



# 2012 OHIO CORN PERFORMANCE TEST

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The purpose of the Ohio Corn Performance Test (OCPT) is to evaluate corn hybrids for grain yield and other important agronomic characteristics. Results of the test can assist farmers in selecting hybrids best suited to their farming operations and production environments. Corn hybrids differ considerably in yield potential, standability, maturity, and other agronomic characteristics that affect profitable crop production. Hybrid selection should be based on proven performance from multiple test locations and years. The presentation of data does not imply endorsement of any hybrid by The Ohio State University.

## EVALUATION PROCEDURES

Seed companies marketing corn hybrids in Ohio are invited to enter hybrids in the test. An entry fee is charged to cover expenses. In 2012, companies were permitted to enter an unlimited number of hybrids. Ten sites were available for hybrid evaluation. Testing was available in three regions of Ohio (Southwestern/West Central/Central; Northwestern; North Central/Northeastern). Companies were required to enter a hybrid at all the sites within a testing region. Each hybrid entry was evaluated using three replications per site in a randomized complete block design. Hybrids were planted either in an early or full season maturity trial based on relative maturity information provided by the companies. In the Southwestern/ West Central/Central region, the relative maturity of hybrid entries in the early maturity trial was 110 days or earlier; the relative maturity of hybrid entries in the full season trial was 111 days or later. In the Northwestern and North Central/Northeastern regions, the relative maturity of hybrid entries in the early maturity trial was 108 days or earlier; the relative maturity of hybrid entries in the full season trial was 109 days or later. Hybrids were planted with a commercial type planter adapted for plot planting. Each plot consisted of four 30-inch rows approximately 25 feet long. Force 3G soil insecticide was applied in a T-band to all plots. Seed corn producers selected a final stand and percent overplant for each hybrid entered. Fertilizer, herbicides and insecticides were applied according to recommended cultural practices for obtaining optimum grain yields. Details concerning the establishment and management of each 2012 test are listed in footnotes below the tables.

## MEASUREMENTS AND RECORDS

**YIELD.** The center two rows of each plot were harvested with a self-propelled two-row picker sheller combine. Yields were reported as bushels of grain per acre (BU/A) at 15.5 percent moisture.

**MOISTURE (HARV MST).** A grain moisture determination was made from each plot with an electrical conductance moisture meter. Grain moisture was reported as percent grain moisture.

**LODGING (STK LDG).** The number of broken stalks in each plot was determined just prior to harvest. Only those plants with a stalk broken below the ear were considered stalk lodged. Stalk lodging was reported as a percentage of final plant stand.

**FINAL STAND (FINAL STD).** Seed corn producers selected a desired planting rate for each hybrid entered. Differences between the planting rate and the final stand may be attributed to seed quality and/or environmental conditions present. Populations were reported in hundreds (100/A) per acre.

**EMERGENCE (EMG).** An emergence count was made on each plot after plant emergence. The emergence percentage was computed based on the number of plants and the number of seed planted, and was reported as a percentage of the seeds planted.

**MID SILK (SILK).** The mid silk date is the Julian day of the year in which 50% of the plants show silks at one site in a region.

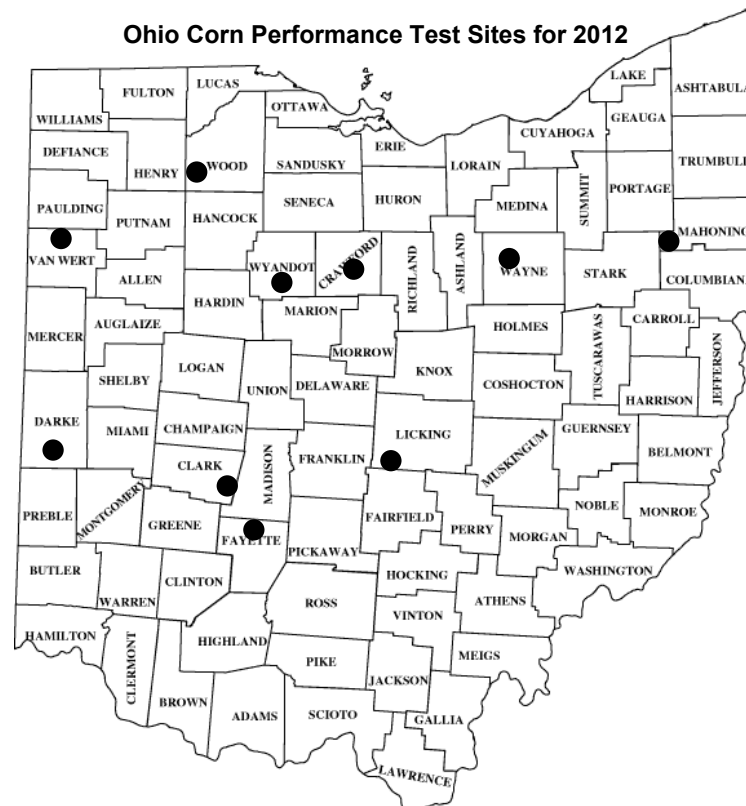
**TEST WEIGHT (TW).** Test weights were recorded in pounds per bushel on grain samples at field moisture. The results are an average of all sites in the regional tests.

**LSD 0.05** - Least Significant Differences at probability level 0.05 (LSD 0.05) are reported for yield and other agronomic characteristics. Differences between hybrids are significant only if they are equal to or greater than the LSD value. If a given hybrid out yields another hybrid by as much or more than the LSD value, then we are 95% confident (i.e. the odds are 19:1) that the yield difference is real, with only a 5% probability that the difference is due to chance variation (such as soil variation, etc.). For example, if Hybrid X is 19 Bu/A higher in yield than Hybrid Y, then this difference is statistically significant if the LSD is 19 Bu/A or less. If the LSD is 20 Bu/A or greater, then we are less confident that Hybrid X really is higher yielding than Hybrid Y under conditions of the test. If 'NS' is indicated for a characteristic, then the differences among hybrid entries are not significant at the 5% probability level.

## 2012 GROWING CONDITIONS

Record high temperatures and below average rainfall characterized the Ohio 2012 growing season. At most OCPT sites, drier and much warmer than normal conditions persisted from the early vegetative stages through early to mid grainfill. All test sites except Wooster, experienced one or more days with temperatures of 100 degrees F or more during the late vegetative stages, the critical pollination period and/or the early grain fill stages from late June to mid July. Greenville and Van Wert experienced a total of five days with temperatures (and four consecutive days) of 100 degrees F or more. Greater than normal rainfall and cooler than normal temperatures in September slowed kernel maturation and delayed drydown and harvest.

Ohio Corn Performance Test Sites for 2012



## RESULTS

Results of the 2012 testing program are presented in Tables 1 to 10. The seed source and table location for hybrids tested in 2012 are shown in Table 11. The transgenic herbicide and insect resistant events and insecticide and fungicide seed treatments associated with each hybrid entry (information provided by seed companies) are indicated in Table 11. Hybrids that do not contain transgenic events are specified as "NON-GMO". Yields and other agronomic performance characteristics have been averaged across the individual tests and shown under the SUMMARY heading for each region. Hybrids are listed in alphabetical order by brand.

At most test sites, the impact of high temperatures in July on crop performance was limited because it either preceded pollination or timely rainfall and adequate soil moisture reduced adverse effects. Yields were highest at S. Charleston and Washington CH (averaging 233 and 231 bu/A, respectively) and lowest at Beloit and Greenville (averaging 148 and 154 bu/A, respectively). Several locations, including S. Charleston, Upper Sandusky and Van Wert, experienced green snap injury and widespread root lodging due to strong winds in June 30 to July 1. There was considerable variability among hybrids for root lodging and green snap. Much of the root lodged corn recovered and showed little evidence of injury at harvest. However, green snap injury generally broke stalks off near or at the base of the plant. Averaged across the early and full season maturity tests, % green snap for hybrids evaluated at S. Charleston, Upper Sandusky and Van Wert averaged (range indicated in parentheses) 6% (0-44%), 3% (0-35%), and 1% (0-21%), respectively. Below average temperatures and persistent rains in September and October delayed crop maturation and resulted in higher than normal grain moisture at harvest at certain locations. Despite the water stress present at most sites, stalk lodging was negligible – averaging no more than 7% at any location. Extensive foliar disease (northern corn leaf blight and gray leaf spot) was evident late in the season at some locations but impact on crop performance appeared to be limited.

Confidence in test results increases with the number of years and the number of locations in which the hybrid was tested. Table 10 presents performance data for hybrid tested at seven to ten locations in 2012 and Tables 2, 3, 5, 6, 8 and 9 provide multiple year performance data. Avoid relying on data from a single test site, especially if the site was characterized by abnormal growing conditions. Look for consistency in a hybrid's performance across a range of environmental conditions. Yield, standability, grain moisture, and other comparisons should be made between hybrids of similar maturity to determine those best adapted to your farm. Results of the crop performance trials for 2012 and previous years are available online at: <http://www.ag.ohio-state.edu/~perf/> and <http://www.oardc.ohio-state.edu/corntrials/>. Hybrids can be sorted by yield, brand, and other variables online.

