

No-till booklets

(Continued from Page A17)

Miller noted that no-till corn has approximately a 10-day advantage over conventional corn before drought stress starts showing. "Even die-hard environmentalists like the moisture-holding and erosion-resistant mulch that you build up in a no-till cropping situation."

Over-all, no-till corn in Maryland has about a 25 bushel-per-acre yield advantage over conventional corn, Miller declared. This advantage usually increases in dry summers like 1981 and decreases in wet summers like 1979.

He reported that, in a recent five-year study at the University of

Maryland's Poplar Hill research farm, no-till corn outyielded conventional corn in every year except 1979.

This year, seven of the top 10 yields by members of the Kent county corn club came from no-till fields. Similarly, a five-year comparison of yield results from county corn clubs in Maryland shows a definite advantage for no-till.

However, the same comparison for soybean clubs showed no significant difference in top soybean yields achieved by either conventional or no-tillage methods.

This is because no-tillage soybeans are nearly always double-cropped in the same season with small grains, Miller explained. Thus, they are normally planted later than soybeans grown by conventional tillage methods.

A recent six-year double-cropping research study at the Poplar Hill farm, however, showed an average 4.5 bushel-per-acre yield advantage for no-till

1982 Delmarva dairy, livestock seminars coming

NEWARK, Del. — The 1982 Delmarva Dairy and Livestock Seminars will be held at the Sheraton Inn, Dover, on two days this winter—January 25 and February 4. Both sessions will last from 9 a.m. to mid-afternoon.

The program on Monday, January 25, will feature a talk on "Protein Solubility and Energy Needs" by University of Illinois Extension dairyman Mike Hutjens. Meyerholtz of the U.S. Department of Agriculture will discuss preventing losses from scour-causing viruses and bacteria in baby calves. And Richard Er-

dman, ruminant nutritionist at the University of Maryland will give an update on anhydrous ammonia and feeding residues. There will also be an update on current research at the University of Maryland by Richard Davis.

On Thursday, February 4, University of Delaware Extension dairy specialist George Haenlein will report on current dairy research at Delaware. His talk will be followed by presentations by three University of Maryland speakers. Forage specialist Les Vough will present an alfalfa and small grains forage update. Weed specialist Ron Ritter will discuss weed control in alfalfa and small grains. And agricultural engineer Herb Brodie will present a manure management update.



Paul R. Stafford, an agricultural technician for the University of Maryland, checks sturdy cornstalks on no-till corn at the University's Wye Institute agronomy research farm on the Eastern Shore. No-till mulch beneath Stafford's feet, retains moisture and helps to minimize drought stress. No-till corn also has been found to be more resistant to lodging than corn grown by conventional tillage methods.

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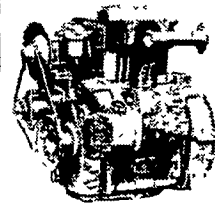
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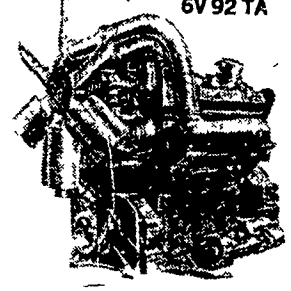
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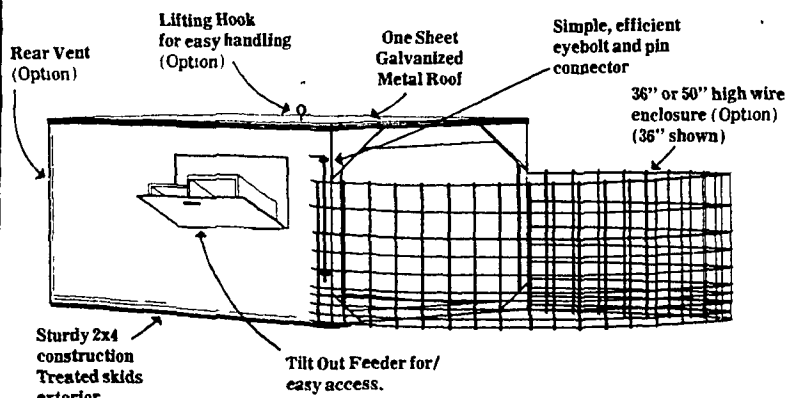
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