

YOU'LL LIKE
THE IMPROVED
Jacobsen
GREENS MOWER
even better!

Even though the Jacobsen Greens Mower has been judged tops in performance, durability and easy handling by experienced Golf Course Superintendents for years, Jacobsen engineers are never satisfied. The Model 9A Greens Mower performs even better.

- **Power has been stepped up.** It is equipped with a 3.0 hp Jacobsen-built Hi-Torque engine for smoother starting and acceleration on the green. Mounted horizontally for low center of gravity and easy handling. Famous for long life, minimum maintenance.

- **Simplified Main Drive Clutch,** completely re-engineered for simplicity and durability.
- **5 inch Diameter Reel.** 9 tough heat-treated chrome nickel alloy steel blades, specially designed for today's smooth-texture greens. Turf slicer attachment available.

- **Balanced Design.** Mower weight is evenly distributed over entire length of rear roller, with balance point at center—for even, smooth greens.

- **All Chain Drive,** prevents slippage, eliminates uneven cutting.

- **Cutting Height**—low, 1/8-inch; high, 1 1/2-inch. Quickly adjusted with easy turning hand wheels on each side of frame.

- **Plastic Grass Catcher,** standard equipment.



Ask for a demonstration. Prove its better performance yourself.

JACOBSEN MANUFACTURING COMPANY
Department G-4, Racine, Wisconsin

SUBSIDIARIES: JOHNSTON LAWN MOWER CORPORATION, BROOKHAVEN, MISS., WORTHINGTON MOWER COMPANY, STROUDSBURG, PA.

High Nitrogen Builds Turf...



12-6-6 . . . the Wonder Gro plant food formula for rich, dark green grass that stands up under heavy traffic on fairways and tees. *High in Nitrogen* to stimulate growth—plus generous amounts of other basic elements for steady strength. **IT'S GRANULATED** . . . spreads evenly from standard equipment. Longer feeding at the roots. Dustless, odorless, clean. Will not burn. Made to the analysis recommended by Michigan, Indiana, and Ohio State Universities.

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NURISH . . . water soluble plant food . . . gives new lift to tired greens during summer slumps.



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Progress Through Chemistry

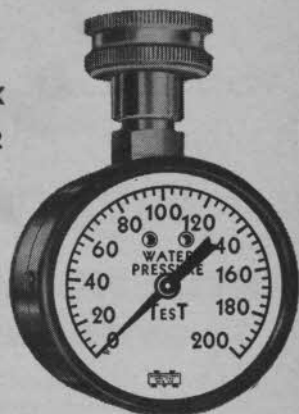
DAVISON CHEMICAL COMPANY
Lansing, Michigan

made the gift in appreciation of the annual tournament at which the club members and pro, Jimmy D'Angelo, are host to the scribes . . . Construction of second 9 at de luxe Ocean Reef Club, Key Largo, Fla., to begin this summer . . . Mark Mahannah designed both 9s.

Expect to finish building second 9 of Berwind CC, San Juan, Puerto Rico, to plans of Alfred H. Tull, by June . . . Tull also designed the beautiful new Ponce, P. R. course . . . Puerto Rico got a big play from American tourists this winter and the tourists wanted more golf . . . Berwind will be played as one of the Caribbean PGA minor league stops next winter . . . Schenley liquor outfit will an gel the tournament.

Dorado course, Trent Jones designed for Rockefeller interests, another new beauty of the Caribs . . . So is Bella Vista in Dominican Republic . . . Maintenance doesn't do the layout justice but without fertilizer and water nobody can get a course into good condition . . . Maintenance of the Caribbean courses is mighty damn awful . . . Water is scarce at most of the island courses . . . An authority on course construction and maintenance who

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THE WATER
PRESSURE
AT EVERY
SPRINKLER**



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- Easily
- Accurately

NEW WATER PRESSURE TEST GAUGE
Has 2½" Dial, reading 0 to 200 pounds; steel case, with plastic crystal; ¾" faucet connection. Write for Bulletin C-203.

