

Maynard G. (Scotty) Fessenden, pres., Western G.A., reports . . . Western begins its 50th year with biggest membership in its history . . . Member club increase in 1948 was 41% over 1947 . . . Individual memberships up 16.4% . . . Western Open to be player at Kellar, St. Paul, June 16-19. . . . Western Amateur at Bellerive, St. Louis, week of Sept. 19.

Detroit District GA 1948 annual report shows following figures for 22 18-hole member clubs . . . Fairway acreage, 1414 . . . Greens acreage 116 . . . High course budget \$36,000 . . . Low course budget \$12,000 . . . Average course budget, \$22,700 . . . Total course maintenance of the 22 clubs in 1948, \$500,619.

Feelers are being put out from Japan and the U. S. on having Jap golfers make some of the American tournaments. . . . Probably too early for that while the memories of the Bataan and Marine survivors are still painful. . . . Wait until we all have forgotten our kids who were tortured and butchered and then invite the Japs over to enjoy the loving, forgiving embraces of Christian sportsmen and American prize money. . . That time will come soon enough.

George S. May puts some new ideas into effect at Tam o' Shanter this year . . . First; no more committees except women's golf committee . . . Activities of the club now entirely in hands of directors and executive personnel . . . Increasing caddy fees to attract older boys . . . Caddies between 14 and 16 hired only if they have work certificates signed by parents . . . Waitresses now writing on back of food tickets exact time order was placed . . . Elapsed time between filing and filling of food order printed on food tickets by Calculagraph by food checker.

Wonder what congressional minimum wage legislation will do to caddy fees? . . . Dave Downey, veteran club manager, retires from Springfield (Mass.) Memorial muny club because of ill health . . . Des Moines (Ia.) Register sports section has illustrated piece on comedy golf outfit of Frank Donovan, Clover Hills CG pro . . Willis Foland, formerly at North Shore CC and Tam O' Shanter CC (both Chicago dist.) now is asst. to Harold Sargent, East Lake CG, Atlanta, Ga, pro.

Gray's Harbor G&CC, Aberdeen, Wash., pro shop and equipment destroyed in \$40,000 fire . . . Del Rio CC, San Antonio, Tex., in new clubhouse . . . Maurice Panneton now ingr., Glens Falls (NY₂CC . . . Dayton GC, Aurora, Mo., 9 hole course, closed since 1941, reopens this spring under management of Herbert Welch . . . The course was designed by Horton Smith.

Willowick fee course (Cleveland dist.) formerly managed by late Capt Chas. Clarke, leased to Grange, Jr., Art and Gordon Alves, sons of late Grange Alves, Sr., widely known pro . . . Grange, Jr., also operated Willoughby course in Cleveland district . . Alves' lease contingent on possible sale of property for subdividing.

Joe Novak given big testimonial dinner by members of Bel-Air club where he's been pro for 21 years, and by Southern California newspapermen and golf officials . . . gave its newly elected pres. of PGA a watch as expression of its high regard for "A great and genial fellow."

Country club proposed on 200 acre Jacob Graves estate near Lexington, Ky. . . . Tommy Wright, new pro at Ridgefield CG, Kingsport, Tenn. . . Always plenty of stories about golf clubhouses burning but seldom a yarn about a course burning. . . . However, Cushing (Okla.) CC 9 hole course burned late last year in high-flamed blaze destroying all trees and fences but being checked at the clubhouse.

Sherwood-at-Natick (Mass.) CC clubhouse damaged by \$20,000 fire. . . . Same club had \$50,000 fire last August. . . Owensboro (Ky.) CC buys more land and will increase from 9 to 18 holes. . . . Expansion to cost \$55,000. . . . State buys Montana State U course at Missoula, for \$30,000. . . . Annandale (Minn.) CC new 9-hole course to open this spring.

Jimmy Johnson conducting winter school at 210 State St., Detroit. . . Eldon Biggs is new pro at Saginaw (Mich.) CC, succeeding Don Soper. . . Lou Powers, Michigan PGA publicity chmn., keeping papers supplied with notes of Michigan pros on tournament cir-



By utilizing MILORGANITE—natural organic fertilizer—as a carrier for grass seed, mixing the two together in properly balanced ratio (about 5 lbs. of seed to 40 lbs. of MILORGANITE under average conditions)—you can seed and fertilize, all in one operation.

Aside from the saving in time and labor that this represents, it also insures more uniform distribution of seed. The MILORGANITE gives grass an earlier, healthier start, and sus-

tains growth throughout the season.

MILORGANITE is also the best carrier for applying 2,4-D, DDT, chlordane, etc., for controlling weeds, grubs, chinch bugs, ants and other pests.

Best

Write to our Turf Service Bureau for detailed data pertaining to this newest method of Turf Maintenance, For best results, fertilize with MILORGANITE.

THE SEWERAGE COMMISSION
MILWAUKEE • WISCONSIN

cuit and in southern jobs and vacations. . . . Quite a Michigan PGA delegation wintering at Sarasota Bay (Fla.) CC where Clyde Kelly is pro and Hal Whittington, asst. . . . Among the other Michiganders at Sarasota Bay are Eddie Kirk, Bill Wright, Ernie Sabaragic and Don Soper.

Jim Fogerty, vp of Eastern Mo. PGA sends a schedule of the section's events that assures a lot of golf interest and pro publicity. . . . Calendar starts with a dinner March 3 at which club presidents, press, radio and television men will be pro guests. . . . Propresident, pro-ladies, pro-seniors, pro-junior (with each pro playing with 3 of his juniors), caddy championships at each club and a big pro-am event are on the Eastern Missouri PGA 1949 docket. . . Section-wide blind bogeys in spring and fall in which the pros put up \$500 in merchandise prizes will bring in \$1500 profit which the pros will spend in supplying golf equipment to veterans' hospital at Jefferson Barracks.

