Herbicide Law. The regulations governing the sale and use of hormone type herbicides as well as counties exempt from the law were discussed.

Professor A. F. DeWerth, Head of the Department of Floriculture and Landscape Architecture at Texas A. & M. gave a discussion on the "Care and Management of Ornamentals". The physical soil requirements for shrubs as outlined by Professor DeWerth were markedly similar to those for a good putting green. The necessity of using the proper fertilizer, balanced according to the needs of the plant, was emphasized. The selection of adapted ornamentals is just as important in reducing maintenance costs as the selection of adapted turf grasses according to Professor DeWerth. He closed by saying that during periods of high temperature maintenance operations should be reduced to a minimum and that usually proper watering is all that is required.

Crabgrass Control Tests

Dr. J. R. Watson, Jr., in charge of turf research, reported the results of the National Coordinated Crabgrass Control Tests conducted by the Texas Agricultural Experiment Station, at Substation No. 22, Kirbyville, Texas. The results indicate that complete chemical control of crabgrass in turf is now a definite possibility, however, chemicals are not the ultimate answer to crabgrass control. The importance of proper management in the prevention of crabgrass infestation was stressed. W. E. Zimmerman, Turf Specialist with the American Cyanamid Company, covered the highlights of "What's New in Crabgrass Control". He also gave a thorough discussion on the control of weeds in seedbeds prior to the establishment of desirable turf.

During a question and answer period, many individual problems not covered by speakers were considered and possible solutions proposed by a panel of experts on turf management.

At the annual business meeting of the Texas Turf Association the following officers were elected for 1952. President, Dick King, Director Mt. Olivet Cemetery, Ft. Worth, Texas; Vice-President, Jim Jennings, Superintendent, River Oaks Country Club, Houston; Secretary-Treasurer, Bob Shelton, Director of City Parks, Tyler, Texas.

PGA MEET SERENE

(Continued from page 32)

turn-over in tournaments due to discouragement of previous sponsors, trend toward exhibitions and invitation tournaments among higher ranking clubs rather than tournaments.

Advisory committee also proposed that



all tournament sponsors be invited to attend a one day tournament management conference to be held in conjunction with 1952 PGA meeting.

The session of manufacturers' representatives and PGA dealt with routine business practice.

Patty Berg, pres., Women's PGA, attended the first day's meeting of delegates. Patty spoke briefly on the women pros' European tour and expressed gratitude for men pros' aid in getting the Women's PGA well established.

Resolutions Approved

Resolution to provide basis for educational and relief trust funds was approved as was a resolution giving sections authority to set length of a season in their respective localities in order to define "one year of service" in PGA eligibility. The meeting also approved expanding field of tournament players allowed to vote on tournament matters and hold tournament committee office beyond present limit of those who play in 50% of a year's tournaments, or are one of a year's 25 leading money winners or have played on Ryder Cup teams. New regulations expand the tournament committee eligibles from about 55 to 100 and make eligible many former stars.

The convention passed a resolution making members' dues payments on the basis of the PGA fiscal year instead of the calendar year and raised dues of Class D members from \$15 to \$20. Class D members' expenses include \$13.06 for insurance, \$1.50 for magazine subscription and \$5 for the PGA National Golf Club.

Delegates also passed a resolution requesting the city of Dunedin to share in PGA course operating expenses as the course had become a substantial civic asset.

Caywood New "Supervisor"

The Tournament committee, with approval of the Executive committee, hired Frank Caywood of Kansas City, Mo. to succeed Howard Capps as Tournament Supervisor. Caywood, 31, and unmarried, comes from the insurance business. He has been prominent in Junior Chamber of Commerce affairs and took a leading part in managing the Jaycee-sponsored Kansas City 1950 and 1951 Opens,

The tournament matters handled at the convention also included release of a statement PGA officials got by telephone from Richard Tufts of Pinehurst, Inc., in which Tufts reaffirmed friendly relations with PGA and expressed gratification with the Ryder Cup matches. He gave everybody a nice out on the "regrettable" incidents of the North and South tournament. Tufts had sent the PGA a check for \$24,900 as the Ryder Cup gate. There's nothing "regrettable" about \$24,900 coming into the PGA kitty.

PGA also announced that deal for its 1952 championship at Big Springs CC, Louisville, Ky., June 18-24 assured the association a minimum of \$25,000.

Business Experts Speak

The educational session on the concluding day of the convention was opened by John Paul Jones of George S. May Co. who spoke on merchandising policies for the pro. He said closer inventory control would protect pros against over-buying. He counseled against cutting prices, suggesting it would be better to throw in headcovers or some other premium rather than reduce prices on clubs as it is hard to stop price reducing once it's started with members.

