

1999 Pa. Commercial Hybrid Test Reports

(Continued from Page 27)

GOLDEN HARVEST EX98590	25.5	64.5	8.9
HYTEST HT7712	26.9	65.2	9.4
MONSANTO DK567	24.5	65.6	8.6
DOEBLER'S EX19778	26.2	66.3	9.2
DOEBLER'S 642XP	21.4	66.5	7.5
GARST 8640	21.8	66.6	7.6
CARGILL 6481 FQ	19.0	68.7	6.7
MEAN	24.3	65.0	8.5
LSD (0.05)	4.1	2.3	1.5

LOCATION DETAILS

Table 5. Location, cooperator, planting date, and harvesting date for the early medium-season (Maturity Zone 2) hybrid tests.

Location (County)	Cooperator	Planting Date	Harvest Date
Blair	Bill England	May 21	October 29
Butler	Albert Vettori	May 17	November 10
Centre (grain)	Penn State	May 11	November 1
Centre (silage)	Penn State	May 11	September 20
Columbia	Craig Richards	May 11	Not Harvested
Lycoming	Charles Ulmer	May 10	November 5

Late medium-season hybrids (Maturity Zone 3) 1999 results AVERAGE OVER LOCATIONS

Table 1. Late medium-season (Maturity Zone 3) hybrid performance combined across four locations

Brand-Hybrid	Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)	Bushel Weight (lbs)
AGRIPRO AP9466	21.3	113.1	95.8	56.5
MYCOGEN 2725	21.8	99.5	99.2	54.5
MONSANTO DK585	22.0	115.9	97.0	55.3
HYTEST HT7707 BT	22.1	92.6	99.3	52.1
TERRA TR1087	22.6	110.2	98.8	55.9
TERRA TR1047	22.7	118.6	96.9	55.6
MYCOGEN 2717 IMI	22.7	118.7	98.8	55.5
CHEMGRO 7036	22.8	109.1	98.3	56.1
TERRA TR1097	22.8	107.8	97.7	54.1
DOEBLER'S 639X YG	23.0	119.3	99.0	55.4
DOEBLER'S 737XP	23.1	100.2	98.5	54.1
MONSANTO DK617	23.1	121.9	97.4	52.8
GEERTSON GS1117	23.2	105.8	98.0	55.0
HUBNER H3505	23.2	107.5	97.3	55.2
SCHLESSMAN SX694	23.3	112.8	97.7	54.9
AGRIPRO AP9580	23.4	114.0	98.3	53.2
MONSANTO DK567	23.5	121.4	97.7	55.8
AGWAY AG6191	23.8	118.5	97.3	54.8
HUBNER H3507	23.8	118.6	97.2	54.8
HUBNER H3911	23.8	122.7	96.8	55.9
AGWAY AG657 BT	23.9	111.2	99.0	54.4
GOLDEN HARVEST H-2552	23.9	100.2	98.4	53.4
AGRIPRO AP9575 RR	24.1	110.5	97.4	55.6
GRIES 6212	24.2	106.3	99.2	52.9
MYCOGEN 2799	24.2	118.7	98.5	54.2
NC+ 5588B	24.2	111.9	99.8	53.4
AGRIPRO AP9616	24.3	114.1	98.5	53.4
DOEBLER'S 642XP	24.3	117.2	98.1	55.5
TERRA TR1106	24.5	106.8	97.3	52.1
NK BRAND N7639 BT	24.5	122.0	99.8	54.4
GARST 8464	24.5	101.9	99.2	55.4
GARST 8342 GLS/BT/IT	24.5	109.2	100.0	54.9
PIONEER 33Y18	24.5	123.7	95.7	57.4
AGWAY AG6399 BT	25.0	123.2	99.0	55.3
NK BRAND N70-D5	25.0	120.8	99.0	55.3
HUBNER H3409	25.0	111.5	98.7	55.6
SEEDWAY E680	25.1	108.4	96.7	53.4
GARST 8362	25.3	119.9	96.2	54.8
NC+ 5878B	25.5	115.0	99.7	55.8
AGWAY AG773	26.0	122.5	97.0	52.5
DOEBLER'S 747XY	26.0	108.8	95.9	53.3
MONSANTO DK642	26.1	125.8	97.7	52.8
PIONEER 33J56	26.1	115.3	96.3	55.5
HYTEST HT7712	26.2	121.0	93.7	55.4
GOLDEN HARVEST H-9405	26.4	129.3	95.0	53.5
SEEDWAY E774	26.5	115.3	96.6	51.1
PIONEER 3335	28.3	112.4	95.9	53.3
MEAN	24.2	113.8	97.8	54.5
LSD (0.05)	1.0	ns	1.7	1.4

