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 excellent control of chinch bugs when 10 pounds or more of technical DDT was applied 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 equipment 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 sufficient duration to kill any nymphs that might hatch from eggs deposited by adults that were present when the treatment was applied, 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 Sabadilla at the rate of 100 pounds per acre was generally recommended in New Jersey. Reports reaching the Experiment Station indicate that the home owner found that this treatment gave satisfactory control of chinch bugs during 1945.
GSA Annual Meet
(Continued from Page 26)

cational and research phases of greening, in most of the addresses at Cleveland. Dr. H. B. Musser of Pennsylvania State college advocated drastic revisions and extensions in the greening educational facilities in his address on "The Short Course as a Training Medium and Source of Technical Information on Turf Problems." Musser referred to numerous inquiries from war veterans who wanted to study course maintenance under the GI Bill of Rights educational provisions. J. E. Morley, regional supervisor of the U. S. Dept. of Labor also spoke on the problem of apprentice training in supplying golf with the good men it needs. The employees' training problem has been one of great perplexity and demands during the war and shows no signs of easing. The certain increase in use of machinery and chemicals in golf course work made especially interesting the convention address of Judge Lee. E. Skeel, pres., Cleveland Safety Council, on "The Safety Factor in Accident Prevention."

This matter of making golf course maintenance work more attractive to desirable young men, as well as retaining the competent experienced men, was mentioned in the USGA Green Section annual report by Fielding Wallace, chmn. of that section, in advising club officials of the situation that was bound to be spotlighted at the GSA affair. Wallace bluntly set forth that golf can't expect to get the sort of course maintenance it needs unless there's a warranted revision in the traditional scale of greenkeepers' salaries.

That realism of the USGA Green Section was further indicated by the close connection of the USGA with two developments that were subjects of GSA papers; "The Regional Cooperative Research Program," by Dr. O. A. Aamodt, head agronomist in charge, US, D. Dept. of Agriculture Research administration, who is head man on the government's end of the government-USGA collaboration; and the address by Dr. G. O. Mott, executive sec., Purdue university. Dr. Mott spoke on the Midwest Regional Turf Foundation, a very attractive phase of the Green Section's new regional cooperative policy.

One paper scheduled for delivery at the convention was cancelled by the grounding of a plane bringing Dr. James Tyson to Cleveland. Tyson was to speak on "Importance of Water and Air Drainage in Turf Production and Maintenance."

Probably of greatest general interest to golfers would have been the address of Wm. H. Johnson, supt. of Los Angeles' Griffith Park municipal course. Johnson spoke on "Some Trends on Municipal Golf," and in telling of progress and problems in that direction brought out that public course players now expect—and frequently get—course conditions superior to those of the best private clubs a couple of decades ago. The vast and speedy growth of public golf Johnson believes is only in its earlier stages and will be the strongest factor in more than doubling the number of the nation's golfers within the next few years. Other authoritative forecast of the imminent great growth of the game was made in the talk by Howard Dwight Smith, head advisory architect for the American Commission on Living War Memorials.

Papers presented at the educational conference will appear in GOLFDOM, from time to time, and will show the trend of today's growing importance of the turf field.

* SPALDING MAKES FIRST POST-WAR COAST SHIPMENT—From A. G. Spalding & Bros., Williamsett, Mass., the first postwar full freightcar of golf clubs has been made to the Pacific Coast. Spalding is rapidly increasing club production with prospect of having Bob Jones and Jimmy Thompson woods and irons available nationally in the spring.

Use "The Buyers' Page"—Page 64.
Buyers' Page

Check off your Supply & Equipment Needs. Tear out and mail this sheet to Golfdom, 407 S. Dearborn St., Chicago 5, Ill. You’ll get prices, literature and delivery information direct from the sources of supply.

