

Del. studies in-row subsoiler for no-till corn

NEWARK, Del. — Despite its many advantages, no-till corn production is not without problems — particularly during a cold, wet spring like this past one. A major difficulty with early planted corn is getting a good stand. The heavy

mulch cover so desirable for moisture retention later in the season initially keeps the soil from warming up as fast as conventionally tilled land, and so delays germination. One way of getting around this

problem without abandoning no-till may be to modify the seedbed at planting. With this in mind, University of Delaware extension crops specialist Frank Webb is looking at the effects of in-row subsoiling on no-till corn.

This summer he is using a machine made by the Kelly Manufacturing Company, of

Georgia, in plots at several locations around Delaware. "The planter can be adjusted for rows as narrow as 20 inches, and has a special in-row subsoiling feature which eliminates much of the unevenness of the typical no-till seedbed and gives more uniform seed depth by removing trash from the row," Webb says.

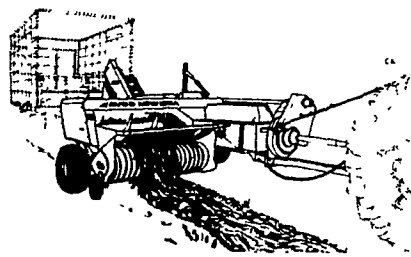
"We've continually seen less uniform plant heights and more fertility-related problems in no-till than in conventional corn," he says. "In general, no-till corn seems to be less uniform in emergence from field to field and in overall early growth. One of the most apparent benefits of the

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Members of the New York Holstein Staff, Hugh Sutherland, Jim Repard, and Virginia Pfaff, will be available to answer questions on the bulls or other Association affairs. The Junior Holstein Association will be selling promotional items and have their 1983 raffle calf on display.

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/01 Uni w/cab	/63 3R Silage Head
(2) /25 3R Narrow Corn Head	/67 Super Chopper
/24 3R Wide Corn Head	/60 Forage Harvester
/29 Uni Sheller	/61 Hay Pickup
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