Ewing Stumm of National Cash Register in his talk advised cutting prices on stock that didn't move rather than keeping the investment frozen. Stumm suggested that giving employees a bonus for moving goods often sold the slow stuff faster than cutting prices. He reminded pros that often in retailing 65% of the customer's dollar represents the cost of the merchandise, 25% to 30% is expenses and 5% to 10% is all that belongs to the merchant as profit.

He mentioned as factors accounting for slow turn-over of stock over-buying, prices out of line, lack of selling effort, poor selection of merchandise, wrong sizes and styles. Stumm also advised that pros pay more attention to preventing theft and neglect to charge tickets, and to increasing their inventory turnover, impressing upon them that every time they turned over stock they made a profit on their investment.

"High Standard of Behavior"

B. H. Ridder, new member of PGA Advisory committee, said that private and public course players always expect a high standard of behavior of pros and are seldom disappointed. He referred to the increase in junior golf as another development making it essential that the pro be the highest type of gentleman sportsman, pro or amateur. Ridder, veteran golfer and newspaper publisher, deplored the tournament sour publicity as an unfortunate result of neglect of the amenities which the representative pros observe in their personal relationships.

Totton P. Hefflefinger, who'll be the next pres. of USGA, spoke on mutual responsibilities of the USGA and PGA to golfers and golf clubs. Joe Dey, executive sec., USGA gave an instructive talk on the new rules and changes from the previous code. Joe said the new rules, agreed upon by the USGA, R&A, Royal Canadian and Royal Australian probably would remain in effect for many years. He urged that all pros study the rules carefully,



making a habit of carefully reading and considering at least one a day until they not only understand the letter of each rule but the reason for it.

The revised book now is available from the USGA, 40 E. 38th st., New York 16, N. Y. at 25 cents a copy. The USGA also makes available at moderate cost rule books with club name on the covers.

Golf Promotion Teamwork Scores

Herb Graffis followed up reports of the PGA Education committee headed by Eddie Duino, the Junior Promotion committee headed by George Lake and the War Services committee headed by Joe De-Vaney, with a report on the year's work of the National Golf Foundation. Among the recent cooperative jobs of the Foun-dation and the PGA is a new book "Planning the Professional's Shop," giving details of design, construction and equipping of the pro shop that satisfactorily serves players and makes a profit for the pro. The book, which was warmly approved by professionals at the convention, may be obtained from National Golf Foundation, 407 S. Dearborn st., Chicago 5, Ill.

Graffis outlined the close cooperation between the PGA pros and the Foundation in junior and school promotion. Lake had previously reported that PGA pros had recorded 36,518 junior pupils had received instruction through the PGA Junior promotion program in 1951.

Shortage of golf facilities is an urgent problem on which the Foundation is working. The Foundation is increasing its staff and promotion work to get more courses and practice ranges built. Considerable work was done past year on military and corporation employee course planning.

Vivid evidence of the highly effective tie-up between the U. S. Junior Chamber of Commerce, PGA pros and the National Golf Foundation was shown in the new Jaycee film "The Boy Next Door", telling the story of the world's biggest golf championship, the Jaycee national junior championship, with 20,000 entries, and having its 1951 finale at Durham, N. C. The film was produced by Picture House of Chicago, under Jaycee and National Golf Foundatoin sponsorship. It is 16 mm, color and sound, and runs 22 minutes. Primary distribution is through the 2000 Jaycee chapters but prints are being made available to golf clubs, civic groups and PGA sections. No rental charge is made for the film. Inquiries should be addressed to Sports Director, U.S. Junior Chamber of Commerce, 209 S. State St., Chicago, Ill.



January, 1952



GOLF PROS VISIT SPALDING FACTORY

Shown at a meeting with Spalding's Manufacturing and Executive Groups during which the Spalding "lines" were discussed, are, standing (L to R): Gordon Browne, Spalding merchandise mgr.; Mike Turnesa, White Plains, N. Y.; Ben Axton; Joe Preston; Gordon Richards, Seattle, Wash.; Larry Lamberger, Portland, Ore.; Wiffy Cox, Washington, D. C.; George Dawson, Asst. to the Spalding pres.; Don Tait; Ray Gifford, Dallas, Texas; Ralph Hutchison, Bethlehem, Pa.; Al Brosch, Garden City, Long Island, N. Y.; Jerry Barber, Los Angeles, Calif. Seated, (counter-clockwise); Frank Williamson, in charge of golf club manufacturing dept.; Johnny Palmer, Badin, N. C.; Jimmy Long; Matt Kiernan, asst. vp in charge of golf pro sales; Luke Smith, asst. merchandise mgr.; Buck White, Greenwood, Miss.; Tommy Harmon, Montclair, N. J.; Al Watrous, Detroit, Mich.

