. . . Place was packed with employees and guests. . . A bunch of happy birthday wires were received celebrating Orville's 25 years in the business. . . British PGA officials have ruled out annual Ryder Cup matches as too expensive. . . "A high official of the British PGA" told Associated Press that the British PGA practically emptied its till to send a team to Portland, Ore.

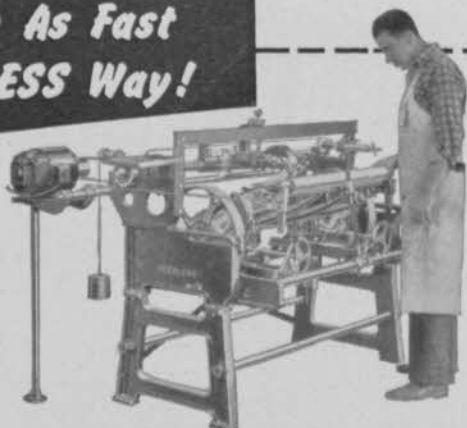
Never saw livelier more attractive Christmas cards than pros got out for their members and other friends for Christmas, 1947. . . And never saw as many pro Christmas cards. . . Jerry Glynn, Skycrest CC (Chicago dist.) pro, and one of the smartest, smoothest promoters in the business, says a pro is overlooking a good bet for himself and the club when he doesn't see

## Cut Grass Twice As Fast The Easy PEERLESS Way!

Mowing time can be cut—often as much as 50 per cent—when grass-cutting blades are razor keen. Greens and fairways look better quicker—stay well-kept longer—when you have your own Peerless Sharpener. There's no "going over" a second time when your blades are Peerless Sharpened. A Peerless edge cuts closely, evenly, smoothly—and does it right the first time!

Peerless' fast-cutting grinding wheel gives any type of mowing blade a keen, smooth edge. Its rugged, precision mechanism gives years of trouble-free service. Write today for complete information.

P. S.: Peerless Sharpeners are perfect for estates and country places, too.



Works with Any Mower • Easy, Simple to Operate • Accurate and Durable • A Keen Cutting Edge Every Time

**PEERLESS SHARPENERS**  
The Popular Choice  
Since 1909

**The FATE-ROOT-HEATH COMPANY • Dept. D-1, Plymouth, Ohio**

**TAT**

# Soilicide

Contains P.M.S.

**DUAL ACTION • DOUBLE VALUE**

*at a Single  
labor Cost*

**TAT SOILICIDE** is the new miracle chemical that eradicates fungus diseases such as Dollar Spot, Copper Spot and Brown Patch — *with effective crabgrass control at the same time!* Specifically formulated for use on putting greens. Add 1 pint to 100 gallons water when used as fungicide. Add 1 pint to 50-75 gallons water when used for crabgrass controls. An odorless liquid that immediately

mixes with water, it is packed in 1 pint bottles (12 per case) and gallon bottles. Tested and proved at Rhode Island State College and other leading agricultural stations in United States and South America. Save time and labor — do two important jobs at once — use **TAT SOILICIDE** for healthy, beautiful greens!

**TAT C-LECT BULK SPECIAL.** This is identical to **TAT SOILICIDE** except in more concentrated form. Can be appropriately diluted for use as a fungicide or for crabgrass control on greens, fairways, tees or aprons. Represents lowest cost for large users. Only available in 15 and 53 gallon drums.

**TAT WEED C-LECT.** The only 2,4-D formula compounded for mixing with **TAT C-LECT SPECIAL** or **TAT SOILICIDE** to permit killing most broad leaf weeds during same treatment. Packed in 1-5 and 53 gallons. Order **NOW** from the following:



## AUTHORIZED TAT C-LECT and TAT SOILICIDE DISTRIBUTORS and DEALERS

**California** Inglewood  
Three Way  
Distributors

**Los Angeles**  
Pacific Toro Co.  
**Sacramento**

F. Lagomarsino &  
Sons

**Colorado** Denver  
Barteldes Seed Co.

**D.C.**  
Washington  
Balderson Seed Co.

**Georgia** Atlanta  
Evans Implement  
Co.

**Illinois** Chicago  
Geo. H. Davis, Inc.  
Chicago Fence &  
Eqpt. Co.

**Indiana** Indianapolis  
Kenney Machinery  
Co.

**Iowa** Des Moines  
Globe Machinery  
Co.

**Kentucky** Louisville  
Dixie Lawn Supply  
Co.

**Maryland**  
Silver Springs  
Todd's Machine  
Shop

**Massachusetts** Boston  
Joseph Breck & Co.  
**Watertown**

Herbert D. Fay  
**West Newton**  
The Clapper Co.

