maintenance is a field that should warrant more study and experimental work from our Experiment Stations, especially in how the more soluble phosphate compounds used in solutions compare with the calcium phosphates commonly used in dry fertilizers in phosphorus availability and phosphate fixation in soils. Also more study could be given to developing more efficient and economical ways of preparing solutions as it is apparent there are great labor saving possibilities in the use of solutions.

NEWS from the MANUFACTURERS

TO ED SULLIVAN FROM WALTER HAGEN



Ed Sullivan (left), newspaper columnist and star of the television show, "Toast of the Town," receives a set of golf clubs from Walter Hagen (right), during a recent visit to Detroit. In the center is Benson Ford, vice-president of Ford Motor Company and general manager of the Lincoln-Mercury Division. The clubs were the gift of the Detroit Lincoln-Mercury dealers and were presented to Mr. Sullivan at a dinner given in his honor during his visit to Detroit.

WALL SHOOTS 30th ACE

Arthur Wall, Jr., asst. to Tom Kerrigan at Siwanoy CC, Bronxville, N.Y., holed his 30th ace, July 18 on Siwanoy's 197-yd. third. Wall hit the shot with a Bristol No. 4 iron. The same round he was 4 inches from the 183 yd. 13th with his tee shot. The 28-year-old sharpshooter won the national intercollegiate driving championship in 1948 with bangs of 290, 288 and 278 yds. He was capt. of Duke university's golf team in 1949, the year of his graduation. He's won two Penn State amateur titles, the Pan-American Open and three times was runner-up in the Southern Conference

WILLIAM F. GORDON

Golf Course Architect

Member
American Society of Golf Course Architects

Doylestown, Pennsylvania

WILLIAM P. BELL AND SON

GOLF COURSE ARCHITECTS

Member: American Society of Golf Course Architects

544 Sierra Vista Avenue Pasadena 10, California

ROBERT BRUCE HARRIS

Golf Course Architect

Member: American Society of Golf Course Architects

664 N. Michigan Ave. CHICAGO 11, ILL.

Phone: WHitehall 4-6530

ALFRED H. TULL Golf Course Architect

209 E. 49th Street NEW YORK 17, N. Y.

August, 1950 6.

C. D. Wagstaff & Co.

GOLF COURSE DESIGN AND CONSTRUCTION

ON GUARANTEED CONTRACT IF DESIRED Skycrest, Tam O'Shanter, Uni. of Illinois Golf Course, and

Many other notable courses

Glenview, III. Phone GI-4-2400

Don't Let CRABGRASS
Spoil the Beauty of Your
Fairways this Year!

use

WEEDANOL

CYANOL (PC)

Crabgrass Killer

ASK YOUR DEALER

ASSOCIATED CHEMISTS, INC.

North Collins, N.Y.

championship. He spent three years in the Air Force. Horton Mfg. Co. has signed him on its Bristol advisory staff figuring, with plenty of foundation, that Wall is due to be one of the game's shining stars.

ALLIS-CHALMERS REAR ENGINE TRACTOR



A rear engine mounted farm tractor with an industrial mower has proved to be economical for the Raymondville (Tex.) CC. By concentrating 79.2 per cent of its weight on the drive wheels this Model G Allis-Chalmers tractor delivers maximum power to the drawbar.

ON SPALDING PRO RUNS

Bobby Litton, well known in pro golf in Pacific Northwest, and with Spalding's Portland and Seattle stores from 1938 to 1941, has returned to the Spalding staff as pro representative for the Pacific Northwest. Bobby was born in Kansas and went to the Pacific Northwest to become a caddy, and eventually a master pro, shortly after Lewis and Clark explored the rough in that territory, according to local legend concerning the likeable and lively Litton.

Aaron W. Jackson, capt. of Tennessee University golf team in 1939 and '40, now is representing Spalding in northern Georgia, Alabama and Tennessee.

OKLAHOMA-TEXAS TURF MEET COMPILED BY WEST POINT

Addresses by the 26 speakers at the latest Oklahoma-Texas Turf Conference were recorded by Tom Mascaro of the West Point Lawn Products Co., West Point, Pa., as one of the company's very valuable jobs in reporting short courses, and now are available in a limited edition from the West Point company.