"A HANDY TOOL FOR
ALL GOOD GREENKEEPERS"

STANDARD MFG. CO.
Box G-58, Cedar Falls, Iowa



and you'll buy ROSEMAN GANG MOWERS - - - -
Every Time

High mowing costs, wasted man hours and exorbitant repair bills are not found in gang mowers of Roseman design and quality.

Save on Labor

The exclusive labor saving ability of the Roseman hollow-roller-drive gang mower to overhang traps and edges of shrubbery beds and to cut close to fences, and structures eliminates the need for much hand trimming. Hundreds of man hours can be saved or devoted to other tasks.

Save on Time

Roseman mowers are rear drive mowers that mow faster, more uniformly without kicking up the rear. Considerable savings in mowing time and man hours.

Save on Equipment

Roseman mowers with lift hitch are combination rough and fairway mowers. Rough areas can be maintained faster, at less cost, with no expense for additional gang of mowers. Just flip

the mowers into high cutting position. Also a time and money saver in mowing flooded or low lying fairways where grass sometimes "gets away" before tractor can get in.

Save on Repairs

Exclusive non-breakable malleable side frames and bed knife shoes. Heavy duty tough chrome nickel alloy steel reel blades, riveted — not welded — to avoid soft spots and breakage and give long life. Timken adjustable bearings and vanadium steel long-life bed knives assure faithful service for many years and almost non-existent repair bills.

Compare 'em all

You are invited to compare the Roseman mower with any other mower. Be sure and compare Roseman quality, design features, low upkeep costs, and performance. We believe that you, too, will join the swing to Roseman mowers.



MAKE YOUR NEXT GANG ROSEMAN
WRITE FOR DETAILS TODAY



ROSEMAN MOWER CORPORATION

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UNIVERSITY 4-1842

EVANSTON, ILLINOIS, U. S. A.



"Believe me,
I'm sticking
with **AGRICO**[®]
...FOR DEPENDABLE
RESULTS—ALWAYS!"

says
Charles P.
Storrier, Supt.
Green Acres
Country Club
Lawrenceville,
N. J.



We asked Mr. Storrier late last fall just how he had managed to keep the good color and healthy, thick growth of grass on his greens after a hot, dry summer and an active golfing season. Here's what he told us:

"I decided to include Agrico for Turf 10-6-4 with UREA-FORM this year in conjunction with Agrico for Turf 50% Organic. This turned out to be a winning combination and 'saved the day' for me... I discovered that Agrico for Turf had staying power, even under heavy irrigation, and applications made in temperatures in the 90's produced no burn. Believe me, I'M sticking with Agrico — always!"

See your regular Agrico supplier now, or write to **The American Agricultural Chemical Co.**, New York 7, N. Y. It will pay you to make plans now for the 1958 season.

AGRICO[®]

America's Premier Golf Course Fertilizer

AGRINITE[®]

the Better, Natural Organic Fertilizer

has inspected a number of the Caribbean courses asks: "Why do people spend a wad on building a good course then expect it to be attractive without spending adequately for proper maintenance?"

Tenth anniversary tournament of National Amputee Golf Assn. will be played at Baltusrol GC, Springfield, N. J., Aug. 14-15 . . . Expect to have second 9 of Kaneohe Marine Corps Air Station in Hawaii completed and in play by December . . . Barbers Point Naval Air Station at Honolulu trying to figure out a way of building 18 holes.

Reidsville, N. C., with population of 13,000 has a 9-hole private club and a 9-hole semi-private club, the Wolf Creek CC and both are doing well . . . Hunter Gammon, co-owner of the Wolf Creek Club, has a local postman as professional, teaching part time . . . Gammon says his pro, an ex-caddie, is an ace promoter of golf in that part of the country.

On May 5 at Kalalua course, Schofield Barracks, Honolulu, there'll be a big pro-am celebrating the 10th anniversary of Martin E. (Grass Hat) Mattison's entry into golf equipment business . . . All amateur entry fees returned in

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Davis Grass Seed will help you establish and maintain a better wear resistant turf. We offer only seed of the highest purity and germination. Our prices are right.

