WHAT TO GUARD AGAINST—Equally as important as what is wanted, is what is not. Here is a "rogue's gallery," of the grasses and weeds most pestiferous in turf, as determined by the Velsicol Chemical Co. survey and this writer's "The Lawn Book," Macmillan, 1961 (See Chart). Obviously, they vary widely with the climate and location and many others could be added to the list.

Of these turf rogues, any golf course superintendent realizes that many—almost all of the broadleaf sort—are controllable these days with herbicides. It's a different matter with many grass-type weeds, which should be guarded against more carefully as inclusion in purchased seed.

seed.

HOW TO IDENTIFY QUALITY-

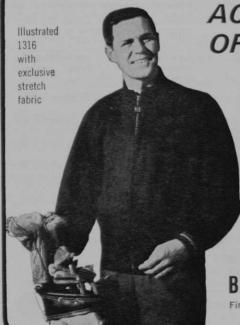
A germination percentage is required by law on the seed label or tag; it is checked by official policing. The higher the germination, naturally the greater the value (by the same proportion). But it makes not a great deal of difference in getting a stand, whether the bluegrass you sow germinates say 80% or 90% (though the

higher germinating seed should then receive at least a 10% price advantage). It is normal for germination to vary among species, and even between lots from one region and another. Except for a casual check to note value, one can pretty well take for granted adequacy of germination on seed reaching market through regular channels.

Purity is another common standard of sale. It signifies the weight of designated seed as a percentage of the total weight. The best lots of some seed types may run as high as 99% pure, the remaining 1% being a bit of dust or chaff termed "inert." With other seed 85% purity may be usual. Much depends upon the kind of seed, and even the year of harvest. There are instances where cleaning out the last bit of chaff would also eliminate good seed, and thus raise the price for no real benefit. But again, lesser purity should certainly be compensated for by proportionally lower price.

Varying according to state seed law, weed content must also be listed on the label. Some weeds especially pernicious

Continued on next page



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SEED SELECTION

Continued from page 91

in agriculture may be forbidden entirely. Others, less serious, must be grouped as "weeds" but don't have to be individually named. Naturally, for fine turf such as on the golf course, purchasing seed with any significant amount of troublesome weeds (those of Chart) is questionable. But it well may be that certain weeds bothersome on the farm are of no consequence in mowed turf-things like Galium, dodder, etc. Nevertheless, it behooves a superintendent to specify essentially weed-free seed unless an analysis by a testing laboratory reveals exactly what the weeds are, and the superintendent sees that they are of no consequence.

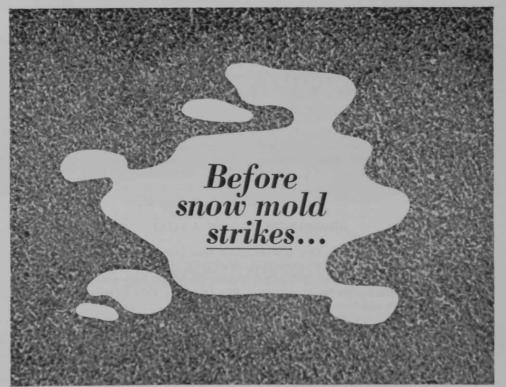
So far, quality considerations are reasonably clear-cut. But there's a less obvious aspect worthy of checking on, too. This is the "crop" content. Most state seed laws allow up to 5% each of non-

Continued on page 95

EPITOMIZED TURF WEED SURVEY

(in approximate order of recognized pestiferousness)

Grasses And Other Monocotyledons crabgrass, Digitaria	An annual, now controllable with herbicides.	
annual bluegrass, Poa annua	Good golf turf except for seedheads and summer die-out risk; no good herbicide control.	
goosegrass or silver crab, Eleusine indica	A tropical annual, favoring hot, compacted ground; moderately controllable with herbicides.	
quackgrass, Agropyron repens	Tough, persistent perennial with deep rhizomes; noxious, no selective control.	
dallisgrass and other Paspalums	As bad as crabgrass in middle and southern latitudes; perennial, not easily controlled.	
nimblewill, Muhlenbergia schreberi	An increasingly important perennial pest of the Midwest, fine-textured but patchy; herbicida control erratic.	
sandbur, Cenchrus sp.	Annual developing troublesome burs; herbicidal control moderately successful.	
tall fescue, Festuca arundinacea	Perennial bunchgrass taking place of crabgrass as No. 1 pest in lawns; no selective control.	
other "haygrasses" (orchardgrass, timothy, brome)	Perennial problems similar to tall fescue.	
nutsedge, Cyperus	Perennial clumps of fast-growing, yellowish foliage from deep "bulbs"; no satisfactory selective control.	
wild onion or garlic, Allium sp.	Problem similar to nutsedge, mostly middle latitudes.	
(Others, less frequently listed as important, are: barleys, barnyard grass, foxfail, Panicum , redtop, smutgrass, stinkgrass, velvet-	grass, and occasionally bentgrass or ber- muda when invading other type turf.)	
Broadleaf Weeds, The Dicotyledons dandelion, Taraxacum officinale	Easily controlled,	
plantain, broadleaf and buckhorn, Plantago sp.	Easily controlled.	
knotweed, Polygonum aviculare	Controlled with newer herbicides.	
chickweed, common, Stellaria media	Controllable selectively.	
chickweed, mouse-ear, Cerastium vulgatum	Controllable selectively with persistence.	
spurge, spotted, Euphorbia maculata	Controlled with newer herbicides.	
speedwell, Veronica	Controllable selectively with persistence.	
henbit, Lamium amplexicaule	Controllable selectively with persistence.	
(Others frequently quite a nuisance are: black medic, clovers, docks, ground-ivy, hawkweed, mallow, mustards, (Cruciferae),	pennywort, puncture vine, purslane, sheep sorrel, shepherd's-purse and other cresses, wild carrot, wood sorrel and yarrow.)	



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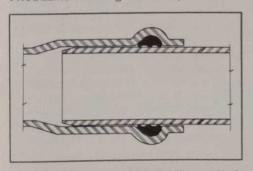


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Gift wrapping moves merchandise. Many of the products you sell are bought as gifts. If they are gift-wrapped, your member has only to buy the product and give it. Both the giver and the recipient are pleased.

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It's a service that should be exploited fully. It is best promoted by making it available to all members and by using quality materials. Don't hide your giftwrap department. Don't make the customer beg for the wrapping. Have a large selection of bows, ribbons and papers on hand.

If the purchaser can't get this service at your shop, he will go elsewhere.

It is no secret that men don't like to gift-wrap. The shop must do their wrapping. A good gift-wrap program can make your shop gift headquarters for your membership. It is good business to gift-wrap. It is good business to promote your gift-wrapping, whether you offer it as a free service or charge for it.

Members like to know (1) does the pro shop gift-wrap?; (2) is it free?; (3) if there is a charge, how much?

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Continued on page 100

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