trapped in front somewhat, to the right and left, but seldom to the back.

As for crabgrass, this has sent many greenkeepers to bed at night with a headache. It has been one of my biggest problems and still is. Back in the old days the best method of getting rid of this weed has been by cutting it out. Then you have bad greens from one to two months. The real cause of so much crabgrass has been soil used for topdressing which was saturated with crabgrass seed. What is the use of picking your greens and then come back and put the same weed back on your greens with bad topdressing?

It would be better to use clean sand. That is what I have been doing for the past year and a half. My greens have been better and I have reduced weeds to a small degree. So, be careful what you use for topdressing. I am now using Soilicide crabgrass killer. This has been recommended to me highly. This is used one pint to 50 gals. of water in cool weather and one pint to 75 gals. of water during warm weather; repeated at 5 day intervals during cool weather; 7 to 10 days during warm weather. I am living in hopes that this will take care of crabgrass.

Some greenkeepers think that a good thick vigorous growth of grass on greens will eliminate crabgrass. I will agree as far as tees and fairways are concerned but on greens when you get too much bermuda grass it is hard to give a good putting surface where the ball will not jump. I like my greens a little on the thin side and then you eliminate a lot of runners and stems. When a bermuda green is too thick and heavy there is too much of a cushion and that calls for a lot of topdressing.
LIQUID LUSTRE
GOLF BALL WASH

Lively suds clean quickly and easily. Contains no harmful chemicals. Will never develop any offensive odor. No muss, no waste. Convenient and economical. Glistening clean balls are easy to follow in play.

Price $4.50 per gal.
5 gal. cans $21.50.

(Please mention your dealer's name when ordering)

D.B.A. PRODUCTS CO.
Dept. GD3 Deerfield, Ill.

Step on pedal. A refreshing drink of cool water comes up fresh from the water main.

MURDOCK Outdoor Drinking Fountains and Hydrants
The Murdock Mfg. & Sup. Co. Cincinnati 2, Ohio

NEWS from the MANUFACTURERS

Jimmy Thomson Inspects Spalding 1949 Line of Golf Clubs

Jimmy Thomson examines woods he styled himself as he visits the A. G. Spalding & Bros. Chicopee, Mass. plants to look over the new 1949 line of golf clubs upon his return to this country from Great Britain.

New "Over-Spin" Putter

A putter so constructed that a player cannot hit a golf ball far enough below center to get a back spin is a patented feature of the new "Over-Spin" putter being marketed by the Over-Spin Putter Co., Box 390, Woodbridge, Conn. Balanced weight and simple construction gives desirable over spin to ball when hit resulting in longer putt with easier stroke. The new putter is available in three models.

Keep your turf velvety and weed-free with PARKER LAWN SWEEPERS

To keep your turf velvety and weed-free entrust its care to Parker Lawn Sweepers. The regular use of Parker Lawn Sweepers will keep turf free of twigs, stones, leaves, etc., at the same time they will comb thickly matted runners and weeds from around the roots of tender grass... allowing sun and moisture to reach the roots giving it color, strength and beauty.

Hitches for trailer sweepers illustrated are available to fit mowers or small tractors. Contact your Parker Distributor today or write us direct.

The Parker Pattern & Foundry Co., Springfield, Ohio
High Speed Well Drilling Unit

Temporary or permanent wells can now be drilled at the rate of 30 ft. per hr. (16 in. in dia.) with a new portable drilling unit which can be mounted on any standard truck. The portable drill is designed to pull out the dirt, leaving a clean hole into which a caisson or pipe can be inserted immediately. Not a conventional type auger, but a drill with exclusive pat’d features, the motor driven drill when the desired depth is reached is pulled out of the hole, carrying all the dirt with it. Besides drilling for water, the drills can be used to make test holes, “pilot” holes for wooden, cast or poured concrete piling or posts; also for horizontal or angular holes for pipe and drains. The drill is made by the KA-MO Tools, Inc., 2121 S. Troy St., Chicago 23, Ill. and is furnished in diameters up to 16 inches.

