JACK L. DARAY Golf Architect Designing and building fine golf courses for more than 25 years Consultant on postwar remodeling. Cherry Hills Golf Club, Flossmoor, Ill. **Phone Homewood 781**

ground, thereby reducing the loss of moisture from direct evaporation. Consequently the turf stays green longer and survives drought better. Shade also helps discourage clover and crabgrass.

Mowers can be raised at any time, but should never be lowered drastically in hot weather. The only safe way is to lower

the cut slowly, just a little each week. Fairway watering has brought several vexing problems. Mowing is one of them. Present mowing equipment was designed before fairway watering started. The grass on watered fairways is softer and grows faster than on unwatered ones. Higher cutting of watered fairways would be possible if the grass could be cut before wheels of any sort passed over them. Under existing conditions, higher cut fairways are ragged and unsatisfactory for play a few hours after being cut because of the longer grass in the lines left by the tractor and mower wheels.

Controlling Chinch Bugs

(Continued from Page 40)

applied with power dusting equipment gave better than 90 per cent reduction in chinch bug population.

Tests conducted in 1945 with DDT and Sabadilla dusts of less than 10 per cent concentration failed to give satisfactory control of chinch bugs and the DDT dusts failed to exhibit any marked residual toxicity. DDT applied as spray and mixed with top dressing and sand also gave ex-cellent control of chinch bugs when 10 pounds or more of technical DDT was app'ied per acre.

The conditions for applying DDT sprays are not so exacting and we have obtained satisfactory control even when sprays were applied in a light rain. Where dust applications are made with hand equip-ment we found that from 150 to 200 pounds of dust per acre was required to obtain thorough coverage. Dust applications should be made when the grass is dry and the grass should be cut as short as possible so that the dust can be forced to the base of the grasses where the chinch bugs are feeding. Both of these materials are contact poisons so the dust must contact the insects to be effective. Thorough coverage is necessary with both materials.

DDT is a slow acting poison and a period of at least 5 days should be allowed



before judging the effectiveness of DDT treatments. DDT treatments have exhibited a residual toxic action to chinch bugs for a period of 10 to 14 days in tests conducted in 1945. This period was of suf-ficient duration to kill any nymphs that might hatch from eggs deposited by adults that were present when the treatment was app'ied, consequently one DDT treatment controlled the chinch bugs for the season in our 1945 tests.

Sabadilla is a much faster acting poison than DDT but a period of 48 hours should be allowed before judging the effectiveness of a treatment. Sabadilla did not exhibit any prolonged residual toxic action in our tests in 1945. Sabadilla is apparently highly irritating to chinch bugs and they become very active following dust applications, this activity is apparently accelerated by high temperatures. During the past season, 10 per cent Sabadi'la at the rate of 100 pounds per acre was generally recommended in New Jersev. Reports reaching the Experiment Station indicate that the home owner found that this treatment gave satisfactory control of chinch bugs during 1945.

CLASSIFIED ADS Other Classified Ads on Page 65

ATTENTION CLUB OFFICIALS: Are you looking ATTENTION CLUB OFFICIALS: Are you looking for a qualified greenkeeping superintendent? Our association has on file men who can qualify for that position. Some are returning veterans who desire to again enter this field. Address: The Greenkeeping Supts. Assn., Secretary's Office, St. Charles, III. Pro-Manager: Veteran recently discharged from Supis. Assn., Secretary's Onice, St. Charles, An-Pro-Manager: Veteran recently discharged from Army after three years service desires permanent affiliation with progressive club. Active resort, in-dustrial, or business employees club favorably con-sidered. Fully experienced in the golf business: teaching, administration, merchandising, sales, pro-motion. A-1 references and credit rating. Wife available as club secretary. Address: Ad 205, % Colidom Golfdom.