ENTRIES BY LOCATION

Table 2. Yields (bushels/acre) of late medium-season (Maturity Zone 3) hybrids at each location.

Brand-Hybrid	Juniata	Lycoming	Clinton	Dauphin
AGRIPRO AP9466	91.8	165.7	123.5	71.2
AGRIPRO AP9575 RR	75.3	186.0	116.3	64.4
AGRIPRO AP9580	95.3	199.9	111.3	49.5
AGRIPRO AP9616	91.0	204.3	108.4	52.6
AGWAY AG6191	90.4	197.3	119.1	67.0
AGWAY AG6399 BT	82.5	188.7	118.2	103.4
AGWAY AG657 BT	76.8	184.9	116.6	66.4
AGWAY AG773	92.6	202.5	106.9	87.9
CHEMGRO 7036	83.3	186.1	114.8	52.1
DOEBLER'S 639X YG	92.1	190.6	129.7	64.9
DOEBLER'S 642XP	78.0	179.9	126.8	84.1
DOEBLER'S 737XP	76.2	162.7	114.6	47.4
DOEBLER'S 747XY	91.8	189.9	102.6	50.9
GARST 8342 GLS/BT/IT	77.8	189.8	124.0	45.2
GARST 8362	87.6	187.4	130.5	73.9
GARST 8464	82.5	175.9	93.9	55.1
GEERTSON GS1117	78.6	191.7	101.3	51.5
GOLDEN HARVEST H-2552	84.5	186.7	89.2	40.2
GOLDEN HARVEST H-9405	100.2	191.8	137.6	87.6
GRIES 6212	80.5	194.3	103.7	46.8
HUBNER H3409	88.9	176.2	104.0	76.9
HUBNER H3505	91.1	183.1	110.8	45.0
HUBNER H3507	92.9	193.5	131.1	56.8
HUBNER H3911	86.9	168.9	150.2	84.7
HYTEST HT7707 BT	44.8	198.3	94.7	32.6
HYTEST HT7712	87.7	186.6	143.9	65.6
MONSANTO DK567	83.6	191.7	150.7	59.7
MONSANTO DK585	84.4	193.0	129.9	56.1
MONSANTO DK617	81.1	189.5	125.1	91.7
MONSANTO DK642	120.7	207.8	105.6	69.0
MYCOGEN 2717 IMI	86.8	185.4	125.0	77.7
MYCOGEN 2725	77.7	177.8	110.6	31.8
MYCOGEN 2799	96.8	173.2	121.9	82.7
NC+ 5588B	87.6	200.2	106.0	53.9
NC+ 5878B	77.5	198.3	120.4	63.7
NK BRAND N70-D5	98.3	189.8	148.8	46.4
NK BRAND N7639 BT	102.8	187.5	118.5	79.3
PIONEER 3335	60.4	206.5	123.6	59.0
PIONEER 33J56	62.5	215.4	113.2	69.9
PIONEER 33Y18	88.6	199.2	123.3	83.5
SCHLESSMAN SX694	88.3	188.1	115.6	59.0
SEEDWAY E680	76.0	194.0	103.2	60.3
SEEDWAY E774	59.9	199.3	126.6	75.4
TERRA TR1047	105.8	169.0	129.0	70.7
TERRA TR1087	83.9	191.9	113.9	51.1
TERRA TR1097	83.8	192.2	127.8	27.2
TERRA TR1106	87.3	191.1	105.3	43.4
MEAN	85.0	189.4	118.5	62.5
LSD (0.05)	23.4	19.7	23.8	21.4

(Turn to Page 29)