ETONIC TROPHY WON BY OTIS, SO. CALIF. ASST. PRO



Wayne Otis (right), recent winner of the Southern California PGA assistants tournament, is presented perpetual Etonic All-Weather Golf Shoe Trophy by Lester A. Chamberlain, West Coast representative of the company. Otis, who is assistant to George Lake of Recreation Park, Long Beach, Cal., won one up over Warren McCarty in a close match at the Fox Hills GC.

Michigan Peat, which is in lively de-mand for greens improvement, will dis-play its merits in Booth 7 at the Supts. national turf conference. E. Poppel will be in charge.

NEW FOLDING CADDY CART



"Caddy Master" is name of new folding caddy cart, recently introduced by The National Die Casting Co. of Chicago. Easy folding action permits opening or closing cart in seconds. Other features include adjustable handle to assure proper balance regardless of size or weight of bag. Cart accommodates all size bags including the pipe organ style bag. Wheels are 12" in diameter with oil-

ite and semi-pneumatic, puncture-proof tires. Construction is durable, rust-proof, high strength aluminum. Cart folds to a 14" width and is backed by a one-year guarantee against defects in materials and workmanship.



RIEGEL JOINS WILSON STAFF

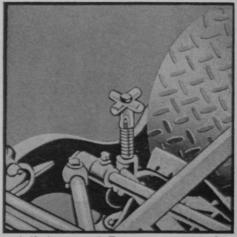
Robert (Skee) Riegel, runner-up in 1951's Master's Championship at Augusta (Ga.), has joined Wilson Sporting Goods Co.'s golf advisory staff, it is announced by L. G. (Plug) Osborne, director of the professional golf division. Riegel ranked eighth among the leading money winners in the 1951 final money standings, his second year on the circuit. The 37-year-old professional from New Bloomfield (Pa.) has been a high finisher in many tournaments since joining the professional ranks in 1949. In 1947, Riegel defeated John Dawson 2 and 1 to win the National Amateur championship at the Pebble Beach (Cal.) CC.

ROSEMAN ANNOUNCES NEW HAND REEL ADJUSTMENT

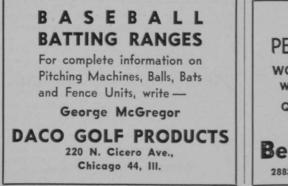
The Roseman Mower Corporation of Evanston, Ill. announces a new "E-Z-just" hand reel adjustment for the Roseman line of gang mowers which permits quick, simple, easy and accurate adjustment of the bed knife to the reel without the use of wrenches or other hand tools, and replaces the wrench type adjustment formerly used.



A conversion kit is now available to change over the old wrench-type reel adjustment on all present 30" model Roseman mowers now in service and produced since 1946, to the new "E-Z-just" hand wheel adjustment. Users wishing to con-



vert their present Roseman mowers during the winter months may obtain full information from the company by writing for details.



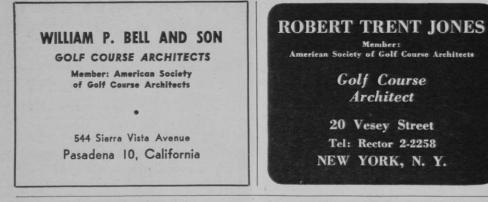
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West Point Host to Turf Authorities

For the third successive year the Philadelphia Golf Course Supts. Assn. held their December meeting in cooperation with West Point Lawn Products. The



joint meeting is held each year for discussing aerification practices.

The 1951 meeting attracted over 80, including many visitors from other sections. Jim Conway, Pres., of the Philadelphia association, introduced the guests who included Bob Shields, Pres., Mid-Atlantic Assn. of Golf Course Supts. and Jimmy Thomas and Bill Glover from the same group. New Jersey Golf Course Supts. Assn. was represented by Ed Casey, Pres.; also Sherwood Moore, Mel

For Information About **PAUL HAHN TRICK SHOT ARTIST** Write, Wire or Phone Ray Valind, Business Manager 5556 Beaumont Ave. La Jolla, California Phone: Glencove 5-7236

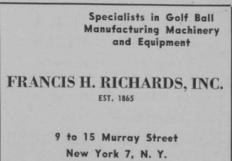
Lucas and Lew Weiland. Ted Weisser, Pres., Pocono Turf Assn. was among the guests. From Washington, D. C. came Charlie Wilson, extension man for the USGA Green Section; Jack Amatt, Agronomist with the U. S. Air Force; Burton Kiltz, Agronomist with the U. S. Army; and Alton Rabbitt, Agronomist with the Navy.

