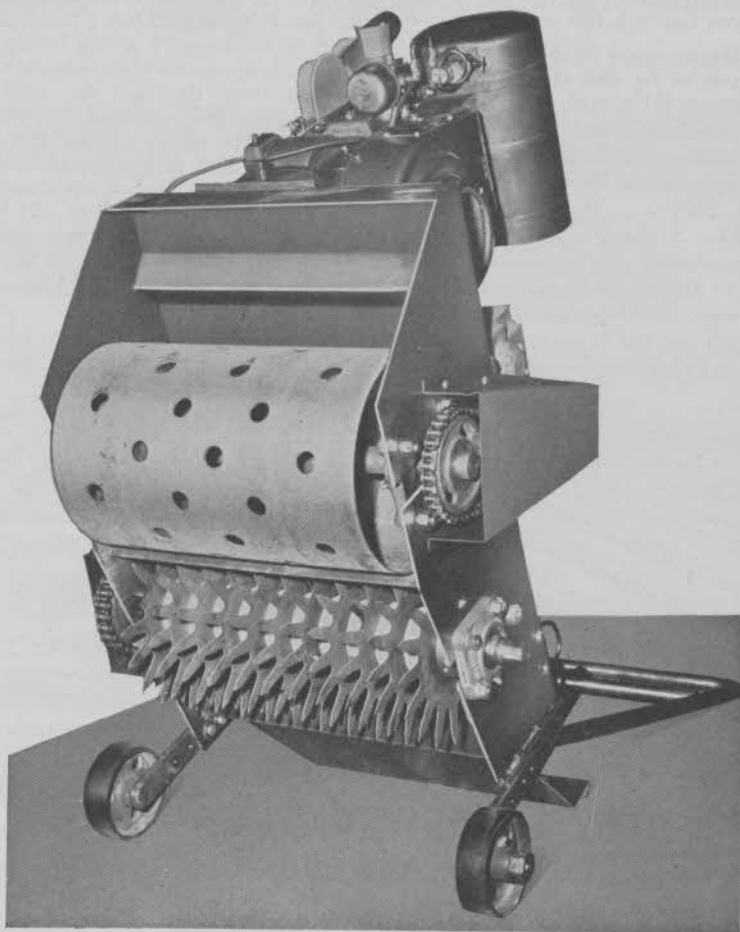


# This "THATCH-EYE" View of an AERO-THATCH X-53

shows the powerful blades which, as part of the C.H.I.A. method, will eliminate Thatch problems and assist greatly in propagation of Bermuda Grass.



*Aero-Thatch, Inc.*

PHONE FULTON 8-0100 • 673 NEW BRUNSWICK AVENUE • RAHWAY, NEW JERSEY

an approach area about 5 yds. in depth . . . Bill Lyons has theory about cause and prevention of poa annua bordering greens . . . Says spilling of greens clippings, wash of fertilizer and water from greens builds up a manure condition in the area . . . Heat of the decaying grass, injury from turning of green mowers and compaction of the scattered clippings make it difficult to hold poa annua in these areas . . . His experience indicates that more use of grass catchers in mowing greens borders and wider distribution of mower turning pattern is an answer to keeping the poa annua in the borders through the summer.

Walter Hagen again held court at the PGA at Akron as he did at the National Open at Cherry Hills and added greatly to the entertainment and instruction of the tournaments . . . Walter is the only five-time winner of the PGA—1921, 1924, 1925, 1926, 1927 . . . He will be 68 on December 21 . . . He is a young-thinking man of remarkable golf experience and judgment . . . Robby Robinson, sales and promotion mgr. of Wilson's Hagen div., did a fine job for his company, for pros, press and other golf fans in getting Walter

to be one of the lively features of the two big golf shows.