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**TABLE 1E. Performance of hybrids in the early maturity trial. SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2012.**

BRAND	HYBRID	HEBRON					WASHINGTON COURT HOUSE					SOUTH CHARLESTON					GREENVILLE					SUMMARY					CHARACTERISTICS				
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK			
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG
AGRIGOLD HYBRIDS	A6408VT3Pro	229.0	21.3	0	314	93	235.0	16.2	3	299	91	221.6	17.1	0	292	88	171.0	19.3	0	315	91	214.1	18.5	1	305	91	59.6	188			
AGRIGOLD HYBRIDS	A6436VT3Pro	248.3	26.7	0	350	99	230.3	16.2	12	326	97	189.7	17.9	2	300	92	146.6	22.6	0	339	97	203.7	20.8	3	329	96	58.7	189			
AGRIGOLD HYBRIDS	A6458VT3	233.3	24.5	0	331	96	236.0	15.3	2	309	97	252.5	16.9	2	306	93	172.4	19.8	0	347	96	223.6	19.1	1	323	96	56.0	188			
AGRIGOLD HYBRIDS	A6476VT3Pro	228.5	23.3	0	345	100	223.5	16.4	3	318	99	224.7	18.0	4	312	95	159.5	21.5	0	330	95	209.0	19.8	2	327	97	58.1	188			
BECK'S	Beck 5509A3	224.2	23.7	1	348	97	237.5	17.1	1	332	99	225.5	17.5	0	318	95	155.8	21.2	0	349	94	210.8	19.9	1	337	96	58.0	190			
BECK'S	Beck 6077AM™*	219.3	23.2	0	345	99	225.9	16.2	1	317	97	242.6	18.8	3	314	94	150.6	21.4	1	325	94	209.6	19.9	1	325	96	59.5	192			
BECK'S	Beck 6175AMX™*	222.1	25.2	0	329	94	229.2	17.6	0	309	93	219.8	19.6	0	292	90	145.4	23.2	0	331	94	204.1	21.4	0	315	93	60.4	188			
BIO GENE SEEDS	BG 780SS	212.8	22.6	0	350	98	224.0	17.1	0	321	98	227.8	17.9	1	305	95	129.7	21.1	0	316	93	198.6	19.7	0	323	96	59.5	186			
BIO GENE SEEDS	BG 801A3	233.2	23.2	0	372	97	240.9	16.8	0	356	99	243.3	16.8	0	353	97	163.4	21.7	0	370	98	220.2	19.6	0	363	98	58.4	190			
BIO GENE SEEDS	BG 802V3	211.4	25.6	0	318	95	232.5	17.4	0	305	92	213.9	18.9	1	278	82	160.6	23.0	0	330	95	204.6	21.2	0	308	91	57.6	187			
BIO GENE SEEDS	BG 811V3	210.7	22.8	0	351	97	204.5	16.9	2	339	95	220.2	17.9	1	293	83	147.6	22.6	0	349	89	195.8	20.0	1	333	91	58.4	187			
BIO GENE SEEDS	BG 812V3	231.0	23.0	0	348	98	239.0	17.3	0	328	96	229.4	18.8	0	307	88	150.7	21.1	0	347	94	212.5	20.0	0	333	94	59.7	187			
BIO GENE SEEDS	BG 813SS	221.4	23.4	0	354	93	216.6	17.3	3	337	92	214.2	18.4	3	314	85	161.4	21.3	0	356	92	203.4	20.1	1	340	91	59.5	188			
CHANNEL	211-99VT3P	214.0	24.1	0	360	97	194.3	16.2	1	342	95	241.2	17.9	4	339	98	147.9	20.7	0	361	94	199.4	19.7	1	350	96	57.4	187			
DEKALB	DKC57-50	231.5	23.7	0	372	98	235.6	16.9	1	333	92	214.8	17.2	0	325	87	166.9	21.9	0	376	97	212.2	19.9	0	352	94	58.3	187			
DEKALB	DKC57-76	216.1	25.4	0	338	91	223.8	17.7	1	336	96	218.9	17.7	0	296	84	151.8	22.0	0	336	90	202.6	20.7	0	326	91	58.0	186			
DEKALB	DKC58-83	205.9	22.0	0	367	96	218.0	16.5	0	354	98	226.4	18.2	3	322	91	131.0	20.6	0	356	96	195.3	19.3	1	350	95	61.3	188			
DEKALB	DKC61-06RIB	228.1	23.5	5	367	96	228.8	17.1	0	355	97	226.9	18.6	0	332	93	141.2	20.8	0	362	95	206.3	20.0	1	354	95	60.0	191			
DEKALB	DKC61-17	229.9	25.2	0	340	94	240.8	17.1	2	323	92	246.8	18.0	0	314	89	147.7	22.2	0	339	93	216.3	20.6	0	329	92	57.5	187			
DEKALB	DKC61-21RIB	236.8	24.1	1	383	98	217.1	16.7	1	365	98	240.5	17.7	3	331	90	144.9	23.0	0	390	98	209.8	20.4	1	367	96	58.2	192			
DEKALB	DKC61-88	241.6	25.3	0	379	99	235.0	17.0	7	349	97	243.1	17.9	5	320	86	161.5	22.5	0	385	99	220.3	20.7	3	358	95	58.2	189			
DOEBLER'S	RPM® 638AMX-R™	200.2	23.1	0	290	91	212.3	17.2	0	284	94	227.4	19.3	0	284	93	117.7	22.8	0	299	91	189.4	20.6	0	290	92	60.9	187			
DOEBLER'S	RPM® 647AM1™	217.4	23.6	0	300	94	227.7	17.9	0	284	92	238.6	19.4	0	286	93	132.9	21.6	0	298	90	204.2	20.6	0	292	92	61.0	188			
DYNA-GRO	D49VP88	207.7	23.4	0	364	91	220.1	17.5	1	351	92	240.7	17.9	0	321	84	145.5	21.5	0	316	80	203.5	20.1	0	338	87	58.5	187			
DYNA-GRO	D51VP32	219.7	22.9	0	353	94	238.1	17.4	0	353	96	241.8	18.3	0	330	90	161.8	20.9	0	383	95	215.4	19.9	0	355	94	59.9	186			
DYNA-GRO	D51VP40	232.4	23.4	1	371	99	211.6	16.9	23	347	99	259.5	17.4	22	354	95	138.2	21.2	0	362	94	210.4	19.7	11	358	97	58.7	188			
EBBERTS	1229C	207.8	23.5	1	343	95	217.7	16.5	5	325	94	215.0	18.7	1	278	79	132.3	21.1	0	351	94	193.2	20.0	2	324	90	60.5	190			
EBBERTS	1678C	220.2	23.5	0	362	95	218.3	17.1	9	343	95	208.2	18.0	5	325	92	122.0	21.1	0	360	95	192.2	19.9	4	348	94	60.8	189			
EBBERTS	1760C	238.8	23.6	0	383	98	237.5	16.2	6	364	99	232.7	16.0	2	329	88	151.8	19.3	0	378	98	215.2	18.8	2	364	96	57.6	190			
EBBERTS	6587VT2P	220.0	23.5	1	351	96	220.9	16.1	2	326	96	232.8	17.3	3	293	86	150.1	22.4	0	348	93	206.0	19.8	1	329	93	57.9	187			
EBBERTS	7358VT3P	224.8	22.2	0	367	99	210.2	16.2	0	329	95	213.9	17.2	0	317	90	133.8	19.4	0	368	95	195.7	18.8	0	345	95	58.4	187			
EBBERTS	7861VT3P	241.0	27.4	0	364	99	221.8	17.5	4	337	99	229.1	17.7	3	293	86	164.1	24.0	0	373	98	214.0	21.7	2	342	95	56.0	190			
EBBERTS	7909VT3P	220.5	22.7	0	338	98	226.9	17.5	0	304	96	231.5	19.4	1	292	91	154.8	21.4	0	318	94	208.4	20.2	0	313	95	59.4	187			
EBBERTS	9307SS	214.2	21.4	0	336	93	212.9	15.6	0	317	94	240.9	17.1	2	288	87	158.2	20.5	0	347	96	206.6	18.7	1	322	92	60.2	187			
EBBERTS	9501SS	223.8	24.3	4	360	100	214.0	17.5	1	338	98	183.1	18.3	10	341	97	162.4	21.8	0	354	97	195.8	20.5	4	348	98	59.2	189			
G2 GENETICS	3D-811	229.8	24.2	0	332	92	226.5	17.4	0	304	90	235.3	19.8	0	300	89	133.2	21.8	0	350	95	206.2	20.8	0	322	91	59.8	189			
G2 GENETICS	3F-511	232.5	23.3	0	339	94	221.6	16.6	0	301	88	225.7	18.7	1	293	87	138.9	20.2	0	326	91	204.7	19.7	0	315	90	59.8	191			
G2 GENETICS	5H-1005	210.0	25.7	0	384	98	247.9	17.9	1	339	91	239.9	18.0	1	362	96	155.3	24.0	0	394	99	213.3	21.4	0	370	96	58.5	193			
GOLDEN HARVEST	H-8969-3122 Brand	220.2	23.3	0	339	93	234.3	17.0	2	350	99	240.4	17.6	1	329	94	143.0	20.4	0	351	92	209.5	19.6	1	342	95	58.2	189			
KEY	KEY 310Q	220.9	24.5	0	361	99	239.8	17.2	2	344	96	235.6	17.4	1	332	94	142.0	21.5	0	368	95	209.6	20.2	1	352	96	58.3	190			
KEY	KEY 909	210.3	23.6	1	326	92	216.3	16.9	2	315	91	217.5	18.7	1	288	83	125.8	21.6	0	334	90	192.5	20.2	1	316	89	60.3	188			
LG SEEDS	LG2549	236.8	23.2	0	365	98	247.9	15.6	0	360	98	241.7	16.6	3	315	90	166.7	18.8	0	378	98	223.3	18.6	1	355	96	56.4	189			
LG SEEDS	LG2549VT3	251.1	23.6	0	359	99	233.2	15.7	2	336	94	249.9	17.2	0	337	96	158.6	18.3	0	364	97	223.2	18.7	0							

