PROVED ECONOMY, DURABILITY, AND TOP PERFORMANCE FOR ALL GREENS MAINTENANCE

IMMEDIATE DELIVERY

POWER GREENS MOWER

FINER GREENS AT LOWER COST

Mostly of aluminum material construction, which provides lightest weight possible. Smooth, evenly cut turf can be proved and the money saving advantages of power mowing may be enjoyed.

New type clutch and reel adjustment. Close coupled grass box and transport cart as regular equipment. Aluminum sectional rear roller with differential action. Aluminum front roller and convenient height adjustment.

Through scientific engineering design, the safe elimination of all dead-weight has been accomplished in the COOPER "Champion" greens mower, without sacrificing necessary strength and durability.

Being light in weight, the "Champion" will not pack greens. New clutch design, with soft starting torque, engages without grabbing, eliminating scuffed or marred turf. Specially constructed high speed reel, insures smooth-cut turf with no corrugations. Short wheel base and short coupled construction of front roller and cutting knife, prevent scalping, especially on terraced or uneven contours. WRITE TODAY FOR LITERATURE AND COMPLETE INFORMATION.

COOPER MANUFACTURING COMPANY

409-411 South First Avenue

March, 1948

Marshalltown, Iowa
Smooth the way with BETTER GRASS

Eliminate continuous feeding—one complete feeding annually for the famous Raritan Velvet Bent gives a luxurious, healthy turf.

Certified Blue Tag Quality—99% pure or better. Seed one pound per thousand feet of green.

Famous Wagner improved methods of growing and harvesting make possible reduced prices. Supply ample.

job of attracting and serving patrons other course owners think their hard-working pros also are becoming millionaires... Well, we've seen a lot of fee courses go broke when first class pro service would have brought business and made money all around.

Herb Heinlein, sec.-treas., Central Penna. Gkprs.' Assn., now owner, pro, gkpr., mgr., Old Fort CC, Indiana, Pa. ... Herb was with his dad, M.J., Jr., owner, and his brother, Harold, pro, at Bon Air GC (Pittsburgh dist.) before he went into the navy for 2 years... Herb came to Indiana March 1, 1947 and increased play by improving course condition... It's a 9-hole layout.

Charley Rouse, well known for years of service at country clubs in northern Chicago dist., is Republican candidate for sheriff of Lake County, Ill. at primaries, April 13. Charley was in the sheriff's office for years but was forced out when bosses of gambling in Lake county found Rouse couldn't be handled... Special grand jury indictments of some of the gambling mob makes Rouse chances look good. ... The hoods are spending heavy to defeat him.

Theodore P. Bank, pres., Athletic Institute, in Washington to get congressional committee to lift ban on building of golf clubhouses and other recreation facilities.

GIVE THOROUGH COVERAGE FASTER

When you equip with John Bean sprayers and special 20 nozzle weed booms, ridding fairways, roughs, greens and fences of weeds is a fast, easy, one-man job. The John Bean weed boom delivers a coarse driving spray with a minimum of "drift," in controlled volume for your own spraying practice. John Bean sprayers are sturdy and reliable and are available in an output range of 4 to 60 gallons per minute. Write for the name of your nearby John Bean Dealer.

JOHN BEAN GOLF SPRAYERS

JOHN BEAN SPRAY BOOMS are ideal for spraying turf chemicals. Separate feed lines deliver equalized amounts of material to the right, left and center boom. Boom wings fold back to avoid obstacles, or for traveling and drag markers indicate areas that have been sprayed.

COMPLETE RANGE OF TYPES AND CAPACITIES TO FIT YOUR NEEDS

TRUCK MOUNTED OR POWER TAKE-OFF. Your choice of engine powered or power take-off models to suit your needs and equipment.

BIG OUTPUT RANGE. John Bean sprayers deliver from 4 to 60 gallons per minute at 10 to 800 pounds pressure, depending on the model selected.

FIRE PROTECTION. For emergency control of grass or building fires, John Bean high pressure sprayers are ideal stand-by units.
Snowstorms caved in roofs of tractor and compost sheds in New York and New Jersey this winter. Jimmy Nichols, one-armed golfer of Spalding staff, playing exhibitions in the southeast. Leo J. Walper, constructing "Parhaven" golf range between Pinehurst and Southern Pines, N.C. Range operators reporting that putting courses are getting heavy play.