Eastern Mizzou pros this year also will begin competition for what's probably the costliest sectional pro championship perpetual trophy. . . . It's a \$1000 trophy Fred Evans

John 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.

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 near by John Bean Dealer,

JOHN BEAN

Division of Food Machinery and Chemical Corporation

LANSING 4, f



MICHIGAN

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.



NO FUSS, NO MUSS NO WASTE, NO ODOR

The player's favorite The Greenkeeper's choice

Save money with Liquid Lustre, because you need so little, and it lasts so long. One tablespoonful per ball washer every two or three days is all you need. Just add water when it gets low.

\$3.25 per gal. in 5 gal. cans \$3.50 per gal.

D.B.A. Products Co.

Dept. GD3

Deerfield, ill.

has presented. . . . Each year's winner and runner-up will get silver platters. . . . The championship will be played at 36 holes with 18 played Sunday afternoon May 15 and the final 18 the next Sunday at Norwood CC. . . . An open match play event, four promembers' tournaments, a pro-assistants and a pro-green chairman tournament are among

other Eastern Missouri events for the year.

. . . Prize list is fat.

Charley Harter, pro at Hillcrest CC, (Indianapolis, Ind.) resigning March 1 to accept new job. . . . Tommy Vaughn of nearby Pleasant Run GC to take over Harter's job. . . . Vaughn broke into golf teaching ranks as asst. pro at Pleasant Run and moved to South Grove (Indianapolis dist.) as pro in 1937, returning to PR in 1938 as pro.

Noel Epperson, 15 years pro at Wawasee GC, Syracuse, Ind., new pro at Broadmoor CC, Indianapolis. . . . Epperson succeeds late Geo. Soutar who was pro at Broadmoor for 25 years until his death last Oct. . . . Harold H. Wolcott, recently of Pick Hotel, Baton

Nine states don't list 1948 junior boy champions. . . Probably failure to report

MORE than a "one-job" sprayer!

You can spray anything anyway you want to with a Hardie Golf Sprayer. Every Hardie embodies the ability to apply a variety of materials in a variety of ways. Hardie special booms and guns, and conversion devices, give a wide range of performance to the Hardie for

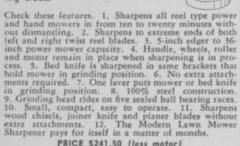
both high and low pressure spraying of greens, fairways, trees, shrubs, buildings. Write for catalog. The Hardie Mfg. Company, Hudson, Mich., Los Angeles, Calif., Portland, Oregon. Clarence W. Lewis & Son, Ltd., Grimsby, Ont., Export Dept., Detroit 26, Mich.



MODERN MOWER SHARPENER

- Increase Productivity
- * Speed-up Maintenance DELIVERY NOW!

12 reasons why THE MODERN LAWN MOWER SHARPENER is being used as standard equipment at leading clubs.



PRICE S241.50 (less motor)

1/3 H.P. MOTORS — 60 CYCLE — \$21,50

Send for Free Bulletin No. 16A

MODERN MANUFACTURING COMPANY 160 N. FAIR OAKS AVE. - PASADENA 1, CALIF. accounts for some omissions as states not naming kid titleholders are California, Idaho, Kansas, Michigan. Montana, Ohio, Pennsylvania, South Dakota, Vermont. . . No list of state girl junior champions is compiled. . . . PGA junior promotion campaign headed by George Lake calls for more accent on girls' golf. . . . Too many of those beautiful little girls who play golf in their teens don't graduate into the star class. . . Love's awakening distracts them.

Bob Hudson is nursing the idea to promote a tremendous international tournament to be held in U. S. . . . Bob wants pros, amateurs and sports writers to come from all golfing countries. . . He aspires to make it a great friendly session of the world's top golfers to remind everybody fun is more desirable than war. . . . The idea's still in formative stage. . . . With the multi-millionaire Portland grocery boy putting same genius, effort and money he's devoted to his other highly successful golf promotes Bob may give golf an event unparalleled in sports except by Olympic games.

Lloyd Mangrum has made four aces. . . . PGA championships set thru 1951. . . Eddie Duino, San Jose (Calif.) CC pro, estimates he has given 34,000 lessons during his 17 years as pro. . . . Wonder what pro has given most lessons during his career?

British Golf Ball Manufacturers' conference



PREPARE YOUR TOP DRESSING with a ROYER

When preparing top dressing for your greens, use a Royer Compost Shredder-Mixer. Shovel all the necessary ingredients into the hopper and the Royer will blend them perfectly . . . culling out sticks, lumps, stones and other trash, automatically . . . and discharging directly into truck or barrow. You'll be surprised at the time you save . . . and the high quality of material. Royers available in many sizes. The Model K shown here handles 3-6 cubic yards per hour. Write for Bulletin 46.





in determining national distribution plan for limited supply of golf balls considers pros have priority right over other sales outlets. . . . Hillcrest CC (Kansas City dist.) magazine tells how Wolf Rimann, present mgr., when pro of the club in 1934, bought club stock, took charge of club operations and put on a solid basis a club that was about ready to fold. . . Riman's work at Hillcrest has been a stand-out performance by a real pro businessman.

We have a hunch that someday young Jackson Bradley is going to catch fire. . . . He's an in-and-outer now but when he's playing "in" he looks as good as any of them. . . . Spalding ball with which Willie Turnesa won 1948 National Amateur and which brought \$1000 from Udo Reinach for Memphis Cancer Fund drive promoted by George Treadwell, will go into USGA museum.

Dick Metz is best big game hunter among pros. . . . United Fruit Co. employees to construct course in Central America. . . . Henry Cotton's motion pictures of 1948 British Open with his running comment and his golf "information please" program on his tours make a top evening's entertainment. . . . Plenty of money for American pros in evening golf program of that type,

Congratulations to Canadian PGA on its attractive and informative year book and its monthly "Chip Shots" official bulletin

How You can Have SMOOTHER GREENS, THICKER TURF THIS YEAR

Specify the use of HYPER-HUMUS in preparing and reconditioning all greens. Applied according to formula it will improve any type of soil, show immediate results, and benefits will last up to 20 years.