**TABLE 1L. Performance of hybrids in the full season trial. SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2012.**

BRAND	HYBRID	HEBRON					WASHINGTON COURT HOUSE					SOUTH CHARLESTON					GREENVILLE					SUMMARY					CHARACTERISTICS				
		HARV		STK		FINAL	HARV		STK		FINAL	HARV		STK		FINAL	HARV		STK		FINAL	HARV		STK		FINAL	EMG	TW	SILK		
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG
AGRIGOLD HYBRIDS	A6517VT3Pro	248.7	24.9	0	317	97	252.4	17.6	1	317	98	276.2	17.2	0	311	94	174.2	21.3	323	0	96	237.9	20.3	0	317	97	56.2	189			
AGRIGOLD HYBRIDS	A6533VT3	251.5	23.9	0	348	98	241.9	17.8	0	326	99	259.0	17.5	0	320	94	176.8	21.3	347	0	98	232.3	20.1	0	335	97	57.0	188			
AGRIGOLD HYBRIDS	A6573VT3Pro	248.4	26.7	0	315	99	243.1	18.1	5	315	97	262.1	17.9	0	293	89	160.4	22.8	320	0	96	228.5	21.4	1	311	95	56.0	187			
BECK'S	Beck 6272HR™*	228.3	25.6	0	342	98	223.9	17.1	0	333	98	252.3	18.5	3	332	96	166.0	22.4	351	0	97	217.6	20.9	1	339	97	60.5	190			
BECK'S	Beck 6543HR™*	213.1	25.0	0	329	98	188.1	17.4	0	340	99	228.7	19.5	2	327	95	124.0	23.3	332	0	97	188.5	21.3	0	332	97	60.4	194			
BECK'S	Phoenix 6442A4	244.6	26.9	0	349	99	242.9	18.3	1	342	100	235.1	18.0	23	316	93	158.1	22.6	344	0	98	220.2	21.4	6	338	97	55.3	189			
BECK'S	Phoenix 6948A3	228.6	28.1	0	333	97	237.4	19.2	2	328	99	227.7	19.3	2	311	96	175.5	26.1	342	0	98	217.3	23.2	1	329	98	56.4	191			
CHANNEL	212-09STX	231.9	27.5	0	338	99	193.8	17.1	1	328	95	212.8	18.1	2	327	97	152.1	22.6	348	0	98	197.6	21.3	1	335	97	58.4	193			
CHANNEL	212-86STX	213.5	24.3	0	318	94	223.8	17.4	0	333	95	236.8	17.3	2	310	91	167.5	21.7	345	0	96	210.4	20.2	1	327	94	58.3	189			
CHANNEL	214-14VT3P	231.0	26.0	0	332	96	240.0	17.8	2	328	94	209.2	18.6	0	316	93	175.2	23.6	344	0	95	213.9	21.5	1	330	95	59.4	188			
CHANNEL	215-52VT3P	231.6	25.5	0	343	98	249.1	18.1	0	339	99	216.3	18.6	2	326	95	156.8	22.1	352	0	99	213.4	21.1	0	340	98	58.9	188			
DEKALB	DKC62-09	235.8	22.8	0	365	99	243.0	17.0	1	372	99	233.4	17.6	0	332	91	157.8	20.2	382	0	98	217.5	19.4	0	363	97	59.1	190			
DEKALB	DKC62-54	216.5	25.9	0	354	97	222.0	16.8	7	360	99	233.2	18.0	2	322	90	156.9	21.7	371	0	97	207.1	20.6	2	352	96	59.0	186			
DEKALB	DKC62-97	208.1	26.3	0	336	96	232.4	17.4	0	357	99	232.0	18.1	1	322	93	162.0	20.7	371	0	98	208.6	20.6	0	346	96	57.9	186			
DEKALB	DKC63-84	213.4	26.6	0	355	97	236.8	17.1	2	360	95	254.5	17.0	30	347	95	169.2	20.6	384	0	99	218.5	20.3	8	361	96	57.2	189			
DOEBLER'S	RPM® 688AMX™	210.2	24.0	0	295	93	218.5	18.3	0	288	94	218.7	18.9	2	273	90	160.3	22.0	309	0	95	201.9	20.8	1	291	93	60.5	190			
DOEBLER'S	RPM® 743HXR™	239.8	28.9	0	317	94	258.7	18.6	1	322	95	256.9	18.9	1	288	93	169.7	25.3	321	0	94	231.3	22.9	0	312	94	59.0	195			
DYNA-GRO	CX52VP91	226.9	25.3	0	386	100	242.4	17.5	1	359	96	244.0	18.2	2	359	94	170.2	21.5	382	0	99	220.9	20.7	1	371	97	60.2	186			
DYNA-GRO	D54VP81	255.7	25.5	0	377	97	246.3	18.0	4	348	97	225.7	18.7	9	348	91	163.3	22.7	362	0	97	222.8	21.3	3	359	95	60.0	187			
EBBERTS	6292VT2P	220.4	25.5	0	329	94	234.3	17.6	0	337	97	240.1	18.4	0	311	92	175.7	23.3	336	0	91	217.6	21.2	0	328	93	57.7	189			
EBBERTS	7222VT3P	253.6	25.7	0	347	99	252.2	17.9	1	337	96	228.6	18.4	0	321	95	150.4	22.2	338	0	95	221.2	21.1	0	336	96	59.9	187			
EBBERTS	7712VT3P	241.5	26.1	0	340	98	246.5	18.4	0	340	98	235.8	18.7	0	325	95	175.8	22.6	354	0	99	224.3	21.4	0	340	97	58.2	188			
G2 GENETICS	3F-515	251.6	27.7	0	382	97	263.5	19.1	3	361	95	261.2	18.5	22	344	93	156.2	22.1	386	0	100	233.1	21.9	6	368	96	58.8	195			
G2 GENETICS	5H-013	232.4	27.1	0	373	97	225.7	17.5	3	378	98	232.7	19.1	0	348	93	151.2	22.6	383	0	96	210.5	21.6	1	371	96	60.2	192			
G2 GENETICS	5H-117	235.5	28.0	0	310	89	226.7	19.1	1	309	88	252.0	20.4	2	320	94	160.7	25.5	329	1	92	218.7	23.2	1	317	91	58.3	195			
G2 GENETICS	5H-716	219.8	29.1	0	328	96	206.3	18.1	2	334	96	258.6	20.2	2	336	97	158.8	25.5	351	0	95	210.9	23.2	1	337	96	58.7	196			
G2 GENETICS	5X-214	226.1	25.9	0	327	97	223.7	18.0	0	334	95	235.9	18.8	0	321	94	162.8	25.0	329	0	92	212.1	21.9	0	328	95	58.2	190			
G2 GENETICS	5X-812	206.2	25.0	0	365	97	210.5	17.8	1	360	96	241.2	18.2	0	328	91	158.1	22.8	366	0	95	204.0	20.9	0	355	95	59.3	190			
G2 GENETICS	5X-915	202.3	24.4	0	326	89	222.3	17.7	0	298	82	248.2	19.1	0	273	75	134.4	23.7	298	0	80	201.8	21.2	0	299	81	60.4	193			
G2 GENETICS	5Z-1205	230.1	24.6	0	361	98	234.1	18.1	0	371	96	224.7	19.5	1	321	88	157.5	22.3	354	0	95	211.6	21.1	0	352	94	60.6	191			
GARST	83R38-3000GT Brand	225.8	27.7	0	342	98	241.7	19.1	2	348	99	245.2	18.6	1	333	95	182.0	25.3	358	0	97	223.7	22.7	1	345	97	56.5	191			
GARST	84J30-3111 Brand	215.7	28.1	0	327	95	233.0	17.4	1	332	96	236.2	17.4	0	304	90	160.7	24.6	342	0	95	211.4	21.9	0	326	94	55.4	187			
GOLDEN HARVEST	H-9341-3000GT Brand	218.6	24.9	0	342	98	239.7	19.0	5	337	99	247.7	18.0	4	332	94	164.3	24.6	338	0	98	217.6	21.6	2	337	97	56.9	190			
GREAT LAKES	6232VT3Pro	249.1	25.9	0	336	100	266.6	17.4	1	337	100	263.2	16.8	1	302	93	171.1	21.3	337	0	96	237.5	20.3	1	328	97	56.1	192			
GREAT LAKES	6354G3VT3	244.1	24.5	0	340	99	253.5	17.7	1	328	99	240.0	17.5	2	322	95	170.8	21.2	345	0	97	227.1	20.2	1	334	97	57.1	187			
LG SEEDS	LG2620	256.9	25.1	0	350	98	259.9	17.5	1	351	97	234.4	17.1	1	336	95	176.9	21.3	362	0	97	232.0	20.2	0	350	97	57.5	189			
LG SEEDS	LG2620VT3	254.1	23.9	0	354	99	267.7	17.3	0	358	99	256.2	17.5	2	334	95	183.4	21.9	365	0	97	240.3	20.1	1	353	97	57.2	188			
LG SEEDS	LG2636VT3Pro	249.5	27.2	0	356	100	249.9	17.7	2	353	100	255.0	18.1	3	332	94	160.5	23.2	359	0	99	228.7	21.5	1	350	98	56.1	189			
MYCOGEN SEEDS	2A787	234.3	26.8	0	331	98	232.8	18.2	1	312	93	238.6	18.1	0	305	89	173.0	21.9	342	0	96	219.7	21.2	0	322	94	57.7	186			
MYCOGEN SEEDS	2P786	224.8	26.1	0	368	98	222.2	18.2	3	348	95	227.4	18.8	0	344	94	138.8	21.6	382	0	97	203.3	21.2	1	361	96	58.5	191			
MYCOGEN SEEDS	2V779	219.4	25.2	0	321	93	228.7	16.5	5	331	96	229.1	17.2	2	307	93	170.6	20.4	338	0	96	211.9	19.8	2	324	94	56.1	191			
NK	N70J-4011 Brand	215.8	25.0	0	318	95	245.5	17.1	1	333	96	234.2	17.9	1	309	88	160.3	22.8	335	0	93	213.9	20.7	1	324	93	58.7	188			
NK	N72Q-3111 Brand	227.8	25.6	0	333	100	234.4	17.5	2	327	100	229.2	17.9	4	315	97	143.0	23.5	347	0	96	208.6									