Robert Bruce Harris, Chicago golf architect, remodeling North Hills CC (Milwaukee dist.). Pro-gkpr. George Calderwood supervising the work. Harris starting work on new Standard CC course, Louisville, Ky., this spring. To be championship layout. When Standard club moves to its new location its present course will be taken over by Veterans' Administration. Ground also will be broken this spring for Harris course with 9 holes in Minnesota and other 9 across Red river in North Dakota. R. J. Hughes, Wahpeton, N.D., heads that club.

Henry P. Cowen re-elected pres., MacGregor Golf, Inc. at recent directors' meeting. Stanley Clark, former sec., was elected vp.; William A. Koegel was elected a vp.; Walter E. Gaver, treas., and Anthony G. Koegel, sec.

C. L. Hornung, owner, Pro Golf Sales Co., after making southern swing from Florida to Texas, inclusive, says bad weather has

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Get the JUMP on WEEDS This Spring!

YOUR DEALER HAS

WEEDANOL BRAND

2:4-D Lawn Weed Killers

"A type for every need
-A need for every type"

ASK HIM!

Manufactured by

ASSOCIATED CHEMISTS, INC.

NORTH COLLINS, NEW YORK

March, 1948
Washes balls quickly and easily. Harmless to paint. Contains no harmful chemicals or abrasives. Place a trial order now, and let results speak for themselves. Order immediately to be assured of early delivery.

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) **


Charley Mayo, Hackensack CC, Oradell, N.J., elected pres., PGA Seniors. George Norrie, Idle Hour CC, Macon, Ga., retiring pres., made hon. pres. Charles Lorms, Columbus (O.) CC elected first vp.; Mike Brady, Haverhill, Mass., second vp., and Eddie Williams (Louisville, Ky.) CC, re-elected sec.

Fred Corcoran to take over the late William D. Richardson’s job as editor of A. S. Barnes & Co. annual golf guide.
Hardie Golf Sprayers are readily adaptable to many different requirements. Available in many sizes and models, they squarely meet every operating requirement and budget necessity. A Hardie High Pressure Sprayer affords the most economical means of applying weed control, liquid fertilizer, brown patch control and spraying trees, shrubs and water painting buildings and fences. The illustration shows a Hardie Golf Sprayer with weed spray boom mounted in front of the light truck. Write for the Hardie 1948 Catalog showing modern spray equipment for golf course maintenance.

The Hardie Mfg. Company
C. W. Lewis & Son, Ltd.  Grimsby, Ont.  Canada
Export Dept.  Detroit 26

Modie, pro at Atlanta (Ga.) Highlands CC, died late in January after returning to Atlanta from a Florida trip during which he was stricken... Modie had been pro at James L. Key muny course at Atlanta prior to going to Highlands.

Thomas L. McNamara, 35, died late in January at Mt. Vernon (N.Y.) hospital after being stricken with a heart attack while at work as salesman for Wilson Sporting Goods Co. ... Young Tom is survived by his widow and three children... His dad, one of the first of the great homebreds, also died of a heart attack... Young Tom, like his father, was a quiet, helpful and beloved fellow who knew a lot about golf... He is mourned by everyone who knew him... The sudden passing of this fine young man is a tough one on all of us who saw in him a bright reflection of his estimable father.

James E. (Sonny) Fraser, who a decade ago was one of the best amateurs of the country, was named co-winner with Lou Brisse, Purple Heart baseball rookie, of Philadelphia Sports Writers’ “most courageous athlete of the year” award... Sonny got his award for his battle against Hodgkin’s disease... He’s a brother of Leo, pres., Atlantic City (N.J.) CC... Willie Maguire, ailing at his home in Houston, given plaque by PGA in appreciation of his services to professional golf... Darrell

March, 1948

CUT GROUNDS COSTS with a
Stanley No. 199 GRASSHEAR

You can use the Stanley Grasshear to cut grass around sand traps, and other places on the course which the hand or power mower won’t reach. It is equally useful for trimming flower beds, shrubbery, walks around the clubhouse. Guard gives operator full protection. Light and well-balanced. Adjustable to individual height. Operates from portable generator or current outlet — AC or DC, 110 volts. Send for folder. Stanley Electric Tools, 483 Myrtle Street, New Britain, Conn.

THE GREATEST NAME IN TOOLS

HARDWARE - HAND TOOLS - ELECTRIC TOOLS
VELVET SMOOTH TURF

HYPER-HUMUS

is first aid in making THICK SMOOTH GREENS BETTER FAIRWAYS

Used regularly on many of the finest courses in the country. It will benefit yours. Greenkeepers and Greens Chairman are invited to write for full information and help in solving soil problems.