**Michigan** Detroit  
Terminal Sales  
**Minnesota**

Minneapolis  
Maney Bros. Mill &  
El. Co.

**Missouri** Creve Coeur  
Lawrence J. Meisel  
Co.

**Kansas** City  
D. B. Bell & Son

**Nebraska** Omaha  
Z. W. Credle

**New Jersey**  
Rochelle Pk.  
Terre Company

**New York** Buffalo  
Ideal Mower Sales  
& Service

**New York City**  
Arthur D. Peterson  
Co.

Stump & Walter  
**Rochester**  
Grass Cutting Eqpt.  
Co.

**Syracuse**  
Golf & Tractor  
Eqpt. Co.

**North Carolina**  
Charlotte  
E. J. Smith & Son

**Ohio** Cincinnati  
B. K. Cohee Co.  
**Cleveland**

Ohio Toro Co.  
**Columbus**  
Livingston Seed Co.

**Dayton**  
Dayton Lawn  
Mower Co.

**Lakewood**  
W. D. Foster  
**Toledo**

W. V. Barton Co.

**Pennsylvania**  
Philadelphia  
Lawn & Golf  
Supply Co.

Philadelphia Toro  
Co.

**Pittsburgh**  
E. H. Griffith Co.

**Rhode Island**  
Providence  
Woodworth Bradley

**Tennessee** Knoxville  
A. G. McKay  
**Memphis**

Coyle Shea Co.  
**Virginia** Richmond  
T. W. Wood & Son

Certain Desirable Territories are still open. For information Write

**O. E. LINCK CO., INC. — Clifton, New Jersey**

**FIRST in SERVICE  
in NEW ENGLAND**

"The right thing, at the right time,  
at the right price" . . . for over 25  
years we've made it our business  
to "have what it takes" to help  
New England greenkeepers main-  
tain their courses in top condition.  
Let us quote on your Spring needs.

Toro Power and Gang Mowers • Mil-  
organite Fertilizer • Buckner Sprinklers •  
Jari Power Scythe • Chemicals • Sprayers  
Supplies • Fertilizers • Tools • Grass  
Seeds • Repairs for Toro Equipment

**THE Clapper CO.**

(Formerly New England Toro Co.)  
1121 Washington St. (Bigelow 4-7900)  
WEST NEWTON 65, MASS.

that the manager and greenkeeper get a set of good clubs at cost—or even less. . . Glynn says he knows from experience that's where a pro can spend some of his own money and get great dividends in good will, cooperation and cash in the long run.

Eddie Hruz goes from Oconomowoc (Wis.) CC to be pro at Ozaukee CC (Milwaukee dist.) . . . Alex Wilmot resigns as Maple Bluff CC, Madison, Wis., pro, to go into sports goods business. . . Chicago district fee course sues to stop operation of pig farm with 6000 porkers to its windward. . . Not many kids showing up for the few free evening golf classes offered at Scotch schools. . . Howard Farrant now supt. at Pine Brook (Mass.) CC.

The sprightly veteran Joe Sylvester goes as pro at North Hempstead CC, Port Washington, N.Y. . . . Billy Sixty, Milwaukee Journal golf and bowling columnist who stars in performance as well as writing of both sports, was subject of a bright column by Jimmy Powers in NY Daily News. . . Columbus, O., Wyandot many course showed 1947 gross of \$26,000. . . The city's Twin River course grosses \$15,000. . . Les Johnstone signed as pro by Town & Country Club, Green Bay, Wis.

**William E. Hoyt, 59, died at Jackson Memorial hospital, Miami, Fla., Dec.**

## Keep Greens GREEN with the OHIO SPIKE DISC CULTIVATOR



**SPIKE DISC**

**H**AVE thick, rich, healthy grass all summer. Aerate the soil—and cultivate it at the same time—with an Ohio Spike Disc Cultivator. Use it before you re-seed or apply fertilizer, lime or top dressing. The spikes make little pockets for seed or fertilizer to settle into and not get blown or washed away. Use this cultivator to loosen sod hardened by summer heat, and to form moisture-retaining mulch. Easy to operate, sure in results. When not in use, discs are easily raised out of the way, as in wheeling over walks and floors.

Your club needs an Ohio Spike Disc Cultivator. Two popular-priced hand-operated sizes, Nos. 30 and 32, now available. Due to shortage of materials, tractor types are not at present obtainable. If your supply house hasn't Ohio Spike Disc Cultivators, write us for full information.

