

Presenting

The New 1957 POWER-BILTS

NEW Iron Models

Stainless Steel with new blade design.
Built to build player confidence!

NEW Woods

Designed to give added distance. Improve
fairway play.

NEW Grips and Finishes

They feel right, look right and play right!

The 1957 Power-Bilts feature many improvements, but most important, each club in every Power-Bilt set is Master-Matched and calibrated to within 1/1000 of an inch of the new, dynamically designed master-models! This means that each club in a set is perfectly inter-related in balance and feel. Master-Matching is an exclusive H & B manufacturing procedure. For the ultimate in golf club playability, offer your members the new 1957 Power-Bilts!

HILLERICH & BRADSBY CO., Louisville, Kentucky



Send
for
Free Color
Catalog



... and **MASTER-MATCHED**
for perfect feel and balance

Made by the Makers of Famous Louisville Slugger Bats

“I depend solely on
Tersan[®] for turf



• Mr. Young uses “Semesan” Turf Fungicide and “Tersan” exclusively to protect greens from turf diseases.

Du Pont Semesan[®] and Turf Fungicide disease control”

Says Orville Young

Superintendent, Moraine Country Club, Dayton, Ohio

“It takes the best of fungicides to control turf diseases—especially in the Ohio Valley, where brown patch is a severe problem. To do this job, I use ‘Semesan’ Turf Fungicide and ‘Tersan’ in combination approximately every two weeks, and oftener during hot, humid weather.” Mr. Young continues, “I also know that these chemicals are compatible with most turf insecticides and chemical fertilizers.”

You can guard your greens against com-

mon fungus diseases—brown patch, dollar spot, and snow mold—with regular applications of Du Pont “Semesan” Turf Fungicide plus “Tersan.” It’s an outstandingly effective combination in both the cure and prevention of fungus attacks. “Semesan” Turf Fungicide and “Tersan” are packaged separately for convenient, accurate measuring and mixing and are easy to apply with spraying equipment.

DU PONT AMMATE[®] X for brush and weed control... Use Du Pont “Ammate” X for control of undesirable brush and poison ivy. It kills both foliage and roots, prevents regrowth. “Ammate” X is non-volatile, reduces to a minimum the hazard of damage by spray drift.



• View of a fairway and one of the beautifully maintained greens at Moraine Country Club.

On all chemicals, follow label instructions and warnings carefully.

TERSAN[®] 75 Turf Fungicide
SEMESAN[®] Turf Fungicide
AMMATE[®] X Weed and Brush Killer



REG. U. S. PAT. OFF.
BETTER THINGS FOR BETTER LIVING
...THROUGH CHEMISTRY

and which provides, in case of golf course and similar damage, "the party so offending shall pay to the party injured treble the value of the thing so injured, broken, destroyed or carried away, with costs, and shall be deemed guilty of a misdemeanor, and shall be subject to a fine not exceeding \$500."

Green Construction

(Continued from page 28)

rections. Some like to rake the seed slightly. Others prefer to seed and lightly topdress and roll lightly following top dressing. Light rolling is also suggested after raking seed in.

A desirable method where a firm enough seed bed has been established is to seed in four directions. Each operation is preceded and followed by power disc spiking. The area seeded in all methods should be kept moist at all times, not wet, in a manner that will not disturb seed or wash the seeded surface until the seedlings are firmly established.

Bringing New Greens Into Play

Greens established at proper planting or seeding dates can be forced into or be made ready for play at an earlier date by proper watering and a forced fertilizing program. After the seedlings have emerged they may be fertilized from once up to three times a week by using very light rates of urea or ammonium sulphate or nitrate, with potash and iron sulphate, may be used as required. These rates approximate 2 to 4 oz. of Nu-Green, 1 to 2 ozs. muriate of potash, $\frac{1}{2}$ to 1 oz. iron sulphate, all per 1000 sq. ft. in 50 gal. of water per green.

Greenmowers should be set at $\frac{1}{2}$ in. in height and should be very sharp. When grass reaches $\frac{1}{2}$ in. in height mowing should start, removing the clippings. Mowing height should be very gradually brought down to desired height of cut for play. Frequency of cut is important. A very smooth surface for stolonizing and seeding is a first prerequisite and will have a great deal to do with the quality of the putting surface in years to come.