Genuine HYPER-HUMUS is:

- Aerated and cultivated to encourage desirable soil. Puts new life into dead soil.
- Uniform in quality.
- Free from weed seeds and insect larvae.
- Supplies beneficial bacteria.
- Holds and regulates moisture.
- 85% to 90% pure organic matter.
- Easy to apply.

Write us about quotations and deliveries. Let us help you with any special problem.

HYPER-HUMUS CO.

Box G Newton, N. J.

Napier, pro at CC of Virginia, succeeding Bobby Cruickshank. Cruicky is considering several offers where season will not conflict with his de luxe winter spot at Gulf Stream.

Jack Jolly sends us a copy of St. Andrews Citizen containing a column and a third obituary of Laurie Aucteronie who died Jan. 20 at St. Andrews at age of 80. Laurie won the 1902 U. S. National Open and the Western Open in 1901. He developed several men and women American amateur champions. He returned to St. Andrews in 1911. When he was 67 he equalled George Duncan's pro record of 67 on the St. Andrews Old Course. Laurie is survived by his widow, a son and a daughter, and by his brothers, Joseph, 85, Willie and Tom.

Frank Walsh makes excellent use of his film library at Red Run GC (Detroit dist.). He shows films to members when weather is bad. It brings a lot of them out to the club for lunch. American magazine survey of readers shows golf runs next to fishing and baseball as favorite outdoor sport of men readers under 36 and is tied with baseball and hunting in interest of men over 36 with whom fishing is first choice of outdoor sport. Grand Hotel, St. Andrews, sold for $320,000 to Roman Catholic bishops of Scotland for training

GREEN DRAGON

Patent No. 2267843

ALL-PURPOSE CULTIVATOR for Fairways and Greens

Aerates packed soil and permits deeper penetration of fertilizer, top-dressing and water—removes grain from greens turf—easily operated without interruption to play. Weights on tray over axle regulate cutting depth. Circular knives of high grade knife steel.

Now in full production. Prompt deliveries.

Write for price and literature to manufacturer:

BUEL MACHINE CO., Woburn, Mass.

USGA issuing embossed and framed resolutions of thanks to clubs on which USGA national championships are held. In Metropolitan GA 50th anniversary report (for 1947) MGA Green section, Eugene L. Larkin, chmn., says: "Of course your supt. knows most of the answers but there are times when decisions must be made and there should be someone he can consult. Get a good green chairman and keep him."

Ollie Painter is calling attention to Lou Cook, a radio announcer, who broke the amateur competitive record with a 64 at Ollie's San Fernando Valley CC, Woodland Hills, Calif. Cook has a left arm withered by polio in childhood. Exercise has developed strength in lower left arm. This Cook and Ed Furgol explode old theories about the left arm. 26 events already listed on Netherlands golf tournament program for this year. Golf having a great postwar comeback there. The way Flory van Donck, Dutch pro, played in British events last year, shows Netherland golf has class. Naval officer writes Spalding he's been playing with a Spalding hand made and framed resolution of thanks to the club on which the MGA national championship are held.

Scotts Turf STANDS UP UNDER PLAYER TRAFFIC

Year after year Scotts Seed and Golf-Park fertilizer makes better turf for more enjoyable golf. Write for prices and ask about the new Scott Weed-Feed product for healthy weed-free turf.

O. M. Scott & Sons CO.
23 Park Avenue Marysville, Ohio

S E R V I N G T H R O U G H S C I E N C E

Good News for Greenskeepers

Ants, Japanese Beetle Grubs, Cinch Bugs Killed with

SYNKLOR

NEW CHLORDANE INSECTICIDE

SYNKLOR-50 W — a wetable powder containing 50% by weight of Chlordane.

SYNKLOR-48 E — an emulsion containing 48% of technical Chlordane. One quart contains one (1) lb.

Ants — 8 oz. of Synklor-50 W or ½ pint of Synklor-48 E in 25 gallons of water per 1,000 sq. ft. of turf.

Chinch Bugs and Japanese Beetle Grubs — twenty pounds of Synklor-50 W applied as a dust per acre or 2½ gallons of Synklor-48 E in 100 gallons of water per acre.

UNITED STATES RUBBER COMPANY

Agricultural Chemical Division
1230 Rockefeller Center New York 20, N.Y.

March, 1948
Turf-Maker mixtures are adapted to local conditions — composed of the finest grasses available.