**TABLE 2. Two year hybrid performance in SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2011-2012.**

BRAND	HYBRID	HEBRON					WASHINGTON COURT HOUSE					SOUTH CHARLESTON					GREENVILLE					SUMMARY					CHARACTERISTICS						
		HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					TW	SILK					
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG			YIELD	MST	LDG	STD	EMG
BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%				
AGRIGOLD HYBRIDS	A6436VT3Pro	256.0	22.9	1	338	98										217.2	18.6	1	315	94	160.0	21.4	1	329	95								
AGRIGOLD HYBRIDS	A6458VT3	250.7	22.4	8	353	98										246.5	18.5	3	350	96	176.3	19.0	0	359	98								
AGRIGOLD HYBRIDS	A6476VT3Pro	232.4	21.3	0	358	99	224.3	17.1	1	321	95	229.2	19.1	3	342	97	173.9	20.6	9	341	95	215.0	19.5	4	340	96					57.8	198	
AGRIGOLD HYBRIDS	A6533VT3	256.1	23.0	1	355	99	249.5	18.7	0	333	97	250.8	19.1	0	351	97	202.1	21.2	3	357	97	239.6	20.5	1	349	97					56.2	199	
BECK'S	Beck 6272HR™*	250.5	24.1	2	360	98	227.2	18.3	0	337	93	245.6	20.0	2	363	97	170.0	22.0	0	366	97	223.3	21.1	1	356	96					60.0	199	
BIO GENE SEEDS	BG 811V3	235.3	21.6	0	367	97	222.6	17.1	2	362	95	230.4	18.4	0	339	90	168.1	21.1	1	376	94	214.1	19.5	1	361	94					58.1	197	
CHANNEL	211-99VT3P	234.8	21.9	2	376	97	203.8	16.1	1	355	94	242.1	18.1	2	365	99	166.6	19.5	0	378	96	211.8	18.9	1	368	97					57.6	198	
CHANNEL	214-14VT3P	247.2	24.4	5	357	98	234.0	18.0	1	347	94	220.9	19.8	0	357	96	177.4	22.0	0	363	97	219.9	21.0	2	356	96					59.3	198	
DEKALB	DKC57-50	236.4	20.8	0	372	96						228.9	17.4	0	344	90	175.6	20.7	0	366	94												
DEKALB	DKC61-88	253.0	22.8	1	397	98	232.6	16.9	4	360	95	241.1	18.5	3	364	93	180.7	21.1	1	395	98	226.8	19.8	2	379	96					57.9	198	
DEKALB	DKC62-09	248.6	21.3	3	372	98	249.5	17.5	0	366	98	232.8	18.5	0	358	94	179.7	19.7	0	376	98	227.6	19.2	1	368	97					58.5	199	
DEKALB	DKC62-54	242.9	23.2	0	367	97	228.4	17.4	4	358	96	242.1	18.4	1	355	94	179.4	21.0	0	382	97	223.2	20.0	1	366	96					59.1	197	
DEKALB	DKC62-97	237.6	23.2	1	364	97	237.5	17.8	0	361	97	244.5	18.8	0	354	96	179.8	20.3	0	377	98	224.8	20.0	0	364	97					57.7	197	
DEKALB	DKC63-84	235.8	23.3	6	364	96	242.5	17.1	2	364	94	253.9	18.0	15	371	97	179.7	19.4	5	383	98	228.0	19.4	7	370	96					57.0	198	
DYNA-GRO	D54VP81	252.3	23.2	0	370	95	240.9	18.6	2	358	97	226.9	19.8	5	365	95	187.6	22.3	1	379	97	226.9	21.0	2	368	96					59.8	198	
EBBERTS	7222VT3P	256.1	23.1	0	354	100	247.2	18.9	1	342	94	228.0	20.0	0	345	97	172.8	22.0	1	355	97	226.0	21.0	1	349	97					59.6	197	
EBBERTS	7861VT3P	243.4	24.2	2	368	99	228.1	17.5	2	350	98	236.6	18.8	1	341	93	186.1	22.0	3	384	98	223.5	20.6	2	361	97					56.3	199	
G2 GENETICS	5H-013	243.0	24.7	0	390	97	229.8	18.1	3	378	95	232.5	19.9	0	370	94	156.0	21.9	0	387	96	215.3	21.1	1	381	96					60.1	200	
G2 GENETICS	5H-716	239.6	26.3	0	336	95	224.1	19.9	1	322	89	253.4	22.1	1	343	95	174.8	25.4	0	342	92	223.0	23.4	1	336	93					57.6	203	
G2 GENETICS	5X-812	222.7	23.5	2	370	97	223.5	18.7	1	352	91	245.8	19.6	0	361	95	157.1	21.5	0	376	96	212.3	20.8	1	365	95					58.9	199	
GARST	83R38-3000GT Brand	235.3	24.8	3	369	97	245.1	20.3	1	360	96	249.9	20.6	1	358	96	182.0	24.3	0	381	98	228.1	22.5	1	367	97					56.2	201	
LG SEEDS	LG2549	252.2	21.6	1	373	99						241.3	17.3	2	344	94	184.9	19.2	1	371	97												
LG SEEDS	LG2549VT3	256.6	22.0	1	358	97						253.0	18.2	0	354	98	176.4	18.5	0	362	98												
LG SEEDS	LG2620	266.4	22.8	1	359	98	252.1	18.4	1	341	94	232.5	18.4	0	350	96	183.5	20.5	0	368	95	233.6	20.0	1	355	96					57.1	199	
LG SEEDS	LG2620VT3	273.5	22.2	0	363	98	265.4	18.0	1	360	96	256.3	19.1	1	351	98	192.8	20.5	2	379	98	247.0	19.9	1	363	98					56.6	197	
SEED CONSULTANTS	SCS 1070™	242.5	22.4	0	387	96						241.1	19.0	1	379	96	170.1	19.3	3	384	96												
SEED CONSULTANTS	SCS 10HQ70™	219.1	23.6	1	387	95						218.2	19.7	1	380	95	156.7	21.8	1	364	90												
SEED CONSULTANTS	SCS 11HR02™	240.7	21.1	2	385	97						232.9	19.1	2	376	99	162.5	21.6	0	383	97												
SEED CONSULTANTS	SCS 11HR12™	247.2	23.6	3	395	97	234.9	17.9	1	380	95	237.2	20.1	1	384	97	161.3	21.7	0	398	97	220.2	20.8	1	390	96					60.4	200	
SEED CONSULTANTS	SCS 11HR21™	226.8	22.4	0	377	97	238.7	17.7	1	368	97	261.4	19.5	1	364	97	178.6	20.8	1	378	96	226.4	20.1	1	372	97					59.2	201	
SEED CONSULTANTS	SCS 11HR31™	232.2	26.5	2	386	96	249.8	20.1	6	381	95	235.6	20.9	8	376	94	167.2	22.1	4	391	95	221.2	22.4	5	384	95					59.0	204	
STEWART SEEDS	7V776	234.3	23.4	1	360	95	229.8	19.1	0	326	87	233.8	20.5	0	339	89	174.6	23.7	0	365	93	218.1	21.7	0	348	91					57.5	198	
STEWART SEEDS	8V446	233.4	23.2	0	364	98	230.6	18.6	0	343	93	229.5	19.9	0	340	91	188.0	22.0	0	368	97	220.4	20.9	0	354	95					58.6	198	
STEYER	11302 VT3Pro	245.8	24.8	0	372	98	239.1	17.4	1	362	97	240.1	18.4	2	364	97	187.8	21.9	2	391	98	228.2	20.6	1	372	98					56.4	200	
HIGH		273.5	26.5	8	397	100	265.4	20.3	6	381	98	261.4	22.1	15	384	99	202.1	25.4	9	398	98	247.0	23.4	7	390	98					60.4	204	
AVERAGE		243.5	23.1	2	368	97	235.8	18.1	1	353	95	238.6	19.2	2	356	95	175.6	21.2	1	372	96	224.0	20.6	2	363	96					58.2	199	
LOW		219.1	20.8	0	336	95	203.8	16.1	0	321	87	217.2	17.3	0	315	89	156.0	18.5	0	329	90	211.8	18.9	0	336	91					56.2	197	