Wilson Displays 1949 Line
At Annual Sales Meeting

The complete 1949 Wilson line of equipment will be displayed at the annual sales meeting of the Wilson Sporting Goods Co. in Chicago’s Drake Hotel, Aug. 15-20 according to William F. King, vice pres. and gen. sales mgr. Displays on every type of equipment will feature skilled craftsmanship in construction, new innovations and advantages of the Wilson line. The pro golf line will be exhibited under the capable direction of Wallie Robb, Mike Behrendt, Bob Haggerty and Les Freeburg. Ed Goeckel and Jack Havey will be in charge of the golf ball display.

Distinguished speakers appearing at the meeting will include P. W. Seyl, treas., Edward F. Wilson, pres. and board member, Thomas E. Wilson, chmn. of the board of directors and Patty Berg, member of the Wilson advisory staff.

An added attraction of the sales meeting will be a tour of the Walter Hagen plant in Grand Rapids, Mich. and the Wisconsin Shoe factory in Milwaukee.

DURABLE—THE FINEST MAT MADE
Send for Durable’s money saving plan
DURABLE MAT CO.
Seattle, Wash. Norwalk, Ohio

BRAND NEW
DRIVING RANGE BALLS
6 coats of paint, one stripe, $2.85
any color, per doz.
GOLF PROFESSIONALS DRIVING RANGE EQUIPMENT COMPANY
11000 S. Green St. Chicago 43, Ill.

IN OKLAHOMA
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GOLF COURSE SUPPLIES
It’s
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PERSONALIZED SERVICE
271 W. Victoria — Phone 5-7444 TULSA 6, OKLA.

Increase play and revenue... Improve your course with
SKINNER SYSTEM concealed irrigation.

If the Skinner System of irrigation is watering your course, you know how it has increased your membership and play. If your course is unwatered, now is the time to investigate. Skinner Engineers will gladly give you details and information without obligation on how to economically water your course. Now, today, write for booklet and details.

THE SKINNER IRRIGATION COMPANY
415 Canal St. Troy, Ohio

SKINNER — Pioneer and Leader in irrigation for nearly half a century.

August, 1948
PRIVATE BRAND
GOLF BALLS
15 DOZEN MINIMUM ORDER
Write for Prices
BOSTON GOLF BALL CO.
7 MAPLE ST.
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RUGGED DRIVING RANGE WOODS
Your customers will love these woods! Have rock maple laminated heads, true-temper step down shafts, Spaldite inlaid face, Rain or Shine grips, nylon wound neck.

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Made by Fred Matzke Golf Company
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Driving Ranges
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We have a complete stock of
GOLF BALLS — CLUBS
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Increase your PROFITS

Electro-Beam
FULLY AUTOMATIC
GOLF TEE
For complete information write:
GOLF ENTERPRISES, Inc.
914 Arctic Bldg., Seattle 4, Wash.

Green King, Practice Putting Aid

A new practice putting aid, Green King is a flexible plastic disc suspended on a miniature white flag pole just above a green and white metal plate, manufactured by the MacIntyre Mfg. Co., 932 W. Lapham St., Milwaukee 4, Wis. The discs are so constructed that if more than one-half of the ball enters the regulation size cup zone, the ball is retained and the putt is made.

Twenty-five Years With Wilson
Bob Haggerty, pro golf salesman of the New York office of the Wilson Sporting Goods Co., was presented with the Wilson 25-year pin by William Kiley, vice pres. and gen. mgr. of the N.Y. office at recent testimonial dinner given in his honor. Welcomed into the organization at the party were two new salesmen, Al Fritz and Leo McNamara.

Jackman Issues New Catalog
A new catalog featuring a large line of golf bags, sports wearing apparel, fine leather luggage and hundreds of accessories ranging from Morocco billfolds to golf carts has just been released by Jackman Sportswear Co., Inc., 6332 W. Roosevelt Rd., Chicago. You may obtain your copy together with price lists by writing directly to the company.