At the Open when one contestant asked for a ruling, Hagen remarked: "Why does a pro ask an amateur for a ruling? It's the pro's business to be the authority on them." . . . Rules Committee of PGA, with Warren Orlick as chmn., took a great deal of confusion out of tournament legalities by the simple, commonsense procedure of printing in bold caps on the back of the 42nd PGA National Championship score-card "USGA RULES GOVERN ALL PLAY." . . . A bulletin handed contestants had as Paragraph One: "Slow Play Defined as Follows: A group losing position of one hole more than original starting position from the first tee will call for Rules Committee questioning. At the discretion of the Rules Committee penalties may be applied at any point through the balance of the round of the competition." . . . Play the first two days was in groups of three; started 7 minutes apart . . . After the cut Friday night to 90 and ties, play also was in groups of three, 9 or 10 minutes apart.

At Akron the women who volunteered to drive the "courtesy cars" that hauled



WASHINGTON

COHANSEY (C7)

CONGRESSIONAL (C19)

ARLINGTON (C1)

TORONTO

## GODWIN'S BENT GRASS STOLONS

Make Your Work Worthwhile

Regardless of the strain you prefer, you'll find Godwin stolons true to name, weed-free and vigorous.

MAKE YOUR TASK EASIER. ALWAYS SPECIFY STOLONS FROM GODWIN.



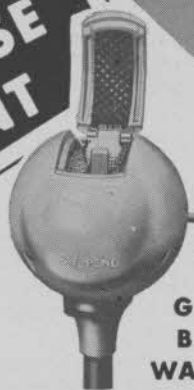
### HIRAM F. GODWIN & SON

22366 GRAND RIVER AVE. • DETROIT 19, MICH.

*Finest Quality*  
**GOLF COURSE  
 EQUIPMENT**



**TEE** *Equipment*



**GOLF  
 BALL  
 WASHER**



**STEEL**



**ALUMINUM**

**TEE MARKERS**



**FAIRWAY** *Equipment*

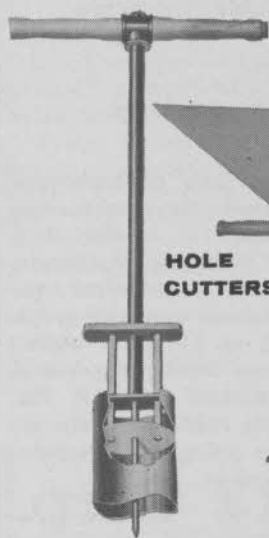


**DIRECTION  
 ARROWS**



**YARDAGE  
 MARKERS**

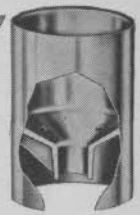
**GREENS** *Equipment*



**HOLE  
 CUTTERS**



**"TRUE-VUE"  
 GREENS FLAGS**



**ALUMINUM  
 PUTTING CUPS**

**MAINTENANCE** *Equipment*



**DIVOT  
 REPAIRER**



**TURF  
 REPAIRER**



**STANDARD MANUFACTURING CO.  
 CEDAR FALLS, IOWA**

**order from your favorite Standard distributor**

contestants and the press between Sheraton hotel and Firestone CC were kept steadily in transit about 12 hours a day and none of them lost their good nature or good looks . . . At Akron, as at Denver, the volunteer drivers were exceptionally pretty women.

Joe Dey, Jr., USGA executive dir., coming along OK after being hospitalized at Glen Cove, L.I., N.Y., for leg injury . . . Jim Wild, Baltimore Sun golf writer, presented a watch by Mid-Atlantic PGA members for his 25 years cheerful help to his pro friends and all other golfers in that territory . . . Billy Casper, cheerful as ever although he didn't retain his National Open title . . . On July 14 he became father of Robert Reynolds Casper.

Betsy Rawls erased a Babe Zaharias record of three USGA Women's Opens (1948, 1950, 1954) when her 292 (four over par) at Worcester (Mass.) CC gave her a fourth Open victory . . . Other Rawls Open triumphs were in 1951, 1953 and 1957.

Development of international relations by the Canada Cup professional team event and the Eisenhower Trophy amateur tournament should have tipped

off R&A, Royal Canadian GA, USGA, Federation Francaise de Golf and other national golf governing bodies to automatically qualify for their Open competitions the holders of major National Open titles . . . Arnold Palmer being unable to play in French Open, due to misunderstanding that the U. S. Open champion was automatically qualified, was an error that beat the French event out of an entry who would have drawn a gallery and added to the prestige of the championship.