Speakers from Penn State College set the pace for the afternoon's educational program. Dr. R. B. Alderfer gave an illustrated talk on soil structure. Ed Merkel, graduate student, presented his report on the aerification studies being carried out under a Research Fellowship sponsored by West Point Lawn Products.

Charles K. Hallowell, Philadelphia County Agent led the discussion period. Superintendents emphasized that aerification is a routine part of their maintenance procedures. It is a necessity for getting water down through the turf and into the soil. Aerification was described as the "fool-proof" method for renovating poor turf areas.

CHLORDANE FOR CRABGRASS

Michigan Agricultural Experiment Station, Michigan State College, East Lansing, Mich., has reprinted "Use of Chlor-



Telephone BArclay 7-7180-1

dane for Control of Crabgrass (A Preliminary Report)" by B. H. Grigsby, dept. botany and plant pathology. Tests showed 5 to 25 lbs. chlordane applied to soil in which crabgrass seeds were germinating reduced emergence of crabgrass seed. Foliage applications of 5 to 10 lbs. chlor-dane per acre, in a refined oil carrier, gave rapid kill of crabgrass without injury to lawn grass. Bents appeared to be tolerant of oil-chlordane mixture. Oil-chlordane mixture killed chickweed about as readily as crabgrass.

NEW SALES REPS FOR FOOT-JOY

C. L. Wilcox, V.P., Field & Flint Co., Brockton, Mass., makers of Foot-Joy golf and sports shoes, announces the appoint-ment of Maurice Marabon, 29 Hutchinson Blvd., Mt. Vernon, N. Y., as salesman to the golf pro trade in northern New Jersey and metropolitan New York including upper New York state. Newly assigned also to serve the pros in the New England States and eastern New York, is Lawrence Bove, 3 Park View Ave., Newtonville (Boston dist.) Mass.

BREARLY

FOR 1952



One of the new Congo golf caps for 1952 is this sleek, trim-fitting plaid for men and women. It's Model 441, with Texon water-repellent visor; in red, blue, and green multi-colored plaids. Same style cap, Model 439, has airy mesh side panels in contrasting white. At right is the new Congo Model 1206, snap-down cap in a choice of two gay woven plaids. Tropical weight, with extra full crown, rayon satin lining, a breezeway front of white net material, and water repellent Texon visor. Same style cap, Model 1205, is in plain white Twill. There's extra shading area in front and on sides with Congo exclusive style model 701, at bottom left, to protect face and ears from

January. 1952

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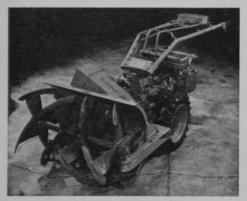




blistering sun. Water repellent Poplin in tan, red, green and white with hinged Texon visor. Full details from The Brearley Co., Rockford, Ill.

TORO INTRODUCES NEW SNOW PLOW

A new, highly maneuverable snow plow, which will clear a ton of snow per minute, is being introduced by Toro Manufacturing Corp. of Minneapolis. To be known as the Toro Snow Boy, the rotary plow, a snow blower, will clear a 33-inch path

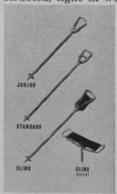


through soft or packed-down drifts and remove 500 cubic yards of snow in an hour. It will throw snow 65 feet in any way the operator chooses, which eliminates snow banks and the possibility of drifting. It is designed for streets, sidewalks, club grounds, parks, skating rinks, parking lots and other places where snow removal is a problem.

The machine with an over-all length of eight feet six inches and weighing 990 pounds has six forward and two reverse speeds, ranging from one-third to two and three-quarters miles per hour. The wheels have independent clutches for easy turning in small places. The rotary blades have four speeds, ranging from 500 to 2100 r.p.m. The ten horse-power motor has been found powerful enough for the deepest drifts.

FEATHERWATE SEAT STICKS, UMBRELLAS NOW IMPORTED

General Sportcraft Co., Ltd., 215 4th av., New York 3, now is importing for distribution thru pro shops Buttons Ltd. line of Featherwate seat sticks and umbrella-seat stick combination. The line is smart-looking, sturdily and trimly constructed, light in weight and attractively



priced. The Featherwate items are extensively used at the leading British golf and other field sport events.