**TABLE 3. Three year hybrid performance in SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2010-2012.**

BRAND	HYBRID	WASHINGTON CH					SOUTH CHARLESTON					SUMMARY					CHARACTERISTICS																
		HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					TW	SILK															
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG			LBS	DAY													
BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%	BU/A	-----%	-----	100/A	--%																			
AGRIGOLD HYBRIDS	A6458VT3						245.4	17.8	2	338	97																						
AGRIGOLD HYBRIDS	A6533VT3						247.7	18.3	0	334	97	254.7	19.1	0	347	97	251.2	18.7	0	341	97											57.5	195
CHANNEL	214-14VT3P						235.4	18.0	1																								

**TABLE 4E. Performance of hybrids in the early maturity trial. NORTHWESTERN Ohio, 2012.**

BRAND	HYBRID	VAN WERT					HOYTVILLE					UPPER SANDUSKY					SUMMARY					CHARACTERISTICS	
		YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	TW	SILK
		BU/A	-----%	LDG	100/A	--%	BU/A	-----%	LDG	100/A	--%	BU/A	-----%	LDG	100/A	--%	BU/A	-----%	LDG	100/A	--%	LBS	DAY
AGRIGOLD HYBRIDS	A6356VT3Pro	219.8	22.1	0	358	97	168.8	22.3	0	349	93	192.3	21.8	0	340	98	193.6	22.1	0	349	96	56.0	202
AGRIGOLD HYBRIDS	A6389VT3Pro	226.9	20.4	0	354	99	163.2	23.8	0	365	95	202.6	21.9	0	342	96	197.6	22.0	0	354	97	57.3	203
AGRIGOLD HYBRIDS	A6408VT3Pro	219.0	18.2	0	295	88	169.9	20.7	0	312	89	187.3	20.3	0	298	92	192.1	19.7	0	302	90	58.5	204
BECK'S	Beck 5140HR™*	234.8	20.6	0	343	96	169.3	21.1	0	353	95	202.8	21.1	0	331	99	202.3	20.9	0	342	97	59.4	203
BECK'S	Beck 5246HR™*	218.6	21.6	0	331	94	164.9	22.0	0	318	86	193.6	21.2	0	328	96	192.3	21.6	0	326	92	60.2	201
BECK'S	Beck 5475AM™*	216.8	21.9	0	336	98	182.3	21.9	0	340	93	210.8	21.5	0	328	99	203.3	21.8	0	335	97	58.3	203
BECK'S	Phoenix 5385A3	216.1	21.2	1	328	95	168.2	22.6	1	331	93	192.7	21.6	0	318	97	192.3	21.8	0	326	95	57.3	204
CHANNEL	202-32STX	191.8	20.5	0	374	97	163.2	20.9	0	393	97	190.9	19.7	0	377	98	182.0	20.4	0	381	97	58.0	204
CHANNEL	207-13VT3P	198.1	21.4	0	326	92	164.2	21.4	0	315	86	151.8	22.3	0	307	89	171.4	21.7	0	316	89	58.2	203
DEKALB	DKC52-04	199.3	19.9	0	311	87	169.4	21.0	0	340	92	194.9	19.8	0	334	95	187.8	20.2	0	329	92	59.6	201
DEKALB	DKC53-45RIB	208.1	19.1	2	337	95	176.0	20.7	0	332	89	188.7	20.2	0	328	94	191.0	20.0	1	332	93	59.6	202
DEKALB	DKC53-78RIB	201.2	20.0	0	360	99	170.7	20.4	0	383	97	195.8	19.5	0	358	99	189.2	20.0	0	367	98	59.0	200
DEKALB	DKC57-50	217.1	21.5	2	346	95	181.3	22.6	0	360	92	200.1	22.2	0	354	98	199.5	22.1	1	353	95	56.6	204
DEKALB	DKC57-76	231.6	22.5	0	337	95	180.2	24.0	0	297	81	203.9	24.1	0	327	94	205.2	23.5	0	320	90	55.7	202
DEKALB	DKC58-83	203.6	21.1	0	364	96	170.5	21.5	0	366	96	194.8	21.5	0	354	98	189.6	21.4	0	361	97	59.6	205
DOEBLER'S	594GRQ	207.3	19.1	0	261	84	176.1	21.7	0	277	80	194.3	19.8	0	262	85	192.6	20.2	0	267	83	56.3	203
DOEBLER'S	RPM® 588AMX™	226.0	21.5	0	332	95	166.4	22.9	0	316	89	182.1	21.9	0	325	98	191.5	22.1	0	324	94	60.6	201
DOEBLER'S	RPM® 609AM1™	192.3	21.3	0	323	96	156.5	22.0	0	326	94	196.7	21.1	0	305	94	181.8	21.4	0	318	95	59.2	201
DYNA-GRO	D45Q50	221.3	19.6	0	340	94	184.0	21.1	0	336	93	205.3	19.7	0	340	94	203.6	20.1	0	339	93	56.9	201
DYNA-GRO	D48VP76	226.8	20.7	0	368	97	164.2	22.3	1	364	93	194.3	21.7	0	366	96	195.1	21.6	0	366	96	55.1	202
EBBERTS	1678C	212.5	21.0	0	354	96	161.0	20.8	1	333	86	184.2	21.9	0	333	96	185.9	21.2	0	340	93	59.3	204
EBBERTS	6587VT2P	198.2	22.1	0	335	95	166.9	23.3	0	339	91	191.1	21.2	0	326	93	185.4	22.2	0	333	93	56.4	202
EBBERTS	7358VT3P	205.0	22.1	0	352	96	165.4	22.4	0	356	92	188.7	20.8	0	348	99	186.4	21.8	0	352	96	56.0	202
EBBERTS	9307SS	213.3	21.0	0	326	95	172.1	21.5	0	320	87	196.8	20.4	0	325	97	194.1	21.0	0	324	93	59.5	202