Several American players entered the British Open with the idea of playing if they won the US Open at Cherry Hills but didn't show when the starter announced them at St. Andrews . . . That left other fellows in the pairings as orphans in the field . . . USGA and R&S officials and a lot of contestants who don't hold National Open titles naturally want to keep list of exemptees at a minimum but ought to consider golfing public's desire to see reigning national champions playing in what purports to be a top championship.

Second Porter Cup tournament, to be played at Niagara Falls CC, Aug. 26-28,

**KEEP YOUR FAIRWAY TURF HEALTHY THIS SUMMER**

WITH

**PMAS**

*the Proven  
Herbicide-Fungicide*

**APPLY NOW**

*and insure Fairway Turf Protection all summer long —  
Surely — Economically*

*Stop these Pests  
before they start*

**CRABGRASS  
DOLLAR SPOT  
COPPER SPOT  
HELMINTHOSPORIUM  
CURVALARIA  
SMALL BROWN PATCH**

Right now, when the first crop of crabgrass is germinating — when warmer days encourage troublesome fungus diseases — is the time when prompt action will pay big dividends. Remember PMAS is your most economical controlling agent for BOTH disease and crabgrass. Spray 1 qt. PMAS (in 50 to 75 gals. water) per acre once every 7 days throughout warm weather. Many superintendents add 1½ lbs. ferrous sulphate (iron) with PMAS to maintain vigor during this hot "Poa going out" season.

Get PMAS from your golf supply dealer, or write us for complete information, including reports of leading superintendents, who maintain healthy fairway turf under the most trying conditions.

**W. A. CLEARY Corp.**

NEW BRUNSWICK, N. J.

CLEARY PRODUCTS FOR BETTER TURF

THIMER, SPOTRETE, CADDY, METHAR (DSMA), PM, 2, 4-D, ALL-WET



The beautiful Lakeside Golf Course, Burbank, Cal. has Transite Pipe throughout its irrigation system.

## Transite cuts irrigation costs 5 ways ... keeps courses greener, too!

For all its quality and dependability, Johns-Manville Transite® Pipe is surprisingly economical. It actually reduces irrigation cost in five different ways:

**1. Design Savings** Transite's interior will not be roughened by tuberculation . . . stays factory smooth to assure full water flow. This means you can use smaller diameter, less expensive pipe sizes.

**2. Installation Savings** Transite is lightweight, easily installed. As few as two men can quickly assemble an entire 18-hole system.

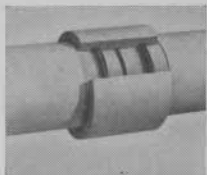
**3. Pumping Efficiency** Again Transite's

lasting smooth interior pays off by reducing water turbulence to reduce fuel costs.

**4. Saves Water** Transite's Ring-Tite® Coupling stays tight for the life of the system.

**5. Minimizes Maintenance** Made of rugged asbestos-cement—Transite cannot rust, resists all forms of corrosion.

The Transite Ring-Tite Coupling saves water loss . . . speeds and simplifies installation.



# JOHNS-MANVILLE



JOHNS-MANVILLE  
Box 14, New York 16, N. Y.  
*Without obligation send me  
further information on  
Transite Pipe for golf  
course irrigation systems.*

GO-8

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

will attract top amateurs from Canada and Eastern U.S. . . . Event will be played over 7 2holes with John Konsek, the Big Ten champion from Purdue, defending title he won in 1959 . . . Johnny Maughan, veteran San Francisco golf official, will be chmn. of grounds committee for \$57,-000 Lucky International Open to be played next Jan. 23-29 at Harding Park . . . Three local industries have donated more than \$50,000 to Quincy (Ill.) Park Commission to buy acreage needed to expand Westview GC . . . Work progressing on construction of Buckingham (Tex.) CC courses . . . Town is located in vicinity of Dallas . . . Club will have three courses, four pools, riding stables, skeet ranges and tennis courts.