Golf Course

Architects
Arsenate of lead
Ball washers
Bent grass stolons
Brown-patch preventives
Compost mixers
Compost spreaders
Cultivators: f'way □ green □
Drainage pipe
Drinking fountains
Fencing
Fertilizers
Fertilizer distributors
Flags (greens) □ Flag poles □
Flood lights
Fungicides
Hole cutters
Hose, 3/4" □ 1" □
Humus
Insecticides
Mole and gopher poisons
Mowers: putting green □
whirlwind □ tee □
fairway □ rough □ hand □
Mower grinders
Pipe, water
Playground equipment
Pumps (gals. per minute?.........)
Puttng cups
Rollers
Scythes (motor driven)

Pro Shop

Bags: canvas □ leather □
Bag carts, for players
Bag racks
Bag stands
Balls □ Driving range □
Ball markers □ Paint □
Bandages, adhesive
Braces for canvas bags
Buffing motors
Caddie badges □ uniforms □
Calks, for shoes
Caps and hats
Clubs: Woods □ Irons □
Club head covers
Club repair supplies
Dressing for grips □ bags □
Golf gloves
Golf shoes
Handicap racks □ cards □

Club House

Adding machines
Air conditioning equip.
Athletes foot preventives
Bars: fixed □ portable □
Bath slippers
Cash registers
China
Disinfectants
Fire protection equipment
Floor coverings
Glassware

Kitchen equipment:
Broilers
Coffee makers
Dish washers
Dishwashing compounds
Frozen food storage
Ice cube machines
Ovens □ Food warmers □
Ranges
Refrigerators
Slicing machines
Toasters
Vegetable peelers

Send information to: Name ____________________________
Club Address ____________________________
Town ____________________________ Zone (_______) State

February, 1946

Club
Title

Heaters: club house □
hot water □
Linens, dining room
Lockers
Runners for aisles □ Rugs □
Showers □ Shower mixers □
Shower clogs □ Shower mats □
Silverware
Steel furniture
Step treads
Tables, dining □ folding □
Toilet seat covers (paper)
Towels: bath □ face □
Uniforms
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SOLVE THE PEAK-LOAD OPERATING
PROBLEMS YOU'RE HEADING INTO!

With golf club patronage heading for record heights you'll need operating teamwork and know-how more than ever before.

For 19 years GOLFDOM has been helping golf club officials and department heads solve their administrative and operating problems the practical, economical way. We'll get your "team" on the beam if you'll send us your club's operating line-up in the form below.

FILL IN THE FORM BELOW — THEN MAIL THIS PAGE TO
GOLFDOM, 407 SOUTH DEARBORN STREET, CHICAGO 5, ILLINOIS

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President's name: ................................................................. (Zone: ..........)
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House Chairman's name: ................................................................. (Zone: ..........)
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Manager's name: ................................................................. (Zone: ..........)
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State: .................................................................

Green Chairman's name: ................................................................. (Zone: ..........)
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State: .................................................................

Greenkeeper's name: ................................................................. (Zone: ..........)
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Professional's name: ................................................................. (Zone: ..........)
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State: .................................................................

64

Golfdom
CLASSIFIED ADS

Lease Avail. 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. Must have experience in golf as a caddy, caddymaster, assistant pro and player. Well experienced in all phases of teaching and pro shop management. Ex-service man. Please write to Jack Alsop, 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.

Pro—or Greenkeeper. Do you want a worker? Then I am your man. 30 years experience. Prefer year-round job, either 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. 30 years' experience, would like position as Pro-Manager. Small town preferred. Class A member, PGA. Will teach, pleasing personality. Wife excellent executive. 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 203, % Golfdom.

Wanted—in Conn., Pro-Greenkeeper to take entire charge of course, maintenance of equipment and operation. 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, 1706 Vine St., West Des Moines, Iowa.


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 good 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. Please send address of publisher. Address: Ad 213, % Golfdom.

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


Wanted—Position as assistant pro in Chicago area. Have experience teaching and some club repair. Desires discharge from golf country. Man job or Desires to get established in golf. Age 25. Address Ad 219 % Golfdom.

Golf Pro seeks position. Age 38 and single. Recently discharged from military service as player and instructor; 15 years experience. Neat and of sober habits. Will go anywhere. Address Ad 220, % 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-Greenkeeper—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 in old country. Has served with first class record as pro and apt, at fine clubs. Vigorous, cheerful personality, thoroughly dependable and competent. Married, 2 children. Excellent references. Address: Ad 224, % Golfdom.

Pro-Greenkeeper, 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 225, % Golfdom.

Pro-Greenkeeper—Just out of the Army. Extensive and successful experience in course maintenance, both as pro and greenkeeper. Member of family well known for many years of excellent work in golf. Sincerely desires position with club, as club pro or greenkeeper. Finest recommendations from previous employers. Address: Ad 226, % Golfdom.

Asst 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 227, % 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 marked improvement of each course with which he has been connected. References that really mean something. Address: Ad 228, % Golfdom.