Genuine HYPER-HUMUS

- 1. Is cultivated and processed
- 2. Will help control brown patch
- 3. Regulates moisture and air
- 4. Is teeming with essential soil bacteria
- 5. Has no weed seeds, insect larvae

HYPER-HUMUS CO. BOX G. NEWTON, N. J.





Write us for helpful Free Literature. If your dealer can't supply HYPER-HUMUS order direct.

CUT YOUR FLAG REPLACEMENT COSTS



EXTRA-

Bulldog flags are made to give you long, economical wear, save you money on flag replacements. These are the extrastrength flags that are U.S. government standard for flag quality. And they're as beautiful as they are long wearingwith brilliant true colors guaranteed fast to sun and rain.

There are Bulldag flags for every club use, Ask your local dealer or write direct for information.



AG CO., INC.

DEPT. G Oaks (Montgomery Co.), Pa.

U. S. FLAGS * CLUBHOUSE BURGEES GOLF MARKERS * COURSE DIRECTION FLAGS

which keeps Canadian pros completely informed on association and member activities. . . . Latest CPGA Year Book tells a Canadian golf club ante-dated the first US golf club by 14 years. . . . One error we noted in the CPGA records was listing of "Joe" rather than George Fazio as 1946 Canadian Open

Interesting article by Donald Harradine on upkeep of Switzerland's 6 18-hole and 9 9-hole courses, in Vol. 7, No. 24 of British Journal of the Board of Greenkeeping Research. . . . Switzerland's highest course is Arosa, 9000 ft. above sea level. . . . Two members of Scientific Advisory committee of British Board of Greenkeeping Research were on New Year Honor List. . . . Dr. Ogg received a knighthood and Major Horton-Fawkes, the OBE.

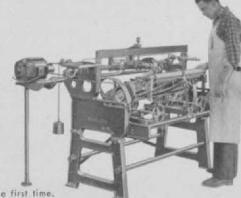
A point that hasn't been brought out enough in golf playing equipment selling by pros, is covered in the Wilson Sporting Goods Co. "Memo." . . . Golf equipment selling price increase since 1942 has been far less than increase in costs of food, wearing apparel and home furnishings. . . . Improved manufacturing methods have kept golf club and ball cost increase lower than that of any other extensively used sports goods. . . . We haven't seen much by club officials and managers showing how club membership charges also have been behind general increase in prices.

Here's A MOWER SHARPENER —That Gives A Keen **Cutting Edge Every Time**

The Peerless Sharpener has a fast-cutting grinding wheel . . . puts a keen cutting

edge on any mower blade—and does it right the first time. Peerless-sharpened mowers keep greens, fairways and lawns looking sharp, well-groomed. A "once-over" is all that's needed. Grass is cut in half the time with less power when mower blades are ground evenly and smoothly—the Peerless way.

Peerless Sharpeners are rugged and precision-made. They're built for long, trouble-free service and backed by a company well known for its long skill in designing grinding tools of many kinds. Write today for complete information.



The PEERLESS Sharpener THE POPULAR CHOICE **SINCE 1916**

The FATE-ROOT-HEATH COMPANY Plymouth, Ohio



The severe months of winter have left their destructive marks on your greens and fairways. With Spring rapidly approaching, the time for planning turf rejuvenation is at hand.

GEORGE A. DAVIS, Inc.

Detroit District GA and Pacific Northwest GA have affiliated with Western GA in extending Western's national caddie program and Evans Scholars' Foundation plan. . . . Detroit District scholarships to honor James D. Standish, jr., as "man most responsible for betterment of golf in Detroit area."

Bill Waite memorial invitation, a partner's best ball annual event which brings top amateurs to Shawnee-on Delaware, Pa., will be played this year Sept. 9-11. . . . Ellie Vines tells Nelson Cullenward of San Francisco Call-Bulletin that tournament golf is tougher than football, basketball, baseball or tennis. . . Eric Ball, Oak Park (III.) CC pro, visited his parents in England. . . . His father, Harry, is pro at Lancaster (Eng.) CC.

Ollie Painter, veteran golf writer, batting out a fine golf column for Hollywood (Calif.) Citizen-News. . . . Another elder of the congregation, D. Scott Chisholm, was around the Greenkeepers convention at Los Angeles, looking better than he has for years. . . . Scotty's operation for cataracts was a complete success.

Metropolitan GA (New York city dist.) in annual report for 1948 showed 139 member clubs, 2923 handicap cards issued and 1140 entries in its tournaments. . . . MGA annual Turf tournament at 68 clubs raised \$5142.60 for MGA Green section expenses. . . Lot of northern clubs had driving nets in clubhouse for winter use of members. . . . Chet

KILL Weeds At The Roots!



Write for literature explaining these tested DOLGE products fully and giving specific directions for their use.

DOLGE SS WEED-KILLER

Goes to the root of your weed problem. Use in economical solution where no vegetation whatever is desired. Sterilizes the soil so windblown seeds cannot normally sprout in it. Penetrates to the roots — and KILLS! This modern chemical weeding saves money and hours of backbreaking labor.

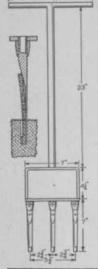
E.W.T. SELECTIVE WEED-KILLER (2-4-D)

Works down thoroughly to the roots of brush, dandelions, plantains, poison ivy, ragweed, sumac and other plant pests, but will not kill most turf grasses. Best used for maintaining beauty of lawns and fairways.

The C. B. DOLGE CO.

WESTPORT, CONNECTICUT





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.