The West Point company also has issued recently an exceedingly interesting and

Get your share of the profitable SNOW-PROOF business. Nationally advertised. Waterproofs, reconditions golf shoes, golf bags, etc. Stops dry rot. Prevents mildew. Oderless, colorless, not sticky. Sold only in Bismark Brown cans. Retails at 35 oz. 38c. 1 lb. \$1.00, 8 lbs. \$4.00. Moneyback guarantee. Descriptive folder and sample can sent FREE on request. Dept. 13 THE SNOW PROOF CO.



Livenia, N. Y.

GOLF BALLS, CLUBS & EQUIPMENT

DRIVING RANGE MINIATURE OR PITCHING COURSE RETAIL SALES.

CONSTRUCTION & MAINTENANCE HINTS.



NORTHERN BALL

3441 N. Claremont Ave., Chicago 18, III.

PRO FINISHED PERSIMMON HEADS

WOODS HAND MADE TO ORDER WON-PUTT ALUMINUM PUTTERS

Quick Service on All Types of Repair Work.

Bert Dargie Golf Co.

2883 Poplar Avenue, Memphis 11, Tenn.

helpful bulletin of Aerifier research work on turf at experiment stations in Florida, Georgia, Indiana, Kentucky, Maryland, Missouri, New Jersey, Oregon, Pennsylvania and Texas, which is required reading for the superintendent who keeps up to the minute.

NEW BAG SUPPORT IS STANDFAST



Walton Associates, PO Box 561, New York 8, N.Y., have a new lightweight all-steel, cadmium plated golf bag support which is easily attached to almost all shapes of bags. The Standfast support is streamlined for easy storage and cannot become detached or fold up accidentally in use. It has a convenient tee - holder. Metal

eyelets (grommets) are supplied for neatly and firmly attaching the Standfast device to the bag in a manner to protect the bag

Retail price of the Standfast is \$3.25.

Customary pro discounts are allowed. The device was approved by 176 pros before it was placed on the market.

AL LINK WITH BURKE



Al Link, widely known for his successful work in golf club design and construction, has joined Burke Golf, Inc., and will have his base at Burke's Chicago office, 188 W. Randolph. Link will be in sales engineering with Burke's Chicago and Illinois sales force and spend time at the Newark, O., factory in work on designs of new Burke club models.

Link has been especially close to pro model design and construction in his previous connections with Wilson Sporting Goods Co., L. A. Young Golf Co. and Hil-lerich and Bradsby and has been respon-sible for numerous big selling models. Burke also announces that George Gel-

har of its sales staff has a new assignment and will intensively cover the Wis. area.

HOLE-IN-ONE TROPHY Your Golf Ball Fits Into Hole Sunray Finish Height 91/2" - \$8.25 WRITE FOR COMPLETE TROPHY CATALOG TROPHY & MEDAL SHOP DEPT. G D32G 10 S. Wabash Ave., Chicago 3, III.

LOWER OPERATING COSTS with RANGE BUILT PRODUCTS!

New Paintless Ball-White For Life (Also in Colors)

NOW Available in Limited Quantities NEW - Dow Metal - Long Life Range Driver

4' x 5'- Golfer Approved - No black smudge TEE MATS on clubs or balls. The only Trouble Free Mat

in the business. NEW - TEE QUEEN - Foolproof "Automatic" Tee NEW - LOW PRICE Automatic Ball RETRIEVER We will sove you money

Get on our mailing list

Write for circular **GOLF RANGE SUPPLY**

WILLIAM B. LANGFORD

GOLF COURSE ARCHITECT

Balanced Topographical Design

Member: American Society of Golf Course Architects Telephone: KEystone 9-6501

2405 Grace Street, Chicago, Illinois

STOLONS! STOLONS! STOLONS!

C1 ARLINGTON-C19 CONGRESSIONAL-U. 3 BERMUDA For Foll of 1950 Delivery Pure strains. Weed free. Write for prices.

HENRY C. GLISSMAN & SON 4705 CASS ST. OMAHA, NEB.

JAMES GILMORE HARRISON Golf Course Architect

Either Contract or Fee Member: American Society of Golf Course Architects

R. D. #3, Box 372 Phone — Valley 3225

Turtle Creek, Pa. Suburb of Pittsburgh

GOLF RANGES MINIATURE GOLF COURSES

We Have a Complete Line of Supplies

We flave a Complete Line of Supplies
Write for prices

EASTERN GOLF CO. 244 W. 42nd St., Dept. A, New York 18, N. Y.