Olivia (Minn.) GC members form corporation to purchase club property which they have been renting for 30 years . . . Work on Nashawtuc CC, near Concord, Mass., was halted recently when a brood of four killdeer was hatched near one of the tees . . . Audubon Society came in and made color photos for a rare closeup on the life cycle of these interesting birds . . . Geoffrey Cornish is the architect for Nashawtuc . . . Banner Lodge 9-hole resort course in Moodus, Conn., opened

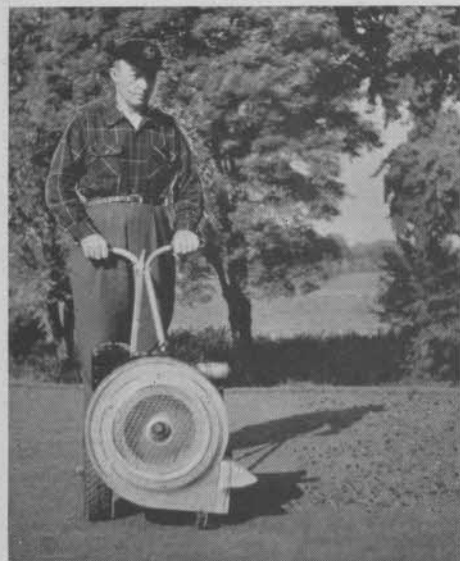
July 4th . . . Walter Burkemo has accepted the professional position at the Eldorado CC, Palm Desert, Calif . . . In the summertime Burkemo, onetime PGA champion, is pro at Franklin Hills CC, near Detroit.

Dick and Kathie Bush now operating the clubhouse of the Shorehaven GC, East Norwalk, Conn. . . . The Bushes are at Ft. Myers (Fla.) CC in the winter and have made that clubhouse a civic asset as well as a great service to golfers . . . Dev Brumley is pro-supt., Rosswood CC, Pine Bluff, Ark., which recently completed first 9 of an 18-hole course designed by Alfred Tull . . . International Paper Co. gave land for the course . . . Course is named after the International vp, Arthur Ross . . . Club has 905 members of whom 485 are International employees . . . Rosswood has 275 on its waiting list . . . Greens are Tifton 328, fairways are common Bermuda, rough is carpet grass . . . Jules Cates is club mgr.

Springfield (Va.) G&CC, feature of subdivision being developed by Edward R. Carr, opened . . . Seminole Lake Co. headed by Joe Putnam, to build 18-hole course as part of community development on 285 acres in St. Petersburg, Fla., area . . . Phoenix City (Ala.) Jaycees, headed by

## Announcing a new, quieter

PHOTO AT CONGRESS LAKE CLUB, HARTVILLE, OHIO, SHOWS SUPT. CARL S. SPRINGER WALKING THEIR LO-BLO BACKWARD, QUICKLY CLEANING A TEE OF AERATION PLUGS.



## LO-BLO, the AIR-BROOM

keeps courses tidy year around, handles the leaf problem, permits play all thru Fall Season.

- Removing aeration plugs is a breeze for the Lo-Blo, only one of its many uses. You just walk this terrific blast of air "windrow" style, blowing litter to a central point for gathering.

- Grooms greens, aprons, traps faster, better than six men; cleans leaves and litter around Clubhouse & Parking Area (right under cars). Especially valuable for Fall leaf problem.

NEW DESIGN and construction has eliminated the high-pitch noise level found to be objectionable by some users of Lo-Blo's.

EARLIER MODELS can be quickly, easily converted to new type at most reasonable cost.