Woodruff Exhibits Show Results of Proper Seeding and Maintenance
Over 180 different areas, seeded and maintained under various growing conditions, were exhibited to a record group of more than 200 superintendents, club managers and industry representatives at the Annual Trial Ground Exhibition and Outing sponsored by the F. H. Woodruff & Sons, Inc., Milford, Conn., at their test-
ing grounds on the Boston Post Road near Milford recently. Exhibits graphically illustrated splendid results that can be obtained from a combination of proper seeding and maintenance with modern agricultural methods.

Explanation of the turf experiments were made by Harold F. Woodruff, president of the company and Dan Johnson, Sales Mgr., Grass Seed Div., as tours were conducted through the lawn trial grounds.

Most favorable comments from greenkeepers and golf club managers came following study of a model putting green which had been planted with various types of bent grasses all receiving the same type of green maintenance. Comparative advantages of the various bents used were pointed out by Johnson. Further comparative study as to adaptability, disease resistance, texture and putting surface together with information gathered from tests in the area and from other trials conducted all over the U.S., Canada, Australia and South Africa, will be used by the company in developing lawn seed mixtures for use by golf courses in different sections of the country.

Louise Suggs Joins MacGregor Advisory Staff

Louise Suggs, one of the world’s greatest amateur golfers, has announced her decision to join the Pro ranks of women golfers. In her new occupation, Miss Suggs will be associated with MacGregor Golf, Inc., Cincinnati, O. She will be the only woman on their Pro Advisory Staff, which includes such names as Ben Hogan, Jimmy Demaret, Byron Nelson, Tommy Armour, Claude Harmon, Craig Wood, Toney Penna, Herman Barron, George Schouk, and others. In honor of her appointment, the company will manufacture

Design and Construction of Notable Golf Courses for 25 years

C. D. WAGSTAFF & CO.
GLENVIEW, ILL.
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J. B. McGOVERN
Golf Course Architect
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Over thirty years partner and associate of the late Donald J. Ross
Member of the American Society of Golf Course Architects

NUTRIA
SEDE PEAT
A MINNESOTA HIGH LINE PEAT IT'S GRANULATED
A valuable soil amendment for green dressing mixtures and green construction. Cuts labor costs.

NUTRIA PEAT SALES COMPANY
500 Stinson Blvd. Minneapolis, Minn.

GRUB PROOFING
50 lb. - 50% DDT Applied
$23.00 per Acre
Chinch Bug $17.00 per Acre
Minimum 40 acres
Additional charge over 100 miles of Roslyn, L.I., N.Y.

Fred J. Faulkner
Roslyn Hgts., L.I., N.Y.

Louise Suggs, “Queen of the World’s Amateur Golfers” and Henry P. Cowen, Pres., MacGregor Golf, Inc. shown as the famed woman golfer joined the pro ranks and became associated with the MacGregor Pro Advisory Staff. Louise’s father stands back of her.

August, 1948 75
a line of Louise Suggs' autograph golf clubs.

Miss Suggs' sensational rise to the top ranks of women golfers dates back to her high school days when she first won the notice of O. B. Keeler, of Atlantic Journal fame, who picked her as a coming star.

During this past winter, Miss Suggs won victories in the Florida circuit, including the Bellair Open and the Helen Lee Doherty Championship. This spring she again captured first place in the North and South Championship at Pinehurst, and in May she journeyed to England as a member of the American Curtis Cup Team which defeated the British team, 6½ to 2½. A week later at the Royal Lytham and St. Anne's Club at St. Anne's-on-the-Sea, England, Miss Suggs won the British Women's Amateur Championship to give the United States possession of this prized trophy for the second consecutive year, and to clinch her title as the world's No. 1 amateur woman golfer.