Golfdom. Veteran, 29, married, desires professional job com-ing season. Available March 1. Will go anywhere, Address: Ad 206, % Golfdom. Expert Club Maker just out of army, desires position as assistant pro or caddy master in pri-vate club near Chicago or Aurora, Ill. Age 29, good personality, married. Address: Ad 207, % Golfdom. Expert club repair service. Clubs refinished, re-built, Quick service on all types of repair work. Write for price list. E. L. Wilson, Twin Oaks, Route 1. Box 31, Batavia, Illinois.

Pro-Pro-Greenkeeper-Asst, Pro. Ex-serviceman, 27 years old. Excellent instructor and player. Will go anywhere. Box 563, Cheraw, S. C. Having completed 3 years of essential war work, would like to contact club needing services of Pro-Manager or Pro-Greenkeeper. Can furnish refer-ences. Address: Ad 208, % Golfdom.

CLASSIFIED ADS

Lease Available for 9 hole course, in center of population concentration of large midwest city. Attractive profit possibilities for able, willing operator. Course in fine condition, fully equipped, well established play. Address: G.B.K., % Golfdom.

Wanted—Position as assistant to reputable pro. Married; no children; age 31. 18 years experience in golf as a caddy, caddymaster, assistant pro and player. Well experienced in all phases of teaching and pro shop management. Ex-serviceman. Please state terms offered to Jack Allspaw, R. R. 2, Lafayette, Ind.

Pro-Manager desires position. 10 years experience. Will lease or buy 9 hole course in Central States. *Address: Ad 201, % Golfdom.*

Pro-Greenkeeper with long experience in designing and building golf courses desires year-round position. First-class teacher and fully qualified in management of golf course. First-class credit rating. Address Ernest H. Killick, 926 N. Cass St., Milwaukee 2, Wisconsin.

Golf professional, 30 years' experience, would like position as Pro-Manager. Small town preferred. Class A member PGA. Excellent teacher, pleasing personality. Wife excellent cateress. Address: Thomas Roan, 3408 Parker Ave., Chicago 47, Ill.

Pro-desires position in south or southwest. Excellent instructor with 20 years' experience. In war work past four years. 44 years old, married. Address: Ad 202, % Golfdom.

Pro or Greenkeeper. Do you want a worker? Then I am your man. Over 30 years experience. Prefer year-round job, either south or southwest. Address: Ad 203, % Golfdom.

Wanted—In Conn., Pro-Greenkeeper to take entire charge of course, maintenance of equipment and operate Pro shop. Open April to December. If interested, send photo, references and salary expected. Address: Ad 204, % Golfdom.

Pro-Mgr. with 15 years' experience wants job anywhere. Working ability, character and references A-1. Full knowledge of construction and maintenance. Box 946, Muncie, Indiana.

Wanted-Used golf balls suitable for driving range purposes. Frank Donovan, 1700 Vine St., West Des Moines, Iowa.

Wanted: New reprocessed golf balls. State names, grades, price and quantity available. Address: Ad 209, % Golfdom.

Fore Sale in Western Pennsylvania, 25 miles from Pittsburgh, an 18-hole daily fee golf course, two houses, clubhouse and machinery barn. Doing a fine business and will show fine net profit. Approximately 150 acres of land in all, \$75,000 including all equipment. Address: Ad 210, % Golfdom.

Assistant Pro just out of Navy wants a job with good man from whom he could learn the business. Hard worker, thoroughly dependable, pleasant personality and well-grounded in general principles of business. For full details of qualifications write Ad 211, % Golfdom.

Golf Professional with fine record and recommendations. Age 34; married. Member of PGA with A-1 rating. Address: Ad 212, % Golfdom.

Wanted-Copies of Golf Course Common Sense. Will pay \$3.50 per copy. Address: Box GK, % Golfdom.

Pro-Mgr.--For the past 10 years, 16 years as Pro, desires position. 36 years of age. Available immediately. Address: Ad 214, % Golfdom.