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The famous Worthington Model "F" Tractor mows the grass before the tractor wheels mat it down. Ideally suited to cutting on soft or wet turf. Front wheel drive and rear wheel steering makes the unit highly maneuverable.



The hill-hugging Worthington, Model "G" Tractor, equipped with a hydraulic sickle bar, makes short work of hard-to-get-at hillside mowing. Used widely by highway departments for tough job mowing.



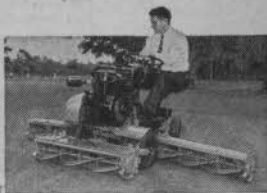
Excellent cutting efficiency and low maintenance cost makes these rugged Worthington Fairway Mowers the standard of comparison wherever a smooth, even-cut turf is required. Available in 3-, 5- and 7-gang units.

There's a Mowing Combination for Every Large Area Requirement!

Whatever your large area mowing problem might be, there's a Worthington combination that's just right for the job. For maintaining velvet smooth turf on golf course fairways, cutting in restricted areas and around obstructions or on steep highway cuts and fills, Worthington will do it better... faster... cheaper.

Make us prove our claim! Job test Worthington units right on your tough cutting locations. See for yourself how easy they solve even the toughest mowing problems. Ask for a "no obligation" demonstration today! We'll be glad to arrange a demonstration of Worthington equipment on your own grounds at your convenience. Write for literature and the name of your Worthington dealer.

Gang mower capacity at power mower cost—that's what the Worthington Triplex offers. This versatile unit gives you everything from a putting-green type of mowing to a three-gang unit.



WORTHINGTON MOWER COMPANY

Subsidiary of Jacobsen Manufacturing Company, Racine, Wisconsin
STROUDSBURG, PENNSYLVANIA

A
GREAT MATCH!

RAIN BIRD & NELSON

The Champions in Turf
Irrigation Equipment



RAIN BIRD TURF SPRINKLER MODEL 808

- One of the really great combinations in the turf irrigation field, Rain Bird and Nelson combine to give you unsurpassed watering capacity with economy and efficiency of operation.
- Rain Bird Sprinklers provide maximum, penetrating coverage over large turf areas, and are available to cover any part of a circle, or full circle. As part circle they water the grass, shrubbery, trees without soaking walks, drives or buildings. Perfection of operation... ease of maintenance are assured by a minimum of moving parts.
- Together, Rain Bird and Nelson offer you the most complete line of turf valves. Both, Nelson Quick Coupling Valves and Rain Bird Sure-Quick Turf Valves, are self-closing, foolproof, and afford fast, positive coupling and uncoupling without tools. Top flush with turf, they maintain landscape beauty... eliminate hazard to moving equipment and persons walking or playing.



Nelson Midget Valve
Model 40A

IMPORTANT!

Nelson and Rain Bird valves and sprinklers save time and labor... cut your operating cost substantially.

Write for literature on the most complete line of valves and sprinklers, and see how easily... how completely your turf irrigation requirements can be satisfied.

**NATIONAL RAIN BIRD SALES
& ENGINEERING CORP.**

Azusa, California

RAINY SPRINKLER SALES

609 West Lake Street, Peoria, Illinois

pro shop merchandise prizes and Grass Hat is tossing in \$200 for pro money... It ought to be a grand party for Grass Hat has been an enthusiastic, well-informed and energetic worker for Hawaiian golf, pros and amateurs, and has been a Welcome Committee and missionary in bringing Hawaiian and mainland golf into enjoyable contact.

Jimmy Mann, formerly with Golf World, now publicity director of Paradise CC, Crystal River, Fla. . . . Allan McLean, pro at Rosemont CC, Montreal, has three brothers who are pros at Canadian clubs . . . Jimmy is at Whitlock . . . Gordon is at Chambly . . . Arnold is at the new Hillsdale CC at Montreal . . . Allan, at the PGA National course, told American pros that the French Canadians account for golf boom in Canada . . . These people are members of large families and when one begins playing golf many of the rest of the tribe join him.