In her new role as Pro-Technical Advisor for women golfers, her dream will come true to devote all her time to the game. As an amateur, Miss Suggs has been restricted in her golfing activities, and in her new position will now be able to further women's interest in amateur and competitive golf. Within a short time, under MacGregor Golf's sponsorship, she will begin a series of exhibitions and clinics at country clubs, schools and colleges throughout the nation.

Sehlmeyer, New Stumpp & Walter VP

Alex Sehlmeyer recently elected vp of Stumpp & Walter, Seeds and Garden Supplies, New York, has been associated with the firm for 34 years. Formerly assistant secretary he is now in charge of the vegetable, grass, and golf departments.

At the recent convention of the American Seed Trade Ass'n. at French Lick Springs, Ind., Sehlmeyer was named chairman of the retail and mail order division. He is also a member of the legislative committee and a past president of the New York State Seed Ass'n.
Buyers' Service

Check off your Supply & Equipment Needs. Tear out and mail this sheet to Golfdom, 407 S. Dearborn St., Chicago, Ill., or use convenient card. You'll get prices and literature direct from the sources of supply.

Golf Course

Aerifiers: fairway $ green $
Architects (course — house) $
Arsenate of lead $
Ball washers $
Bent grass stolons $
Brown-patch preventives $
Compost mixers $
Compost spreaders $
Crabgrass eliminators $
Cultivators: f'way $ green $
Drinking fountains $
Electric Plant (Portable) $
Fencing $
Fertilizers $
Flags (greens) $ Flag poles $
Flood lights $
Fungicides $

Pro Shop

Bag towels $
Bag carts, for players $
Balls: Regular $ Range $
Ball cleaner (individual) $
Ball markers $
Bandages, adhesive $
Buffing motors $
Caddie badges $ uniforms $
Calks, for shoes $
Caps and hats $
Chrome refinishing kit for golf shafts $

Clubs: Woods $ Irons $
Club display racks $
Club head covers $
Club repair supplies $
Club separators for bags $
Detachable cleated shoe plates $
Dressing for grips $ bags $
Golf gloves $
Golf Grips: Leather $
Composition $
Golf Practice Devices $
Golf Practice Glove $
Golf shoes $
Handicap boards $
Handicap racks $ cards $
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Furniture

Kitchen equipment:
Dish washers $
Frozen food storage $
Ice cube machines $
Ovens $ Food warmers $
Ranges $
Refrigerators $
Slicing machines $
Heaters: club house $ hot water $

Mechanical Golf Ball Retriever
Movies of Golf Subjects
Pencils $
Portable motor tool $
Practice driving nets $
Preserver for leather $
Score cards $
Shoe spike wrench $
Sportswears: Shirts $ Socks $
$ Sport jackets $ Rain jackets $
Windbreakers $ Slacks $
Tees (wood) $ plastic $
Tees (rubber) for driving mats $
Teeing device (automatic) $
Tennis nets $
Trophies $

Club House

Air conditioning equip.
Athletes foot preventives
Bath mats $
Bath slippers $
Coolers (food & beverage) $
Disinfectants $
Fire protection equipment $
Floor coverings $

Send information to: Name $ Address $
Club ............................................. Address $
Title ............................................. Address $
Town .......................... Zone ( ) State $

August, 1948
Electric Shoeshiner for Lockerroom

Groomaster, electric shoeshiner designed to shine all kinds of shoes, is a new electrical appliance for club and home use. It gives daily care at a minimum of expense; shines shoes quickly and noiselessly. The compact kit comes in two models, bench style or floor. Additional information may be obtained by writing the Manchester Machine Co., St. James, Mo.

A Golf Ball For Paul Bunyan

Some of the ‘slide-rule boys’ at Spalding’s recently figured out the answer to this one; if Spalding covered just one great big golf ball each year, instead of hundreds of thousands of the regular size, how big would it be? Well, it would be almost as tall as the Washington Monument and it would be over a quarter of a mile around its circumference. Or, if you like this picture better — it would just fill the Yale Bowl nicely.