G2 GENETICS	5H-0504	218.7	18.8	0	371	98	180.2	19.5	0	378	94	202.7	18.9	0	359	98	200.5	19.1	0	369	97	58.6	201
G2 GENETICS	5H-806	221.4	20.5	0	374	98	173.6	21.7	0	365	93	194.0	21.4	0	371	99	196.4	21.2	0	370	97	59.1	202
G2 GENETICS	5H-905	197.4	19.5	0	321	87	165.6	20.1	0	328	85	206.9	19.5	0	307	86	189.9	19.7	0	319	86	57.2	200
G2 GENETICS	5Z-407	202.6	20.8	0	388	99	161.1	21.6	0	387	95	185.0	21.0	0	376	100	182.9	21.1	0	383	98	60.5	200
GARST	85E98-3000GT Brand	232.1	20.4	0	345	97	171.0	22.4	0	347	89	196.9	21.3	0	323	96	200.0	21.4	0	338	94	57.4	203
GOLDEN HARVEST	H-8577-3000GT Brand	212.0	20.5	0	314	93	172.5	21.6	0	333	92	204.2	21.0	0	320	96	196.2	21.0	0	322	94	56.1	203
GREAT LAKES	6087VT3Pro	217.6	19.1	2	318	94	177.3	20.1	2	327	93	213.0	21.0	0	316	96	202.6	20.1	1	320	95	56.1	204
GRO-MOR	56G22	199.7	19.3	0	289	88	155.4	19.9	0	304	87	203.4	18.8	0	301	93	186.2	19.3	0	298	89	54.6	202
KEY	KEY 305	199.8	19.4	1	363	97	160.9	19.4	0	354	95	200.6	19.8	0	340	98	187.1	19.5	0	352	97	54.9	202
KEY	KEY 306Q	178.2	20.2	0	358	96	151.3	20.5	0	345	87	156.0	19.6	0	334	96	161.8	20.1	0	345	93	56.4	203
LG SEEDS	LG2509	196.3	19.9	2	364	99	146.1	20.1	1	358	91	185.3	20.8	0	342	98	175.9	20.3	1	354	96	59.1	202
LG SEEDS	LG2529VT3Pro	216.4	19.6	0	366	99	170.7	20.2	0	373	97	171.7	20.8	0	353	100	186.3	20.2	0	364	98	56.6	203
LG SEEDS	LG2531	212.8	19.0	0	340	97	156.7	19.9	3	339	95	195.0	20.8	0	344	99	188.2	19.9	1	341	97	56.8	204
LG SEEDS	LG2531VT3Pro	215.1	18.9	0	350	93	152.1	20.7	0	360	90	188.0	20.6	0	354	96	185.1	20.1	0	355	93	56.9	203
LG SEEDS	LG5533VT3Pro	219.7	19.2	0	323	93	172.7	20.6	0	338	92	189.3	19.8	1	326	95	193.9	19.9	0	329	93	59.0	201
MYCOGEN SEEDS	2P616	219.1	20.4	0	306	89	168.2	22.8	0	316	88	196.2	21.7	0	311	93	194.5	21.6	0	311	90	56.4	204
NK	N53W-3000GT Brand	207.9	20.0	0	291	88	152.8	21.0	0	310	87	181.7	20.0	0	283	85	180.8	20.4	0	295	87	58.6	201
NUTECH	5B-604	205.2	19.2	0	409	99	174.4	21.0	0	401	88	202.0	20.4	0	393	98	193.9	20.2	0	401	95	55.1	203
PIONEER	P0210AM-R	217.2	18.3	0	341	93	164.9	21.0	0	353	91	196.5	19.5	2	339	95	192.9	19.6	1	344	93	59.6	200
RUPP	XR 8034	231.6	19.9	0	346	97	183.1	21.4	0	334	90	202.8	20.2	0	322	93	205.8	20.5	0	334	93	56.5	204
RUPP	XR 8239	213.9	19.6	0	330	90	174.0	20.5	0	343	91	175.1	20.5	0	312	91	187.7	20.2	0	328	91	59.1	204
RUPP	XR 8288	193.8	20.1	0	345	94	146.7	21.5	0	349	91	154.4	20.2	0	343	96	165.0	20.6	0	346	93	58.7	203
RUPP	XR 8414	200.3	19.6	0	367	100	165.8	20.5	0	377	96	181.4	19.4	0	336	94	182.5	19.9	0	360	97	59.7	202
RUPP	XR 8701	184.7	18.5	0	329	92	147.9	19.8	0	345	92	170.8	18.9	0	312	91	167.8	19.1	0	329	92	62.4	198
RUPP	XR D07-19	201.2	23.1	0	342	98	166.0	22.8	0	338	94	182.7	23.4	0	329	96	183.3	23.1	0	336	96	56.0	203
RUPP	XR J07-20	216.2	20.7	0	365	98	159.8	21.9	0	376	97	180.3	21.2	0	360	100	185.4	21.2	0	367	98	59.1	202
SEED CONSULTANTS	SCS 1070™	210.8	21.4	0	364	96	140.9	21.9	1	365	89	204.4	22.1	0	355	96	185.4	21.8	0	361	94	59.4	200
SEED CONSULTANTS	SCS 1073AMX™	209.1	22.6	0	358	96	158.0	23.1	0	340	89	174.8	22.0	0	342	96	180.6	22.6	0	347	94	58.9	203
SEED CONSULTANTS	SCS 1081AMX-R™	201.5	23.3	0	320	89	149.6	23.9	0	340	86	193.9	22.4	0	343	95	181.6	23.2	0	334	90	59.0	201
SEED CONSULTANTS	SCS 10HQ02™	196.0	19.7	0	351	97	148.4	20.4	0	355	94	182.4	20.1	0	343	95	175.6	20.1	0	350	95	60.6	200
SEED CONSULTANTS	SCS 10HQ32™	193.2	20.9	0	366	97	150.5	21.7	0	354	94	177.7	20.4	1	344	97	173.8	21.0	0	355	96	61.4	200
SEED CONSULTANTS	SCS 10HQ70™	203.1	25.1	0	370	96	161.6	25.6	0	356	87	178.9	23.6	0	350	94	181.2	24.8	0	359	93	56.7	203
SEED CONSULTANTS	SCS 10HQ72™	203.8	21.2	0	368	98	151.2	21.7	0	366	92	183.7	21.3	0	354	95	179.6	21.4	0	363	95	59.3	204
SEED CONSULTANTS	SCS 10HR62™	221.4	20.9	0	322	85	177.3	21.6	0	332	86	190.0	21.1	0	309	86	196.2	21.2	0	321	86	59.6	204
SELECT SEED	4840VP	217.0	21.8	0	334	96	168.9																