On PGA Committee

Jay Hebert and Jack Fleck are new members of the PGA tournament committee and Bob Toski is now the chairman of the committee. Hebert and Fleck replace Doug Ford and Jim Turnesa as committeemen and Toski succeeds Fred Hawkins. Hold-over members of the committee are Warren Orlick, Harry Moffitt, pres. of the group, Harold Sargent and Hawkins.

**Tell Them You Saw It
Advertised in Golfdom**

Plan to Accommodate 300 Assistants at PGA School

PGA's teaching and education committee, headed by Emil Beck, Pt. Huron, Mich. pro, is making plans to accommodate 300 young pros at the Dunedin, Fla. Assistants' Training School to be held Jan. 7-11, 1957.

Assistants who qualify for the course will be given a minimum of 22 hours training in Club Fitting and Repairing, Employer-Employee relations, Pro Shop Merchandising and several other subjects. There is no charge for registration or enrollment in the school and housing arrangements now are being made for those expected to attend. Beck estimates that it will cost the assistant about \$75 a week for living costs after arrival in Dunedin.

Enrollment applications will be handled through home pros. Application blanks are now being distributed to pro shops throughout the country so that assistants can sign up.

Besides attending formal classes, assistants will get the opportunity to attend clinics and also play the PGA Dunedin course.

Turfgrass Conferences

Following is a list of turfgrass conferences and field days scheduled for the fall months in various sections of U.S.:

Sept. 17-18 — Midwest Turf Field Days, Purdue University, Lafayette, Ind.

Sept. 25 — St. Louis Dist. Golf Assn. Field Day, Westwood CC, Clayton, Mo.

Sept. 25-27 — Florida Turf Conference, U. of Florida, Gainesville.

Sept. 26-27 — Northwest Turfgrass Conference, Washington State College, Pullman.

Sept. 28-29 — Utah-Idaho Conference, Idaho Falls (Ida.) GC.

Oct. 1-2 — Rocky Mountain Turfgrass Conference, Colorado A & M College, Ft. Collins.

Oct. 4-5 — New Mexico Turfgrass Conference, New Mexico A & M, State College.

Oct. 15-16 — Southern Calif. Turf Conference, U. of Calif., Los Angeles.

Oct. 17-19 — Central Plains Turfgrass Conference, Kansas State, Manhattan.

Nov. 12-16 — American Society of Agronomy meetings, Cincinnati, O.

Dec. 10-12 — Oklahoma Turfgrass Conference, Oklahoma A & M, Stillwater.

TORO



Whirlwind... the best you can buy

This is the *Whirlwind 24*—"little brother" to the *Whirlwind 31* and *Whirlwind 80*—the original and finest rotary power mowers you can buy.

These machines are *rugged*. The housings are made of extra-heavy steel plate—welded into one solid unit. The cutter bars have super-tough blades riveted to the ends. Even the smallest part has been manufactured with precision. The machines have been assembled with care.

Optional extras include: on the *Whirlwind 24* and *31*, electric starting, reverse unit, leaf

mulcher and sulky; on the *Whirlwind 80*, semi-pneumatic tires, skids, non-suction blade and leaf mulcher attachment.

Toro, the world's largest manufacturer of professional grass mowing machinery, builds the *Whirlwinds*. And the Toro nation-wide parts and service system backs them up.

Your Toro distributor, listed on the next page, will be glad to give you a demonstration. In fact, he'll be glad to pit a *Whirlwind* against any other rotary you choose. See for yourself why *Whirlwind* is best. Call or write him today!

