

Buyers' Page

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Golf Course

Aerifier (for fairways)
Architects
Arsenate of lead
Ball washers
Bent grass stolons
Brown-patch preventives
Compost mixers
Compost spreaders
Cultivators: f'way green
Drinking fountains
Fencing
Fertilizers
Flags (greens) Flag poles
Flood lights
Fungicides
Golf Course Const'n Engineers

Harrows—(spring tooth)
Hole cutters
Hose, 3/4" 1"
Hose menders
Humus
Insecticides
Landscape materials
Leaf rake (power vacuum)
Mole Traps
Mowers: putting green
 whirlwind tee
 fairway rough hand
Mower grinders
Peat Moss
Pipe, water
Playground equipment
Pumps (gals. per minute?.....)
Putting cups

Scythes (motor driven)
Seed: fairway green
Seeders
Sod cutter
Soilscreeners Soil shredders
Sprayers: power hand
Spikers: greens fairway
Sprinklers: f'way green
Swimming pool architects
 equipment filtration
 purfy. chemicals paint
Tennis court surface material
Tractors
Tractor tires
Tractor wheel spuds
Turf Plugger
Water systems, fairway
Weed burners
Weed chemicals



Pro Shop

Bags: canvas leather
Bag carts, for players
Balls Driving range
Ball markers Painting kit
Ball Shag
Bandages, adhesive
Braces for canvas bags
Buffing motors
Caddie badges uniforms

Calks, for shoes
Caps and hats
Clubs: Woods Irons
Club carriers
Club head covers
Club repair supplies
Dressing for grips bags
Golf gloves
Golf Grips (all weather)
Golf shoes
Golf Practice Device
Grip Renovating Tool
Handicap racks cards

Mechanical Golf Ball Retriever
Pencils
Portable motor tool
Practice driving nets
Preserver for leather
Score cards
Sportswear: Shirts
 Slacks Rain jackets
 Windbreakers Socks
Tee mats Wood tees
Tees (rubber) for driving mats
Tennis nets
Trophies



Club House

Adding machines
Air conditioning equip.
Athletes foot preventives
Ath. foot prophylactic bath
Bath mats
Bath slippers
Cash registers
China
Disinfectants
Fire protection equipment
Floor coverings

Furniture
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
Glassware

Heaters: club house
 hot water
Linens, dining room
Lockers
Locker-room shoe brush
Movies of Golf Subjects
Runners for aisles Rugs
Shoe dryer and sterilizer
Showers Shower mixers
Shower clogs
Silverware
Step treads
Toilet seat covers (paper)
Towels: bath face
Uniforms