Champion’s Full-fingered Glove

A new full-fingered “Airway” golf glove, the result of three years research in checking materials and eliminating objectional features of previous models yet meeting the standards desired by golfers, is being marketed by the Champion Mfg. Co., Court Ave., Des Moines 8, Iowa. The new glove gives golfers the desired protection without bulkiness, does not wrinkle, is comfortable in hot weather and has the Champion patented vacuum grip. The glove is made of a special, durable, nylon lastex back that keeps palm and fingers smooth. African Cape-skin is used on the palm, fingers and fingertips for greater wear with a non-binding elastic around the wrist. The “Airway” is the nearest thing to a “skin-tight” fit. Various sizes are available for both men and women. Further information can be obtained by writing Dept. 10 of the Champion Co.
Lesson Practice Mat

Kirkwood Golf Clinic, Box 3821, Kirkwood, Mo., has a cloth practice mat for golf on which reminders of golf instructions are printed. The pupil marks outlines of his feet in the proper stance on the mat, with reference to position of ball and direction desired. Then, by keeping his head down, he can read the instructions. The fabric mat on which the instructions appear is called the U-Kan practice mat.

Combination Fan and Lamp

The Abbeon Supply Co., 58-10 41st Drive, Woodside, N. Y., announces production of Fanlamp, a multi-purpose floor lamp that will give indirect lighting combined with air cooling and circulation. The lampshade acts as a funnel. Cool air is brought up from the floor by a 500 cubic ft. per minute draftless fan, and is mixed with the warmer air in the upper part of the room. Any smoke in the room will be attracted to the funnel, carried upwards and dissipated.

Golf Swing Post for Students

A gadget to help the beginning golf student keep his head steady while developing the proper rhythm and pattern of the swing has been developed by A. C. Plummer, 31 Steuben St., Albany, N.Y. at the instigation of his local professional. The device known as the Golf Swing Post has worked so well for Plummer that the post has been installed at the Albany Municipal course. The practice aid which has been a great help to beginners consists of a post planted solidly in the ground. Extending from the post at the proper height is a vertical arm to which is attached a curved, padded head rest against which the student places his forehead. According to Jerry Dwyer, Albany professional, the beginner using the swing post is able to maintain proper balance without effort and can concentrate fully on his swing, hip action and proper shifting of weight.

Rotoshear Speeds Grass Trimming

Designed to do a faster, better job of trimming grass, particularly in hard-to-get-at places, the new Rotoshear, manufactured by Turf Equipment Inc., 211 Elroy St., Minneapolis, Minn., greatly improves the appearance of golf courses, parks, or landscaped grounds. In actual tests it has reduced by 80% the time spent in trimming by ordinary methods. Easy to use, the Rotoshear is light in weight and assures perfect balance for any operator with its adjustable guide handle. The entire unit is dust-proofed and all bearings are sealed with a lifetime supply of lubricant. The rotary blade is equipped with an exclusive "ground level" guard which permits close trimming without damage to installations or shear. Standard equipment includes 100 ft. of extra heavy electrical cord and double locking connection.

HARDWOOD FLAG POLES

Made of the finest, kiln dried, second growth, tough White Ash. Tapered from approximately 1" at bottom to ¾" at top, and fitted with flanged aluminum ferrules to fit standard 1⅜" cup. Sanded finish with prime coat of lead and oil and finished coat of finest white enamel. Available in 2 or 3 color combinations. Immediate delivery.

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

LEAVITT CORP. EST. 1895 URBANA, ILL.
Builders of "Knockdown" bleachers for all sports
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CLASSIFIED ADS

Rates: Minimum insertion $4.00 for 20 words; additional words 20c each. Bold face type, 25c per word. Classified cols. reserved for help or services wanted and for sale of used equipment.