For Your Nearest Dealer Contact

DAVE W. JUSTICE 501 S. W. 44th St. Oklahoma City, Okla.

Improve old greens without rebuilding.

Coleman and Walter Keller now have Paul Mangrum with them at Sunset Fields driving range in LA.

Condolences to Joe Novak, PGA pres., whose mother died Feb. 18 at Butte, Mont., at the age of 73 at the home of a daughter.

Jack Level, Elmhurst, LI, NY, discontinuing his Golf Book Service. . . . Jack has a lot of old and new golf books he's clearing out. . . Eddie Duino fixing up program as chmn. PGA educational committee which he hopes can be coordinated on a national basis for business development of pros and assistants. . . At Hawaiian Open was a sign ruling "All contestants must wear shoes." . . . Dewey Longworth heads Northern California PGA committee for coordinating junior tournaments and arranging schedules of tournaments for kid at various clubs.

Prentice-Hall, Inc., NY, to publish book by Gene Sarazen on tournaments and personalities of his 40 years in golf. . . . Masters tournament at Augusta, Ga., April 7-10, has 93 on invitation list. James Bolton from Seaview GC, signed as gkpr., Brookside CC, Canton, O. . . . British Open increases prize money from approximately \$4000 to \$6000. . . . First prize to be \$1200 instead of \$600. . . . New book, Turf by I. G. Lewis, published by Faber and Faber, Ltd., London, Eng. at 12 s. 6 d.

Marshall Farnham, supt., Philadelphia CG, named to USGA Editorial board on forth-

Woodruff has the answer to your problem

Generations of turf superintendents have turned to Woodruff for the answer to any puzzling lawn or turf problems. They know Woodruff has the answer, and has the seed. We'd like to be of service to you.

LAWN SEED DIVISION

F.H.WOODRUFF

TOLEDO
ATLANTA
BELLEROSE, L. I.
AND SONS, INC.
MILFORD, CONN.
SEED GROWERS
MERCEDES, TEX.
SACRAMENTO





coming golf turf book, replacing A. L. Brandon who retired as executive sec.-treas, of National Greenkeeping Supts. Assn. because of poor health. . . . Dick Shoemaker goes from Alcoma GC (Pittsburgh dist.) as pro of Beechmont CC, Cleveland, O., where Dick succeeds late Alex Ogilivie. . . Smethport (Pa.) CC clubbouse burned last Dec. being replaced. . . New clubhouse serving 300 members in heart of Pennsylvania high quality petroleum field, designed by James Mc-Elhatten, to be completed in June this year.

Babe Didrikson Zaharias Columbia Pictures' Sportsreel picture now being shown around the country and getting O.K. from golfing and non-golfing viewers. . . . Hector Thomson, winner of 1931 British Boys' and 1936 British Amateur championships, now a British PGA member. . . . First "half way station" for drinks on a golf course was established at tenth tee of St. Andrews Old Course about 1890 by David (Auld Daw) Anderson. . . . He sold only milk and ginger beer.

Edmundo Salas doing a grand job in editing and publishing El Golfista Mexicano, official publication of the Asociacion Mexicana de Profesionales de Golf. . . . The Mexican pros dedicated February number of their interesting illustrated magazine to the republica's president, Miguel Aleman. . . . Pres. Aleman is an enthusiastic golfer who goes

Protect Greens, Shrubbery, Trees SPRAY the IRON AGE WAY

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 4gallons-per-minute pump, 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.



SEND FOR FREE BULLETIN

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



TABLE PLANTERS - TRANSPLANTERS TERS - POTATO DIGGERS - WEEDERS READERS - CONVEYORS - MICE PRESSES

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

around in the mid-80s when his duties give him a chance to play. . . . He and his cabinet are booming golf in Mexico. . . . Mexican Open, won by 22-year-old Texan, Tony Holguin, pro at Guadalajara, showed field which included Demaret, Mangrum, Snead and other established American stars, that Mexico has highly promising native talent. . . The veteran Al Espinosa didn't do at all bad playing in his first competition in many years. . . . Holguin got \$2000 first prize money with 201 for the 54 hole event at Mexico City. . . . Al got \$50 for tenth place.

Norman Von Nida says it cost him the equivalent of \$8000 expenses for his short season of British competition last year. . . . Meadowlark CC, Great Falls, Mont., spending \$250,000 in course and clubhouse improvements, including new pro shop for Ralph Meyers. . . Art Craig begins his 23rd year as mgr., Alderwood CC, Portland, Ore. . . . Alderwood has had 63 aces made on it in the club's 25 years.

Carnoustic Golf club now in its 107th year. . . . The club has been the nursery of 208 professionals who have won about every national title except the British Open. . . . Esquire magazine's April issue contains an interesting 12 page guide to "good golfing." It includes Leaves from the Pro's Notebook, and the Five Cardinal Sins as instruction material, an illustrated piece on Pine Valley.

Latest Research advises-

MORE CREEPING RED FESCUE FOR TURF

Specify Illahee

The FESCUE that lives compatably with other grasses.

Does not isolate—Deep rooting—Disease resistant—Ideal for shade.

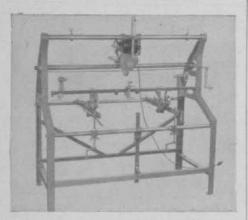
Registered by the Bureau of Plant Industry of the U.S.D.A.

Certified by the State of Oregon.

Other BLUE MOUNTAIN Hardy GRASS SEEDS include: "Olds" and "Rainier" Creeping Red Fescues, Chewings Fescue, Alta Fescue. Astoria, Highland and N.Z. Colonial Bents, Seaside and Velvet Bent.

Grown by H. L. WAGNER & SONS Imbler, Oregon

Marketed by CHAN W. BAKER-SEEDS 277 Broadway, NEW YORK 7, N. Y.



