



## GREAT GREENS ARE PAR FOR **AGRICO**

The professionalism with which Agrico approaches golf course turf problems is a big reason two out of three turfmen continue to select Agrico Country Club Fertilizers year after year. Agrico's custom-tailored program, exclusively for golf courses, plus full service and expert counsel every step of the way, can be of genuine value to you. See your AGRICO man today.

 **AGRICO<sup>®</sup>** Country Club Fertilizers ...  
at the roots of the best turf in America!

For more information circle number 208 on card

# The modern way to cut large grass areas . . . .

## Introducing the revolutionary Ransomes 15 ft. cut fully-hydraulic 7-Unit Power Gang Mower



### Time Saving

Now, gang mowing is handed over completely to a powerful hydraulic system. All operations are handled in seconds with finger-tip control from the tractor seat.

### Mowability

No need to wait for ideal conditions underfoot, with this power-driven outfit, you can go gang mowing! Whatever the cutting conditions, you can trim the grass to perfection.

### Governed Power

With hydraulic, direct transmission you get full tractor power where you want it—at the cutting cylinders with variable cuts per yard from 20 to 75.

### Versatility

From a full 15 ft. cutting width, the Hydraulic Power 5/7 slims down to its 8 ft. 2 ins. transport width in seconds at the touch of a lever! Quick height-of-cut adjustment enables dual purpose gang mowing for both fairways and "rough".

**RANSOMES**



RANSOMES SIMS & JEFFERIES, IPSWICH, ENGLAND

# ... and greens

## ...and reminding you of the superb Ransomes Auto Certes.



This is the greens mower that so many professionals choose.

- Unrivalled reputation for perfect greens grooming.
- Impact resistant high grade steel ten-knife reel.
- Whisper quiet engine starts first time—every time.
- Single point micro-hand wheel height-of-cut adjustment.
- Brush and comb set fitted behind front roll for controlled turf grooming.
- Easily fitted powered differential transport wheels.
- Unit construction simplifies maintenance, reduces repair costs.

Learn all about these and all the other world famous Ransomes Mowers,  
at Island E stand at the Miami Turf Conference.

### Warrens Turf Nursery

IMPORTERS FOR RANSOMES

Head Office: 8400 West 111th Street,  
Palos Park, Illinois, U.S.A. Telephone 448-7200



## RANSOMES

RANSOMES SIMS & JEFFERIES, IPSWICH, ENGLAND

NATIONAL SALES & SERVICE NETWORK THROUGHOUT THE U.S.A. AND CANADA

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## PGA show products

Continued from page 22

VIP model irons and on MT Tourney irons with steel or aluminum shafts in a choice of flexes. Suggested retail price: VIP aluminum shaft, nine irons, \$207; four woods, \$136; MT, nine irons, steel, \$184.50; aluminum, \$202.50.

The MT Tourney woods for 1969 are made with new epoxy glues and laminating methods. New weather-proof finishes are featured on this model line. Cherry woods have aluminum alloy face insert while golden oak woods have insert. Woods are available with steel or aluminum shafts. Suggested retail price: four woods, aluminum shaft, laminated head, \$124; persimmon head, aluminum shaft, \$124; persimmon head, steel shaft, \$116.

The manufacturer's limited-edition VIP clubs, designed by Jack Nicklaus, are restyled for '69. Irons feature the "split level sole." The solid persimmon woods are in weatherproof Yale gray stain and have matching face insert.

Pedersen Golf Corporation is introducing a new Staff model in woods and irons to augment its PFL line.



The woods feature a new deep face driver, incorporating a new insert comprised of GE Lexan. They are available in multicolors and in True Temper aluminum or steel shafts.

The highlight of the new iron is its shallow neck line. The CS-9 model is also available for those golfers who desire a larger sitting surface.

Suggested retail price: nine irons, \$211.50; four woods, \$128; CS-9 Model, nine irons, \$202.50; four woods, \$124.

Toney Penna Company has also come out with what they claim is a completely new and revolutionary iron. The TP model is made by the lost-wax process which, the company believes, makes the club the closest to

perfection you can get pertaining to the functional and practical side of its use. The TP stamped on the heart of the clubhead reportedly gives better weight distribution.