. BENT GRASS .

Stolons and Sod. Washington — CI — and other recommended strains.

HIRAM F. GODWIN

22366 Grand River Ave., Detroit 19, Mich.

David Gill

GOLF COURSE ARCHITECT ENGINEER and CONSULTANT

PLANS . SUPERVISION . SPECIFICATIONS

phone ANdover 3-5049
35 East Wacker Drive Chicago 1, Illinois

5000 Bushels @ \$2.50 Per Bu.

Pure Congressional Strain

H. C. GLISSMANN & SON

4705 Cass St.

Omaha, Nebr.

DAVE LILLY, NEW HEAD OF TORO MFG. CORP.

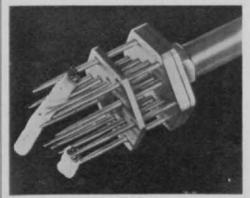
July 1 David M. Lilly became pres., Toro Mfg. Corp., Minneapolis, Minn., succeeding Kenneth E. Goit who retired after 27 years with the company. Goit started with the company in Kansas City and has worked in building Toro from its original factory force of 4 men to its present normal roster of 103, and in developing the Toro distribution from 5 outlets to 88. Goit remains associated with Toro as a member of the board of directors and in an advisory capacity.

Dave Lilly heads the energetic younger group that came into the Toro organization in December, 1945. With him in the new executive line-up of Toro are C. Whitney Miller, vp in charge of manufacturing and gen. mgr., Minneapolis plant; W. Fenton Miller, vp in charge of engineering; E. S. Conover, sec.-treas.; and C. E. Ostberg, asst. sec.-treas.

SPALDING SPORTS BOOK FREE

Spalding's Sports Show booklet for 1950-1951 containing illustrated incidents of oddities in sports is off the press. It's available free to pros for distribution to club members. Request copies you want from Adv. Dept., A. G. Spalding & Bros., 161 Sixth Ave., New York 13, N.Y. The booklet contains interesting sports material drawn by famed sports page cartoonist Willard Mullin.

BELMAR LITTER PICKER



A light weight mechanical hand picker for debris and litter around clubhouses and golf courses designed to pick up small elusive bits with a minimum of effort at maximum speed. It's made of aluminum with 12 chrome-plated steel prongs and plastic grip. Close up shows litter about to be ejected. When not in use head can be locked in safety position. Replaceable heads containing the steel prongs are available at small cost. Further information can be obtained by writing Belmar Wheel & Machine Co., 1707-F. St., Belmar, N. J.



ALL IS JOY AT TOURNEY CLUB

Usual merry meetings of MacGregor Tourney Club were held at 1950 PGA championship when that classic old American institution, the free lunch counter, made its annual return. Among the prominent clubfellows in attendance were, left to right: Bill Barbour, Cleveland; Dave McCormick, Pittsburgh; Toney Penna, U.S.A.; Frank Kiraly, Johnstown, Pa.; Ted Huge, Cleveland; Ock Willoweit, MacGregor's Ohio rover; and Harry Schwab, Dayton.

KEN GOIT HEADS NEW SOILAIRE COMPANY

Kenneth E. Goit, widely known in golf for his long association with the Toro Co., mower and tractor manufacturers, has retired as pres., Toro Co. to become pres. of Soilaire Industries, 1200 2d Ave., S., Minneapolis, Minn. Goit will continue with Toro in an advisory capacity.

Soilaire Industries is manufacturing a soil aeration device available in two types:

the Tractoraire which is tractor-drawn, and the Motoraire which has a Briggs & Stratton engine and six aerating wheels. The company also makes hand tools for aerating home lawns, trees and shrubs.

"Dutch" Schmidt's many friends will be glad to know the robust golf supply salesman is back in circulation again after two month's confinement with arthritis.

ROBERT TRENT JONES

Member: American Society of Golf Course Architects

> Golf Course Architect

20 Vesey Street Tel: Rector 2-2258 NEW YORK, N. Y. Puts an end to the costly range ball washing problem.

RAPID RANGE BALL WASHER AND DRIER

Cleans cleaner, saves time, labor, and reduces range ball inventory.

Write for descriptive folder.

WALTER RUESCH

Skokie Blvd. and Golf Rd., Skokie, III.