

## Grau's Answers

(Continued from page 42)

likes and dislikes, his game, etc. and other personal facets may pay off handsomely. Everyone likes to be understood and appreciated.

Others who are seen frequently by the supt. are salesmen. They have their own points of view which may not be fully appreciated by the supt. Their basic function is to sell but they must be capable of serving in an educational capacity. In a large measure, salesmen in the turf-grass industry have become an extension of the extension services of the universities. The difference is that the college specialist has nothing to sell but information and service. By appreciating the point of view of the educated salesman, the supt. can gain valuable knowledge concerning products and technics.

Do we understand the potential dangers of chemicals that we handle frequently as a matter of course? I'm sure that we read the labels and note whether or not the material is poisonous or dangerous, but do we really fully appreciate the warnings? The National Safety Council reports these grim statistics for the period 1946 to 1960: a total of 524 deaths; due to arsenic 6; cyanide 41; chlorinated hydrocarbons 85 (35 for DDT); fluorides 26; nicotine 50; organic phosphates 105 (73 for parathion); phosphorus and P-compounds 211 (201 for rat poisons).

The turfgrass industry can gratefully note that no fatalities were recorded for mercury and mercury products which are used in large quantities for disease control.

### Seeks Dense Turf

**Q.** We seeded our new greens to a 50-50 mixture of Seaside and Colonial bent at 2 pounds per 1,000 sq. ft. We can't seem to get the turf to fill in and make a dense putting surface. What do you suggest? (Ohio)

**A.** You have furnished no information on fertilization. It is possible that the grass is hungry for nitrogen. Another factor is your choice of grasses. Colonial bent is a bunch-type grass that does not spread to form dense turf as creeping bents do.

My suggestion is to treat these greens with the hydroseeding technic is to use one-half pound of Penncross seed to 1,000 sq. ft. and the suggested fertilizer. Repeat two weeks



## McLAUGHLIN

### Range, Miniature, Pro Shop Golf Balls

Made of finest materials, carefully supervised. Covers contain the new DUPONT NEOPRENE HC for maximum durability. Finest URETHANE enamel used.

★★★★★

### WANT TO SAVE ON RANGE BALLS?

Have your culls rebuilt the McLAUGHLIN way. Exclusive process gives them same durability as new range balls. Covers and paint the same as our new range balls.

★★★★★

Range and miniature supplies and equipment. Send for catalog. Used balls bought, sold and exchanged.

Free samples of balls  
on request.

★★★★★

YOU CAN PAY MORE —  
BUT YOU CAN'T BUY BETTER!

HUGH J. McLAUGHLIN & SON, Inc.

614 N. Indiana Avenue, Crown Point, Indiana

# Which 2 Kinds of Golf Shoes?

**T**HERE ARE 2 kinds of golf shoes—street shoes with spikes added, and *Bowen* golf shoes—designed, built, and styled with only golf in mind. Only *Bowens* are the *Sports Golf Shoe*.

Most pro-shops can profitably carry only two lines of golf shoes. Pick any one of the many excellent heavyweights—with heels—but be sure *the other brand is Bowen*. No sense in carrying two heavyweights when one will do—one plus featherweight, specialized, flat-soled *Bowens*.

In every active sport, specialized shoes are the most important single piece of equipment. Tennis, football, basketball, sailing... every active sport you can name uses flat-soled shoes like *Bowens*. *Convincing*, isn't it?

Order now, for immediate or for spring delivery, or write for 1965 catalog in full color.

*Bowen*  
Sports Golf Shoes



Bowen, Inc., 35 Fillmore St., Pasadena, Calif.

JOHN W. GLASS, Vice President for Sales  
Box 873, Dunedin, Florida

Service Warehouses:

WILTON, CONNECTICUT: Pedersen Sales Company

In February:

CHICAGO: 2603 West Lake Street, Melrose Park

DALLAS: 938 Exposition Avenue

later. After that, maintain a high N level to encourage the grass to thicken. Be very sparing with topdressing for a couple of months. Make sure that the pH range is not limiting.

## 10-6-4 or Straight?

**Q.** We had soil samples taken from our fairway for tests at three different laboratories. Results were in agreement showing pH 5.6, very high phosphorus and very high potash. We will apply limestone to correct the acidity. One source of information recommends a 10-6-4 fertilizer; another recommends straight nitrogen. We have mostly Bermudagrass. What should we do? (Missouri)

**A.** The limestone is essential. With ample supplies of P and K in your fairway soils it is hard to see why you should apply anything but straight nitrogen. Eventually the levels of P and K will drop to the point where a complete fertilizer can be justified. Until that time you will get the greatest value for your fertilizer dollar in straight nitrogen.

## Bentgrass Seeding

**Q.** We have used your suggested procedure for hydroseeding bentgrass seed with very good results. We seem to notice that we get quicker germination with hydroseeding than with ordinary dry broadcast seeding. Can you suggest a reason for this? (Indiana)

**A.** Research has shown that many seeds have substances in their seed coats that inhibit or delay germination. Soaking the seed overnight or washing the seed seems to remove the inhibitor. In the hydroseeder tank (spray tank) the seed is churned and agitated in a water-and-fertilizer slurry. This effectively removes the inhibiting substances so that, when the seed-fertilizer mix is sprayed on the prepared seed bed, it is ready to germinate at once. Records show that bent seeds often show sprouts in three days.

## Chicagoland Golf Assn. Officers

Dan Taggart, Arlington (Ill.) CC, was elected president of the CGA at the November meeting of the association held at Long Grove (Ill.) CC. Fred Willey of White Pine CC was elected vp; John Coghill of Silver Lake CC was elected secretary; and George Gee, Sr. of Big Run CC was elected treasurer.

## Second Pittsburgh Golf Show

The second annual golf show, sponsored by the Tri-State PGA, will be held in the Civic Arena in Pittsburgh, Mar. 12-14. Last year the show attracted more than 5,000 golf followers.