

# Hybrid Test Reports

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NK Brand N82-J6	25.3	143.0	98.4	53.8
Hyttest HT7815	25.8	102.1	90.8	51.1
<b>MEAN</b>	<b>21.8</b>	<b>130.1</b>	<b>97.4</b>	<b>54.9</b>
LSD (0.05)	0.6	9.8	2.2	0.6

\*Average of three locations only (see Table 2)

**ENTRIES BY LOCATION**

Table 2. Late-season (Maturity Zone 4) hybrid performance for individual locations, yield is in bushels per acre, gray leaf spot (GLS) rating is 0-5-0 where 0-5 equals little or no disease and 5-0 equals premature death.

Brand-Hybrid	Lancaster	York	Berks	Franklin	
				(Yield)	(GLS)
Agway AG6297 Bt RR	82.5	170.5	155.1	133.2	2.1
Agway AG6305	87.8	127.8	123.6		3.0
Agway AG6399 Bt	92.3	154.4	160.5	141.7	1.5
Agway AG6515	82.6	185.3	173.8	151.1	1.8
Asgrow RX708	91.2	147.5	149.9	134.2	2.2
Asgrow RX764	92.7	161.7	172.6	132.4	1.7
Bio Gene BG1130	93.1	161.9	178.3	164.8	1.3
Bio Gene BG316	95.2	165.9	149.9	139.6	2.5
Bio Gene BG422	78.1	147.4	157.5	150.0	1.8
Chemgro 7525 Bt	100.6	169.9	159.8	143.4	2.3
Dekalb DKC80-17	89.9	143.1	163.1	119.9	2.7
Dekalb DKC81-24	95.0	189.6	156.5	165.1	2.4
Dekalb DKC83-03	92.6	142.2	146.5	133.6	1.9
Dekalb DKC86-50	83.9	156.8	147.4	136.6	1.1
Doebler's 747 XY	76.7	142.7	144.4	115.9	2.5
Doebler's 749 XYG	89.5	159.1	162.3	131.3	3.1
Doebler's 797 RYG	89.0	150.1	130.2	110.6	1.9
Doebler's 818 XYG	86.8	158.2	149.8		1.5
Golden Harvest H-9229	94.4	189.0	109.6	112.7	2.2
Golden Harvest H-9471	93.1	185.4	170.4	148.4	2.1
Hubner H3574	93.0	151.5	152.3	122.9	2.6
Hyttest HT7815	57.6	147.0	104.1	99.7	2.3
Mid Atlantic MA8011 RR	91.7	157.2	127.5	159.1	3.2
Mid Atlantic MA9137	72.6	134.6	82.9	120.7	1.7
Mid Atlantic MA9140 YG	89.3	172.9	166.5		2.2
Mid Atlantic MA9176	77.6	147.6	122.7	132.6	2.4
NK Brand N82-J6	75.1	186.1	168.2	142.6	1.0
Schlessman SX704	90.1	146.1	116.3	121.3	2.9
Schlessman SX710	89.0	149.5	120.9	139.9	2.8
Vigoro V5110	89.1	145.6	136.6	128.1	3.0
Vigoro V5320	74.6	145.2	131.0	116.7	1.9
Vigoro V55Y21	90.0	136.9	122.9	131.1	2.0
Vigoro V5800	93.1	173.8	164.9	129.3	0.7
<b>MEAN</b>	<b>86.4</b>	<b>157.1</b>	<b>144.9</b>	<b>131.9</b>	<b>2.1</b>
LSD (0.05)	16.0	16.0	24.3	NS	0.6

\* Data lost due to mechanical damage

**TWO-YEAR AVERAGE**

Table 3. Two-year average of late-season (Maturity Zone 4) hybrids that were entered in both the 2000 and 2001 tests.

Brand-Hybrid	Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)	Bushel Weight (lbs)
Dekalb DKC61-24	19.8	159.7	98.6	56.8
Asgrow RX708	19.9	143.0	97.4	56.0
Asgrow RX764	20.8	143.8	98.7	56.3
Mid Atlantic MA9176	20.9	141.1	96.4	55.5
Doebler's 818 XYG	22.3	134.1	97.9	53.6
Chemgro 7525 Bt	22.6	150.6	99.3	54.5
NK Brand N82-J6	24.1	155.6	98.3	53.6
<b>MEAN</b>	<b>21.5</b>	<b>146.8</b>	<b>98.1</b>	<b>55.2</b>

**LATE MEDIUM-SEASON HYBRIDS**

Table 4. 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)
Doebler's HC540	19.5	177.8	96.6	56.6
Doebler's 649 XY	19.5	140.5	97.4	54.7
Mid Atlantic MA9094	19.9	133.9	97.6	55.4
Vigoro V5020	20.0	127.2	97.6	55.4
Mid Atlantic MA8011 RR	20.1	138.9	95.8	54.2
Mid Atlantic MA9137	21.5	119.0	98.2	53.8
Garst 8484 Bt	21.7	156.8	99.0	54.6
Garst 8362 IT	21.7	148.1	97.2	55.7
Garst 8342 GLS/Bt/IT	22.2	146.7	98.6	54.0
Doebler's DH19023	22.2	161.0	98.2	55.8
Mid Atlantic MA9140 YG	22.8	156.9	99.8	55.6
Garst 8328 Bt/IT	23.2	145.7	99.2	54.5
NC+ 5790 B	23.7	150.6	98.4	53.0
<b>MEAN</b>	<b>21.4</b>	<b>146.4</b>	<b>98.0</b>	<b>54.9</b>
LSD (0.05)	0.6	14.4	NS	0.7

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