To HELP YOU — Woodruff's Turf Specialists are always available for consultation on your Turf problem. No obligation.

For smooth running you can't beat the

**Clemson E-17 Lawn Machine**

It's built 7 ways better — to cut smoother, last longer . . . to cost less in the long run.
1. **Cutting Height** set with fingertip adjustment pins.
2. **Shear Adjustment** with two wing screws gives perfect alignment of reel to bed-knife.
3. **Handle Suspension** eliminates bobbing on bumpy ground.
4. **Rigid bed-knife** is an integral part of frame.
5. **Roller Can’t Split or Warp.** Molded plastic, three-section design makes turning easier, ends scuffing of sod.
6. **Easier to Push and Carry.** Full 17-in. cut, yet weighs only 29 pounds.
7. **Quick disassembly and reassembly** in a matter of minutes with the simplest of tools.

Sold exclusively through wholesale distributors to retail channels by the makers of world-famous Star Hack Saw Blades, Frames, and Band Saw Blades.

**Clemson Bros., Inc.**
Middletown, N.Y. U.S.A.

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**ATTENTION GREENKEEPERS!**

At last — a 100% soluble liquid fertilizer that will help you keep those greens and fairways in better shape, with less work, the year around.

Yes sir, "Na-Churs" Liquid Fertilizer is based on a recommended formula as developed by The Ohio State University, and it contains the proper nutrients necessary for producing and maintaining greener, thicker, healthier turf.

"Na-Churs" is easy to apply; saves time, money and labor, and can be applied with your present equipment. Leading golf courses, the country over, are using this proven liquid fertilizer. Write Dept. E today for full information and introductory offer.

**“NA-CHURS” PLANT FOOD COMPANY**
Marion, Ohio
GSA CONVENTION NOTES

Grand job the Michigan and Border Cities Golf Course Supts.' Assn. did in putting on the GSA convention and exhibition.

Ward Cornwell, Lochmoor CC, was genl. chmn. of the M&BC committee. Clarence Wolfram, Maple Lane GC, and W. Bruce Matthews, Green Ridge, were asst. chmn. and David Kennedy, sec. Sub-committees were headed by William Smith, Ford Goodrich, George Frieskorn and William Phillipson.

Ford plant tour, ladies affairs and a night club party in Canada were features of the entertainment program.

Added attractions and stars of the Canadian evening were the 7-year-old twin daughters of the John Darrahs. Penny and Shirley in a song and dance routine showed decided talent and charm that may be heading them for Hollywood and an income that beats greenkeeping.

Exhibition space was a complete sell-out. Sales were good and hot inquiries were numerous. Clubs are going in for stocking up with new equipment and materials.

Detroit District GA Green Section committee at its booth distributed copies of its interesting 1947 annual report. One of the features of it was a discussion between greenkeepers and tournament players on tournament turf conditions.
Demonstration Programs Feature Club Managers' Annual Meeting

Club Managers Assn. of America's 20th annual convention to be held at Minneapolis, March 14-17 will be featured by one of the most extensive demonstration programs presented at the managers' annual session. The Upper Midwest chapter of the association which is host to the event, has arranged a program that begins with a choice of churches to attend the morning of the opening Sunday and concluding with the annual formal banquet and dance at Radisson hotel, St. Patrick's day evening.

Affairs will be held for managers at the Minneapolis club, Minikahda club, General Mills, Pillsbury Mills, University of Minnesota Campus club, Minneapolis AC, Lowell Inn, Dayton Co. Sky Room and the Women's Club of Minneapolis in addition to the affairs to be held at the Radisson. The smorgasbord to be put on March 15 evening at the famed Minikahda club where Richard Hirmke is manager is something to which studious managers are looking forward with keen interest. The smorgasbord slant version of the buffet meal puts a class and novelty aspect to this type of service. The Scandinavian influence in Minneapolis, the genius of Hirmke, the chef and the rest of the Minikahda club's staff in making this sort of service a factor in Minikahda's nation-wide reputation make the affair one to be studied as well as enjoyed.

Adequate Water Service Pays!

There's a dependable Myers Water System that will supply plenty of water at low cost for your needs—for watering fairways and greens; spraying weeds; for locker and shower rooms, complete water service in clubhouse and other buildings. See your Myers dealer and inspect the wide range of Ejecto and Plunger Types. Capacities up to 4500 gallons per hour; pressures up to 250 pounds. Write for catalog.