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Sanforized twill, padded forehead shield, adjustable elastic back, fits all heads. Colors: white, tan, blue or green. White visor is underlined with green material. 50c Retail.



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FOREST HILLS . . . No. 395

Sanforized Gabardine, felt sweatband. Colors: white, blue, tan and green. White cap has green lining under visor. Small, medium, large and extra large sizes. 50c Retail.

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THE BREARLEY CO., Rockford, III. Headquarters for Sunshine Headwear

April, 1941

females of which ascend the trees during the month of October or early November. Bands must be put on at that time. In gypsy moth areas the banding can be done at a different time.

The band of sticky material is applied by smoothing a ring of bark of the tree sufficiently high off the ground to forestall anyone leaning up against the tree and into the banding material, and consists of nothing more or less than a coating of the sticky material applied in a ring about the tree. It should be an inch and onehalf or two inches in width when dealing with large trees. Sometimes when extremely large numbers of caterpillars of the adult females undertake to ascend the tree, they will bridge the sticky material with their bodies. Hence, the bands should freshened occasionally. When this be material is once put on, subsequent applications are much easier.

Three pounds of arsenate of lead with a quart of emulsified mineral oil, commonly referred to as summer oil emulsion, is the insecticide employed in spraying against the various defoliating insects, with the single exception of Japanese beetle. Dusts containing arsenicals are also effective. Complete thorough coverage is necessary in any case.

Spraying with arsenate of lead does not protect against Japanese beetle because the beetles do not eat a sufficient amount of the material to cause death but seemingly avoid trees sprayed with whitish Various schemes for getting material. around this difficulty have appeared from time to time with varying success. At present, the best means of protecting large trees against Japanese beetle seems to be that of spraying them with a mixture of 3 lbs. of aluminum sulphate and 25 lbs. of hydrated lime in 100 gals. This amount whitewashes the tree but it persists at the time that the beetles are flying and seems to give a very good degree of protection.

The Japanese beetles on rosebushes and other ornamental plants possessing an odor present another problem since the use of materials like the spray employed on trees would be unsightly. There is still considerable room for improvement in materials available for this purpose but it seems that the use of certain prepared Japanese beetle sprays offers a means of protecting valuable shrubs. It goes without saying that shrubbery will not require the extremely high-powered machinery necessary to spray large trees.

Conifers are sometimes defoliated by sawflies. Defoliation in a coniferous tree is much more serious than in a deciduous The reason for this is that the tree. needles on coniferous trees live for some time and one single defoliation will result in the death of a coniferous tree. It happens that sawflies are fairly easy to kill under the circumstances that ordinarily obtain on the golf course and the only thing that needs to be done is a periodical inspection to see whether or not they are present during the time they are abundant, which happens to be during early and mid-summer. Applications of arsenical dusts or sprays are very efficient against them and one application will usually suffice in a given year. Arsenate of lead at the rate of 3 lbs. in 100 gals. or calcium arsenate dust consisting of 19 parts lime and 1 part calcium arsenate has repeatedly given very excellent control.

(To be concluded in May GOLFDOM)



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April, 1941

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GOLF HEADS MSC MEETING

By C. KENT BRADLEY

OLF section of the 8th Recreation Con-Gerence, Massachusetts State College, Amherst, March 14-16, opened Friday morning, March 14, with Prof L. S. Dickinson, agrostology section of the university, speaking on "Business of Education." Jack White, manager of Stockbridge (Mass.) GC, charged the graduating class with advice on "The Business Management of the Golf Course." Following this, R. H. Verbeck, MSC director of short courses, presented winter school certificates to the graduates. and stated that life was only a short course, broken up into many subjects, and the winter school for greenkeepers but one phase of adult education.

The first demonstration of upkeep machinery began Friday afternoon in the exhibition hall. This building—a glassroofed structure with dirt floor—is actually the college gymnasium. Exhibitors drove machines from their respective booths to the floor center, and put each piece through its paces. Showing the equipment in actual operation led to most of it being ordered for delivery by those who were "in the market."

Educational exhibits were displayed by the Greenkeeping Superintendents Association, with its affiliates cooperating.

Balance of Friday afternoon was devoted to a program sponsored by the Greenkeepers Club of New England. Sam S. Mitchell, current president of the GCNE, introduced the speakers.