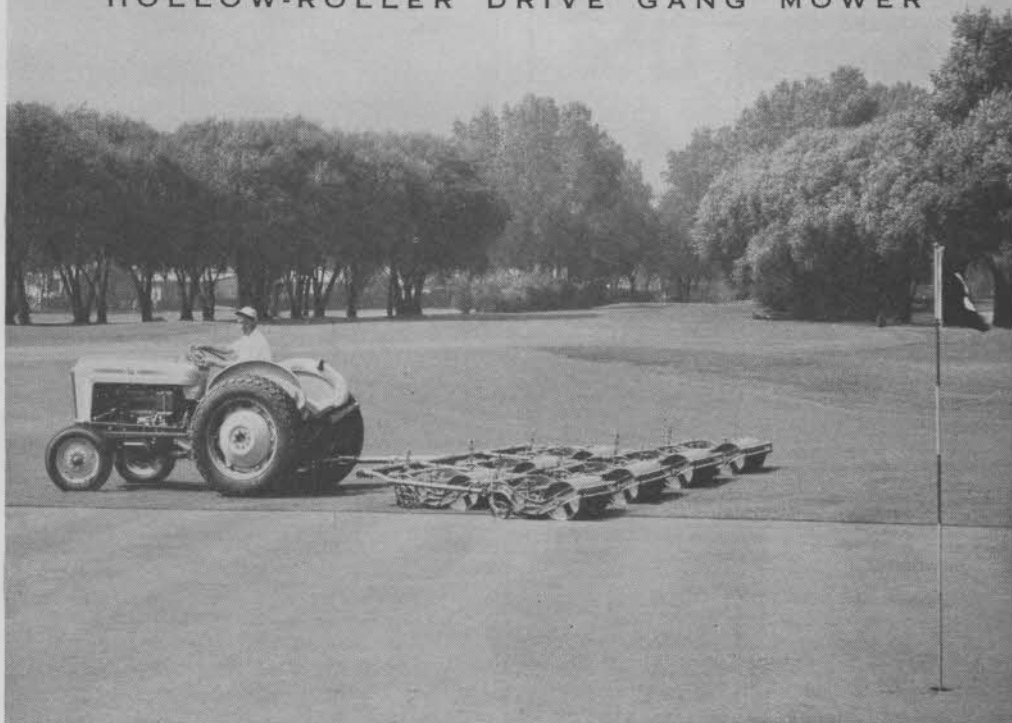
ALSO AVAILABLE — Flexible Hose Attachment to clean hard-to-reach places & Course Equipment, AND A SNOW BLOWING BLADE THAT REALLY WORKS!

*If you haven't seen this versatile machine, write or call and we will arrange a demonstration for you.*

**ATWATER-STRONG CO.** ATWATER, OHIO  
WHITEHALL 7-2344

# The New ROSEMAN Hi-Speed-Reel MARK IV

## HOLLOW-ROLLER DRIVE GANG MOWER



### SMOOTHER TURF • IMPROVED APPEARANCE • REDUCE COSTS • EARLY MORNING MOWING

The ultimate in gang mowing equipment — and perfection in mowing is now yours in the new Roseman Hi-Speed-Reel Mark IV Hollow Roller Drive gang mower.

The Hi-Speed-Reel of the Roseman Mark IV not only eliminates ribbed or washboard appearance but also cuts grass clippings into shorter lengths. With the new Roseman design these pulverized clippings are dispersed uniformly and evenly without windrowing and regardless of climatic conditions. Bunchings, droppings of clumps of grass and messy fairways are eliminated.

Early morning dew, watered fairways, heavy rainfalls and wet areas, no longer are a problem. Whatever the grass condition "early morning mowing" is now possible

with the new Roseman Mark IV Hollow Roller Drive Mower. Beautifully cut, neat appearing fairways are the result.

Non-breakable construction, reliability, low upkeep expense, faster mowing speeds, elimination of hand trimming, lower operating costs, improved playing surfaces and greater member satisfaction—all are bonus features of Roseman Hollow Roller Drive Mowers.

Before you take delivery on your next mower be sure and see the Roseman Hi-Speed-Reel Mark IV Hollow Roller Drive gang mower in actual use on your own course.

Buy and use the gang mower that improves turf, cuts costs and outperforms all others, at all hours of the day, in every way.