Pro or Ass’t—Capable and dependable instructor and shop businessman, 39 years old, in defense plant work since 1941. Would like position in large or smaller city club for several years, then for 12 years shop and teaching ass’t to well-known pro in prominent city. College graduate in golf club. Record shows thoroughly satisfactory performance. Address: Ad 229, % Golfdom.

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

February, 1946
TABLE OF CONTENTS

COVERS McSpaden waits turn as Ghezzi drives during Los Angeles Open at Riviera GC.

Making the Swing—by Herb Graffis........................................... 3
My “Dream” Clubhouse—by Herbert W. Koepke............................... 17
Managers Set for National Meeting.................................................. 19
Wilshire Serves Record Number of Meals........................................... 20
Aulbach Sifts Suggestions for PGA Course............................................ 21
Revise Events Program to Stir Play.................................................. 23
Greenekeepers’ 17th Annual Meeting................................................ 26
How to Improve Postwar Turf Maintenance—by O. J. Noer ....................... 27
Pro Business Outlook Best for Well-Schooled Youths......................... 32
Tipping Problem Growth Puzzles Managers........................................ 33
Golf’s Own Business—Editorial....................................................... 37
Controlling Hairy Chinch Bug—by Robt. S. Filmer.............................. 40
Fitting Short Course to Greenkeeping Needs—by H. B. Musser............... 42
Lawn Sinox Effective in Weed Control—by Paul Burdett....................... 49

ADVERTISERS

Acushnet Process Sales Co........................................... 2nd Cover
Alumicast Corporation.................................................. 4
American Agrí, Chemical Co., The............................................. 58
American Golf Foundation............................................. 3rd Cover
Associated Chemists, Inc.................................................. 6
Associated Seed Growers, Inc............................................... 48
Balanced Golf Bag.......................................................... 29
Buckner Manufacturing Co.................................................. 12
Burdett, Paul E.............................................................. 58
Calvert Distillers Corporation.................................................. 16
Clapper Company, The....................................................... 13
Cliperon Sports Equipment, Inc............................................. 56
Corcoran Incorporated........................................................ 51
Daray, Jack L................................................................. 61
Davis, Inc., George A......................................................... 8
Dea Moline Glove & Mfg Co.................................................. 47
Dolce Company, The C. B..................................................... 11
Dubow Mfg. Co., J. A......................................................... 57
DuPont Semesan Co.......................................................... 9-14
Ederer Co., R. J.............................................................. 52
Fate-Root-Heath Co......................................................... 11
Gandrud Co., E. S............................................................ 59
Golf Cart Supply Co...................................................... 7
Gordon Co., William F....................................................... 56
Graham Mfg. Co.............................................................. 54
Hagen Golf Division, Walter.................................................. 43
Hanson & Co., Howard......................................................... 58
Harris, Robert Bruce........................................................ 8
Henderson & Co., Peter...................................................... 62
Horner, R. S................................................................. 59
Jacobsen Mfg. Co............................................................ 45
Johnson, J. Oliver............................................................ 55
Langford, William B........................................................ 10
Leavitt Corporation......................................................... 60
Lewis Co., G. B............................................................... 58
McDowell Mfg. Co............................................................ 55
McMahan’s Seed Store....................................................... 61
MacGregor Golf, Inc........................................................ 38-39
Meliflex Products Co....................................................... 48
Metalsalts Corporation..................................................... 10
Perfection Sprinkler Co..................................................... 48
Royer Foundry & Machine Co............................................... 12
Scott & Sons Co., O. M....................................................... 15
Sewerage Commission....................................................... 14
Skinner Irrigation Co...................................................... 6
Smith, Kenneth............................................................... 53
Spalding & Bros., Inc., A. G............................................... 30-31
Stump & Walter Co.......................................................... 57
Sulka, M. J................................................................. 60
Swift & Company.............................................................. 13
Tull, Alfred H............................................................... 62
United States Rubber Co.................................................... 4th Cover
Veith Chemico Co.......................................................... 54
Vestal Co., The John H...................................................... 59
Wagner Co., Paul G.......................................................... 50
Whitney Seed Co............................................................ 55
Wilson Sporting Goods Co................................................... 34-35
Woodside Bent Grass Nurseries............................................... 52
Worthington Ball Co........................................................ 41
Worthington Mower Co....................................................... 5

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