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WHAT'S NEW

TILLAGE TOOL

DMI, Inc., Goodfield, III., recently announced the introduction of a new concept in farm tillage equipment called the Turbo-Tiger. According to the manufacturer, the Turbo-Tiger is designed for a onepass operation in order to save time and money while increasing yields and conserving the soil. It accomplishes this with a specially designed disc assembly and V-Chisel subsoiler.

The company states, however, that the Turbo-Tiger is not just a chisel plow with a disc gang, because the disc blades are uniquely spaced, and the subsoiler has parabolic shanks with exclusive, low profile, winged chisel points. Additionally, the Turbo-Tiger has an independent, hydraulic on-the-go vertical adjustment of the disc depth without changing chisel depth; thus controlling the amount of trash buried, plus enabling it to match changing field conditions.

The manufacturer states that the DMI Turbo-Tiger gets its name from the turbulent action created by its operation which is





described as follows: the first row of widely spaced disc blades aggressively cuts hard packed soil, windrows the trash, rips out root crowns and mixes dirt while the second row of discs parts the windrow, re-cuts the trash and returns the soil laterally to leave the field level. The rearward and downward slope of the sharp wings on the chisel points lifts, twist and turn the fractured soil; thus burying trash and herbicides while bringing up deep soil without creating a new sole. This results in a slabbing moldboard type action that leaves the soil open, allowing moisture to penetrate and be retained which helps cut down on erosion. All leading edges of the winged chisel points are hard-surfaced and sharp for smooth penetration and stay at a selected depth while using

less horsepower. The DMI Turbo-Tiger has a 30 inch spaced V-Chisel and is avialable with either five shanks for a 12-1/2 feet swath or with seven shanks for a 17-1/2 feet swath. Both versions are equipped with widely spaced, spring loaded discs arranged in two rows

TRAILERS

VARIETIES

Lancaster Farming, Saturday, July 28, 1979-119

and in staggered opposing positions. The five shank unit requires a 200 to 300 h.p. four wheel drive tractor; however, in some soil conditions a large two wheel drive tractor can be used. For deep chiseling, a seven shank unit requires a 275 to 400 h.p. four wheel drive tractor.

BEE BOOK

ITHACA, N.Y. - The increasing popularity of natural foods is encouraging growth in the number of beekeepers. Thus the new book, "Rearing Queen Honey Bees" by Roger A. Morse, professor of Apiculture at Cornell University, is offered.

Since proper handling of queen bees is the key to success in beekeeping, Morse's 128 page, hardcover book in step by step fashion covers the equipment needed, several methods of growing queens on a small scale, additional details for professionals who want to raise queens by the thousands, how to ship Queens, re-queen a hive, and make new colonies.

"Rearing Queen Honey" Bees" is written for the beginner with much of value to the professional. Its "how to" steps are illustrated with 50 photos.

Morse has kept bees, studied, taught and written about them for more than 40 years. He has done research and education projects in Africa, Asia, Europe, and South America. He is also the author of "Bees and Beekeeping," "The Complete Guide to Beekeeping," "Comb Honey Production," and has edited "Honey Bee

Diseases." Cornell University, where Morse teaches, has trained more -professionals in the field of beekeeping than any other institution, and

Pests, Predators and

maintains the world's most extensive collection of literature on the subject. "Rearing Queen Honey Base?" is a summer '79

Bees" is a summer "79 release by Wicwas Press, 425 Hanshaw Road, Ithaca, N.Y. 14850.

LOG SPLITTER

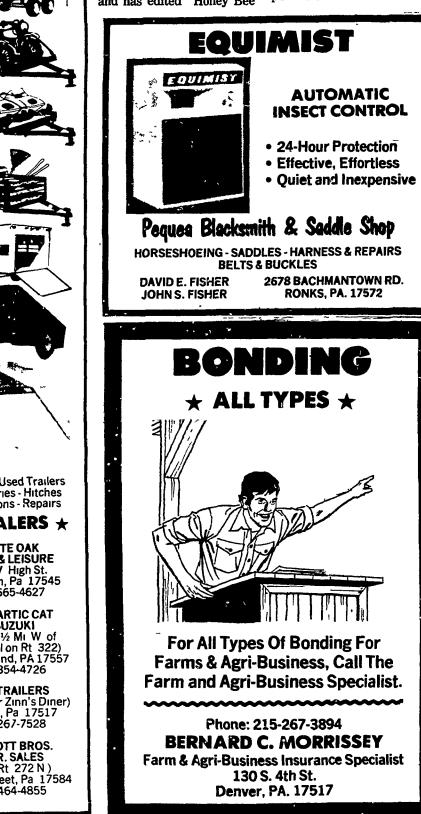
Splitter Junior is the name of the newest Cornell wood splitter designed for purchase by town and country home owners.

The manufacturer, Cornell Mfg., Inc., Laceyville, Pa., states that its newest model can split any diameter log up to 19 inches in length.

The Cornell Splitter Junior is the seventh model in the line now available from Cornell, a company which is marking 75 years of experience in the lumber industry. The larger models are for farm or commercial splitting operations.

The new model, WS-19, according to Cornell, has all the durability and control of the full-size models. It also has the exclusive control handle which allows the operator to position the push ram anywhere he wants it. And the ram does not need to retract fully before forward motion can start.

This 19-inch model is powered by a 5hp gasoline engine, has a 15,000-pound ram force, operates on a 15second cycle, weighs 200 pounds and has semipoeumatic wheels.



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