TORO

TORO MANUFACTURING CORPORATION, 3061 SNELLING AVE. SO., MINNEAPOLIS 6, MINNESOTA

TORO

Authorized Distributors

Alabama: Kilgore McRee Co., Birmingham; McGowin-Lyons Hdwe. Co., Mobile. Arizona: Shaw Lawn Mowing Equip. Co., Phoenix. Arkansas: Choctaw, Inc., Memphis, Tenn.; Harry Cooper Supply, Springfield, Mo. California: Pacific Toro Co., Los Angeles; California Toro Co., San Francisco. Colorado: Colorado Toro Co., Colorado Springs; Colorado Toro Co., Denver. Connecticut: Toro Equipment Co., White Plains, N. Y.; Connecticut Toro Sales Co., Windsor. Delaware: Philadelphia Toro Co., Philadelphia. District of Columbia: National Capitol Toro, Inc., Silver Springs, Md. Florida: Zaun Equipment Co., Jacksonville; Hector Supply Co., Miami; McGowin-Lyons Hdwe. Co., Mobile. Alabama Georgia: Toro Turf Equip. Co., Atlanta; Zaun Equipment Co., Jacksonville, Fla. Idaho: Washington Turf & Toro Co., Seattle, Wash. Illinois: Geo. A. Davis, Inc., Chicago; L. J. Meisel Dist. Co., Clayton, Mo.; Tri-State Toro Co., Davenport, Iowa; Scruggs Drake Equipment Co., Decatur; Heldt Monroe Co., Evansville, Ind.; Drake Scruggs Equip. Co., Springfield, Indiana; Geo. A. Davis Co., Chicago, Ill.; Heldt Monroe Co., Evansville; A. H. Heine Co., Fort Wayne; Kenney Mach. Co., Indianapolis; E. K. Cohee Co., Montgomery, Ohio. Iowa: Globe Mach. & Supply Co., Cedar Rapids; Tri-State Toro Co., Davenport; G.obe Mach. & Supply Co., Des Moines; Z. W. Credle Co., Omaha, Neb. Kansas: Turf Equip. Co., Inc., Kansas City, Mo. Kentucky: Wilson Equip. Co., Lexington; B. K. Cohee Co., Montgomery, Ohio; Heldt Monroe Co., Evansville, Ind.; Buntun Seed Co., Louisville. Louisiana: Whalen Toro Co., New Orleans. Maine: Phillip R. Yersa, South Portland, Maryland: Baltimore Toro Co., Baltimore; National Capitol Toro Co., Silver Springs. Massachusetts: Springfield Toro Co., Agawam; The Clapper Co., West Newton. Michigan: R. L. Ryerson Co., Milwaukee, Wis.; C. E. Anderson Co., Royal Oak; Spartan Distributors, Sparta. Minnesota: Minnesota Toro, Inc., Minneapolis. Mississippi: Choctaw, Inc., Memphis, Tenn.; McGowin-Lyons Hdwe. Co., Mobile, Ala.; Whalen Toro Co., New Orleans, La. Missouri: Lawrence J. Meisel Dist. Co., Clayton; Tri-State Toro Co., Davenport, Iowa; Turf Equip. Co., Inc., Kansas City 2; Harry Cooper Supply, Springfield. Montana: Montana Toro Sales Co., Billings; Manions, Kallispell; Salt Lake Hdwe. Co., Salt Lake City, Utah. Nebraska: Z. W. Credle Co., Omaha, Nevada: Salt Lake Hdwe. Co., Salt Lake City, Utah; California Toro Co., San Francisco, Cal. New Hampshire: The Clapper Co., West Newton, Mass. New Jersey: Toro Equip. Co., White Plains, N. Y.; Philadelphia Toro Co., Philadelphia, Pa. New Mexico: The Myers Co., Roswell; Colorado Toro Co., Denver, Colo.; Salt Lake City Hdwe. Co., Salt Lake City, Utah. New York: Eaton Equip. Co., Hamburg; Hudson Toro Sales Co., Latham; Chas. E. Lennon & Sons, Liberty; Haverstick Toro Sales Corp., Rochester; James H. Lynch, Southampton; Golf & Tractor Equip. Corp., Syracuse; Credle Equip., Utica 4; Toro Equipment Co., Inc., White Plains. North Carolina: E. J. Smith & Sons Co., Charlotte. North Dakota: Minnesota Toro, Inc., Minneapolis, Minn. Ohio: Ohio Toro Co., Cleveland; Woodin Sales Co., Columbus; B. K. Cohee Co., Montgomery; Recht Supply Co., Toledo. Oklahoma: Bob Dunning Jones, Inc., Tulsa. Oregon: Western Golf Course Supply Co., Portland. Pennsylvania: Eaton Equip. Co., Hamburg, N. Y.; Chas. E. Lennon & Son, Liberty, N. Y.; Philadelphia Toro Co., Philadelphia; Penn Toro, Inc., Pittsburgh; Haverstick Toro Sales & Service, Rochester, N. Y. Rhode Island: Bay Toro Distributors, Inc., Providence. South Carolina: E. J. Smith & Sons Co., Charlotte, N. C. South Dakota: Z. W. Credle Co., Omaha, Neb.; Wyoming Toro Co., Sheridan, Wyo. Tennessee: Williams Equip. Co., Chattanooga; Tennessee Turf & Toro, Knoxville; Choctaw, Inc., Memphis; Kilgore McRee Co., Nashville. Texas: Goldthwaites Texas Toro Co., Dallas; The Myers Co., El Paso; Goldthwaites Texas Toro Co., Fort Worth; Goldthwaites Texas Toro Co., Houston. Utah: Salt Lake City Hdwe. Co., Salt Lake City. Vermont: Springfield Toro Co., Agawam, Mass. Virginia: Sydner Pump & Well Co., Richmond; National Capitol Toro Co., Silver Springs; Cary Hall Mach. Co., Salem. Washington: Western Golf Course Supply Co., Portland; Washington Turf & Toro, Seattle; Washington Turf & Toro, Spokane. West Virginia: General Equipment Co., Clarksburg; Branchland Pipe & Supply Co., Huntington 9; Penn Toro, Inc., Pittsburgh, Pa.; Cary Hall Mach. Co., Salem, Va.; National Capitol Toro Co., Silver Springs, Md. Wisconsin: Tri-State Toro Co., Davenport, Ia.; R. L. Ryerson Co., Milwaukee; Minnesota Toro, Inc., Minneapolis, Minn. Wyoming: Colorado Toro Co., Denver, Colo.; Salt Lake Hardware Co., Salt Lake City, Utah; Wyoming Toro Co., Sheridan. CANADA—Alberta: Burgess Building & Plumbing Supplies, Ltd., Calgary. British Columbia: Willard Equip. Co., Vancouver. Manitoba: Consolidated Industries, Ltd., Winnipeg. Nova Scotia: Halifax Seed Co., Halifax. Ontario: F. Manley & Sons, Ltd., Toronto. Quebec: Agri Tech, Inc., Longueuil.

