

# Hybrid Test Reports

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## ENTRIES BY LOCATION

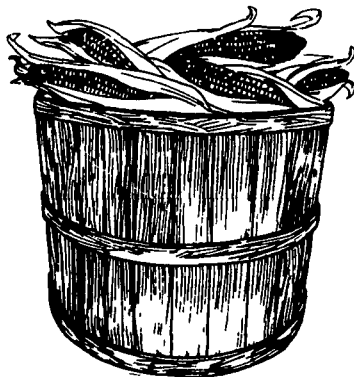
Table 2 Late-season (Maturity Zone 4) hybrid performance for individual locations, yield is in bushels per acre gray leaf spot (GLS) and leaf blight (LB) ratings are 0-5-0 where 0 equals little or no disease and 5 0 equals premature death

Brand-Hybrid	Lancaster (Graybill)	Lehigh	York	Franklin		Lancaster (PSU) (LB)
				(Yield)	(GLS)	
Agway AG6305	98.8	111.0	93.7	74.0	3.5	2.1
Agway AG6399 Bt	114.0	120.0	112.0	83.5	3.8	2.2
Agway AG6422	108.0	85.3	83.5	67.4	2.6	2.0
Agway AG6515	120.0	99.8	113.0	83.3	2.6	2.2
Asgrow RX730 RR/YG	113.0	105.0	83.8	65.6	2.9	3.0
Bio Gene BG1130	121.0	89.6	93.0	87.4	2.7	1.6
Bio Gene BG1140	113.0	101.0	89.7	75.3	3.3	2.2
Bio Gene BG1152	135.0	136.0	104.0	92.1	2.1	1.4
Chemgro 7530 Bt	106.0	96.8	87.4	64.4	3.1	2.4
Dekalb DKC 60-09	116.0	98.3	107.0	81.8	3.2	2.8
Dekalb DKC 61-24	136.0	107.0	99.6	81.4	3.3	3.0
Dekalb DKC 62-15	111.0	123.0	111.0	89.5	2.4	1.9
Dekalb DKC 64-10	128.0	108.0	111.0	83.4	3.1	2.7
Doebler s 749 XYG	124.0	101.0	95.6	66.1	3.4	3.2
Doebler s 760 DT	108.0	114.0	112.0	84.3	2.8	2.2
Doebler s HC560	126.0	114.0	116.0	86.5	3.1	2.4
Garst 8288	103.0	133.0	111.0	91.3	3.0	2.3
Garst 8348	123.0	110.0	108.0	95.5	3.1	1.9
Golden Harvest H-9231	125.0	122.0	108.0	83.3	3.4	2.5
Golden Harvest H 9247 Bt	117.0	113.0	109.0	81.8	3.2	2.0
Golden Harvest H-9471	116.0	109.0	112.0	86.7	3.0	2.8
Hubner H3487	119.0	120.0	103.0	70.7	3.2	2.7
Hubner H3664	106.0	108.0	93.0	68.4	3.0	2.7
Hyltest HT7806 Bt	117.0	131.0	108.0	87.4	3.7	2.3
NK Brand N82 J6	109.0	127.0	102.0	58.2	2.6	1.7
Schlessman SX697	120.0	115.0	93.8	73.4	2.7	2.4
Schlessman SX710	98.9	86.1	89.4	60.5	3.3	2.5
Vigoro V5110	125.0	98.7	111.0	80.4	3.3	2.5
Vigoro V5330	109.0	103.0	85.1	88.3	2.7	2.2
Vigoro V5800	110.0	94.7	98.2	89.7	2.9	1.8
Vigoro V58C29	93.1	95.4	93.6	68.9	2.9	2.5
MEAN	115.0	109.0	101.0	79.1	3.0	2.3
LSD (0.05)	12.9	22.6	11.4	12.6	0.4	0.6

## TWO-YEAR AVERAGE

Table 3 Two-year average of late-season (Maturity Zone 4) hybrids that were entered in both the 2001 and 2002 tests.

Brand-Hybrid	Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)	Bushel Weight (lbs)
Vigoro V5110	19.5	115.9	95.0	55.1
Dekalb DKC 61-24	20.0	128.8	93.9	56.3
Agway AG6399 Bt	20.6	122.3	95.5	57.1
Agway AG6305	21.1	119.9	98.7	54.3
Schlessman SX710	21.9	105.5	95.8	54.5
Agway AG6515	22.4	126.1	92.5	55.7
Bio Gene BG1130	22.7	123.7	92.2	55.8
Golden Harvest H 9471	22.7	127.6	89.8	55.5
Vigoro V5800	22.8	119.3	93.4	55.5
Doebler s 749 XYG	22.9	116.2	98.2	54.1
NK Brand N82-J6	25.0	121.1	92.8	53.6
MEAN	21.9	120.6	94.3	55.2



## LOCATION DETAILS

Table 4 Location, cooperator, planting date, harvesting date, growing degree days (GDD) for 2002 season, and 30-year average GDD for late-season (Maturity Zone 4) hybrid tests

Location (County)	Cooperator	Planting Date	Harvest Date	GDD (2001)	GDD (30-yr Ave)
Berks	Kermet Schegel	May 8	Not harvested		
Franklin	Richard Biesecker	May 1	October 7	3,092	2,788
Lancaster	Penn State	May 6	Not harvested		
Lancaster	Clair Graybill	April 24	October 2	3,085	2,870
Lehigh	Dan Hunsacker	May 8	October 21	3,067	2,848
York	Ritchie Finchbaugh	May 6	October 8	3,172	2,922

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