

# 1999 Pa. Commercial Hybrid Test Reports

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CARGILL 6521 BT	110.6	124.3	44.5	151.4
CARGILL 6888	114.3	143.8	60.9	148.9
CHEMGRO 7036	122.5	139.8	73.2	167.1
DOEBLER'S 516XY	97.9	130.6	88.4	166.9
DOEBLER'S 523XY	90.6	97.6	83.3	136.1
DOEBLER'S 589X YG	103.5	118.9	109.7	151.8
DOEBLER'S 596XY	92.4	137.0	84.1	127.9
DOEBLER'S 636XY	103.7	122.2	83.2	92.5
DOEBLER'S 642XP	100.6	134.6	53.4	123.6
GARST 8590	121.4	125.9	89.0	149.9
GARST 8608 BT	88.3	117.5	85.9	126.0
GARST 8640	101.5	136.0	52.1	147.4
GOLDEN HARVEST EX98590	86.4	112.9	110.8	152.2
GRIES 4200 E	91.7	127.8	75.5	136.8
GRIES 4203	60.3	93.4	87.5	105.0
HYTEST HT7519 BT	83.5	92.3	69.7	143.5
HYTEST HTX7520	104.6	128.2	57.5	158.3
MONSANTO DK539	97.1	121.8	122.1	144.6
MONSANTO DK551	107.9	126.1	129.3	157.0
MONSANTO DK567	113.5	137.6	98.3	158.1
MYCOGEN 2569	85.2	108.4	111.4	144.2
MYCOGEN 2652	116.7	115.5	103.0	135.9
MYCOGEN 2657	107.5	102.5	117.2	148.2
NC+ 4646	105.8	133.5	104.8	143.8
NC+ 4718	94.6	144.8	71.4	159.7
NC+ 4880	89.9	129.0	67.3	165.8
NK BRAND N58-D1	115.0	135.6	126.4	151.8
NK BRAND N65-A1	106.0	143.5	64.0	157.0
PIONEER 34G81	114.5	147.1	73.2	160.1
PIONEER 34K77	100.4	129.8	105.5	163.7
PIONEER 34T38	110.6	130.0	102.2	142.0
SEEDWAY E538	97.0	116.8	92.3	146.3
SEEDWAY E580	90.4	134.6	107.0	155.9
SEEDWAY E624	93.8	142.2	77.2	159.3
SEEDWAY E671 BT	116.9	115.3	93.5	135.1
TERRA TR1087	101.5	128.9	115.6	163.0
MEAN	101.0	126.9	89.5	146.3
LSD (0.05)	15.6	17.9	29.9	21.7

## TWO-YEAR AVERAGE

Table 3. Two-year average of early medium-season (Maturity Zone 2) hybrids that were entered in both the 1998 and 1999 tests.

Brand-Hybrid	Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)
DOEBLER'S 523XY	21.4	118.2	96.7

GRIES 4203	22.1	115.2	95.1
GARST 8640	22.5	118.5	97.0
CARGILL 6888	22.8	142.0	98.1
MONSANTO DK551	22.9	142.1	96.6
CHEMGRO 7036	23.3	137.3	98.5
DOEBLER'S 596XY	23.5	125.1	95.9
AGWAY AG576	23.6	134.3	97.1
PIONEER 34K77	23.7	139.3	97.4
AGWAY AG501	23.8	127.1	98.9
PIONEER 34G81	23.9	135.4	98.3
SEEDWAY E624	23.9	133.7	97.3
NC+ 4718	24.0	129.4	97.2
TERRA TR1087	24.1	144.5	97.7
DOEBLER'S 642XP	24.2	121.6	96.2
NC+ 4646	24.2	136.0	98.3
AGWAY AG663	24.3	143.4	97.4
SEEDWAY E538	24.4	126.7	98.1
DOEBLER'S 636XY	24.5	115.8	97.8
AGWAY AG657	24.8	137.4	97.9
MEAN	23.6	131.1	97.4

## SILAGE ENTRIES

Table 4. Silage performance of early medium-season (Maturity Zone 2) hybrids.

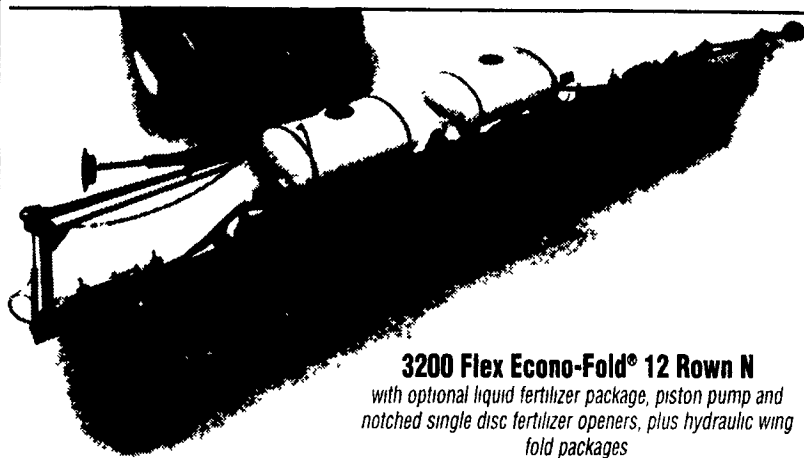
Brand-Hybrid	Yield <sup>a</sup> (tons/acre)	Plant Moisture <sup>b</sup> (%)	Dry Matter Yield (tons/acre)
CARGILL 6511 FQ	29.1	62.3	10.2
DOEBLER'S 655-3	23.7	62.9	8.3
SEEDWAY E538	26.4	63.8	9.2
GEERTSON GS1099	26.4	64.1	9.2
DOEBLER'S 589X YG	22.6	64.2	7.9
MONSANTO DK551	22.6	64.4	7.9

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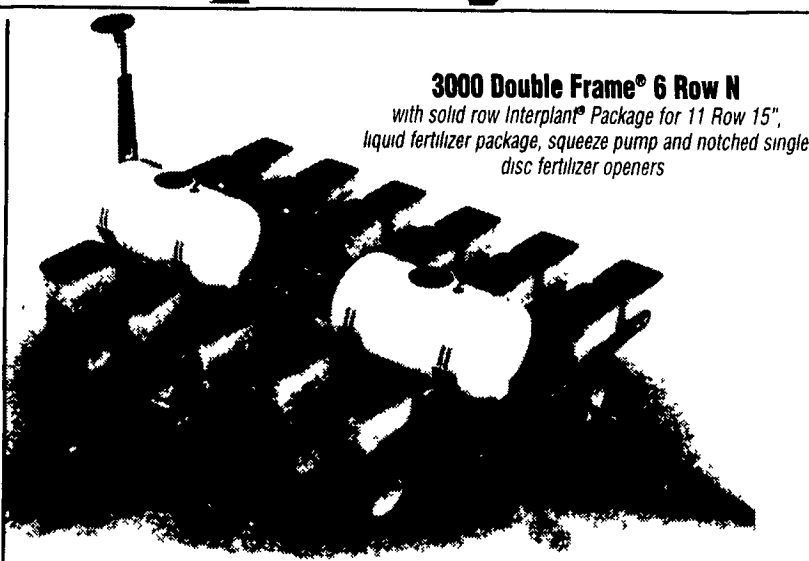
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