**MAKE YOUR NEXT GANG ROSEMAN**



**ROSEMAN MOWER CORPORATION**  
EVANSTON, ILLINOIS, U.S.A.

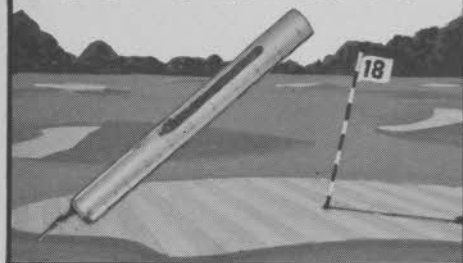
NATION-WIDE SALES and SERVICE

Write or phone TODAY for descriptive literature, prices and availability

# 6½ in. GRASS ROOTS

WITH

# Terra-Lite®



Dick Metz (l), who won the World Senior title in July from Reg Horne (r) of Great Britain, 2 and 1, in a 36-hole match at Gleneagles in Scotland, gets Teacher International trophy from Ronald Teacher of Wm. Teacher & Sons, Ltd., Glasgow. This firm underwrites both the U.S. and British Senior tournaments and the international match. Metz of San Antonio shot 137 for the 35 holes and Horne, 140.



"In spite of a rainy spring, Terra-Lite established roots (on a new green) that are 3 in. longer than on other greens where no Terra-Lite was used,"... says Supt. W. E. Updegraff, Oak Park, C.C., Oak, Park, Ill.

In every climate, experienced "Supers" agree that Terra-Lite loosens clay soil, firms-upsandy soil, conditions and aerifies any soil for deep, dense rootage. The porous grains of Terra-Lite vermiculite "blot-up" runoff and store water and nutrients at the roots. Your grass is thick and turf is springy all season long —no starved, bald or drowned spots. Read what other Superintendents say:

"Quicker seed germination, easier workability, with Terra-Lite"...Supt. Sam Salyers, Indian Run G.C., Columbus, Ohio.

"My No. 9 was dry and compacted until I used Terra-Lite"...Supt. W. J. Laughlin, Clearcrest G.C., Evansville, Ind.

"Soil structure greatly improved, turf is healthier with Terra-Lite"...Supt. Phil Pine, Huntington Crescent Club, Inc., Huntington, L.I., N.Y.

The permanent improvement of inorganic Terra-Lite is lasting as earth itself! Mail coupon for FREE data file on turf conditioning!

#### TERRA-LITE DIV., ZONOLITE COMPANY

135 S. La Salle St., Dept. G-80, Chicago 3, Ill.  
Send me FREE data on turf conditioning.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

J. Ed Seymour, agree to city's terms for lease of Lakewood Park area on which Jaycees will construct public course to design of Lester Lawrence, architect, of 36 holes at nearby Ft. Benning, Ga.

Open Green Knoll course of Somerset County, N. J., park system, at Somerville, N. J. . . . John Grace is pro-mgr . . . Sunrise Golf Village, on 2,600 acre tract west of Ft. Lauderdale, Fla., has plans for 10,000 homesites and large commercial area . . . Developers Norman Johnson and Hanley Wolf already have the 18-hole course in play.

Chester Carlson appointed gen. mgr. Fox Hills CC, Culver City, Calif., succeeding Marvin Clawson, who retired . . . Parks Director B. V. Amyx expects to have 18-hole county course at Santa Teresa Park, south of San Jose, Calif. in play next spring . . . City Mgr. Keith Murdoch says construction on Anaheim, Calif., muni 18 will start in August.

Stephen Sweet, Cromwell, Conn., attorney and others plan new country club in Middletown, Conn., area with Geoffrey Cornish designing the course . . . Paris (Tenn.) CC building new clubhouse . . . Start building first 9 of proposed 18 muni course at Mt. Ogden Park course, Ogden, Utah . . . George Von Elm of Blackfoot, Ida., designed the course.

Tampa G&CC, once owned by Babe and George Zaharias, recently sold to group including Harry Salter, real estate man of Miami Beach . . . Salter says there are no immediate plans for subdividing the 100-acre course . . . Alfred Hart and Lou Halper to build 18-hole course in San Fernando Valley, according to Pete Kokon of North Hollywood (Calif.) Valley Times





Joe Robinson, pro, Virginia Beach CC, Long Beach, Calif., Art Smith, Western Advertising Golfers, and Ralph Evans, pro, Candlewood CC, Whittier, Calif. (l. to r.) are planning the Junior Tournament of Champions to be played Sept. 6 at Virginia Beach. The event is being sponsored by the Southern Calif. PGA and WAG and will bring together in a 36-hole medal play affair winners of other 1960 Junior tourneys which the Southern Cal section has backed. The winner of the Tournament of Champions will get to play in the 1961 Bing Crosby Clambake at Pebble Beach.

