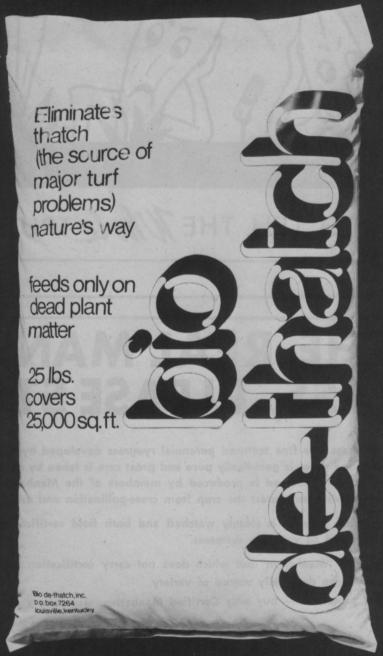
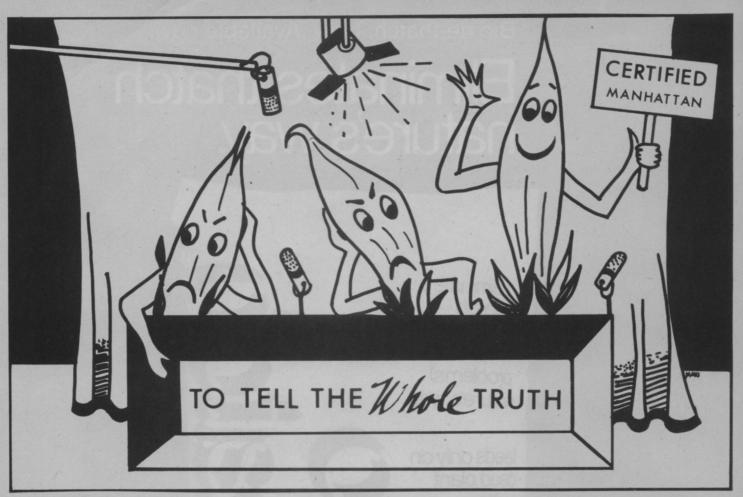
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When answering ads where box number only is given, please address as follows: Box number, c/o Weeds Trees and Turf, 9800 Detroit Ave., Cleveland. Ohio 44102.

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ARPS stump cutter teeth, top quality and best price in U.S.A., D. J. Andrews, Inc., 17 Silver St., Rochester, New York 14611. Call 716 235-1230.

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FOR SALE stump cutter. Vermeer model 1560, good condition \$2000.00. Phone 517 484-5780.

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ating growers. Fylking, Delta, Park, Newport, Nugget, Adelphi, Cheri, Glade and Baron bluegrasses as well as fine fescues. Also Manhattan fine leaved rye grass. We will custom mix to your specifications. Michigan State Seed Co., Div. of Vaughan-Jacklin Corp., Grand Ledge, Michigan 48837. Phone No. 517 627-2164.

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#### GUEST EDITORIAL

(from page 23)

talk about fertilizer being taken from the golf courses in America to supply farmers in developing nations. What is needed is funds from the wealthier countries to secure fertilizer deliveries and to help pay shipping charges to the users."

Recent commentaries on nonfarmer fertilizer use have tended to imply that their usage is frivolous and entirely dispensable.

Briefly the benefits and implications are more important to our environment and life style than have been implied:

Over 30,000 retail outlets receive 15% of their business income from these products.

- 2. 11,000 golf courses require nutrients to maintain playing surfaces.
- 3. Green belts and home lawns in metro-areas contribute to cooler summers and purer air. The average home lawn absorbs enough carbon dioxide (a pollutant) and releases oxygen to provide enough for 8 persons.
- Home vegetable gardens are said to number 57 million by recent Gallup Poll. An important contribution to good diet and lower cost meals.

It is hard to understand why the focus of attention has turned to such

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Willamette Seed & Grain Co37

a small factor in an attempt to solve a complex problem of world food supply.

Sacred cows in India wander the countryside; a religious phenomena that ignores the protein available and the food stuffs consumed in sacrosanct survival.

In the long run reason will prevail and objective analysis will seek out the balanced solutions to man's most basic needs. Must the short term irrationality always create dislocations that cause more damage than good.

### trimmings

Promising alternatives for DDT are being tested by U.S. Forest Service scientists for future control of Tussock moth epidemics. So far three control materials have shown promise during research efforts and pilot projects over the past few years during the moth epidemic in Oregon, Washington and Idaho. These results were among key conclusions reached in a Forest Service, USDA report recently delivered to EPA. EPA granted approval to the Forest Service to spray nearly 430,000 acres of forests in the three states, using DDT to protect the forests from further damage. The DDT-treated areas resulted in a 98 percent average moth mortality. Forest Service chief, John R. McGuire, said the most promising materials evaluated appeared to be a chemical insecticide, carbaryl, and two biological agents, a nucleopolyhedrosis virus and a bacterium called Bacillus thuringiensis.