Friday evening program was spent on "Business Management of Fertilizers and

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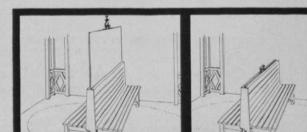
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Application." Prof. R. W. Donaldson, scheduled to speak, could not do so, and requested E. K. Walrath, agronomist of Eastern States Farmer's Exchange, to pinch hit for him. Walrath dealt largely on mixtures and prices.

Prof. Dickinson, spark plug of the golf



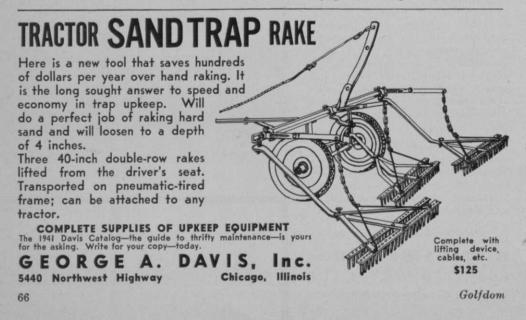
General view of exhibit floor at recent MSC Recreation Conference give are soft and for per-O, WIS.

section program, concluded the evening in discussion leadership of turf feeding, and nutritive balances.

Saturday morning session began with Chas. K. Hallowell, county agent of Philadelphia, Pa., giving turf management pointers as he observed them. This was

slide illustrated. O. J. Noer, Milwaukee Sewerage Commission, spoke next on "Business Management of Turf Watering." His subject was based on survey notes obtained from course superintendents in various parts of the country. Costs of gallonage and application in various areas were cited, and compared over a 2year period under varying weather conditions.

Following lunch, a second demonstration of equipment was given in the exhibi-



tion hall. Then MSC President Hugh P. Baker addressed the golf section on timely subjects. Chas. W. Arnold of Haverhill, Mass, spoke on "The Chairman's Influence of Business Management." This was followed by Major R. A. Jones, general manager, Baltusrol GC, Springfield, N. J., whose subject was "Is Future Golf Course Management Centralized Control?" The words that came from this qualified expert indicated proper management of course operation and upkeep is best in hands of experienced career men familiar with the work.

Evening session began with the annual banquet; 110 persons had entered the hall by the time this writer's meal began to cool. Songs by the college women's glee club preceded an after-dinner talk by W. G. Strathern, sales director of New England Koppers' Coke Co.

Balance of the evening was devoted to a round table smoker, discussion subject being "The Business Management of Weed Control." Leaders were Ed. J. Casey, Wykagyl CC, New Rochelle, N. Y., T. T. Taylor, Westchester CC, Rye, N. Y., Herb Moran, Sleepy Hollow GC, Tarrytown, N. Y., and Richard D. Mansfield, Mink Meadows CC, Vineyard Haven, Mass. As this was an informal affair, many in the gathering took part, and the subject was covered from many angles until midnight.

Sunday program of the golf section was the usual "Experts on Trial" feature, with Carlton E. Treat as prosecutor for the audience "peepul." Some of the program speakers and instructors of the university were grilled by Treat with questions submitted by the turfmen. This event ran well past lunch time, and concluded the three-day series of events.

'Bud' Foerster, Veteran Manager, Dies-Henry J. Foerster widely known and hailed as "Bud" in the club and hotel management fields died at Oklahoma City, Okla., Feb. 27 of cerebral hemorrhage. When active in club management he had been at the Oklahoma City G&CC, Maketewah CC (Cincinnati, O.), the Oklahoma City club and Columbus (Ohio) AC. He was an energetic, competent and genial man, and one of the organizers of the Club Managers Assn. and was prominent in its administration. Mr. Foerster was born at Tell City, Ind., Dec. 13, 1886. Burial was at Cincinnati. He is survived by his widow, Laura C. Foerster, and two



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Driving Range Helps Lesson Income

By BOB JOHNSTON

A PROFITABLE variation of the roadside driving range was used last season by Ed Dudley at the Bala course of Philadelphia CC.

Dudley converted the spacious polo field, directly across the road from the clubhouse, into a driving range. More than 2,100 practice sessions were used by the 700 club members.

The lush polo field turf, which offers an enticing target to those players who belt them past the 250-yard mark, is dotted by a couple of sand traps and greens for pitching, so all phases of the game can be covered. Dudley plans to construct 50 tees this year.