Atlantic City CC, Northfield, N. J., put out eight page mimeographed pamphlet reviewing accomplishments of past year and telling of club operations, plans, etc Pres. Leo Fraser says it



BENT GRASS STOLONS

- Washington ● Cohansey (C7)
- Congressional (C19)
- Arlington (C1) ● Pennlu

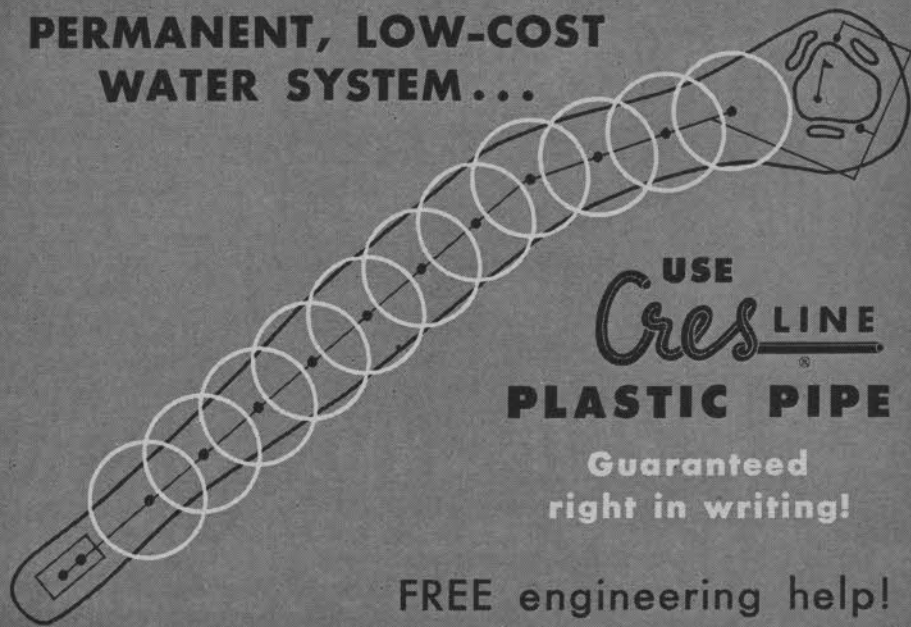
Our stolons are true to name, weed and seed free and in vigorous growing condition. As a proof that we know how to keep our strains pure, our present Washington exactly matches that we sold in the 1920's.

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PERMANENT, LOW-COST
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Even unskilled workers can install low-cost Cresline Plastic Pipe quickly and easily because it is light in weight, long in length, and simple to join.

Both Cresline Flexible Pipe and Cresline-KL semi-rigid and rigid Plastic Pipe are made of virgin materials, tested and proved right in our own laboratories. Sure to give

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GOLF COURSE TECHNICAL PLANNING DEPT. G-8
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NAME

TITLE

ADDRESS

CITY STATE.....

WHICH WAY IS DOWN



Plain water has a variety of personalities—and how well have you gotten to know your water? Last month Buddy Pearson related how he reduced the hardness of his greens and the excessive run-off by using AQUA-GRO. He taught his water "which way is down." Next month Jim Reed will tell how he eliminated dry, thatched areas on his greens. AQUA-GRO taught his water "which way is down." Yes, it is possible for plain water to assume a different personality, and wetter can be better and more relaxed. AQUA-GRO treated areas "wet" quickly, deeply, and more uniformly because of the reduced tension of the soil moisture. Pampering of a troublesome green with tedious and costly watering is eliminated; no need for shallow and frequent waterings, with AQUA-GRO. You can save on labor and water. (Superintendents report up to 40% less water used.) *This summer teach your water "which way is down."*

A USDA report* on soil moisture discusses the importance of soil moisture tension, showing a higher availability and freer movement of water at lower tensions. (AQUA-GRO treated water has 250% less tension than plain water.) The report states "when there was no difference in moisture content, tension regulated the amount of root growth . . . The rate at which a new supply (of water) moves in is determined by both soil moisture tension and by the ability of soil to conduct water . . . in a drying soil, as moisture tension rises, nutrient starvation sets in before water starvation does . . . Soil moisture tension (the tenacity with which water clings to soil particles) has been widely accepted as the controlling factor in a crop's ability to get water."

