



**AS FAMILIAR AS "FORE"
ON EVERY GOLF COURSE**

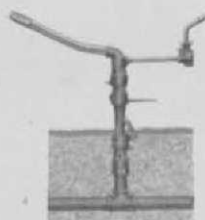
BUCKNER Watering Equipment

Today Buckner Watering Equipment is giving efficient, economical service to thousands of users. Pioneers for 25 years in developing hoseless irrigation, the Buckner organization continues to improve its products through constant scientific research.

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Bucknerize NOW!

BUCKNER MANUFACTURING CO.
FRESNO, CALIFORNIA



Buckner quick-coupling valve and sprinkler in place.

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KILL WEEDS IN TURF

EASILY · PERMANENTLY · ECONOMICALLY

with **CHIPMAN**

DRY SODIUM ARSENITE

Highly recommended by many green-keeping superintendents and turf experts. Kills crabgrass and other weeds. Plan to use this effective weed killer on your greens and fairways next season.

*Write for Prices, Literature and
Golf Course Control Chart*

CHIPMAN CHEMICAL COMPANY

Bound Brook, New Jersey

INSECTICIDES — FUNGICIDES — WEED KILLERS

GOLF DIVOTS OF THE MONTH

SALE of the Congressional CC, near Potomac, Md., which had been planned for Sept. 4, was stopped in a court action by a group of second-mortgage bondholders . . . Johnny Kinder, veteran Plainfield (N. J.) CC pro who recently added the 1940 New Jersey Open championship to his list of wins, was honored in late August with a testimonial dinner given by more than 200 of his golfing friends and associates. . . Fire did \$16,000 damage to the elaborate clubhouse of the Parkdale GC, Dallas, Tex., last August 26. Ben Banks, club pro, John Overturf, his assistant, and Jack Reeves, course employee, narrowly escaped injury when the roof collapsed. The blaze had a 20-minute start on firemen.

Third annual GSA golf tournament will be held October 27 at the Speedway GC, Indianapolis, in conjunction with the organization's

sectional educational-demonstrational meeting, which will also be held at Indianapolis' Speedway Course, on October 28-29. . . . It's a daughter at the Don Boyds (Don's the GSA Show chairman.) The date was August 23. . . . An article in September '40 GOLFDOM mentioned incorrectly that John Andersen, Rockford CC manager, had formerly managed the Marine Dining Room of Chicago's Edgewater Beach hotel. Andersen was employed in various departments of the hotel in '36 and '37 but did not have charge of the Marine room. . . . The Mark Twain Community GCse, Elmira, N. Y., showed a net profit of more than \$500 for the 1940 season.

Lawson Little took the measure of Jug McSpaden 3 and 2 in a match play event scheduled for 36 holes, the other day at Jug's Winchester (Mass.) CC. Little's performance in defeating one of golf's great match plays golfers, has many Eastern experts wondering what Little would have done had he been eligible for the '40 PGA championship. . . . Elabo-

FROM NOW ON IT'S THE 19th HOLE THAT COUNTS



Indoor foursomes mean extra cleaning, extra floor care, extra freshening of stuffy, smoke-filled rooms. There's a superior Dolge product for each of these clubhouse maintenance needs.

BAN cleans floors, walls, woodwork and windows with a minimum of effort.

DOLCOWAX beautifies and preserves linoleum cork, mastic and Dolcovar-sealed wood flooring.

DEODOROMA overcomes foul odors—leaves the air full of the bracing tang of rose, carnation, newmown hay, sandalwood or cedar, whichever you prefer.

There are many other specialized Dolge products described in our 96-page Maintenance Manual that tells you all you want to know about every clubhouse maintenance problem. Send for it now.

The C. B. Dolge Co.
Westport. . . . Conn.

TIMELY TURF TIPS

Nitrogen Source For Greens . . .

Some lay great stress on the analysis of fertilizer used on greens, but few question the source from which each element is derived.

Fertilizer should supplement the top-dressing. Obviously, between the two they should restore the nitrogen, phosphoric acid and potash removed in clippings during the course of a season's growth. Top-dressings vary with respect to source of organic matter. Some contain manure or mushroom soil, others peat or related humus substitutes. Thus they also differ with respect to all the plant food elements. Hence, no single fertilizer analysis is best for all greens.

If needed . . . phosphate and potash are best supplied twice a year, once in early spring and once in early fall. Both these elements are retained, but later released by the soil. Hence there is very little choice with respect to source among the commonly used materials.

Nitrogen is responsible for color and density of turf. Hence, after providing phosphate and potash if needed, this color-producing and growth-promoting element is the key to good turf. Unlike phosphate and potash, soluble nitrogen is easily lost by leaching.

When only water-soluble nitrogen is applied, grass absorbs and uses it immediately. A rapid burst of growth follows, but it stops quickly, too, and then is even less than before. Nitrogen hunger promotes dollar spot, thinner turf, and poor color.