"Players sign for a practice session at 60 cents per hour," Dudley says. "We charge 40 cents per half-hour, and if anyone has only a few minutes available, buckets can be purchased at 25 cents apiece.

"It's really a time saver, because there's no waiting for a boy to bring back a bagful of balls. We used between 1,200 and 1,500 balls on the range during 1940."

Dudley is assisted at the Bala course by Jimmy McHale, 24-year-old sharpshooter who served at the Winged Foot Club under Craig Wood. Joe Ludes, who had his apprenticeship at Oakmont and Harrisburg, Pa., courses, and young Joe Davis, assist Dudley at Spring Mill.

Dudley gives about 10 lessons per day during the summer months, teaching at Bala week-days, then transferring the scene of operations to Spring Mill Saturday and Sunday. The Spring Mill course is completely closed down during the winter months every year. It had an Armistice Day deadline in 1940.

Al Wilfong, a Philadelphia boy who has been Dudley's clubmaker for the past six years, takes charge at Bala when Dudley leaves for Bobby Jones' Augusta, Ga., course. Dudley also takes both Davis and Ludes with him, while McHale follows the winter circuit.



K. F. Jacobsen, Mower Company Founder, Dies

K NUD F. JACOBSEN, founder of the Jacobsen Mfg. Co., Racine, Wis., died March 16, at the age of 74. He had been ill for several years.

Mr. Jacobsen was born in Denmark. He came to Racine in 1890, and established himself as head of his own business in 1904 when he opened a pattern shop. He later established a tool and die business and in 1921 concentrated on the manufacture of power mowers.

He was highly and widely esteemed as a friend, citizen and fellow worker, his relations with employees being regarded as model employer-employee teamwork.

Mr. Jacobsen is survived by two sons, Oscar and Einar, and his brother Jens.

Limited Area Course Under Construction In D. C. District

THE first course for "American Golf" an adaptation of golf designed by William R. Stone, is being constructed at Halpine, Montgomery County, Md., on the Rockville Pike near Washington, D. C.

Stone's course provided for all the shots in the game but has the course so laid out that playing area is compact and seated spectators can watch all the shots.

Pro and amateur team matches and individual exhibitions are to be features of the new American Golf course which will be put into play in June. The course will be lighted for night play.

Managers Protest Illinois Wages and Hours Law

CHARLES R. BANGS, sec. of the Chicago District Club Managers' Assn., and mgr. Oak Park CC, has appeared for the Chicago district clubs registering objection of club managers to the proposed Illinois state wage and hour bills.

The bill as originally presented made practically prohibitive the operation of numerous clubhouses. The revised legislation still does not make it possible for country clubs in the state to maintain anywhere near present rate of employment, so Bangs recommends club expressions to state legislators and club representation at the next hearing on the bill.



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J. Victor East Joins Wilson's Staff

J. VICTOR EAST has joined the staff of Wilson Sporting Goods Co. as a consultant on research, manufacture and promotion in golf.

East was with Spalding's for a number of years, and prior to that association was a professional at Bilt-



J. Victor East

more Forest and Longmeadow clubs in the U. S. A., and at clubs in Australia. He was born in Australia of Scotch parents and became a clubmaker's apprentice as a boy, continuing his school work during time away from the bench.

East has been responsible for several important inventions in golf club design and construction, and is internationally known as an authority on golf equipment and pro business development.

'Scotty' Martin Succumbs — John H. (Scotty) Martin, pro at Fort Morgan (Colo.) CC, died March 3, after a lingering illness which had kept him bedridden since Sept. 6. Mr. Martin was born in Edinburgh, Scotland, in 1879, coming to the U. S. when he was 18. He had been employed at a number of clubs in Nebr., Montana, and Canada, before coming to the Fort Morgan club in the fall of 1939.



At Pinehurst's traditional North and South Open. A. G. Spalding & Bros. announced its 1941 headline golf pro news about needling—that patented shot-in-the-arm for Spalding golf balls. Needling, reports Spalding, will be available through proshops only in 1941. Needling, the power injection plus the famous Spalding True-Solution center that gives new distance and control. Spalding declares "steps up" inside pressure of a perfectly balanced ball so that even the average player can get the great kick that comes from giving a "power ball"

The Spalding needled Double Dot is the toughest ball to ever survive a mashie massacre, Spalding