Send information
to: Name

Club
Title

Club Address

Town Zone (.....) State

MAY • 1947

TABLE OF CONTENTS — PAGE 106

Acme Sprinkler Co.	94	Kesl, Inc., B. J.	6
Acushnet Process Sales Co.	2nd Cover	Kosar Golf Development Laboratory	5
American Agricultural Chemical Co., The	20	L. A. Processing Co.	87
American Chemical Paint Co.	71	Lane Company, Edwin W.	103
American Fork & Hoe Co., The	28	Langford, William B.	98
American Mat Corporation	20	Leavitt Corporation	94
Associated Chemists, Inc.	26	Lewis Company, G. B.	12
Balanced Golf Bag, Inc.	45	Longstaff, Allan L.	99
Bean Mfg. Co., John	14	McClain Brothers Company	96-98-100
Big-Fore Golf Glove Co.	9	McKenzie Co., R. R.	9
Brearley Company	53	MacGregor Golf, Inc.	38-39
Brevard Country Club Nurseries	98	Mackray Mfg. Co.	104
Buckner Manufacturing Co.	22	Mallinckrodt Chemical Works	95
Burdett, Paul E.	100	Massachusetts Golf Assn., The	82
Burke Golf, Inc.	4	Masters Planter Company	22
Burke Co., The J. E.	10	Melflex Products Co.	49
Chamberlin Metal Products	89	Metalsalts Corporation	18
Champion Manufacturing Co.	11	Modern Manufacturing Co.	24
Chicago Wheel & Mfg. Co.	4	Murdock Mfg. & Supply Co., The	86
Chipman Chemical Co. Inc.	88	Na-Churs Plant Food Co.	87
Clemson Bros. Inc.	92	Nelson Mfg. Co., L. R.	18
Colby Co., Eli	92	North British Rubber Import Co.	63
Cunningham, Son & Co., James	93	North & Pfeiffer Mfg. Co.	97
Daray, Jack L.	100	Nutria Peat Sales Company	95
Davis, Inc., George A.	14	Old Orchard Turf Nurseries	97
Des Moines Glove & Mfg. Co.	41	Pab Yarns Corporation	8
Diamond Metal Products Co.	85	Perfection Sprinkler Co.	90
Dow Chemical Company	17	Phillips, Inc., F. C.	7
Driving Range Specialties	4	Ralston Purina Company	86
Dubow Mfg. Co. Inc., J. A.	8	Roseman Tractor Mower Co.	77
Duncan-Morris Company	83	Rotoflo Power Motor Mfg. Co.	27
Dunn, Seymour	99	Royer Foundry & Machine Co.	16
DuPont Semesan Company	15	Sanders Manufacturing Co.	6
Durable Mat Company	85	Sani-Tread Company, Inc.	93
Eastern Golf Company	96-98	Scott & Sons Co., O. M.	8
Ederer Company, R. J.	7	Sewerage Commission	22
Fate-Root-Heath Co.	19	Shane Uniform Company	84
Fonken Manufacturing Co.	75	Sherwin-Williams Co., The	21
Fulname Co., The	94	Skinner Irrigation Company	16
Gallowhur Chemical Corporation	24	Smith, Kenneth	12
General Bandages, Inc.	5	Spalding & Bros. Inc., A. G.	54-55
Godwin, Hiram F.	100	Speedy Manufacturing Co.	25
Golf & Garden Equipment Co.	24	Sporting Goods, Inc.	3rd Cover
Golf Cart Supply Co.	13	Stumpp & Walter Co.	93
Golfercraft, Inc.	35	Sulka, M. J.	98
Golf Tee Company	79	Terminal Sales Corporation	99
Goorin Company	6	Toro Manufacturing Company	73
Gordon, William F.	3	Town Talk Manufacturing Co.	8
Graham Manufacturing Co.	87	Trophy & Medal Shop	13
Hagen Golf Division, Walter	58-59	Tull, Alfred H.	99
Hardie Manufacturing Co.	19	United States Rubber Company	4th Cover
Harris, Robert Bruce	99	U. S. Rubber Co. Agri. Chemicals Div.	23
Harrison, James Gilmore	98	Vestal Company, The John H.	96
Healthways of Hollywood	67	Wagner Company, Paul G.	11
Hillrich & Bradsby Co.	61	Whirlwind Lawn Mower Corp.	95
Hollywood Film Enterprises, Inc.	10	Whitney Seed Company	96
Hornor, R. S.	103	Wilkinson, Willard G.	99
Horton Manufacturing Co.	43	Wilson & Company	90
Jackman Sportswear Co. Inc.	56	Wilson Sporting Goods Co.	46-47
Jacobsen Manufacturing Co.	80	Worthington Ball Company	51
Jari Products, Inc.	91	Worthington Mower Company	69-96
Johnson Seed Co., J. Oliver	91		
Jones, Robert Trent	100		

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Melflex in New Plant

W. L. "Bert" Warford, pres., and Wilson Brooks, sales mgr., of Melflex Products Company, Akron, O., joined with their office and production staffs in playing proud hosts at a housewarming April 5th, celebrating the opening of the modern new Melflex home. Formerly at 415 Wheeler Lane, the new plant is located at 410 S. Broadway where both space and facilities have been multiplied to meet the greatly increased demand for the company's widely used line of underfoot safety-surfacing for golf clubs.

WINDIAL FOR CLUBS—The "Windial" Indicator, part of a new wind indicating system recently developed by the Friez Instrument Division of Bendix Aviation Corp., Baltimore, Maryland, may be placed in the clubroom or course supt's office and tells the wind speed in miles per hour and direction in degrees of the compass. The "Windial" system combines into one instrument a wind vane and a propeller type anemometer of advanced design. This instrument is placed outdoors in the unobstructed flow of the wind and transmits wind speed and direction electrically to the indoor indicator. It plugs into any standard 115-volt A. C. outlet. The two indirectly illuminated dials of modern design give continuous indications of every gust and lull and change in direction of the wind.

Preparing for Tourneys

(Continued from page 60)

renovation of traps, aeration of greens by forking or drilling, checking pH and plant nutrient supply by occasional soil analyses, preventing turf matting by good cutting practices and grooming, adjusting and sharpening mowers to assure efficient operation, and in general make our good housekeeping perfect.