**TABLE 4L. Performance of hybrids in the full season trial. NORTHWESTERN Ohio, 2012.**

BRAND	HYBRID	VAN WERT					HOYTVILLE					UPPER SANDUSKY					SUMMARY					CHARACTERISTICS	
		YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	TW	SILK
		BU/A	MST	LDG	100/A	--%--	BU/A	MST	LDG	100/A	--%--	BU/A	MST	LDG	100/A	--%--	BU/A	MST	LDG	100/A	--%--	LBS	DAY
AGRIGOLD HYBRIDS	A6436VT3Pro	229.1	21.8	0	331	98	182.0	24.4	0	347	96	191.0	22.5	0	310	97	200.7	22.9	0	329	97	56.1	201
AGRIGOLD HYBRIDS	A6458VT3	223.5	20.0	0	301	93	187.6	21.3	0	336	91	213.9	20.9	1	306	94	208.4	20.8	0	314	93	55.4	202
AGRIGOLD HYBRIDS	A6517VT3Pro	259.9	21.0	0	311	96	189.7	23.1	0	320	95	232.3	22.9	0	314	99	227.3	22.3	0	315	96	54.3	203
AGRIGOLD HYBRIDS	A6533VT3	233.8	20.7	0	326	96	187.3	23.1	0	316	92	216.3	20.5	0	329	99	212.5	21.4	0	324	96	55.6	202
CHANNEL	210-94VT3P	213.6	22.0	0	297	87	176.5	21.9	0	338	94	199.6	23.0	0	325	95	196.6	22.3	0	320	92	57.3	199
CHANNEL	211-99VT3P	206.5	22.1	0	350	95	169.1	23.8	0	370	90	196.3	21.6	0	343	97	190.6	22.5	0	354	94	56.9	201
CHANNEL	212-09STX	191.5	23.3	0	324	95	172.8	25.2	0	327	88	175.2	24.7	0	327	97	179.8	24.4	0	326	93	54.6	204
DAIRYLAND	DS7311	203.6	19.7	0	328	93	183.0	21.3	0	322	84	216.1	20.3	0	325	96	200.9	20.4	0	325	91	55.1	203
DAIRYLAND	DS-9210SSX	212.0	22.7	0	349	97	175.6	23.5	0	362	93	202.3	22.8	1	347	98	196.6	23.0	0	353	96	55.4	203
DAIRYLAND	DS9212Q	207.3	19.6	3	350	96	175.6	20.7	1	387	96	222.7	19.0	0	347	100	201.9	19.8	1	361	97	57.6	204
DAIRYLAND	DS9610	235.2	21.6	0	353	98	186.5	22.4	0	361	94	216.6	21.1	0	347	98	212.8	21.7	0	354	97	56.8	204
DAIRYLAND	DS9614Q	228.9	21.1	0	373	98	185.4	22.3	0	388	96	214.0	21.0	0	368	100	209.4	21.5	0	376	98	55.2	202
DEKALB	DKC61-06RIB	214.2	21.7	0	345	97	177.8	21.7	0	360	93	201.3	21.6	0	355	97	197.8	21.7	0	353	96	58.2	203
DEKALB	DKC61-17	217.6	22.1	0	325	94	176.6	23.5	0	343	89	201.4	23.9	0	325	96	198.5	23.2	0	331	93	55.0	202
DEKALB	DKC61-21RIB	204.8	22.1	0	350	99	179.2	23.4	0	376	95	198.2	23.4	0	351	99	194.1	23.0	0	359	98	55.1	207
DEKALB	DKC61-88	221.7	20.8	0	363	94	175.6	22.5	0	382	94	203.8	22.2	0	359	99	200.4	21.8	0	368	96	56.3	201
DEKALB	DKC62-09	232.3	21.0	0	341	92	198.0	22.0	0	370	96	216.9	22.0	0	349	98	215.7	21.7	0	353	95	56.7	203
DEKALB	DKC62-54	197.9	21.9	0	348	95	151.4	23.3	0	366	93	198.1	21.3	0	345	99	182.5	22.2	0	353	95	58.5	202
DEKALB	DKC62-97	207.1	23.6	0	348	98	170.0	24.0	0	345	92	199.7	22.5	0	348	99	192.3	23.4	0	347	96	55.9	201
DYNA-GRO	CX52VP91	216.4	23.7	0	342	95	188.9	24.2	0	393	92	222.3	23.9	0	355	100	209.2	23.9	0	363	96	57.5	200
DYNA-GRO	D49VP88	204.5	21.8	0	335	85	171.4	23.0	0	365	89	199.6	22.2	0	348	89	191.8	22.4	0	349	88	57.2	201
DYNA-GRO	D51VP32	239.8	20.8	0	356	94	176.4	22.5	0	376	94	215.5	22.1	0	360	99	210.6	21.8	0	364	96	57.3	204
EBBERTS	1229C	206.1	20.7	2	310	88	154.5	21.2	0	307	90	195.9	22.2	0	338	97	185.5	21.3	1	318	92	58.8	203
EBBERTS	1760C	227.0	20.2	0	355	96	176.0	20.9	0	379	95	219.7	20.4	0	353	96	207.6	20.5	0	362	96	56.5	203
EBBERTS	6292VT2P	205.9	24.1	0	295	86	186.0	25.6	0	328	88	218.4	23.0	0	316	95	203.4	24.2	0	313	89	54.0	202
EBBERTS	7222VT3P	226.4	22.1	0	312	89	184.5	22.9	0	344	93	188.8	22.5	0	326	97	199.9	22.5	0	327	93	58.1	201
EBBERTS	7712VT3P	192.7	23.9	0	311	93	191.6	25.2	0	347	96	219.3	24.9	0	323	96	201.2	24.6	0	327	95	54.3	202
EBBERTS	7861VT3P	207.6	23.3	0	346	97	187.3	25.3	0	373	95	205.6	24.5	0	339	99	200.2	24.4	0	353	97	53.5	203
EBBERTS	7909VT3P	216.4	21.1	0	304	96	178.0	23.0	0	321	94	206.6	21.9	0	314	97	200.4	22.0	0	313	95	57.3	202
EBBERTS	9501SS	199.8	21.9	0	328	96	191.2	22.1	0	340	91	189.9	22.5	0	336	96	193.7	22.2	0	335	95	57.5	199
G2 GENETICS	3D-811	216.4	23.2	0	305	90	168.7	24.3	0	317	87	200.5	22.6	0	328	95	195.2	23.4	0	317	91	58.6	201
G2 GENETICS	3D-909	202.0	22.4	0	332	93	152.2	23.3	0	340	89	184.2	23.4	0	334	93	179.5	23.0	0	336	91	58.9	201
G2 GENETICS	3F-511	223.8	21.1	0	315	92	179.5	21.6	0	326	88	208.1	22.2	0	310	95	203.8	21.6	0	317	92	58.3	203
G2 GENETICS	5H-1005	226.3	21.8	0	360	96	189.4	21.9	0	378	94	194.8	26.1	0	375	99	203.5	23.3	0	371	96	56.7	205
G2 GENETICS	5H-309	238.2	21.6	0	352	96	178.7	24.0	0	384	93	193.6	22.9	0	356	97	203.5	22.8	0	364	96	55.7	202
GARST	83R38-3000GT Brand	244.2	23.5	0	333	96	191.0	28.0	1	354	97	228.0	24.4	1	329	97	221.1	25.3	1	339	97	54.3	204
GOLDEN HARVEST	H-8969-3122 Brand	222.7	20.5	0	345	98	171.4	21.8	0	354	95	199.4	21.2	0	339	97	197.8	21.2	0	346	97	57.2	202
GREAT LAKES	6232VT3Pro	245.0	21.3	0	329	97	169.2	23.8	0	336	94	233.6	22.2	0	323	97	215.9	22.4	0	329	96	54.1	202
GRO-MOR	61T10	220.7	21.6	0	343	95	184.3	22.6	0	365	93	200.6	22.3	0	342	100	201.9	22.2	0	350	96	55.9	206
KEY	KEY 310Q	244.6	20.5	0	353	98	182.5	22.6	0	348	91	218.1	21.8	0	339	99	215.1	21.6	0	347	96	57.0	203
KEY	KEY 909	200.0	21.7	1	295	90	150.0	21.0	8	304	84	190.9	22.6	0	300	87	180.3	21.7	3	300	87	58.7	204
LG SEEDS	LG2549	223.2	19.8	1	335	95	179.8	20.1	1	355	99	230.7	20.8	0	350	98	211.2	20.3	1	347	97	56.3	202
LG SEEDS	LG2549VT3	245.0	19.5	0	327	96	185.8	20.9	0	345	97	226.6	21.1	1	342	99	219.1	20.5	0	338	97	55.3	202
LG SEEDS	LG2575VT3Pro	208.2	18.9	2	345	95	177.5	20.5	9	347	93	211.6	20.6	0	320	89	199.1	20.0	4	337	92	56.8	203
LG SEEDS	LG2602VT3Pro	228.8	21.2	0	341	95	190.3	22.9	0	338	95	210.0	22.0	0	332	97	209.7	22.0	0	337	96	54.6	204
LG SEEDS	LG2620	210.4	20.5	1	335	97	173.4	22.0	2	361	98	214.0	20.8	0	336	98	199.3	21.1	1	344	98	56.5	203
LG SEEDS	LG2620VT3	236.0	21.7	0	348	98	179.7	23.3	1	364	96	222.0	21.2	4	339	98	212.5	22.1	1	350	97	55.1	202
NK	N72A-3111 Brand	229.2	22.8	0	316	94	172.2	24.4	1	317	88	211.6	23.6	0	315	97	204.4	23.6	0	316	93	53.5	201
NUTECH	5B-410	231.0	21.1	0	365	95	172.9	23.9	0	393	93	212.2	22.0	0	353	99	205.4	22.3	0	370	96	56.0	204
NUTECH	5N-910	177.4	22.5	0	367	99	167.6	22.9	0	370	94	196.3	21.8	0	351	99	180.4	22.4	0	363	97	55.1	203
PIONEER	P0993HR	199.8	23.1	0	351	96	178.5	22.6	0	361	92	206.2	22.1	0	344	92	194.8	22.6	0	352	93	54.3	201
PIONEER	P1184AMX-R	224.0	22.9	0	323	89	173.5	24.5	0	358	89	198.1	22.7	0	367	100	198.5	23.4</					