In addition to the 16 oz. Standard model there are "luxury" models with large leather and tartan seats, a three-legged seat stick, and a junior model for youngsters. A Featherwate innovation is the Pouchette, a

small pouch matched to the seat stick and clipped to it, for carrying cosmetics, handkerchief, cigarettes, etc.

Price range and pro discounts make the Featherwate line look like it will go big in caring for increasing pro shop market in seat sticks and seat stick-umbrellas.

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We make these blades in several styles to fit the different makes and types of Lawn Mowers—including the small Hand Trimmer—Hand and Tee Mowers—Putting Green Mowers—Power Mowers and the large Gang or Fairway Mowers. Best quality knife steel, electric furnace heat treated to insure long wear and fully guaranteed to give complete satisfaction. You save important money buying direct from manufacturer.

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Golf Course

Aerifying equipt.: Fairway 🗌 green Architects: course 🗌 house 🗌 **Ball** washers Ball Washing Compounds Bent grass stolons Brown-patch preventives Compost mixers Crabgrass control Drinking fountains Fencing Fertilizers Flags (greens) 🗌 Flag poles 🗌 Flood lights Fungicides Gasoline engines

Pro Shop

Bags: canvas 🗌 leather 🔲 Bag carts, for players Balls: Regular 🗌 Range 🗌 Ball mfg. equipt. 🗌 Ball markers **Ball** retriever Bandages, adhesive Buffing motors Calks, for shoes Caps and hats Club cleaning machine Clubs: Woods 🗌 Irons 🗍 Putters 🗌 Club head covers

Club House

Air conditioning equip. Athletes foot preventives Bath mats Bath slippers Bars Deodorants Disinfectants

Golf Course Const'n Engineers Hedge trimmers Hole cutters Hose, ¾" 🗌 I'' 🔲 Humus Insecticides Lapping-in machine Miniature Course Const'n 🗌 Mowers: putting green whirlwind 🗌 tee 🗌 fairway 🗌 rough 🗌 hand 🔲 Mower grinders Compost, prepared Peat Moss Pipe Playground equipment Pumps Putting cups Refuse containers

Club repair supplies Club separators for bags Cushion-sole Inserts Dressing for grips 🗌 bags 🔲 Golf gloves Golf Grips: Leather 🗌 Composition [] Golf Practice Devices Golf Practice Glove Golf shoes Grip preparation for hands Handicap racks 🗌 cards 🔲 Luggage (leather) Mech. Range Ball Retriever Pencils Portable motor tool Practice driving nets

*

Floor coverings Folding Table (Banquet) Kitchen equipment: Dish washers Frozen food storage Ice cube machines Slicing machines Link Type Mats Lockers

Rollers: power 🗌 water filled 🔲 Root cutter Sand (for greens, tees) Scythes (motor driven) Sedge peat Seed: fairway 🗌 green 🗍 Sod cutter Soil screeners 🗌 Soil shredders 🔲 Sprayers: power 🗌 hand 🔲 Spikers: greens 🗌 fairway 🔲 Sprinklers: f'way 🗌 green 🗌 Stiles (over fence) Sweepers (power or hand) Swimming Pool equipment Swimming pool cleanser Topdressing Tractors Tractor wheel spuds Water systems, fairway Weed chemicals

Preserver for leather Printing Pro accounting book Range ball washer Rubber-spiked overshoes Score cards Shoe spike wrench Sport seats Sportswear: Shirts 🗌 Socks 🗌 Sport jackets 🗌 Rain jackets 🗋 Windbreakers 🗋 Slacks 🗋 Tees (wood)
plastic
Tee & Score Card Holder Tee mats 🗌 Tees (rubber) for driving mats Teeing device (automatic) **Tennis** nets Trophies

Menu Service Movies of golf subjects Playing cards Printing Runners for aisles 🗌 Rugs 🗌 Showers 🗌 Shower mixers 🔲 Step treads Towels: bath 🗌 face 🔲

Send information to: Name	Club Title
Club	Address
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January, 1952

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Name of club:		Daily Fee NUMBER Muny OF HOLES	
Zone () State	Ву	Club Position	
President's: name		(Zone)	
Add:		State:	
Secretary's: name		(Zone)	
Add:		State:	
Manager's: name			
Add:		State:	
Green Chrmn's: name			
Add:		State:	
Greenkeeper's: name		(Zone)	
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Professional's: name		(Zone)	
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