

# Mini-size, Triple-Threat Trencher-Plow-Blade

"The Diggin' Dutchman" calls it his "triple-threat mini," but the Vermeer M-147H is really a giant in the service line field. It's built to absorb the daily punishment of hard commercial jobs; yet, it's designed with a no-shift, no-clutch hydrostatic drive so that anyone can be an expert operator in minutes. Ask "The Diggin' Dutchman" about the M-147H as a mini-trencher . . . mini-plow . . . mini-dozer . . . and maxi-moneymaker! Send for more information and complete literature. Better yet, tell him you want a demonstration.



Another Trencher From . . .

## THE DIGGIN' DUTCHMAN

VERMEER TRENCHER-PLOW DIVISION  
7205 W. Washington • Pella, Iowa 50219



Vermeer M-147H . . . as a mini-trencher, digs 3"-5" wide, down to 30" deep (standard) . . . as a mini-plow, direct buries service lines down to 15" deep . . . as a mini-blade, pushes spoil back into trench with 30° angle, left or right. Available with mini-size trailer.

For More Details Circle (103) on Reply Card

## CHICKEN FEED (from page 60)

equipped with elevated dump tanks for loading out bulk trucks and 50-pound-bag packaging facility for small users. On-site bulk storage capacity is 150 tons, and these bulk tanks are equipped with a nitrogen gas generator to reduce oxidation and possible loss of xanthophyll.

Analysis of the feed now being produced at the plant shows higher levels of xanthophyll (and also desirable carotene and protein) than even the exhaustive research had predicted. So successful has the operation proved to be that a second dehydration facility of the same type has been set up at Cal-Turf's El Toro sod farm, located at the Irvine Ranch. The dried clippings from this unit are transported to Camarillo for final processing and marketing.

Perhaps the most encouraging aspect of the Hy-Gold development is the increased contribution the entire process is making toward ecological progress. Not only does the new facility reduce air pollution by making use of waste materials that at one time might have been burned, but the use of long-lasting pesticides has been completely eliminated to maintain purity of the finished feed. The few products that are used in the field are short term and biodegradable. No clippings ever are processed until all traces have vanished. Some biological pest controls also have been successfully employed, and continuing research is being conducted in this important area.

## Cost of Weed Control Compared With Slide Rule

A slide rule that compares the cost of using Assault soil sterilant with that of 21 other herbicides is now available from West Chemical Products, Inc.

The movable slide lists herbicide ingredients, unit price, rate of application, and use-cost. An application guide gives dilution instructions for proper use of Assault Concentrate on various types of soils. The tabulation shows that Assault can save the user from \$10.00 to several hundred dollars over current weed control costs.

Assault, a liquid soil sterilant, soaks into the ground and attacks roots and seedling growth. Weeds begin to wither and die within 24 hours. A single treatment can prevent weed growth for up to 12 months. Assault is designed for areas where no plant growth is desired.

For more details circle (723) on the reply card.

## New Formulation of Dylox Registered For Gypsy Moth

A new formulation of Dylox insecticide has been developed by Chemagro Division of Baychem Corporation for use in gypsy moth control programs conducted under the supervision of governmental agencies. A temporary permit application for the new formulation, Dylox 80% SPA insecticide, has been filed

with the Environmental Protection Agency.

Dylox insecticide has been used on a variety of ornamentals and vegetable and field crops for more than a decade. The compound offers the advantage of pest control without destroying beneficial insect populations when applied as directed. Its low order of toxicity to beneficial insects has permitted extensive use in integrated control programs on agricultural crops.

A registered ultra-low volume (ULV) formulation of Dylox has provided exceptional control of gypsy moth larvae on forest and shade trees. However, since the ULV formulation can cause some spotting of automobile paint finishes, it is not to be used in areas where the spray might come in contact with automobiles.

Dylox fits well into a forest environment. It is a bio-degradable insecticide with relatively low toxicity to fish and wildlife as well as beneficial insects. Data indicates that exposure to dosages higher than normal forest insect control rates has not resulted in significant reductions of fish populations.

A mixture of Dylox 80% SPA and horticultural oil has been found suitable for application in helicopter and fixed-wing aircraft spray systems.

In cooperation with the U.S. Department of Agriculture Forestry Service, additional testing is to be conducted under the 1972 temporary permit in the New England and Mid-Atlantic states where gypsy moth infestations are most severe.