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Every one is designed to put your course in peak condition for championship play.

And every one is backed by the experience and services of your local Vertagreen representative.

He has a complete bag of professional turf products, and he knows how to use them.
Response to the idea of a museum for antique turfgrass tools has been heart-warming. One man said, "I used to work for John Morley. We have an attic full of old tools. Where shall I send them?" Quickly I said, "Don't send anything just now! Write me a letter listing the items that you would want to donate to a national museum." If enough people send me a list of items there will be the chance to start estimating the floor space needed for display. We do not yet have a national committee or a location—only a fertile idea that seems to have appeal.

We wish publicly to congratulate the golf professionals for their master stroke in securing the services of a real pro in his own right, Joseph C. Dey, Jr. Joe stands tall wherever he goes, and wherever he goes, the game of golf flourishes. We are delighted that he has accepted a position on the Honorary Board of Directors of "The H.B. Musser Turfgrass Fellowship" about which there will be publicity in the very near future.

The thirst for information seems to be unquenchable. Records again were broken at the Penn State Conference. (My Viet Nam trip eliminated me from the National and the Virginia meetings—sorry!) Fewer letters with questions reach me these days, but I am able to pick up excellent discussions at conferences, particularly with turfgrass students. They are fresh and eager and they want to know! Thanks to efforts by our current turfgrass leaders they are getting answers. We need more studies on the development of superior "fool-proof" grasses for turf. But this takes money. Hopefully the Musser project will speed the release of better grasses for better turf.

Q.—We have large areas of zoysia and bermudagrass on our course. Last fall we let it grow up for winter protection (and to save mowing costs). Someone suggested that we get rid of the excess grass by burning. Will that hurt the stand? (Virginia)

A.—If burning is done while the soil still is moist and cool and while the grass still is dormant or semi-dormant, no harm will result. Actually, the grass will turn green much sooner. The black residue draws heat from the sun and allows the soil to warm more quickly. Damage might occur if the new growth is well advanced. Then it may be better to remove the dead material mechanically. Oh yes, you really should advise your fire department in case there will be publicity in the very near future.

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The units are raised and lowered... hydraulically. Forward, neutral and reverse reel drive is provided... hydraulically. The result is a superb cut everytime, and a much easier job for the driver. We're proud of the 5/7. It's the biggest step forward in large area grass cutting for 20 years.

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3. From a full 15-ft. cutting width the 5/7 slims down to its narrow transport width in seconds, at the touch of a lever.
4. Reverse drive clears choked reels and allows back lapping.

5. Hydraulic power allows from 1 to 7 units to be used separately or collectively.
6. Units cut in front of the tractor drive wheels before grass is flattened.

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Is there something as good or better?

(Virginia)

A.—Mist blowers do not seem to be very practical where air currents are a problem. Drift is a source of loss and a potential hazard where finely-divided droplets are concerned. Hydraulic seeders (Finn, Bowie, Reinco) appear to me to be extremely practical on the golf course. They can be used to apply fertilizers, lime, fungicides, herbicides, seed, wood cellulose fiber mulch on new plantings of seed or stolons, and even for planting grass vegetatively. Hydraulic seeders are multi-purpose. The mist blower must operate in a much narrower range.

(Pennsylvania)

Q.—We have heard many times that phosphorus and arsenic conflict, particularly in the control of Poa annua. When phosphorus levels are high it seems that arsenicals work rather poorly. Conversely, arsenic becomes more effective when P levels are low. What is the explanation?

A.—Phosphorus and arsenic are very close together in the Periodic Table, a chart of known chemical elements. Their atomic weights are very similar and can replace each other in many chemical combinations. In the plant cell, P is essential for growth and development. Poa annua thrives on a high P diet. Most turfgrasses need very little P. When P is deficient and As (arsenic) is introduced, the grass plant takes in As. In the cell this heavy metal element precipitates the proteins which then cannot be translocated to the growing points. The plant yellows, becomes stunted and eventually dies if the concentration of As is high enough.
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Golf resort of the future  
Continued from page 22

to increase."

A predecessor and pacesetter for Boca Raton is another Arvida community, the Royal Palm Yacht & CC, begun about 10 years ago in the town of Boca Raton. This community is situated on the Intracoastal Waterway so that its luxury homes (average price—$85,000) can face either canals or fairways.

The management expects that the occupancy pattern of Royal Palm will be duplicated at Boca Raton, West, with about half the residents retired (60 years and up), about one-quarter semi-retired (50 to 60 years) and the rest employed full-time (30 and up).

More significant as an indication of the attractiveness of Boca Raton, West to prospective buyers, is the appreciation of property at Royal Palm—some home values have increased as much as 25 per cent in the last five years.

The open space concept is indicative of the thinking and planning of the Boca Raton development. Although the entire development may ultimately contain over 4,000 apartments, they will occupy only about 32 per cent of the land, and the four golf courses within the acreage of Boca Raton, West will assure the open spaces of the development for home and condominium buyers.

The courses, which were designed by Desmond Muirhead and Gene Sarazen, will each provide three levels of play: professional, men’s and ladies’. Difficulty of play at Boca Raton courses will be regulated by using many tees with unusual shapes and placements, rather than moving the tee closer to or farther away from the green. It is anticipated that this will change the challenge of the course as well as distance. For instance, on the first course the yardage is 7,065, 6,400 and 5,635 for professional, men’s and ladies’ play; par is 72. The tees curve in S, Y, U and H shapes to make the water hazards, traps and widths as equal as possible.

In Palm Beach, a 1,000 acre tract is being developed by United

Continued on page 82
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