Sighting of any detail of the program or oversight in planning the program thoroughly in advance will result in an accumulation of pre-tournament work that could far overtax the physical ability of the superintendent and his men.

The greenkeeping supt. must see his course, his planning, his men and his results through the eyes of qualified observers as a check on his own expert close-up knowledge of the work to be done and the objective of perfect playing conditions.

The supt. should bear in mind that his Association, the Green Section and all others interested in the progress of turf culture and the men in this profession are behind him to help in the many problems of conditioning a golf course for tournaments.

May, 1947



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Patented Pointer Type

Topdressing Bent Greens

(Continued from page 44)

Sterilizing Topdressing

At one time some clubs used steam to sterilize topdressing and kill the weed seeds in it. Others employed dry heat. Steam chests containing lines of perforated iron pipes were constructed, and an old boiler was used to generate the steam. The soil was steamed until small potatoes imbedded in it were thoroughly cooked. Those who used the dry heat method would spread a thin layer of soil on a large sheet of quarter-inch steel plate. A fire was built underneath. The soil was scraped off after it became thoroughly warm. If heated too hot, or too long, destruction of organic matter may occur. Very few continue to use either method because they are costly.

Most weed seeds will be killed in the soil bed during cultivation, or from the shading effect of the cover crop. There is an easier and better way to kill any remaining stray viable seeds than by steam or dry heat sterilization.

The addition, during mixing, of a 100 lb. bag of vegetable meal (cottonseed, soy bean, etc.) or of Milorganite per yard of finished topdressing will eliminate weeds.

These organic materials generate heat within the damp pile and tend to dry the mixture besides killing weeds. Temperatures may reach 135 to 150 degrees Fahrenheit, but will gradually subside to normal during storage in the soil shed. Hot topdressing should not be spread on greens during warm weather because it is apt to scorch the grass. The pile should be reworked first to reduce its temperature, but the best plan is to make the topdressing 3 or 4 weeks beforehand so that heat will dissipate naturally.

Dr. DeFrance of the Rhode Island Experiment Station at Kingston, R.I., devised a method of sterilizing topdressing with cyanamid. The method is similar to the one for vegetable meals. The rate for cyanamid is 13 to 14 pounds per yard of topdressing. Specific instruction can be obtained by writing to the Rhode Island Station for a copy of the publication describing the method.

When either method is used, the amount

of nitrogen furnished by the vegetable meal, or by the cyanamid, should be deducted from the amount customarily applied in fertilizer.

Chloropicrin, or tear gas, is another material which can be used to sterilize topdressing. It is a volatile liquid and is injected into the pile, which is covered with wet burlap or canvas to keep the fumes in contact with the soil long enough to kill the seeds. Details as to method and amount to use can be obtained from the producers of chloropicrin, or the local distributor of the product.

Fertilizers such as superphosphate, muriate of potash, 0-12-12, etc., and even nitrogenous materials can be mixed and applied with topdressing. This method eliminates the danger of scorching the grass and is an excellent way to provide phosphate and potash. As stated elsewhere, it is not so desirable to have topdressing rich in nitrogen. There are times when greens need to be topdressed, but the grass has plenty of nitrogen already. Then a topdressing rich in nitrogen will provide too much and will make the grass too soft.

Test Topdressing Reaction

The finished topdressing mixture should be tested for reaction. When it is moderate to strongly acid, enough lime should be mixed with the topdressing to make the mixture very slightly acid, or greens should receive enough lime in late fall or early spring to counteract the acidifying effect of the topdressing used during that or the preceding season.

Every golf club should have a soil storage shed large enough to hold a season's supply of mixed topdressing with enough room for extra soil and humus. A good roof is essential, but the sides and ends can be open or closed part way up from the ground. Enough topdressing can be made when convenient in the fall for the entire season following, and stored where it will be dry and in good condition for spreading whenever it is needed. It is impossible to do a good job of spreading wet topdressing by hand or by machine.

The Root spreader is the only machine now on the market which will spread topdressing efficiently. Success with it depends upon having the topdressing reasonably dry. Hand spreading with shovels is a common method. The topdressing is

dumped in piles alongside the green, and is spread from shovels with a long, sweeping, quick swing. Experienced workmen can do a green quickly, and will spread the topdressing uniformly over the surface.