Motor-fuel consumption in the U. S. during 1974 is expected to show a decrease for the first time since 1943. Consumption is expected to be 110.7 billion gallons this year, a decrease of 3.2 percent below 1973 figures. Total consumption for each of the first six months of 1974 shows a decrease from the corresponding months of 1973. The estimate by the Federal Highway Administration is based on individual state reports.

Directing the destructive efforts of a moth called *Coleophora Parthneica* are a couple of University of California researchers. The moths, a natural enemy of the Russian thistle, were imported from Pakistan and Turkey for their ability to control the weed. The moth "glues" its eggs on weed leaves. Hatching larvae burrow into leaves, then into branches and stems, devouring the weed's inner tissues. The weed now costs the state of California millions of dollars to control and in agricultural losses.

Final stage of ICI United States, Inc., agricultural research network was recently completed with the opening of their Champaign, Ill. development center. The 20-acre center evaluates developmental crop protection chemicals such as insecticides, fungicides, nematicides, plant growth regulators and herbicides, for use in the Midwest. Similar research is being carried out at their three other locations across the country.

Newly established EPA Office of Transportation and Land Use Policy has a new director. John O. Hidinger, the new appointee, will be responsible for developing land use and transportation related regulations, and for providing technical assistance on these matters to EPA's regional offices and to state and local agencies.

Speaking of EPA expansion, there are now some 55,000 people directly employed in EPA-financed construction activity, and that by the middle of 1977 that number will more than double - to approximately 125,000, according to administrator Russell E. Train. Train also said, "There is simply no evidence that environmental requirements have had or will have any marked adverse impact upon jobs or existing productive capacity, especially since investments in environmental protection create new markets, new jobs and new profit opportunities." He made these remarks in his opening address at the one-day White House Conference on Domestic and Economic Affairs in Portland, Oregon.

A new USDA proposed amendment for administering the Plant Variety Protection Act would require publication of information by an applicant for protection of a newly developed plant variety that seed of the plant shall be sold "by variety name only as a class of certified seed." It would require showing the number of generations that the variety may be certified. Under present regulations, such information from pending applications cannot be published without the specific approval of the applicant. The Act offers protection against unauthorized exploitation by others of protected seedproducing plant varieties. The Act has been in effect since late 1970.

Intravenous feeding has saved a local landmark from the ax. An eight-foot in diameter elm tree, which has stood on the campus of Virginia Tech since pre-Civil War days, was stricken with Dutch Elm Disease. Tech plant pathologist, R. Jay Stipes, directed the intra-vascular treatment which has bought further time for the historic tree.

An Aldrin and Dieldrin objective report has been published by the Council on Agricultural Science and Technology. The report summarizes facts as viewed by 16 agricultural scientists. For more information contact C. A. Black, Executive Vice-President, CAST, Agronomy Department, Towa State University, Ames, Iowa 50010.

In this time of tenuous economic environment, Toro Company reports their ten-year growth trend in sales and earnings have increased through this period at a compounded annual rate of 18 percent and earnings per share increased at 17 percent.

New materials on our environment from EPA are available in single copies, while supplies last, from the Public Information Center, EPA, Washington, D.C. 20460.

EPA's Position on the Energy Crisis — Discusses the need for conserving energy and methods for doing so, including some apparent conflicts between healthy economic growth and environmental protection. 18 pages.

Pesticide Safety Tips — A guide for householders. Pocket-sized card.

Why Unleaded Gas? — Some 1975 car models will have catalytic converters and require unleaded gas. This 4-page leaflet explains why. Available from most gas stations as well as from EPA.

Career Choices — A 16-page booklet about environmental careers, with colleges offering environmental courses, federal agencies involved in environmental management, and other sources of career information.

Pesticide Registration — How it protects you, your family, and the environment. 12 pages.

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"My three men fertilized 700 trees in a day and a half with Jobe's Tree Food Spikes. I couldn't believe it ... so I went around and checked behind them. Sure enough, they'd fertilized all 700 trees. Beautiful," says Richard Boehm, Superintendent, Military Golf Course, Wright-Patterson Air Force Base, Dayton, Ohio.

"I want to keep my trees growing strong and beautiful. That's why I used Jobe's Tree Food Spikes. I just couldn't believe that Jobes could save so much time but we did the entire course in a day and a half," concludes Dick Boehm.

"And you can see the difference they make. Similar trees were put in on the other side of the road. Ours are greener." confirms Boehm.

Jobe's Spikes can save just as much time for you. Each spike is a premeasured amount of the right combination of plant foods for trees and shrubs. This eliminates the chance for mistakes, while saving time and money. And they've proven effective in University tests.

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