Saginaw Solves Space, Display Problems

(Continued from page 32)

ing thing about Markham's shop is the foot-high platform that practically rings the room. It serves to keep merchandise off the floor, is a foundation for the various counters and racks, and also helps to keep the shop cleaner since dust and dirt from the floor is kept from drifting back into the display area.

Illuminated Panels

Pictures on these pages show how Markham and his Saginaw Industries collaborators have made wide use of pegboard, a product which seems to have been designed especially for pro shops. Another thing that makes the Saginaw CC shop a stand-out are the illuminated panels that ring the room at a height of about seven feet and provide not only added light but are imprinted with the various types of merchandise handled.

Although a great deal of emphasis has been put on display interchangeability here, Bill Markham feels that perhaps the

best feature of the redesigned shop is the added space he has inherited. Having the center of the room almost completely free and open has done away with a lot of the congestion he formerly was plagued with, particularly on busy days. This is very noticeably reflected in the golfer's buying attitude. With plenty of space to browse around in he is far more inclined to buy Markham's wearing apparel, accessories and equipment than he was in the days when traffic piled up in the shop and his first inclination after stepping inside was to look for a convenient exit.

Golfing Article Gets Wide Circulation

"What Is Expected of A Member?" an article that appeared in the March, 1956, issue of GOLFING has been reprinted in several foreign publications, the last being the July edition of *Golf in Australia*. In addition, several thousand reprints of the article were distributed to U. S. pros and club managers who requested them earlier this year.

NEW 1957 SPALDING DOTS

in handsome
Desk Caddy Sets
for Christmas!

SPALDING DOTS were a whopping sales success last Christmas. The new 1957 DOTS in their practical Desk Caddy Sets should move even faster.

They come to you ready to show and sell in the Letter Caddy (1 doz. balls) and Pencil Caddy ($\frac{1}{2}$ doz. balls). Made from eye-catching maroon simulated leather, these containers make handsome additions to any businessman's desk. You can sell them singly or together as a set.

Free name imprinting on golf balls, so popular with shoppers last year, will again be offered to purchasers of a dozen or more DOTS, or brand new DOUBLE DOTS. You offer all this plus the golf balls for the cost of the balls alone.