If you have not already tried AQUA-GRO, gain experience with this new approach to water management by including it in your 1958 program. Make it a point to talk with superintendents who are using AQUA-GRO.

* "Agricultural Research", May, 1958.

As "Wettie Wetdrop" says:



I make
WATER WETTER!

AQUA-GRO®

NON-IONIC WETTING AGENT

AQUATROLS CORPORATION OF AMERICA
730 Lancaster Ave., Bryn Mawr, Pa.

really scored . . . Members of Oak Hills CC, San Antonio, Tex., now being polled as to their opinions of how things are being run . . . Grades are Excellent, Good, Average, Fair and every club facility is being scrutinized.

John Arrowood, supt., Hickory Hills CC, Springfield, Mo., is experimenting with three strains of bent, C-7, Seaside and Pennlu, on his new practice green . . . Ray Whitlow, supt. at Topeka CC, has retired . . . Jerry Homolla, 25-year old pro at Lake Hills CC, St. Johns, Ind., was drowned Mar. 18 while trying to retrieve golf balls from an ice-covered lake . . . When he was 50-ft. from shore, the ice gave way . . . He yelled for help and two men came to the rescue, but too late to save him.

New Timp Tees in Provo, Utah, owned by Thomas J. O'Callaghan and Leon Frazier, is said to be only driving range between Salt Lake City and Arizona . . . It's located close to the Brigham Young University campus and across the street from Provo Muni course . . . O'Callaghan, who operates the range, says Provo residents are becoming exceedingly golf conscious and are excited about Timp Tees.

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Special formulas for varying turf needs

1 - Thiram 75

in 1 lb. soluble bags
also 3 lb. bags

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Phenyl Mercuric Acetate

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4 - Chelated Iron Complex

5 - Super Denol AMA

6 - Penetrol Wetting Agent

for deeper water penetration

7 - X 15 Trace Elements

8 - 2, 4-D - 2, 4-5T

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positively kills silver crab
without damage to turf

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tractor-fed **ROYERS** really
cut turf-care costs

Cutting turf care costs really isn't much of a problem when you own an "R" or "Y" Series Royer Shredder. These tractor-fed models process up to 12 cu. ft. of top dressing in 15 seconds. When "dressing" greens and fairways, quantities like this are important.

"Royerated" top dressings are thoroughly mixed, aerated and reduced to fine particle size. They soon work into the soil, developing luxuriant, healthy turf that can withstand broiling sun and rugged play.

Write today for our new bulletin "Royer Shredders for Turf Conditioning Materials" and the name of your nearest distributor. He'll be glad to arrange for an on-the-spot, obligation-free demonstration.



**ROYER FOUNDRY
& MACHINE CO.**

ROYER

171 PRINGLE ST.
KINGSTON, PA.

Swanky Ocean Reef Club at Key Largo, Fla., to have second 9 built to plans of Mark Mahannah who designed the club's first 9 which was put into play a couple of years ago . . . Wilson Crain is pro there in winter . . . Big job of course building is being done at Sombero CC, Marathon, Fla. for Stanley Switlik, nation's biggest maker of parachutes, lift rafts and Mae West life preservers . . . The 18-hole layout, has been brought out of the Atlantic by contractor Floyd Lamb, working to plans of Mark Mahannah . . . Water problem is being solved by lakes that will hold rain . . . Switlik, who doesn't play golf, once was a golf bag manufacturer, selling to pros only . . . He was a pioneer in putting metal bottoms in golf bags.

PGA going cautiously on financing of proposed headquarters building, clubhouse and meeting rooms at PGA National course, Dunedin . . . Getting good play at Turf and Surf Club's new 9-hole course at Tarpon Springs, Fla., built to plans of Chick Adams . . . Homer Herpel is vp and managing director . . . Frank Fowler and Gordon Miller brought course into good condition quickly . . . Fairways are Bahia and Bermuda combination that has

LOCKER NAMEPLATES



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