**JOHN H. GRAHAM & CO. Inc.**  
General Sales Agent  
Dept. Y, 105 Duane St., New York 7, N. Y.

Shown here, No. 30. No. 32 has two handles. Manufactured by the makers of Dunham Water Weight Lawn Rollers

Untreated section of fairway

Section treated with Du Pont 2,4-D

## DU PONT 2,4-D KILLS FAIRWAY WEEDS

● You get results when you use Du Pont 2,4-D Weed Killer on your fairways for weed control.

Du Pont 2,4-D Weed Killer is highly concentrated—in powder form—quickly dissolves in water. (1 lb. makes 100 gal. of 0.1% solution.) That's why it's easy to use, economical. For killing weed roots as well as foliage, you'll find Du Pont 2,4-D Weed Killer a year-round trouble saver.

\* \* \*

For poison ivy, Du Pont AMMATE\* kills with a single application.

For further information write Du Pont, Semesan Section, Wilmington 98, Del.

Prevent fungus diseases on your greens with easily applied TERSAN,\* SEMESAN,\* or Special SEMESAN\* fungicides. \*Reg. U. S. Pat. Off.



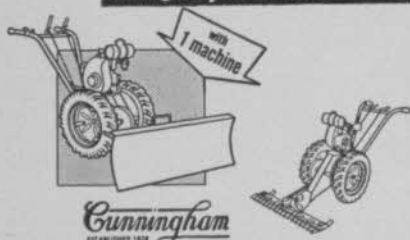
**DU PONT**  
REG. U. S. PAT. OFF.

**WEED KILLERS**  
for  
*fairway and rough*

BETTER THINGS FOR BETTER LIVING  
... THROUGH CHEMISTRY

Replace 7 snow shovels this winter

and 5 scythes next summer



### SNOW PLOW and MOWER

You clear snow as fast as seven men with shovels . . . you cut weeds and grass as fast as five men with scythes . . . all with this one economical machine.

40-inch snow plow blade can be angled instantly right or left . . . big 4:00 x 12 tires give positive traction . . . easy to handle . . . blade also ideal for light bulldozing . . . 3-foot sickle bar quick and easy to attach for mowing. Spray rig and lawn mower attachments. ALSO LOOK AT THE NEW CUNNINGHAM REEL TYPE POWER DRIVEN LAWN MOWER.

Write Dept. G for FREE literature.

**JAMES CUNNINGHAM, SON & CO.**  
Rochester 8, New York

27. . . Hoyt was widely known as a prominent amateur golfer in Ohio and as a veteran salesman of golf playing equipment. . . Prior to his death he was with Acushnet. . . Bill was a grand friendly fellow who would cheerfully go out of his way to help anybody. . . He's survived by his widow, his daughter, Jean, and three sisters.

Chicago Park District's head golf pro Packey Walsh will be busy in the nation's largest park board golf instruction program. . . Sessions will be held nights once a week during February and March at two Chicago Park district field houses and Saturday afternoons at a west side Park District field house. . . Mexican PGA being organized by Edmundo Salas, PO Box 779, Mexico City, D.F. . . Jimmy Demaret's average of 69.80 for 92 competitive rounds in 1947 won the Harry Vardon memorial trophy award by a margin of .04 of a stroke over Ben Hogan.

Gene Sarazen recently received from L. B. Icely, Wilson's pres., an award for 25 years service with Wilson Sporting Goods Co. . . George Diegel, Leo's brother, now operating Forest Hills course at Tampa, Fla. . . Visitors to PGA course at Dunedin



## LIQUID LUSTRE GOLF BALL WASH

Solve your ball washing problem with this thrifty, easy to use ball wash. Washes balls glistening clean, yet is absolutely harmless to paint. No offensive odor under any conditions. Use only one tablespoonful per ball washer for maximum results.

Price: \$4.50 per gal.

5 gal. can, \$21.50

Order from your dealer or direct from

**D B A PRODUCTS CO. Dept. GD3 DEERFIELD, ILL.**

\*\* (Golf Supply Dealers write for complete details) \*\*

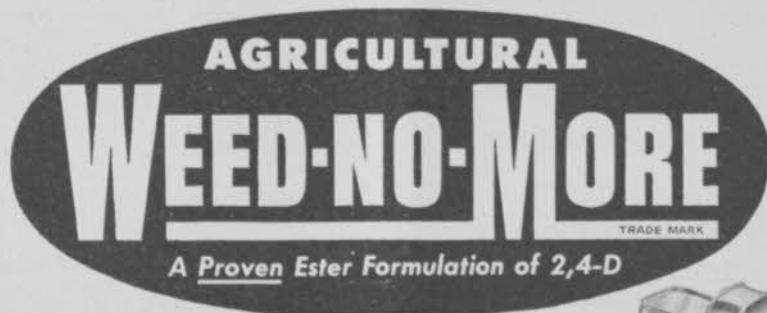


**NOW YOU CAN HAVE**

# Weed-Free Turf

*at far less cost than former weed-eradication methods*

**USE ONLY 1 TO 2 PINTS PER ACRE OF**



**Highly Effective!** Authorities have found that the ester forms of 2,4-D used in Agricultural Weed-No-More penetrate weed leaves within 5 minutes or less, then begin to work instantly.

