

1999 Pa. Commercial Hybrid Test Reports

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SILAGE ENTRIES

Table 4. Silage performance of late-season (Maturity Zone 4) hybrids.

Brand-Hybrid	Yield ^a (tons/acre)	Plant Moisture ^b (%)	Dry Matter Yield (tons/acre)
CARGILL 8311	15.3	64.5	5.4
MONSANTO DK697	16.9	66.4	5.9
PIONEER 32G94	12.6	66.9	4.4
MONSANTO DK679	16.9	67.2	5.9
GARST 8222 IT	15.3	68.0	5.4
PIONEER 3173	16.1	68.7	5.6
GOLDEN HARVEST H-9405	14.8	69.0	5.2
NK BRAND N82-J6	15.2	69.2	5.3
PIONEER 3260	10.5	69.4	3.7
HYTEST HT7820	15.2	69.7	5.3
DOEBLER'S 859XY	14.4	72.8	5.0
CARGILL 8681 FQ	13.5	72.9	4.7
DOEBLER'S EX19850	11.1	73.4	3.9
MYCOGEN 8460	14.4	74.4	5.0
HYTEST HTX76221	11.1	75.4	3.9
DOEBLER'S 82XP	12.6	76.0	4.4
MEAN	14.1	70.2	4.9
LSD (0.05)	ns	4.7	ns

^a Yields are standardized to 65% moisture.

^b Plant moisture at the time of harvest.

AVERAGED MEDIUM-SEASON HYBRIDS

Table 5. Performance of late medium-season (Maturity Zone 3) hybrids grown at late-season (Maturity Zone 4) locations; average of four locations.

Brand-Hybrid	Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)	Bushel Weight (lbs)
MID ATLANTIC MA9051	20.6	75.1	89.7	56.2
MID ATLANTIC MA9111 YG	20.9	80.2	96.8	56.2
MYCOGEN 2725	21.4	71.4	95.0	55.9
MID ATLANTIC MA9110	21.9	90.2	94.5	57.5
MID ATLANTIC MA9121 YG	22.6	72.0	98.5	55.5
MYCOGEN 2799	22.7	91.0	96.0	56.8
CARGILL 7821 BT	23.2	79.7	94.5	57.3
MID ATLANTIC MA9152	24.3	85.6	88.0	54.1
CARGILL 7512	25.2	74.3	93.9	55.5
MEAN	22.5	80.0	94.1	56.1
LSD (0.05)	0.8	ns	4.3	0.8

LOCATION DETAILS

Table 6. Location, cooperater, planting date, and harvesting date for late-season (Maturity Zone 4) hybrid tests.

Location (County)	Cooperator	Planting Date	Harvest Date
Berks	Kermet Schegel	April 29	Not Harvested
Lancaster (grain)	Penn State	May 4	October 6
Lancaster (silage)	Penn State	May 5	September 2

(Turn to Page 33)

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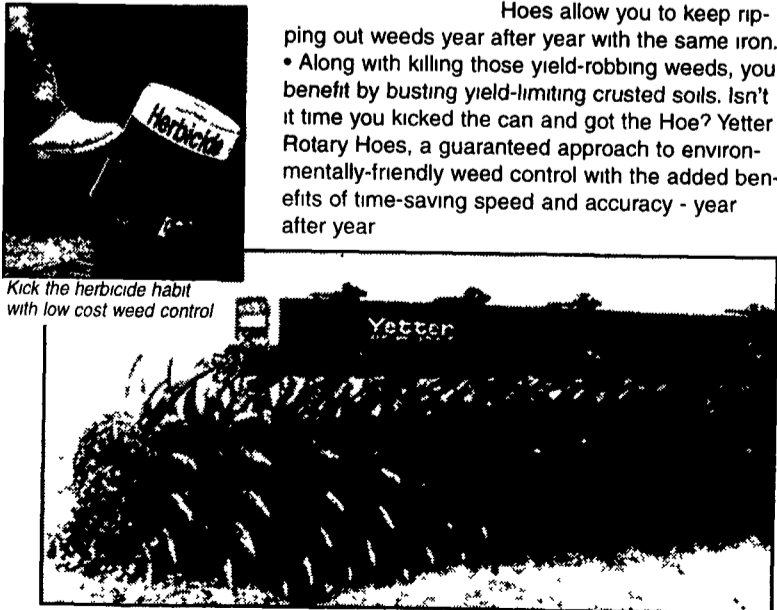
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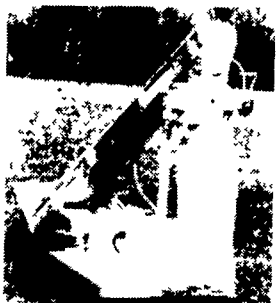


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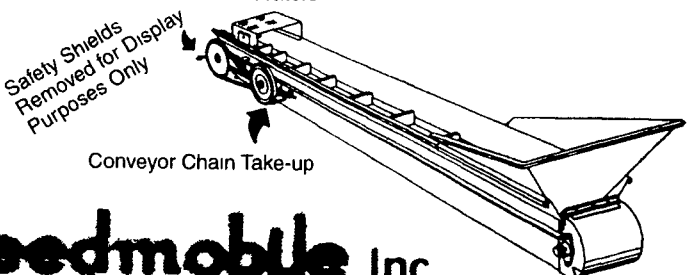
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