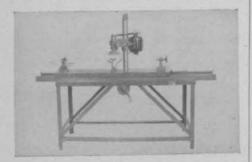
"We have run our Grinder 9 years without a repair part" says a famous Club.

CARPENTER LAWN MOWER GRINDER grinds both reels and bed knives

In its 16th season serving the nation's leading golf clubs, the Carpenter Grinder is a marvel of precision, simplicity and speedy work. Study these features. NO OTHER GRINDER OFFERS SUCH A DESIRABLE COMBINATION OF ADVANTAGES.

- Machine is complete without accessories, no hoist or auxiliary holding device needed.
- 2. The one cradle holds either reel or bed knife.
- Accommodates all sizes of mowers including the largest tractor drawn units.
- 4. Grinds to any desired bevel, following manufacturer's grind.
- 5. Entire setting and operation is without tools.
- No mechanical training or grinding experience needed to operate with 100% results.
- Mechanically RIGHT, extremely rugged. We have plenty of 15-year-old grinders in use today.

BED KNIFE GRINDER



For busy production, use this machine for bed knives and concentrate your Carpenter Grinder on reel work.

Request "BULLETIN No. 43"

GRAHAM MFG. CO. E. Greenwich, R.I.

a Gallery of Golfing Greats, an "Odyssey" on great American courses and what the welldressed golfer will wear.

Jimmy Thompson leaving Vic Baker's pro shop at Lakewood CC, Long Beach, Cal., to move across street to Practice Fairways where he will hang out shingle for instruction only.

. New Zealand family who moved into house adjoining fairway in two years had slicers break 65 roof tiles, smash 39 windows, crack a wall, hit baby on head, and drive into occupied bathroom.

Fred R. Day has returned to San Fernando Valley (Cal.) CC as gkpr. . . . Joe Novak will again serve as UCLA's advisory golf coach this season. . . Paxon Hollow GC. Media. Pa., bought out and reorganized as White Manor CC. . . . Services of all Paxon Hollow employees, including John Beadle, pro for 20 years, have been retained. . . Colonial CC. Jackson, Miss., announced appointments of Col. F. K. Ware as mgr., and Bill Wright as pro. . . . Colonial was recently purchased from original owners by members.

Grier Bovard, Jr., of Roanoke, Va., and Ormond Beach, Fla., succeeds Oscar Haller as mgr. of Charlotte (N. C.) CC. . . . Bovard, graduate of Univ. of Mich., has had 20 years experience in hotel business. . . Seattle Park Board, finding experienced players disconcerted by beginners crowding them off Jef-





KENTUCKY BLUE B-27

ASGROW SEEDS

Main Office: New Haven 2, Conn.

ferson Park course, builds nine-hole layout designed for tyros. . . . New course will consist of holes from 126 to 211 yards. . . . Pro golfers, including John Budd of En-Joie GC, Endicott; Harry Sheppard, Mark Twain GC, Elmira; and Eddie Kuhn, IBM CC, Johnson City, met recently to lay out plans to give lessons to veterans at Bath (N. Y.) VA Center this spring and summer. . . Arrangements for program are being coordinated through American Red Cross, with dist. PGA officials seeking additional volunteer instructors.

O. B. Keeler, Atlanta's golfing dean, recently wrote PGA requesting Harry Vardon Trophy be renamed Walter Charles Hagen Trophy in honor of American who did far more to advance modern pro's fortune than cap-off-to-members Vardon. . . "Every golf pro who receives a salary, wins prize money, enjoys clubhouse recognition without being forced to enter via the kitchen door, plus all the other emoluments attached to golf teaching today, should bow low to Hagen, the man who broke the servant tradition for golf pros."

Atlanta PGA members organizing free golfing clinic for all interested youngsters, four nights a week throughout June. . . Added attraction to be sponsored television show with pros giving instruction. . . Wm. Higgins succeeds Ed. E. Fladoos as mgr. of Racine (Wis.) CC. . . . Fladoos, who managed Racine club for ten years, resigned to become mgr. of Augusta (Ga.) CC and National GC, both located in Augusta dist. . . Richard McGillicuddy new pro at Barre (Vt.) CC. Havre (Mont.) CC sold to local Elks



The New PERRY'S GREENS SPIKER

- . FOR MORE EXTENSIVE TURF ROOT GROWTH
- . FOR MORE EFFICIENT WATER, FERTILIZER USE
- . FOR SOFTER GREENS WITHOUT OVER-WATERING

Cross-section view shows how Perry's Greens Spiker opens-up and aerifies compact soil.



Here's fast, safe correction for many of the costly maintenance evils resulting from compact soil conditions

Perry's Greens Spiker will loosen your compact soil areas at the rate of 144 spike-holes to every four square feet of surface. Adjustable by weights to depth of penetration desired. Tractor drawn, it makes short work of greens and fairway aerifying without turf injury.

Permits deeper penetration for water, fertilizers, and soil conditioners; encourages deeper, healthier root development; corrects layering and wasteful water shedding on hard spots and slopes; conditions greens to hold approach shots without over-watering.

Patents pending

For complete information write

PERRY'S GREENS SPIKER

"AGRICO SOLVED OUR GREENS PROBLEM"



Says HOLLIS A. CURTIS (above), of Barre, Vt. Country Club

"SINCE Fall 1946 we have been using AGRICO COUNTRY CLUB FERTI-LIZER regularly on greens, tees and fairways," writes Hollis A. Curtis, Greenkeeper for 16 years at Barre, Vt. Country Club. "Before using Agrico, we had about 35% winter kill on our greens, due to severe winters. Our greens also dried up in midsummer and would not respond to any amount of water. Since using Agrico, results have been startling! During Summer 1947, a very dry season, we had no drying up of greens. In Spring 1948 for the first time in 16 years we had 3 greens come through without any winter kill, and damage to others was slight, Our Agrico-grown greens now have nearly 3 TIMES the thickness of the turf two years ago."