**Saves Time and Money!** Using the new Weed-No-More spraying method developed and proved by Sherwin-Williams Research, one man can spray as many as 100 acres in a single day. The use of Weed-No-More results in beautiful, weed-free turf.



**Easy to Apply!** Agricultural Weed-No-More is effectively applied with a simple, low-cost spray attachment quickly assembled and mounted on tractor, Jeep, or truck. Pump can be driven by power take-off or small gas engine. Hand sprayers can be used for small areas. One to 2 pints of Weed-No-More in only 5 gallons or less of water per acre kills dandelion, plantains, buckhorn, and other turf weeds.

For full information phone your supply dealer or write direct to Agricultural Chemicals Division, 1231 Midland Building, Cleveland 1, Ohio.



**New Movie Tells All.** Committees and boards should see the new full-color, 16mm sound film "Agriculture's New Conquest." It tells the full story of weed control with 2,4-D on farms and large turf areas. See your dealer or write direct to Agricultural Chemicals Division, 1231 Midland Bldg., Cleveland 1, Ohio.

Acme White Lead & Color Works, Detroit  
W. W. Lawrence & Co., Pittsburgh  
The Lowe Brothers Co., Dayton  
John Lucas & Co., Inc., Philadelphia  
The Martin-Senour Co., Chicago  
The Sherwin-Williams Co., Cleveland

**PRODUCT OF SHERWIN-WILLIAMS RESEARCH**

# PERFECT GRASS

AT LOWEST UPKEEP COST



Mixtures carefully blended to your specifications or our special formulas for varying conditions of soil, climate and use.

## STRAIGHT GRASSES • BENTS

High germination and purity.

TELL US YOUR PROBLEM

## ASGROW SEEDS

Main Office: New Haven 2, Conn.

## SKINNER SYSTEM

OF IRRIGATION

... makes your course independent of RAIN

Now is the time to get information on the Skinner System Planning and Engineering Service and make plans to keep your course fresh and green all summer long. Write for catalog and details of Skinner Service. No obligation.

### SKINNER IRRIGATION COMPANY

415 CANAL ST., TROY, OHIO

\* Send for CATALOG  
No Obligation



this fall are lauding Alex Cunningham for his work in bringing the course into top condition. . . Nine hole munny course at Greenwood, Miss., being completed. . . Jackson, Miss., also about ready to open its new munny course.

Russell G. Miller is new mgr., Sunset Ridge CC (Chicago dist.). . . Al Bryant, 67, mgr., Fox Hills-Baldwin courses (LA dist.) died in Inglewood, Calif., Dec. 30, following a week's illness. . . He was widely known as a club manager and expert amateur golfer and was the genial, helpful friend of thousands in the district. . . He is survived by two sons; William, mgr., Rio Hondo GC and Dr. Alva.

Homer Herpel, pro at Indian Meadows GC, new St. Louis 18-hole fee course, plans program of group lessons for women and kids in days and clinics at night on range at the course. . . Homer says having golf range operating nights at the course was tremendous boost for private lessons and sales after Indian Meadows opened in mid-September, 1947.

Elmer Wheeler, new supt. at Jacqueline Cochran Ranch course, Indio, Calif. . . Smiley Quick now on pro staff of Harry Bassler at Fox Hills-Baldwin courses (LA dist.). . . Trade ins on new club sales got to be big business in several metropolitan districts last

## ★ Buckeye

7 BLADE BENT GRASS

## Lawn Mower

FOR GOLF COURSES

NOW AVAILABLE

Model 700

Light weight, 7 cutting blades for smooth cutting. Crucible alloy steel knives. Ball bearing reel. 10-inch semi-pneumatic tires. Rubber roller. Steel handle. 16-inch cut.

ALSO AVAILABLE  
Model 900 push type tractor mower. 20-inch cut.

Inquiries solicited.



MAST-FOOS Manufacturing Company

LAWN MOWERS SINCE 1880

SPRINGFIELD, OHIO