

Hybrid trial results available

NEWARK, Del — Preliminary results of the 1984 Delaware commercial hybrid field corn evaluations are now available for plots at the University of Delaware Georgetown substation. These trials were conducted by the Delaware Cooperative Extension Service in conjunction with the Delaware Agricultural Experiment Station under the leadership of plant geneticist Jim Hawk.

Extension associate Bob

Uniatowski, who is assisting Hawk, has prepared a preliminary report of the Georgetown results which is available at county extension offices in Newark, Dover and Georgetown.

According to Uniatowski, 113 different hybrids representing 20 companies were involved in this year's corn variety trials. All hybrids were planted at Georgetown April 20 in conventionally tilled Evesboro loamy sand. Two hundred pounds per

acre of Agway 10-20-20 corn starter was applied with the planter. Supplemental nitrogen was applied as ammonium nitrate when corn was in the five- to six-leaf growth stage, for a total of 200 pounds of actual nitrogen per acre. All plantings were irrigated throughout the growing season.

For analysis, varieties were divided into five maturity groups. The Georgetown yields ranged as follows; Group I - 167.3 to 96.3 bushels (125.6 bushel average);

Group II - 158.3 to 98.1 (134.7 bushel average); Group III - 171.8 to 116.2 (141.1 bushel average); Group IV - 168.8 to 130.5 (148.1 bushel average); and Group V - 190.2 to 157.0 (157.0 bushel average).

Yields showed a different company entry leading in each maturity. Sixteen of the 20 companies represented had an entry among the top five hybrids in at least one maturity group. Uniatowski says this suggests

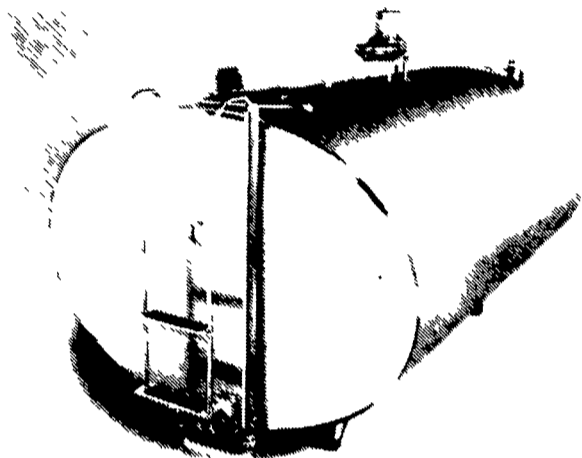
considerable competition among the various breeders supplying corn hybrids on Delmarva.

Individuals interested in obtaining copies of the preliminary results of the Georgetown trial should contact county extension offices in Newark (451-2506), Dover (736-1448), or Georgetown (856-5250). Results from other locations will be available shortly. The final report on the trials, statewide, should be ready by the end of the year.

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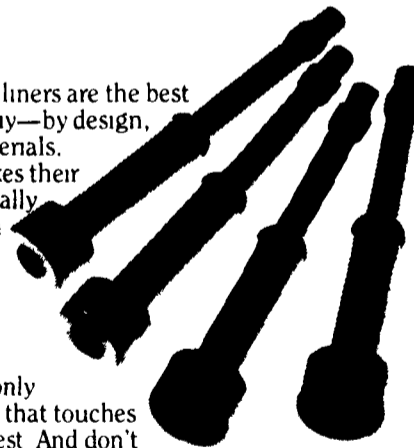
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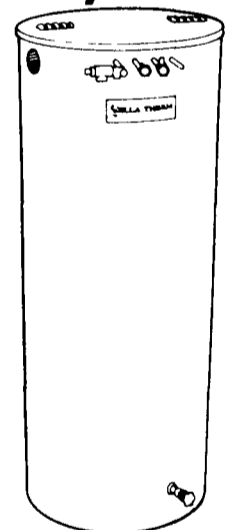
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