Middle-aged Pro with 27 years' experience in pro shop merchandising seeks contact with pro needing assistant of these qualifications or tournament pro needing seasoned assistant to carry pro shop reponsibility during his absence. Good instructor; fine personality; excellent references. State salary and conditions. Address: Ad 215, % Golfdom.

February, 1946

Wanted: Concessions dining room and bar with progressive daily fee organization by man and wife. Experienced; A-1 references. Address: Ad 216, % Golfdom.

For Sale: Brand new reprocessed golf balls. Wilson K28, U. S. Royals, Acushnet in various grades; also good prevar used balls (500 dozen). Address: Ad 217, % Golfdom.

Position Wanted: As Manager, Pro and Greenkeeper. Have had twenty-seven years experience. Married. no children. Best of references. Can go any place. Expert in Bermuda and Rye Grass. Address:Ad 218, % Golfdom.

Wanted-Position as assistant pro in Chicago area. Have experience teaching and some club repair. Just discharged after 4 years Marine Corps. Desire to get established in golf. Age 25. Address Ad 219 % Golfdom.

Golf Pro seeks position. Age 38 and single. Recently discharged from Navy. Outstanding record as player and instructor; 15 years experience. Neat and of sober habits. Will go anywhere. Address Ad 220 % Golfdom.

Pro-greenkeeper, dependable, experienced man. Good teacher and thrifty maintainer of excellent course condition. Age 48. Married. Reliable and competent business man and cheerful personality. Highest references. Address Ad 221 % Golfdom. **Amateur**—who wishes to turn professional, would like to make connection as assistant professional. Is a golfer of ability, personality and trust. Address Ad 222 % Golfdom.

Pro desires position with club alert to opportunities of building up membership enthusiasm and patronage. Willing, progressive and trustworthy. Good player, teacher and business man. Fine references. Address Ad 223 % Golfdom.

Pro or Pro-Grnkr.—Real golf businessman who has developed noted pros and amateurs and has won highest recommendations from club officials and nationally known members, seeks club position after being in war work. Has been in golf in old country and here all his 50 active, healthy years, Father was prominent old country pro before him. Has served with first class record as pro and supt. at fine clubs. Vigorous, cheerful personality, thoroughly dependable and competent. Married; 2 children. Excellent references. Address: Ad 228, % Golfdom. Pro-Grnkpr.-Mgr.—Want to get back in golf from defense work. Have splendid record of doing a real business job at clubs, teaching, creating golf playing interest, getting and keeping the course in good condition. Wife is experienced clubhouse mgr. For full details Address: Ad 229, % Golfdom. Pro-Grnkpr.—Just out of the Army. Extensive and successful experience in course construction, and as pro and greenkeeper. Member of family well known for many years of excellent work in golf. Splendidly qualified for combination job or as proor greenkeeper. Finest recommendations from previous employers. Address: Ad 224, % Golfdom.

Ass't Pro-Out of Air Force as 1st Lt. (pilot). 26 years old. Former caddy. Won golf scholarship at boys' school near Boston and captained team. Then worked in New York as bank clerk. I want to work and learn at golf. Address: Ad 225, % Golfdom.

Greenkeeper—Recently out of military work, agricultural college graduate with very successful record as greenkeeper at prominent clubs. Known among greenkeeping authorities for effective and economical work in maintenance, construction, engineering and landscaping work on course and for record of marked improvement of each course with which he has been connected. References that really mean something. Address: Ad 226, % Golfdom.

Pro or Ass't—Capable and dependable instructor and shop businessman, 39 years old, in defense plant work since start of war. Was succesful pro at smaller city club for several years, then for 12 years shop and teaching ass't to well-known pro at prominent midwestern metropolitan club. Record shows thoroughly satisfactory performance for employers. Address: 227, % Golfdom.

Club Manager with splendid record, 10 years present position, desires make change or will take over food and beverage concession with well established club. Address: Ad 230, % Golfdom.