. . . Lakeside GC (Los Angeles dist.) spending \$750,000 on building program . . . Nearby Deauville CC building \$500,000 clubhouse and neighboring El Caballero is spending \$500,000 on clubhouse.

Ladies PGA renews contract with Fred Corcoran as its business mgr . . . Joe McDonald of Corcoran's staff named LPGA tournament coordinator . . . Eileen Stulb continues as program director . . . Big year for proettes culminated with record crowds at USGA Women's Open at Worcester CC.

To remind you how good lady pros are playing: Betsy Rawls winning score at Worcester was 29? . . . In 1925 from same tees and on course that is virtually unchanged, Willie Macfarlane and Bob Jones tied at 291 . . . Macfarlane won the play-off with 75-72 . . . Jones was 75-73 . . . Macfarlane had 67 in the second round . . . Leo Diegel had a 68 and Johnny Farrell a 69 . . . Betsy Rawls had a 68 in the Women's Open.

Boulder, Colo., considering selling present course to private Boulder CC which now is using the munny course, and building a new public course . . . Alpine (N. J.) CC leases, with option to buy, Aldercross CC in Alpine, Demarest and Closter, N. J., and will operate as a private club . . . Nine hole course with four par 14 holes of 300 yds. or more and practice range being

*(Continued on page 76)*

# "AGRICO

gets maximum results  
with minimum time,  
effort and expense"



—says Earl Brunner,  
Superintendent,  
Valley View Golf Club,  
Hanover, N. J.



"It takes a lot of skill and know-how to raise and keep top-quality greens, tees, and fairways with today's heavy play. And it makes good sense to use a fertilizer that is designed specifically for the production of long-lasting and play-resistant turf. AGRICO fills the bill.

"AGRICO fertilizers are also ideally suited for use through the hydraulic feeding unit—which is my favorite 'no-worry' way of applying fertilizer in all kinds of weather.

"AGRICO Country Club and Turf grades are an integral part of my management program because they afford maximum results with a minimum of time, effort and expense."

See your regular supplier or write  
**The American Agricultural Chemical Co.**  
100 Church St., New York 7, N. Y.

## AGRICO®

*America's Premier Golf Course Fertilizers*

**AGRINITE®**  
*the better Natural Organic Fertilizer*

# FREE

## engineering layout of a **PLASTIC PIPE SPRINKLING SYSTEM**

for **YOUR** course...

WHETHER OR NOT YOUR  
IMMEDIATE PLANS CALL FOR

**CresLINE**  
the #1 PLASTIC PIPE



We're willing to invest some high-priced engineering talent on your course right now with *no cost or obligation to you* because we believe that ultimately you'll pick the No. 1 Plastic Pipe — Cresline!

### WE'LL DO THIS FOR YOU FREE!

1. Make a complete blueprint plastic pipe diagram layout for the sprinkling system of your choice for your course.
2. Figure your costs on the pipe required.
3. List supplemental equipment needed.
4. Provide complete instructions for proper operation of the system.

Each course layout is individually engineered and designed. This service is free and there are no obligations!

### SIMPLY SEND US THE FOLLOWING INFORMATION:

1. Plan of course drawn to scale including location and size of all the buildings.
2. Water supply. Location, source, volume of water.
3. Topographical map. Location of trees, greens and water supply. (If such a map is not available, show elevations on plan of course.)
4. Type of system required. Greens and tees only or complete system of greens, tees, and fairways.

GOLF COURSE TECHNICAL PLANNING DEPT., G-0  
CRESCENT PLASTICS, INC.  
EVANSVILLE, INDIANA

- Please make engineering suggestions and figure costs on attached plan.  
 Send more data on Cresline Pipe.

NAME.....

TITLE.....

ADDRESS.....

CITY.....STATE.....

**MAIL THIS COUPON TODAY!**

**CRESCENT PLASTICS, Inc.**

955 Diamond Ave.  
Evansville, Ind.

PIONEER MEMBER OF



MEMBER OF NATIONAL GOLF FOUNDATION