Working In Topdressing

Topdressing is worked into the turf with the back of rakes or by dragging a flexible steel mat over the surface. When the green is rough from innumerable slight saucer-like depressions, the rope handle for dragging the mat should be attached to the extreme ends of the long side, so the mat does not flex and follow the contours. Then it will drag topdressing off the high spots, and deposit it in the depressions. More frequent topdressing is justified on such greens to develop a true surface. The rate should be slightly heavier also. For use on greens with true surfaces, the rope dragline should be attached to the short end of the flexible steel mat so it will follow contours when dragged across the green to mat the topdressing into the turf. After the topdressing disappears, any pebbles or coarse debris left on the surface is removed with a dandelion rake.

From 1 to 1½ yards per 5000 sq. ft. of topdressing can be used on creeping and colonial bent greens in early spring and late fall. Not more than ½ to ¾ yd. should be used at other times. More than that may smother the grass and retard its growth. Greens of velvet bent, or those with a high percentage of it should never receive more than ½ to ¾ yard to 5000 square feet at any one time. It is impossible to work more than that into the turf. Larger rates smother the velvet and retard its growth.

Greens with heavily matted turf should not get topdressing until after the surplus mat of grass has been removed. Heavy topdressing buries matted grass, but does not eliminate it. The buried grass makes the surface spongy and undergoes rapid decomposition during hot, wet weather. Whenever the green is too wet, the products of decomposition are injurious to grass and are a contributing cause of the injury usually called "scald" for want of a better name. When the grass is not too badly matted, the surplus can be taken off at one time by cross-raking and close cutting one or more times as need be.

This operation is best done in early spring, about the time growth starts. It should not be attempted in hot weather. The green should be fertilized and topdressed immediately after the mat is removed. An entire season may be required to remove the surplus grass on greens with an excessive amount of mat. Instead of using rakes, the better way is to brush or comb the turf once a week throughout the season. Brushing can be more severe in cool than in hot weather. No topdressing

should be used until the turf is tight so the topdressing will make contact with the soil.

Greens received very little topdressing during the war because of the manpower shortage. Even before that time, the tendency was to topdress less frequently. This was the case even on the vegetatively planted strains such as Washington, which was supposed to need topdressing every 3 or 4 weeks to keep the turf tight. Many greens have not been topdressed for 3 to 4 years, and some for a much longer time. Putting surfaces are still good where daily close cutting is practiced and where brushes are used to prevent mat formation. Discarding front rollers is a distinct help in that regard, and should be done wherever possible. In other cases the comb should be used on Toro mowers, and the steel brush on other makes. With a good tight turf, one topdressing in the spring and another in fall should be sufficient.

Soil structure in the greens on some courses is bad, and sand, peat or clay layers cause trouble on other greens. More frequent topdressing at the maximum rate which the turf can withstand is justifiable in these cases until a good soil structure is developed. Deep forking or drilling in the spring and fall before applying topdressing is desirable also.

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Wanted to Lease—an 18 hole golf course. Write stating terms and location to "Scotty", Ad 504, c/o Golfdom.

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TABLE OF CONTENTS

Front cover: Scene during the Philadelphia Inquirer Tournament of 1946 at Llanerch CC, Philadelphia.

Swinging Around Golf	3
Minnesota's Golf Clinic..... By Len Mattson and Wint Christianson	29
A 50-Year Survey of the Greenkeeper's Job..... By W. E. Langton	31
Pro and Members Benefit from Competitive Programs..... By Marion Askew	33
One Year's Fast Work Builds New Club..... By Albert Stirling	37
Topdressing and Its Use on Bent Grass Greens..... By O. J. Noer	44
Organize and Supervise to Improve Club Operation..... By Lionel F. Calloway	48
Golf in Schools Accents Need of More Courses..... By Wm. Wotherspoon	52
Preparing for Championships..... By Malcolm McLaren and Ed Casey	57
New Method of Keeping Scores Cuts Bookkeeping..... By LeRoy Allman	62
Equipment Building That's a Practical Ideal..... By Ray Gerber	64
Eye-Level Display Helps Sell Clubs..... By Jim Wagner	68
So. Calif. Pros Honor Greenkeepers and Amateurs.....	72
Western Golf Has Complete Caddie Kit.....	74
Correct Spraying Cuts Cost of 2,4-D Results..... By Keith Barrows	76
New Lesson Book is Strong Pro Propaganda.....	81
Chicago Open for Vet Hospitals.....	84
The Greenkeeper as a Master Salesman..... By William Lyons	87

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