The company feels that it is too expensive a product for anyone to produce in large quantities and believes it is probably the only small outfit that is producing an iron through this method. They are set up to make only 500 irons and 200 woods in a five-day workweek. Emphasis is on quality and not quantity such as finest grade persimmon wood for wood heads; use of their own pattern in shafts and being very individual on their grips.

Prices for custom clubs, made to their standards, are \$21.60 for woods, \$16.20 for irons, retailing at \$36 and \$27, respectively. Personalized clubs made to individual specifications cost \$24 for woods, \$18 for irons and retail at \$40 and \$30, respectively.

Professional Golf Company is adding to its 1969 lines: a new steel shaft; more aluminum shaft clubs; a new men's right-hand club set; a broader range of golf bags, and a new one-piece golf ball.

The new steel shaft features more step-downs than any other store line shaft on the market, according to the manufacturer. The expanded aluminum shaft line can now be obtained on the company's three top models, the PG Maxima, PG Professional and Deane Beman Personal. (The latter two come in men's right-hand models only.) Suggested retail prices for a four woods, nine irons aluminum shaft set range from \$274 to \$370. The steel shaft sets range from \$240 to \$337.

The new men's right-hand club set, the Jimmy Demaret Registered, features True Temper aluminum shafts. It comes open stock, in one standard style, is not cartoned and carries a suggested retail price of \$239 for a set of four woods and nine irons.

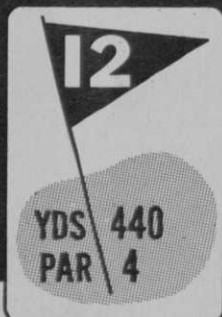
PG golf bags for 1969 include nine styles, ranging from suggested retail price of \$160 for the Dorado Corfam series to \$15 for the Totem canvas series. All but two low-end series have matching headcovers.

Cutlass is the new solid ball that will sell for a suggested retail of \$9 per dozen.

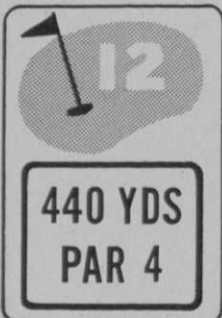
PGA Golf Equipment has a newly designed golf club line, an additional club entry and some changes on its ladies' clubs.

The Custom line heads the list of new offerings. The woods feature the com-

Continued on page 88



G-91 Red • Green • Black



G-92 Green • Yellow • Black

# Colorful NEW TEE MARKERS!

JUST \$4.95 EACH!

Colorful Hole Numbers, attractively designed in two exciting styles. On strong 18 gauge steel, with weatherproof baked enamel finish . . . size 12" x 18". Just send us your scorecard, with correct yardage, indicate style wanted and we will custom make in just three weeks! Sturdy 5½' channel posts \$1.50 each.

Send check with order and we pay shipping charges.



\$1.60 EACH

SIZE 10" x 7"

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SIGNMAKERS SINCE 1875

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ST. LOUIS, MO. 63144  
PHONE 314/645-0101

For more information circle number 258 on card



## “Nearly 9,600 pounds-- and not a mark on the turf!”

“I could hardly believe it when they tested a loaded Champion Doo-All Trailer on our No. 11 fairway,” said Steve Zappe, Greens Superintendent at the Springfield (Ohio) Country Club.

“We had about 12 inches of rain in three weeks. The morning before the test, the course was closed because of standing water.

“I let them run the trailer only in the rough at first, then down the edge of the fairway and, finally,

right down the middle. There was not a mark on the turf — you couldn't even tell where the Terra-Tires had passed. My shoe heels were actually doing more damage than the Doo-All loaded with two yards of sand.”

Could you use this gentle work-saver on your course? Models in  $\frac{3}{4}$ , 1,  $1\frac{1}{2}$  and 2 cubic yard capacities, convertible to flatbeds, **and all with Terra-Tires.**



ORDER FROM CHAMPION OR YOUR EQUIPMENT JOBBER



**THE CHAMPION COMPANY**  
Springfield, Ohio 45501

**DOO-ALL TRAILERS—WHERE FINE TURF NEEDS EXTRA PROTECTION**

For more information circle number 196 on card

# NO UGLY seed heads

with



## FYLKING KENTUCKY BLUEGRASS

In spring most lawn grasses sprout green and beautiful turf. Then an ugly problem arises. Seedheads begin to appear with gypsy abandon, turning the green scene into a jungle of wiry straws even sharp mowers fail to sever. This wire-like growth remains an eyesore.