Although some soluble nitrogen is needed at times, only the true organics produce continuous growth and pleasing color over long periods. So, most of the nitrogen should come from dependable water-insoluble organics, such as Milorganite. By fostering uniform, continuous growth, Milorganite maintains color, improves density and lessens dollar spot if used in moderation as needed.

For 1941 follow a program which will provide the right amount of phosphate and potash if needed. Then use Milorganite to furnish long lasting organic nitrogen and supplement with a little soluble nitrogen as needed.

To help devise the program, write for bulletin on fertilization of greens, tees, and turf nurseries. It is free for the asking.

TURF SERVICE BUREAU

THE SEWERAGE COMMISSION
Milwaukee . . . Wisconsin

MILORGANITE for BETTER TURF

Of Course, It's Skinner System of Irrigation

In the September 9 issue of *Life*, the Fort Wayne, Ind., Country Club is fully described as an outstanding Country Club.

"Even in the summer weather its fairways are green because of a \$22,000 watering system which soaks the grass every night."

This watering system was de-

signed—its installation supervised and all equipment furnished by Skinner System.

It is surprising what a large proportion of Golf Clubs, which attain prominence, are Skinner System equipped.

Write for more information on Skinner Systems for Golf Courses.

THE SKINNER IRRIGATION CO., 415 Canal St., Troy, Ohio

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HIGH MERCURY.. LOW COST..

As mercury metal is the active principle in the most effective fungicides, the higher the mercury content, the less quantity is required. Below is shown the mercury metal content of the four Mallinckrodt mercury fungicides, CALO-COLOR* and CALOGREEN* in Regular Grades for dry application and SUSPENSION Grades for liquid application.

CALO-COLOR controls brownpatch and dollarspot. CALOGREEN controls dollar-spot only.

AURAGREEN*, a non-mercurial fungicide, is made of green dyes, recommended by greenkeeping authorities, and is effective as a preventive of attacks of brownpatch, if not too severe. It imparts a fresh, greener appearance to turf.

CORROSIVE SUBLIMATE, U.S.P. Grade also available.

*Trade Mark Reg. U.S. Pat. Off.

Mallinckrodt
CHEMICAL WORKS

Second & Mallinckrodt Sts. - St. Louis
70-74 Gold St., New York, N. Y.
Chicago Philadelphia Toronto Montreal

81%

73%

CALO-COLOR (REGULAR)
CALO-COLOR (SUSPENSION)

76%

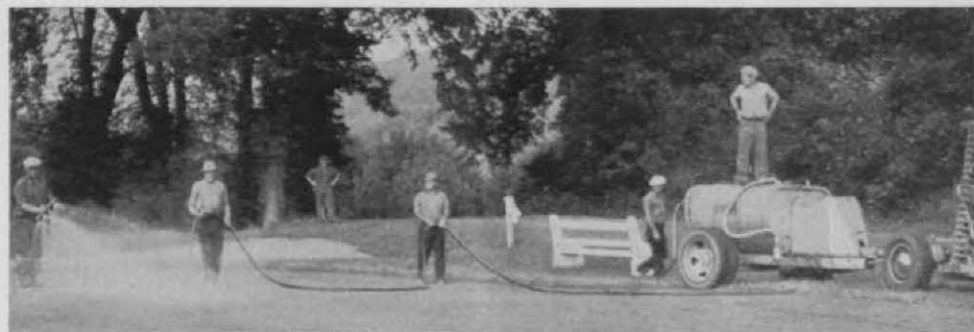
85%

76%

CALOGREEN (SUSPENSION)
CALOGREEN (REGULAR)

rate plans and specifications for re-vamping housing facilities at the beautiful Augusta (Ga.) National GC at a cost of several thousand dollars, have been completed. The main purpose of the plan of improvement is to place the clubhouse in first-class condition and provide guests with comfortable lounging quarters.

Tom Howe, Wellesley CC (Fall River, Mass.) assistant pro, retained his New England PGA assistant pro title by defeating Vincent O'Bey, of Worcester, in an 18-hole playoff match. . . . Construction is well under way on the new \$23,000 clubhouse at Tenison Park GCse, Dallas, Tex. . . . The beautiful new clubhouse at the Opp GC, Andalusia, Ala., was put into formal use the 1st of September. . . . Mack Parsons, greenkeeper at the Wooster (Ohio) CC for 14 years, is now located at the Brookside club in Columbus, O. . . . Lanky Bill Hall, one of the best known characters in Atlanta, Ga., golf, has taken over