Pro-Greenkeeper, fine record of course reconditioning and maintenance at low cost, excellent teacher and business man with all-around successful experience in operating at large and medium sized clubs. Wants new job—recently completed putting rounndown club in first-class condition. Active, resourceful and dependable. Scotch-born American citizen, Will go anywhere. Highest recommendations. Available at once. Address Ad 801, % Golfdom.


We are buying used golf balls. Price is based on quality. For quotations write NORTHERN GOLF BALL CO., 3441 N. Claremont Ave., Chicago 18, Ill.

Jennings Deluxe Golf Ball Machine, like new—has been in storage. Equipped for new price balls—$260.66. Write R. E. A., Box 992, Rockford, Ill.

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MARRIED. 38. Excellent reference. Address Ad 801.

Golf Professional and Greenkeeper, with 12 years' experience, connected with northern club in summer, desires job in south or southwest for winter months. Address Ad 804, % Golfdom.

WESTERN RANGE PROS

Top grade practice balls, hi-tension wound, new пара rubber thread. Top grade balata vulcanized with new process, no cracked covers! New plastic base enamel grips have been used. Rustic balls have plenty of life. Greens are real toughs. $2.50 dozen your cuts in exchange. Not a corporation! Par Golf Ball Co., Vaughn, Washington.

Club Manager, operating Northern nine hole country club near medium sized city. Desirable situation. Good references. Address Ad 808, % Golfdom.

GOLF PRO—32 yrs. old, single. Experienced teacher and Pro Shop operator. 11 yrs. experience, anywhere. Best references. Address Ad 814, % Golfdom.

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Western Range Pro wanted. Pro at present employed as Manager and Superintendent at large Florida club, wants job in charge of course at good southern club. Fine record of results at moderate cost in developing and maintaining southern greens, fairways, tees, and as successful business man at clubs in north and south. Top recommendations for character and ability. Address Ad 805, % Golfdom.

WESTERN RANGE PROS

Top grade practice balls, hi-tension wound, new para rubber thread. Top grade balata vulcanized with new process, no cracked covers! New plastic base enamel grips have been used. Rustic balls have plenty of life. Greens are real toughs. $2.50 dozen your cuts in exchange. Not a corporation! Par Golf Ball Co., Vaughn, Washington.

Club Manager, operating Northern nine hole country club near medium sized city. Desirable situation. Good references. Address Ad 808, % Golfdom.

GOLF PRO—32 yrs. old, single. Experienced teacher and Pro Shop operator. 11 yrs. experience, anywhere. Best references. Address Ad 814, % Golfdom.

WANTED:

Pro at present employed as Manager and Superintendent at large Florida club, wants job in charge of course at good southern club. Fine record of results at moderate cost in developing and maintaining southern greens, fairways, tees, and as successful business man at clubs in north and south. Top recommendations for character and ability. Address Ad 805, % Golfdom.

Golfo Pro—22 years' experience resort and country clubs Long Island, Virginia, Georgia, will consider larger club. Highest references. 37 years of age, highest recommendations. With private club at present. Prefer seashore. Address Ad 807, % Golfdom.

Pro-Greenkeeper, fine record of course reconditioning and maintenance at low cost, excellent teacher and business man with all-around successful experience in operating at large and medium sized clubs. Wants new job—recently completed putting rounndown club in first-class condition. Active, resourceful and dependable. Scotch-born American citizen, Will go anywhere. Highest recommendations. Available at once. Address Ad 801, % Golfdom.

Golf Professional and Greenkeeper, with 12 years' experience, connected with northern club in summer, desires job in south or southwest for winter months. Address Ad 804, % Golfdom.

Club Owner & Pro desires position in Florida. Excellent teacher, PGA Class A Member. A-1 credit rating. Specialist in sales and upkeep of pro shop. Trustworthy, obedient. Write Box 206, Warrensburg, N. Y.

Greenkeeper or Pro available. Best of references. 25 years' experience as Pro-Greenkeeper. Expert on Bent Grasses, also construction work. Sobèr, capable, industrious. Write Box 208, % Golfdom.

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