You can always survey your lawns with pride if you grow 0217® Fylking Kentucky bluegrass. Fylking shoots up a spring abundance of new green leaves, never produces wiry stems and ugly seedheads. This sensation of the sod and seed industry is low-growing, always mows smooth and thrives on close cutting. Fylking produces thicker, greener turf which is more disease, weed and wear-resistant than any variety yet (proven by 10 years of international testing — rated best obtainable by turf authorities).

Turf-forming qualities make it possible to lift sod in 110 days.

You'll never have ugly seedheads if you specify 0217® Fylking Kentucky bluegrass. See your seed distributor. For information or names of authorized distributors, write Jacklin Seed Co., Dishman, Wash. 99213.

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## Answers to turf questions

by Fred V. Grau

### A turf museum?

In 1927 at the University of Nebraska in Lincoln, it was my privilege to help plant and care for a living plant museum. We grew on several acres in rod rows every plant that could be grown in that climate: beans and barley, cotton, corn and castor beans, einkhorn and emmer, oats and okra, speltz, soybeans, wheat, wheatgrass.

In 1937 in England I saw a living weed museum, which was maintained at the Board of Green-keeping Research, Bingley, St. Ives, Yorkshire. Each weed of turf was grown in a clump bordered by a path of neatly mown turf and was identified by a label. To date, I've seen nothing comparable to it in this country.

In September, 1968, at the Turf Valley CC I addressed a joint meeting of the Mid-Atlantic and the Philadelphia Superintendent's Associations. While showing a 1946 picture of a wheelbarrow seeder, then at least 25 years old, I said that the turfgrass industry should maintain a museum that would house relics and artifacts of the industry: tools, machines,

sod cutters, mowers, boots for horses that pulled the mowers and many, many more.

Among the first men to comment favorably on the idea were Elwyn Deal, University of Maryland, and Eddie Ault, golf course architect. Superintendents also expressed interest. One thought was to locate the museum near Washington, D.C., to best serve the nation's turfgrass industry.

While writing this column for GOLFDOM, another thought came to my mind: Why not create a museum for tools associated with a living turf museum in which all growing grasses and weeds would be displayed? And to top it off, what would be wrong with establishing a turfgrass hall of fame?

I can dream, can't I? Does anyone have a relic in his attic? Or a nomination for the hall of fame? Hopefully, we can begin to gather ideas as to how all of this can best be accomplished. Comments are invited.

*Q.—With the trend toward blends of bluegrasses there seems to be a tendency to use less red fescue in mixtures. What is your view?*

*(Maryland)*

*A.—The more I see of quality turf from bluegrass blends the more I realize that red fescue is losing its place in the traditional bluegrass-fescue mixture. Red fescue has a different standard of maintenance and, when subjected to the level of nitrogen feeding required for bluegrass, it tends to disappear. The improved bluegrasses can stand on their merits, especially in blends in which the weakness in one variety*

