Tough Weeds Easily Destroyed

Persistent weeds in noncrop areas are now being controlled with a new group of herbicides. Researchers at General Chemical Div., Allied Chemical Corp., say that the herbicides attack weeds through the root systems, giving long-term control.

The weedkillers, new formulations of Urox, are applicable for industrial sites, railroads, highways, and other noncrop areas. According to the company, Urox 'J' is adapted for destroying Bermudagrass, crabgrass, and Johnsongrass. Urox 'D' is aimed at most annual and perennial grasses and broad-leaved weeds.

Hard-to-kill grasses such as quackgrass and broomsedge are targets for Urox 'H'. For more details write the company at 40 Rector St., New York, N.Y. 10006.

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urea-formaldehyde produced by chemical companies.

Special slow-release nitrogen compounds and coated soluble fertilizers are inorganic types. Many of these slow-release fertilizers are still in the experimental stage but some may be available soon. The sewage sludge and urea-formaldehyde types are presently available and are widely used on turf.

Annual applications of nitrogen, phosphorus, and potassium are needed for vigorous growth of turf. Because of the high nitrogen requirement of turf relative to phosphorus and potassium, and because of high leaching losses and other losses of soluble nitrogen from the soil, this element should be applied in excess amounts. Often two to four times as much nitrogen should be applied as phosphorus and potassium, particularly where grass clippings are removed, as on a golf green. Fertilizer grades such as 20-5-10, 16-8-8, or 20-10-10 are commonly preferred. Supplemental nitrogen may be applied as a liquid or solid any time during the season as needed.

Proper fertilization promotes healthy and vigorous grass and helps produce a desirable color; aids in preventing diseases and in controlling competing weeds; and minimizes damage from extended drouth periods, Farnham said.

Trans-A-Tainer Collapsible

A variation of its Quik-Bin package has been developed by the U.S. Bulk Handling & Container Co. Called the Trans-A-Tainer, the new product has a built-in pallet base. The upper part, which is collapsible, is of weather-resistant material that gives protection to dry, flowable products such as fertilizers, pesticides, etc., the firm maintains.

The company reports that five Trans-A-Tainers, when collapsed, require a storage area 60 inches high and 44 inches square. For details write the firm at 333 North Michigan Ave., Chicago 1, Ill.