Remember, Agrico is specially made to feed golf-course turf and feed it right. Order from your regular supplier, phone nearest A.A.C. Sales Office, or write now to The AMERICAN

AGRICULTURAL CHEMICAL Co., 50 Church St., New York 7, N. Y.

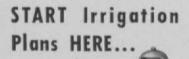


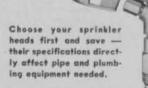
group who plan on spending \$75,000 improving course and clubhouse.

Purses of \$255,200 in 15 tourneys will serve as incentive for golf's touring pros throughout summer. . . . Each will carry minimum purse of \$15,000 with exception of US Open and Canadian Open, each of which will be played for \$10,000 and accompanying prestige. . . . Most attractive from monetary standpoint will be PGA Championship at Hermitage CC, Richmond, Va., with guarantee of \$30,000, and World's Championship at Tam O'Shanter CC, Niles, Ill., a \$35,200 at-traction which follows \$20,000 All-American tourney held at same course. . . . One new tourney on PGA summer schedule is \$15,000 Grand Rapids, Mich. Open Invitational at Cascade Hills CC. . . . Goodall Round Robin Invitational and Inverness Round Robin four-Ball Invitational have boosted prizes to \$15,-000 this year over previous purses of \$10,-

Jimmy Vaughn succeeds brother Tommy as pro at Pleasant Run CC, Indianapolis, Ind. . . . According to Pat Markovich, many clubs in Cal. waste an average of \$3,500 yearly in labor and upkeep of elevated tees, deep sand traps and elevated greens.

Two Milwaukee boys, Dick Dzioba and Art Ortlieb, are new owners of Rivermoor CC, Waterford, Wis, . . . Dzioba, driving range operator for past three years, will be





 Courses all over the country have chosen RAIN BIRD Sprinkler Heads—available in a wide range of models that lets you choose exactly the irrigation needed. By choosing the right RAIN BIRD heads first, you may save a great deal of money on piping. Write for catalog.

L. R. Nelson Mfg. Co., Inc.

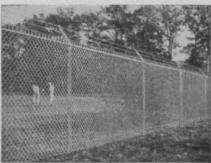
Manufacturers of Laun and Golf Course Sprinkling Equipment • Overbead Irrigation • Since 1911 in active charge, with Joe Houdek as pro shop asst. . . W. Scott Tienken, formerly of Seawane Harbor Club, Hewlett, and Glen Head CC, has taken over managerial duties at Strathmore-Vanderbilt CC, Manhasset, N. Y.

San Antonio (Tex.) CC rebuilding club and golf shop at estimated cost of \$400,000 according to pro, Tod Meneffe. . . . Brae Burn CC, Houston, Tex., putting \$100,000 into club improvements. . . Riverdale GC, Little Rock, Ark., building new clubhouse and swimming pool. . . Lewis Kinnison succeeds Joe M. Johnson, who was forced to retire because of illness, as mgr. of Ft. Scott (Kans.) CC. . . . Charles J. Viviano takes post as pro at Mt. Lebanon (Pa.) GC. . . . Plans approved to build new clubhouse costing \$100,000 for Mohawk Valley CC, Little Falls, N. Y.

Talk among New York and New England pros hoping Novak administration of PGA will take action on limitation of tenure of office for national PGA officials... Criticism is that machine politics have been more attentive to re-election than business administration of the organization... One section points out that Dunedin meeting expense took annual National PGA dues of 24 members for each of its delegates sent... Economy problem suddenly dawns as head ache of PGA with many believing the right solution is within the organization rather than in further calls for outside help....

PAGE FENCE

. AMERICA'S FIRST WIRE FENCE .



Choose the Right Fence

● The right fence for you is made by PAGE, pioneer maker of Chain Link Fence. It can be the one of several styles which is best suited to your needs, and it can be had in a choice of metals. Our nearby Association member will confer with you on the fence you need and submit cost estimates without obligation. Write for illustrated information and we will send his name. Address PAGE FENCE ASSOCIATION, Headquarters. Monessen, Pennsylvania.

A PRODUCT OF PAGE STEEL & WIRE DIVISION AMERICAN CHAIN & CABLE . BRIDGEPORT, CONN. ANTS · BEETLE GRUBS
CHINCH BUGS · EARWIGS
MOLE-CRICKETS

KILLED WITH

SYNKLOR

New Chlordane Insecticide

SYNKLOR-5-D, a dust containing 5% by weight of Chlordane.

SYNKLOR-50-W, a wettable powder containing 50% by weight of Chlordane.

SYNKLOR-48-E, an emulsion containing one (1) lb. of Chlordane per quart.



For selective weed control use Tufor-40, a triethanolamine base 2, 4-D stabilized for hard water. One (1) quart contains one (1) lb. of actual 2, 4-D.

Write for our latest bulletins.



UNITED STATES RUBBER COMPANY

Naugatuck Chemical Division

ROCKEFELLER CENTER

NEW YORK 20, N. Y.



It's New! It's Improved!

At the SAME Low Price!



A GENUINE STRONGMAN PRODUCT

HOT-DIP GALVANIZED

The answer to a club's dream! Strong, lightweight steel pole—extra durable because it's hot-dip galvanized after fabrication. Paint it with your own club colors, or use it plain—this pole ignores rust!

CHECK THESE FEATURES:

- Weighs only 44 ounces
- 20% heavier steel wall
- Absolutely rustproof
- Grommeted flag holes
- Taller for greater visibility
- Rubber-tipped—can't scar greens

MAIL ORDER COUPON

Please send. Strongman Flag Poles @ ... We must be satisfied or money will be refunded without question.

1.95

17.45 (set of 9) 34.50 (set of 18)

F.O.B. Baltimore

F.O.B. Baltimore

5% Discount for Check with Order

Check Enclosed Ship C.O.D.

Ship Now Ship (date).....