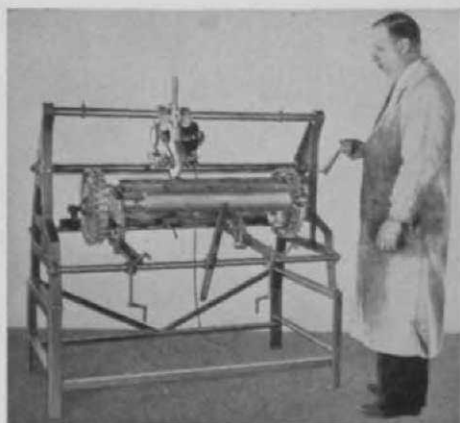


● New Hardie roller-bearing, rubber-tired, streamlined engine-equipped sprayers, and Tractor Trailers with power take-off from golf tractor or all popular farm tractors will protect greens and grounds from insect pests and parasites all over America this year. Specialized spray guns and booms facilitate application of spray liquids, weed killers, brown patch cure and liquid fertilizer. Put a Hardie in the budget. Many models and sizes. Write for catalog. The Hardie Mfg. Company, Hudson, Mich., Los Angeles, Calif., Portland, Ore., New York City.

HARDIE DEPENDABLE SPRAYERS

the pro post at the John A. White course in Atlanta. . . Bicknell (Ind.) CC has recently completed its new utility building, which will be used to house heavy equipment, tools, and other material for maintenance of the course. The structure is 24 x 24 ft. and is made of concrete building blocks.

Johnny Farrell, popular pro at Baltusrol GC, Short Hills, N. J., is smiling even more than usual these days. The reason? The first daughter in the Farrell family arrived September 25, weight, 8¼ lbs. Johnny's three other children are boys. . . New officers of the Rhode Island Greenkeepers' Assn. are: president, Oscar B. Chapman, Misquamicut; v-pres., Pat Tameo, Louisquisset; treasurer, Martin Greene, Wannamoisset; secy., Prof. Jesse DeFrance, Rhode Island State College faculty member. . . Tim Gagen is the new pro at the Schuyler Meadows CC, Schenectady, N. Y. Gagen succeeds Steve Holloway.



CARPENTER MOWER GRINDER

Grinds bottom knife and reel blades . . . quickly and economically . . . on any power or hand lawn mower, including large power or tractor-drawn units. Precision contact of cutting blades assured. No experience needed . . . no attachments . . . no lapping. Many satisfied users.

Write for prices and name of nearest dealer.

NARRAGANSETT PRODUCTS CORP.
East Greenwich, R. I.

Members of the Fall River (Mass.) CC held their annual costume tournament Sept. 22; one of the leading 'characters' was Marty Higgins, club pro-greenkeeper. Marty thought he should put himself on the spot if club members were willing to do so. . . . Damage to the clubhouse to the extent of several thousand dollars was caused by fire, smoke and water at the Lucerne-in-Maine (Me.) CC September 23. Only excellent work on the part of the combined fire departments of Brewer and Lucerne saved the structure from complete destruction. . . . Hugh L. Thomas is the new manager at the Flint (Mich.) GC.

Winner of the Harry Vardon trophy, awarded annually to the pro accumulating the most points in the regularly sponsored PGA tournaments, probably will not be decided until the last event on the 1940 list—the Miami \$10,000 Open on Dec. 12-15. Ben Hogan has a 7-point lead on Sam Snead in the race for first place. . . . Betty Jameson will long remember September, 1940. First she won the Women's Western closed championship, held in Seattle, by defeating Marion Miley 6-5 in the finals. Betty climaxed a record year two weeks later by taking the Women's National championship (at Del Monte, Calif.) for the second straight year. . . . Byron Nelson will return to Inverness CC (Toledo) in '41. . . . Dick Metz, Oak Park (Ill.) CC pro, and his assistant, Lloyd Mangrum, have been signed for the '41 season.

Norman Macbeth, one of the founders and a president and green-chairman of Wilshire (L. A. district) CC, and long prominent in national and California official golf circles, died recently at the age of 61 in Los Angeles. He was born in England and prior to coming to the U. S. lived in India. He was a grand fellow and a noble sportsman. He had much to do with the development of golf, especially in California. . . . Henry Cotton raised approximately \$120,000 for the British Red Cross in exhibition matches prior to joining the Royal Air Force.

How well this ball will travel depends a great deal on how it is hit. . .



Similarly how well your greens fare depends on how well they are protected.

For maximum turf protection at minimum cost, many greenkeepers prefer **MERCK 2-1 MIXTURE**. It is effective, dependable, economical. It can be applied by either wet or dry application. It is of special fineness ensuring thorough and even distribution.

★ *Other Merck Products* ★
for the Greenkeeper

TURFCALOMEL—A complete turf fungicide that is unusually popular with many practical greenkeepers.

CORROSIVE SUBLIMATE—Conforms to U.S.P. requirements. It is quick-acting. It is highly efficient as a remedy and preventive for large brown patch.

CALOMEL—Preferred when long protection is desirable and rapidity not essential.

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