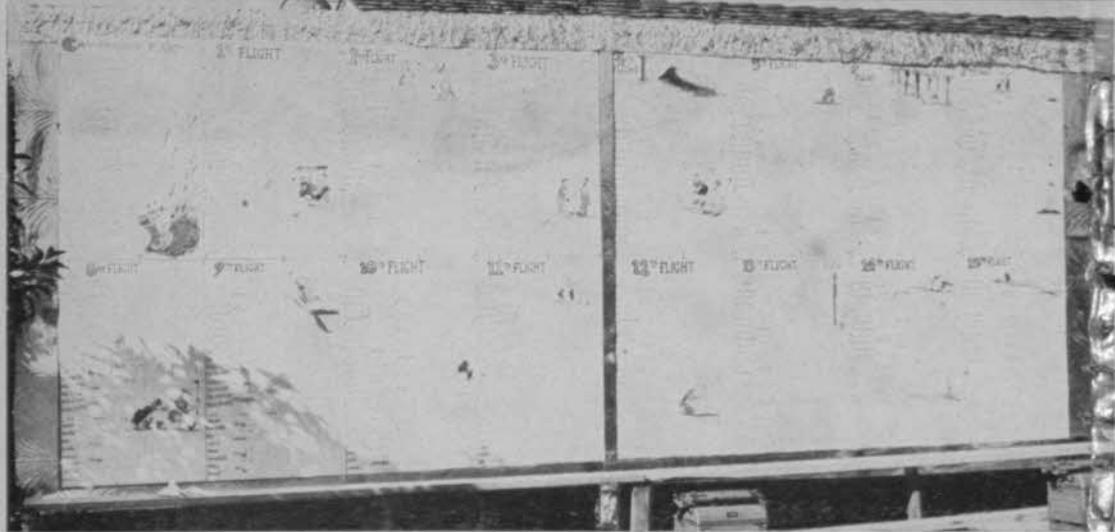
So start displaying your Spalding golf balls *now*. Remember—only orders that are received by December 1st can be personalized for Christmas giving. Imprinting limited to 18 letters and spaces inclusive. Spalding DOTS are sold only through golf professionals.

SPALDING

SETS THE PACE IN SPORTS







Reg Manning's animated scoreboard at a recent Arizona CC tournament prompted more comment among contestants and galleryites than the tournament itself.

Cartoon Gags Enliven Tournament Scoreboard

By DEAN SMITH

IT'S not every club that's lucky enough to have a Pulitzer Prize winning cartoonist among its members, as has Arizona CC, Phoenix. But almost any club can acquire the services of some imaginative cartoonist to dress up its scoreboard for a big tournament.

Reg Manning is Arizona CC's Pulitzer Prize winner. He volunteered to draw golf gag cartoons for each flight of the scoreboard for ACC's recent invitational tournament, and the hilarious result had participants and visitors from a dozen states laughing and talking about the board for weeks.

The scoreboard for the 16-flight tourney measured 6 ft. high by 16 ft. long when it was completed and was set up outside the pro shop. Manning's color cartoons, one adorning the lineup for each flight, were one of the high points of the five-day event.

Manning used one sheet of poster board 2 x 3 ft., for each flight. They were stapled to the club's regular wallboard scoreboard in sequence.

At the bottom of the sheet for the championship flight, Manning drew a golfer blasting out of a sand trap, with sand flying up almost the entire height of the sheet. To make the cartoon even more realistic, Manning used real sand, glued to the sheet in explosive eruption.

Other typical cartoon gags on the board: On the line indicating the finals winner of one flight, a happy golfer is shown swinging—using the line itself as a trapeze bar.

Two golfers in an electric car are shown rolling down an embankment into a waiting pond.

Another golfer on another flight is glowering at a ball lodged in the branches of a palm tree. (Other courses could use other local hazards in place of this one.)

Two players, preparing to play balls only a few feet apart, are angrily shouting "fore" at each other.

Manning, an Arizona Republic cartoonist whose work is syndicated all over the nation, has been playing golf only a few years but there's no more dedicated golfer anywhere. His latest book is "From Tee To Cup," a good-humored mixture of nonsense and sound golfing advice.

Manning donated his scoreboard art to the club. He feels most other clubs have among its members a cartoonist — professional or amateur — who would gladly do the same.

If there isn't a member talented enough to do the job, a club could hire some local cartoonist to liven up its scoreboard for a major tournament at a nominal fee.