CLUB

ADDRESS

ATTN ...

Southern Galvanizing Co. 1600 Bush St. · Balto. 30, Md. Brush-off of the problem by answering "raise the dues, come next year" no longer satisfactory to some sections, . . . Most sections confident new administration will come up soon with right answers and action.

Danny O'Keefe, 32, pro, Ligonier (Pa.) CC, died recently of a heart ailment. . . . This likable and promising young man is survived by his widow and a 3-months-old daughter.

Lot doing in the Pittsburgh sector, says "Lashe" Meyers of the Coleman Golf Corp. . . . Among notes Lashe sent us:

Tony Joy, formerly at Chartiers where Bobby Cruickshank now is pro, goes with Dave McKay at Pittsburgh Field Club. . . . Ray Cerar who was Dick Shoemaker's asst. at Alcoma CC, Wilkinsburg, Pa. Alcoma pro since Dick's gone to Beechmont, Cleveland. . . . Tony Barkovich, turns pro to be Ray's asst. . . Pete O'Hara retired on pension after 26 years at Westmoreland CC, Verona, with Johnny Bulla coming in as pro. . . . Ken Rutherford who's been assisting his dad at State College, Pa., now pro at Indiana (Pa.) CC. . . . Andy Gaspar resigns as Churchill Valley CC, Wilkinsburg, Pa., pro. . . . Leo DiNardo now alone on pro job at Baldoc Hills CC, Irwin, Pa. . . . Angelo Jim Monzo who shared the post with DiNardo, negotiating for purchase of late Danny O'Keefe's driving range at Ligonier.

Bert Gallagher goes as pro to Conestoga

FINE SEED FOR FINE TURF

IT PAYS TO GET THE BEST

GRASS SEED

SELECT VARIETIES - MIXTURES

KENTUCKY BLUE GRASS

CHEWINGS FESCUE

FANCY RED TOP

ASTORIA BENT

PERENNIAL RYE GRASS

.....

SEASIDE BENT

DOMESTIC RYE GRASS

WHITE CLOVER ' ORCHARD GRASS

Plan your needs now. Ask for Prices

J. OLIVER JOHNSON SEED CO.

946-960 W. HURON STREET CHICAGO 22, ILL.

Phone: MOnroe 6-6580

CC. Lancaster. Pa. . . . Jimmy Bruno, formerly asst. to Dave McKay, Pittsburgh Field club, has bought, with partner George Sellek, Bostonia CC, New Bethlehem, Pa. . . . Herb Heinlein, pro, Old Fort CC, Indiana, Pa., has leased club from American Legion.

Walt Phillips, Butler's GC, Beuna Vista, Pa., and Dick Kline, Ebensburg (Pa.) CC, both coming along in pretty fair shape after being badly battered in auto accidents. . . . They'll both return to their pro jobs this spring. . . . Alex Holtz leaving pro spot at Greenville (Pa.) CC to take over Tracy Dale pitch-and-putt course and range at Erie, Pa.

Big delegation of Pittsburgh district pros in south this winter but coming home ahead of first robin. . . . Lashe Meyers says he doesn't see why any of the boys should be scared by talk about the honeymoon being over and business going to be harder to get in pro shops this year. . . He thinks pro business methods have improved even more than pro scoring and the smart boys still will be able to register good scores on the ledger.

Dick Govern goes to rejuvenated Vestal Hills CC, Binghamton, N. Y., as pro from Skancatles (N. Y.) CC. . . . Dick's now a married man and his bride will learn soon that there's no such a thing as a regular time for Hubby's dinner at home while it's still light enough to be on the lesson tee

FILLING A LONG FELT NEED!



BEST BECAUSE:

* Most Easily Seen!

* Leaves No Dead Grass Spots!

* Indestructible!

ARROW & NUMBER

Choice of Solid or Combination RED — WHITE or BLUE





VIGORO*!



have better greens and fairways!
establish a more favorable reputation for your club!

It's much less complicated to keep your course in good condition when you feed with Vigoro. And it's good business, too. That's because golfers enjoy playing and walking on firm turf...putting on even, velvety greens. So feed Vigoro, complete, balanced plant food. It provides all the vital food elements grass must get from the soil. The results—an improved golf course... more golfers... more business. Order your supply of Vigoro today.

*VIGORO is the trade-mark for Swift & Company's complete, balanced plant food.

A Product of

Swift & Company

Plant Food Division

U. S. Yards Chicago, 9, Illinois

hader or of a) 1657 & show he will a routher at the



Over 99%



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

Assures Highest Grass Seed Content—lowest weed content. Starts faster—more plants—stronger Turf.

Seaside Bent, Cocoos Bent, Triple A Bent, Velvet Bent, Colonial Bent, Astoria Bent, B-27 Kentucky Blue, Chewings Fescue, Illahee Fescue, Red Top. Rye Grasses, Alta Tall Fescue, Poa Trivialis, Bermuda 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 1949 Price List



132-138 Church St., New York 8, New York or in the shop. . . . Danny Jones, formerly of IBM CC, Endicott, N. Y. and for past 10 months in IBM factory, goes as pro at Shepard Hills CC, Waverly, N. Y. . . . Jones replaces Larry Dykman who's going with a big corporation's west coast branch.

Central N. Y. PGA making wire recordings of its golf programs at Bath, N. Y. Veterans hospital. . . . Recordings will enable the pros to keep their program going for the veterans on a close-connected basis. . . . Joe Hogan, Chicago advertising man, named by Western Golf Assn. as Director of Promotion. . . . Hogan launching an intensive campaign on Western's new Honor Caddie 16 mm. color sound movie.

Duncan Ross Morton, 62, who retired in 1947 after 22 years service as pro of Highland CC, Auburn, N. Y., died at Mercy hospital, Auburn, Feb. 12, after several months' illness. . . . He is survived by his widow, four brothers and two sisters. . . . He was born at Crail, Fifeshire, Scotland. . . . He was a beloved character in golf and did a grand job of spreading the cheerful gospel of the game.