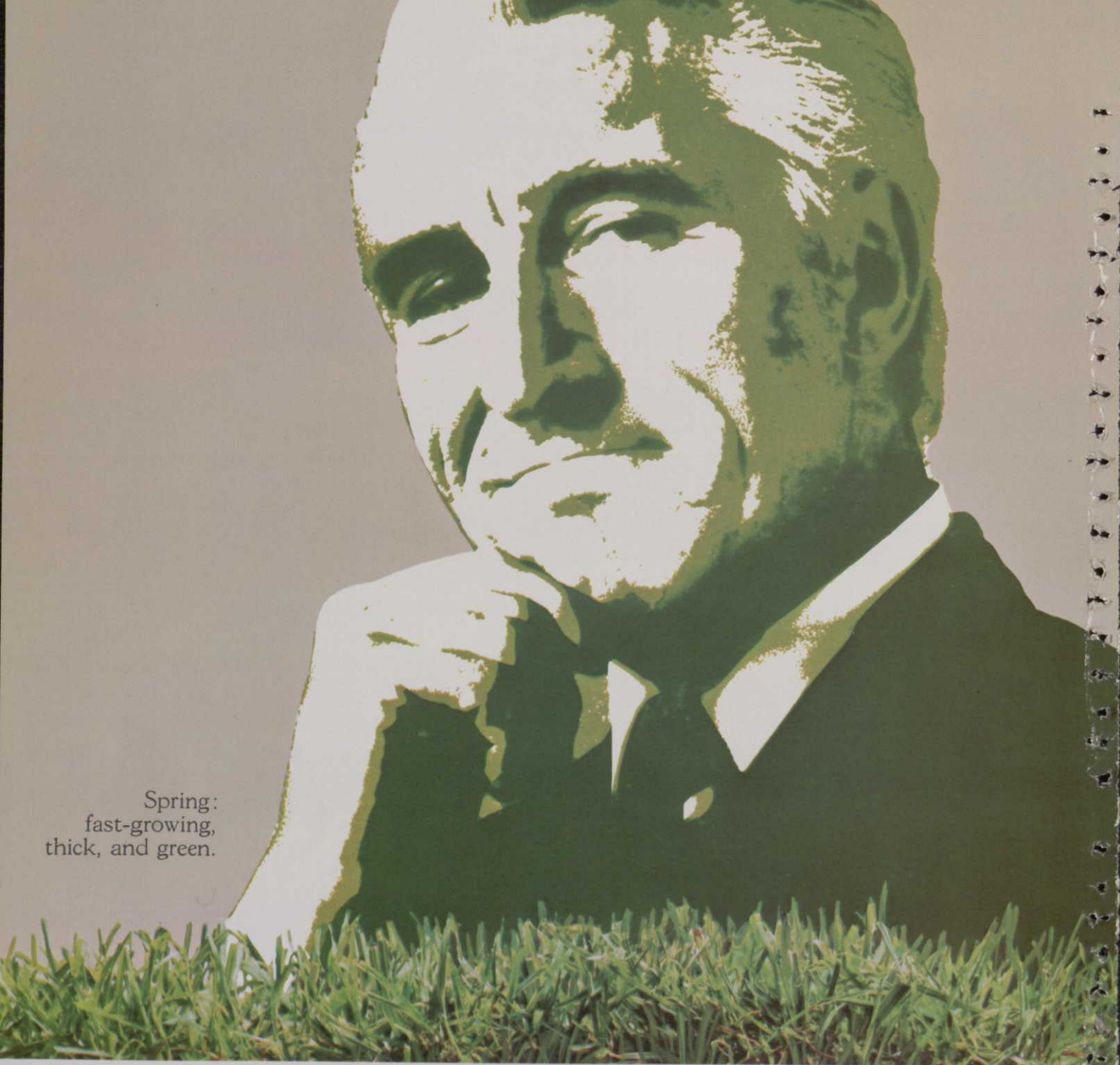
*Continued on page 83*





**Is there a Jekyll-and-Hyde at large  
on your  
golf course?**





Spring:  
fast-growing,  
thick, and green.

## Don't let Poa annua turn on you.

**Poa annua can become  
your worst enemy overnight.  
Begin the Balan Plan for  
Poa annua phase-out.  
You'll get rid of Poa gradually,  
without harming desirable turf.**

Poa annua (annual bluegrass) has been nothing but trouble for most golf course superintendents. Try to hold Poa annua all season and it browns out when you need it most. Try to eliminate it and you learn what frustration is all about.

ALL THAT'S CHANGED NOW. Pre-emergence Balan Granular now has USDA registration for

use in controlling Poa annua on established turf. Balan delivers the degree of safety and dependability a prudent man looks for. And economy, too. Balan's the predictable herbicide formulated to give the response you want.

With Balan you can steadily reduce your stand of Poa annua. Applied prior to germina-



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(Balan<sup>TM</sup>—benefin, Elanco)

ELANCO PRODUCTS COMPANY

I'd like to know more about Balan Granular pre-emergence herbicide. Please send me complete information on Balan and where to buy it.

I'm interested in treating a total area of \_\_\_\_\_ acres.

I presently use a pre-emergence herbicide on:

- ☐ Fairways ☐ roughs  
☐ clubhouse grounds

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

ESTABLISHMENT \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_



(Balan™—benefin, Elanco)



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