

1999 Pa. Commercial Hybrid Test Reports

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AVERAGE OVER LOCATIONS

Table 1. Short-season (Maturity Zone 1) hybrid performance combined across five locations.

Brand-Hybrid	Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)	Bushel Weight (lbs)
DOEBLER'S 23XA	15.6	101.1	89.4	54.6
SEEDWAY E328	16.4	123.9	92.0	54.3
DOEBLER'S 383X	16.5	125.9	95.5	56.2
DOEBLER'S 236X	16.7	115.3	92.9	58.6
DOEBLER'S 252X	16.9	112.6	84.3	54.9
GRIES 2288 E	17.1	119.2	93.8	57.1
MONSANTO DK440	17.2	119.0	90.4	54.7
MONSANTO DK477	17.5	137.4	93.7	56.0
SEEDWAY E300	17.6	131.8	88.3	55.5
AGWAY AG4193	17.7	134.2	91.3	55.2
GARST 8830	17.8	136.4	97.1	54.7
PIONEER 37R71	18.0	126.9	87.2	54.8
DOEBLER'S 469XP	18.0	128.1	91.8	55.8
NC+ 1487	18.1	133.2	96.3	55.4
AGWAY AG285	18.2	133.9	95.9	55.5
GEERTSON GS998	18.2	120.0	89.7	52.8
NK BRAND N4640 BT	18.4	133.3	96.0	56.3
AGWAY AG377 RR	18.5	125.2	95.0	55.1
AGWAY AG4597	18.5	129.5	94.0	55.8
CARGILL 3797	18.7	123.2	88.8	55.1
MONSANTO DK525	18.7	135.0	91.2	56.4
CARGILL 2777	18.8	115.3	88.7	58.8
AGWAY AG5194	19.0	144.7	96.6	53.9
NC+ 2395	19.1	139.4	97.3	55.2
AGWAY AG5095	19.2	122.0	95.5	56.1
HYTEST HT7415	19.2	134.8	88.9	57.6
PIONEER 3752	19.3	121.3	91.5	56.5
NC+ 2399B	19.3	147.7	98.4	55.1
HYTEST HTX7442	19.3	131.7	96.8	53.2
MYCOGEN 2424	19.4	119.2	90.8	57.5
MONSANTO DK507	19.4	130.9	93.1	55.8
DOEBLER'S 495X YG	19.5	152.4	98.9	55.2
AGWAY AG388 BT	19.7	144.0	96.3	54.9
PIONEER 37M34	19.8	139.9	92.2	56.6
MYCOGEN 2544	20.0	126.1	98.8	54.4
MYCOGEN 2569	20.2	136.2	93.1	53.3
GOLDEN HARVEST H-2398	20.5	112.8	94.5	53.5
PIONEER 36B08	20.8	140.3	95.4	55.5
SEEDWAY E475	21.0	133.4	94.8	57.0
DOEBLER'S 530-3	21.3	126.0	95.6	55.3
NK BRAND N58-D1	22.9	152.7	94.1	52.8
MEAN	19.5	129.1	93.4	55.3
LSD (0.05)	0.4	7.8	3.3	0.4

ENTRIES BY LOCATION

Table 2. Yields (bushels/acre) of short-season (Maturity Zone 1) hybrids at each location.

Brand-Hybrid	Mercer	Clanon	Crawford	Lycoming	Centre
AGWAY AG285	148.7	115.6	147.7	115.1	142.2

AGWAY AG377 RR	146.8	104.6	119.6	125.1	130.1
AGWAY AG388 BT	161.8	125.5	151.3	130.4	151.1
AGWAY AG4193	144.3	117.5	145.7	123.5	139.9
AGWAY AG4597	135.6	109.3	143.1	105.0	154.6
AGWAY AG5095	138.5	102.9	132.6	87.5	148.6
AGWAY AG5194	160.4	120.6	162.6	122.1	157.9
CARGILL 2777	132.3	107.1	115.7	93.2	128.1
CARGILL 3797	144.3	123.5	138.0	100.0	110.3
DOEBLER'S 236X	119.1	111.7	124.9	108.7	112.2
DOEBLER'S 23XA	106.1	89.2	113.6	84.6	112.0
DOEBLER'S 252X	140.8	105.3	98.4	86.0	132.7
DOEBLER'S 383X	138.1	103.6	140.0	113.4	134.6
DOEBLER'S 469XP	148.5	113.7	135.1	107.3	136.0
DOEBLER'S 495X YG	160.0	141.6	172.0	131.0	157.5
DOEBLER'S 530-3	148.0	93.6	140.9	107.0	140.3
GARST 8830	170.3	110.4	150.0	125.4	126.1
GEERTSON GS998	142.7	100.7	138.5	98.8	119.5
GOLDEN HARVEST H-2398	136.0	83.7	125.8	80.3	138.4
GRIES 2288 E	127.2	112.2	111.7	114.1	131.0
HYTEST HT7415	153.1	128.8	139.0	121.1	131.8
HYTEST HTX7442	147.7	106.1	148.3	115.3	141.1
MONSANTO DK440	119.6	89.5	137.2	118.5	130.0
MONSANTO DK477	158.4	123.1	142.3	112.8	150.2
MONSANTO DK507	151.7	106.6	123.7	129.7	142.7
MONSANTO DK525	149.0	104.8	141.7	116.0	163.3
MYCOGEN 2424	132.6	112.1	131.2	105.0	114.9
MYCOGEN 2544	139.7	108.1	129.4	121.7	131.4
MYCOGEN 2569	151.7	103.3	159.1	122.1	144.9
NC+ 1487	148.4	111.8	152.6	121.0	132.0
NC+ 2395	162.0	128.5	152.8	127.1	126.4
NC+ 2399B	170.6	132.0	152.5	126.5	157.1
NK BRAND N4640 BT	138.3	105.8	144.8	135.1	142.7
NK BRAND N58-D1	172.9	110.2	189.8	131.0	159.6
PIONEER 36B08	148.9	95.0	159.9	149.5	148.4
PIONEER 3752	137.2	97.0	124.5	120.8	126.9
PIONEER 37M34	154.2	120.0	146.1	129.7	149.6
PIONEER 37R71	145.6	109.8	138.6	115.6	124.8
SEEDWAY E300	158.3	125.5	145.0	106.6	123.6
SEEDWAY E328	118.6	109.9	130.9	122.2	137.8
SEEDWAY E475	153.5	115.9	154.3	100.2	143.3
MEAN	145.0	110.8	140.3	113.8	135.4
LSD (0.05)	13.9	16.1	16.1	24.5	15.0

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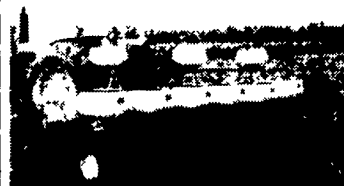
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