Emerson Spear, starter of all 23 Los Angeles Open tournaments, says average time of a threesome in this year's LA Open was 4 hours and 22 minutes. . . In the earlier LA events a field of 138 could play and finish in daylight. . . Now slow play cuts



down the field to 128 and by starting them at 8 a.m. the last threesome just manages to get in before nightfall.

C. S. Lanier, who's doing a great job of managing the University of New Mexico public golf course at Albuquerque, compiled statistics on the 1948 season. . . . Play was on the U of N. M. course every day except 9 in January and 4 in February. . . . During the past 3 years there have been only 30 non-playing days at the course. Play in 1948 was 48,030 rounds of golfers walking an estimated 216,135 miles around the 18 holes and taking 4,322,700 shots. . . . Nine aces were made. . . . Divots taken would have covered 1.87 acres. . . . Some of them were replaced, much to the delight of Lanier and that grand veteran Bill Tucker, sr., who built and superintends the course.

Joe Kirkwood, shooting at Sea Island (Ga.) for a Grantland Rice Sportlight movie made an ace on the 135 yd. fifth across the water. . . . Paramount cameramen got the shot from the time Joe addressed the ball until it went into the cup. . . . Bill Entwhistle, veteran pro at Essex Fells (N. J.) CC back on home after wintering with his family in the old home town, Syracuse, N. Y.

W. C. Quackenbush, signed as pro by Lonesome Pine CC, Big Stone Gap, Va. . . . Leon M. Pounders staying on as pro at IN OKLAHOMA IT'S . . .

BOB DUNNING-JONES, INC.

Personalized Service

The Most Complete Line of Golf Course Supplies in Oklahoma



Exclusive State Distributors

*TORO MOWING EQUIPMENT *BUCKNER SPRINKLERS



Box 4082 1402-12 S. Lewis TULSA, OKLAHOMA

PROS. MANAGERS, GREENKEEPERS - think of your SAVING in time, labor and material with this revolutionary new ELECTRIC SPRAYER!

Dealer price - \$9.95 . . . List price - \$12.95

Here's quick, professional results for utility jobs - refinishing clubheads, display cases, tables and racks, etc. . . . painting clubhouse tables, chairs, porch furniture, screens, floors, etc. . . . painting course maintenance equipment, fixtures, pool equipment, etc.

Easier, more efficient and twice as fast as brushing. Handles enamel, varnish, lacquer, shellac, light oils and insecticides. No extras to buy or carry. Just press the finger tip trigger . . . and

do the job quicker, and better, by spraying the modern way with the Burgess Vibro-Sprayers.

USE COUPON TO GET SPECIAL INTRODUCTORY PRICE.

	Hagan Industrial Products,
AND ELECTRIC DESIGNATION (1997)	3851 N. Hoyne Ave., Chicago 18, III.
MULLINGS	Send () Burpess Vibro-Sprayers at the special golf club price a \$9.95 each, for which I enclose check for (\$).
	Name
erates on 110-125 volts, 50-60	Address
le, A.C. only, 25 oz. Mason jar	
stainer. S ft. extension cord.	City State



Locker Room Mats that NEVER GIVE UP!

Get Pneu-Mat runners for your locker-room aisles ... and then relax for years and years to come! Many of America's finest clubs have been using sturdy, spike-resistant Pneu-Mats for the past 12 years ... and the first ones sold are still going strong!

Write for free catalogue on Pneu-Mats, Shower Room Mats, and Entrance-Hall Mats (in color, with club name!)

A. N. BRABROOK SAFETY MATS

Trace for better greens and fairways

FIGHT Soil Starvation

Trace L contains 15 essential mine. elements in guaranteed amounts which are often lacking in apparently fertile soil. These 15 elements help to assure grass luxuriant growth, and resistance to disease and insect pests. All elements are scientifically balanced for safe and successful use. Each pound makes 100 gals. of Trace L solution. 15 and 35 lb. drums—60 cents per pound. Also available in 1/2 and 1 lb. jars, and 100 lb. drums. Write for more information.

		and the second s
LAB	ATOGA BORATORIES, Dept. S-2 Saratoga Springs, N.	Y.
	end 15 (35) lb. drum and bill. end full Trace L details.	
N	lame v	
A	ddress	
C	ityState.	

Kanchoe Naval Air Station where he was on the job for Billy Bell building the course. . . . It's a 9-hole course with 18 different tees giving it 6470 yds. . . It's well-trapped and is in dune country overlooking the Pacific. . . . "Best course in Hawaii," Leon says.

Zeke Browning goes from Twin Falls, Ida. to be Johnny Bulla's asst. at Westmoreland CC (Pittsburgh dist.) . . . Jack Gormley, pro-gkpr., Wolfert's Roost GC, Albany, N. Y. stopped off to see his asst., Milon Marusic, play in the Tuscon Open. . . Marusic had shot three 69s and was 27th. . . . Jack told him to shoot a 65 and see if that would get him in the money. . . So Marusic shot 65 the final round and got \$300 for 7th place. . . . Roy Jones, 1947 GSA champion, leaves Normanside CC, Albany, N. Y. as progkpr, to go as pro at Hempstead (L. I., N. Y.) CC.

Dewey Longworth, pro at Claremont CC, Oakland, Calif., and his team-mate, Luigi Galletti, went to Santa Anita day prior to opening of NGSA program . . Dewey gave Louie a horse that happened to be as good as Louie's wine . . . It was Galletti's virgin appearance at Santa Anita and he came away wheeling a load of money . . . It was easy but Louie says greenkeeping is more certain . . . Joe Guisto of Lake Chabot, is new pres., Northern California Golf Course Supts. Assn. . . . The association has 40 members and all of them were at the LA conference.