**TABLE 5. Two year hybrid performance in NORTHWESTERN Ohio, 2011-2012.**

BRAND	HYBRID	HOYTVILLE					UPPER SANDUSKY					SUMMARY					CHARACTERISTICS	
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY
BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--				
AGRIGOLD HYBRIDS	A6436VT3Pro	206.1	24.1	5	331	96	223.9	22.4	0	310	95	215.0	23.2	2	321	96	55.5	206
AGRIGOLD HYBRIDS	A6458VT3	202.3	21.7	1	338	94	236.2	22.2	1	324	96	219.3	21.9	1	331	95	53.9	207
AGRIGOLD HYBRIDS	A6533VT3	202.4	23.9	0	336	95	245.3	22.1	0	344	98	223.8	23.0	0	340	97	53.9	207
BECK'S	Beck 5246HR™*	173.7	22.1	0	336	90	226.3	21.8	0	341	96	200.0	21.9	0	339	93	58.6	205
BECK'S	Phoenix 5385A3	188.7	22.3	1	351	95	221.7	21.8	0	335	96	205.2	22.0	0	343	96	56.4	207
CHANNEL	202-32STX	183.3	19.8	0	394	96	219.9	20.2	0	367	98	201.6	20.0	0	380	97	57.1	208
CHANNEL	207-13VT3P	194.1	21.7	1	342	92	207.3	22.0	1	329	93	200.7	21.8	1	335	92	57.2	206
CHANNEL	211-99VT3P	197.3	22.7	0	373	94	230.0	22.3	0	352	95	213.6	22.5	0	363	95	56.0	206
DAIRYLAND	DS-9210SSX	189.3	23.8	0	381	96	229.0	23.3	1	362	98	209.1	23.5	1	372	97	55.0	206
DEKALB	DKC57-50	195.9	22.0	1	362	92	228.4	22.5	0	349	96	212.2	22.2	1	356	94	55.5	207
DEKALB	DKC61-88	199.9	22.1	0	388	96	236.7	22.2	0	371	99	218.3	22.2	0	379	98	55.8	206
DEKALB	DKC62-09	216.9	21.9	0	368	97	238.6	22.3	0	352	98	227.8	22.1	0	360	97	54.9	207
DEKALB	DKC62-54	184.3	23.3	2	373	95	231.3	21.7	0	354	99	207.8	22.5	1	364	97	57.3	205
DEKALB	DKC62-97	194.2	23.3	0	358	95	229.7	22.6	0	357	98	211.9	22.9	0	357	96	54.9	206
DYNA-GRO	D45Q50	201.9	20.3	0	370	96	229.5	20.1	0	351	95	215.7	20.2	0	360	96	56.3	207
EBBERTS	7358VT3P	185.1	22.5	0	376	94	218.4	22.2	0	362	99	201.7	22.3	0	369	97	54.8	206
EBBERTS	7861VT3P	207.0	24.3	0	375	97	226.6	23.6	0	356	97	216.8	23.9	0	365	97	53.8	208
G2 GENETICS	5H-905	180.5	20.1	0	350	91	226.5	19.8	0	329	90	203.5	20.0	0	340	91	56.4	204
GARST	83R38-3000GT Brand	210.5	27.2	1	367	97	252.3	24.9	1	355	98	231.4	26.0	1	361	98	53.4	209
GARST	85E98-3000GT Brand	191.1	22.1	1	376	94	221.9	21.5	0	352	97	206.5	21.8	0	364	96	56.3	207
GOLDEN HARVEST	H-8577 3000GT Brand	193.0	21.2	0	347	91	234.1	22.3	0	329	93	213.5	21.8	0	338	92	55.2	207
KEY	KEY 909	171.4	21.6	6	329	89	225.7	21.9	0	319	91	198.5	21.8	3	324	90	58.3	207
LG SEEDS	LG2529VT3Pro	189.2	20.2	1	362	95	212.8	20.6	0	338	97	201.0	20.4	0	350	96	55.5	207
LG SEEDS	LG2549	192.4	20.1	3	359	97	248.6	21.6	1	342	98	220.5	20.9	2	350	98	54.5	206
LG SEEDS	LG2549VT3	211.5	21.8	1	361	98	241.2	21.9	1	343	99	226.3	21.8	1	352	98	53.7	207
LG SEEDS	LG2620	188.1	23.0	2	358	97	238.6	21.4	0	329	98	213.3	22.2	1	343	97	55.1	206
LG SEEDS	LG2620VT3	202.8	23.6	0	365	95	252.5	22.1	2	350	97	227.6	22.9	1	358	96	53.9	206
NK	N53W-3000GT Brand	173.9	20.6	1	328	90	206.7	20.3	0	309	86	190.3	20.4	0	319	88	57.4	205
RUPP	XR 8034	201.0	20.7	0	345	92	229.5	20.6	0	338	96	215.2	20.6	0	342	94	55.8	207
RUPP	XR 8239	195.5	19.8	5	362	93	214.8	20.4	0	346	95	205.1	20.1	2	354	94	57.0	208
SEED CONSULTANTS	SCS 1070™	169.8	21.7	2	382	94	238.8	22.4	0	358	96	204.3	22.0	1	370	95	58.9	205
SEED CONSULTANTS	SCS 10HQ02™	162.4	20.3	4	362	94	206.0	20.1	0	357	97	184.2	20.2	2	360	96	59.4	205
SEED CONSULTANTS	SCS 10HQ70™	183.0	24.8	0	371	92	208.5	23.6	0	356	95	195.7	24.2	0	363	93	57.2	206
SEED CONSULTANTS	SCS 10HR62™	187.1	21.4	2	366	91	219.9	21.3	0	333	91	203.5	21.4	1	349	91	58.5	207
SEED CONSULTANTS	SCS 11HR02™	203.0	23.4	0	369	94	229.4	22.1	0	368	98	216.2	22.7	0	368	96	55.1	207
SEED CONSULTANTS	SCS 11HR12™	195.0	23.7	0	386	96	239.0	23.4	0	380	97	217.0	23.5	0	383	96	56.7	208
SEED CONSULTANTS	SCS 11HR21™	199.5	23.3	2	366	94	231.9	23.2	0	361	98	215.7	23.2	1	363	96	57.3	208
SELECT SEED	4788VP	206.0	22.8	1	370	93	229.3	23.4	0	357	94	217.7	23.1	1	363	93	56.3	206
SELECT SEED	5155VP	203.3	24.7	0	363	95	229.1	24.0	0	348	95	216.2	24.4	0	355	95	53.4	208
STEWART SEEDS	6V556	193.1	21.6	0	363	92	223.5	21.6	1	354	98	208.3	21.6	1	359	95	56.2	204
STEYER	10501	170.8	20.1	2	345	89	228.4	19.9	0	339	93	199.6	20.0	1	342	91	56.6	206
STEYER	11302 VT3Pro	203.6	24.7	0	370	96	227.3	24.8	0	358	97	215.5	24.7	0	364	96	53.5	208
UNITY SEEDS	4608 VT3P	197.0	23.1	1	350	95	228.7	22.4	0	336	98	212.8	22.7	1	343	96	55.9	206
HIGH		216.9	27.2	6	394	98	252.5	24.9	2	380	99	231.4	26.0	3	383	98	59.4	209
AVERAGE		192.9	22.3	1	361	94	228.5	22.0	0	346	96	210.7	22.2	1	354	95	55.9	206
LOW		162.4	19.8	0	328	89	206.0	19.8	0	309	86	184.2	20.0	0	319	88	53.4	204

**TABLE 6. Three year hybrid performance in NORTHWESTERN Ohio, 2010-2012.**

BRAND	HYBRID	HOYTVILLE					UPPER SANDUSKY					SUMMARY					CHARACTERISTICS	
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY
BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--				
AGRIGOLD HYBRIDS	A6458VT3	182.9	19.7	1	323	92	236.5	21.0	1	324	95	209.7	20.3	1	323	94	54.9	204
AGRIGOLD HYBRIDS	A6533VT3	183.5	22.0	2	318	91	232.5	22.0	0	345	98	208.0	22.0	1	331	95	54.6	204
DEKALB	DKC57-50	178.8	20.2	3	342	92	228.5	21.3	1	345	96	203.6	20.8	2	344	94	56.6	204
DEKALB	DKC62-54	171.6	21.0	1	354	96	226.3	21.2	0	337	97	199.0	21.1	1	346	96	58.5	202
DEKALB	DKC62-97	179.4	21.1	0	334	94	230.0	21.9	0	343	97	204.7	21.5	0	339	96	56.1	202
DYNA-GRO	D45Q50	176.3	18.4	1	336	90	226.1	19.2	1	339	95	201.2	18.8	1	338	92	56.5	205
G2 GENETICS	5H-905	168.9	18.2	2	351	91	228.4	18.8	1	345	93	198.6	18.5	1	348	92	57.1	201
GARST	83R38-3000GT Brand	192.2	24.5	1	349	94	245.3	24.2	0	348	96	218.7	24.3	1	349	95	54.4	207
GARST	85E98-3000GT Brand	175.2	20.3	1	359	90	222.2	21.1	0	353	96	198.7	20.7	0	356	93	57.4	204
GOLDEN HARVEST	H-8577 3000GT Brand	178.1	19.2	2	331	90	222.8	21.6	0	329	94	200.5	20.4	1	330	92	55.9	204
KEY	KEY 909	162.6	19.9	4	313	88	222.9	21.3	1	318	93	192.8	20.6	3	315	90	59.5	204
LG SEEDS	LG2529VT3Pro	172.9	18.1	1	345	92	209.5	19.1	1	331	96	191.2	18.6	1	338	94	56.1	204
LG SEEDS	LG2549VT3	192.7	19.7	2	329	91	237.7	20.7	2	335	98	215.2	20.2	2	332	94	54.9	204
LG SEEDS	LG2620	174.2	21.1	3	339	95	221.1	21.2	0	323	96	197.6	21.1	2	331	96	55.8	204
NK	N53W-3000GT Brand	159.8	18.9	1	319	89	211.4	19.6	0	314	89	185.6	19.2	0	317	89	57.9	202
RUPP	XR 8034	180.3	19.0	0	327	92	224.1	19.8	0	324	96	202.2	19.4	0	326	94	56.7	204
RUPP	XR 8239	180.7	18.6	4	320	88	208.1	19.6	1	324	93	194.4	19.1	3	322	90	58.1	204
SEED CONSULTANTS	SCS 1070™	159.6	19.8	2	332	85	228.0	22.0	0	326	89	193.8	20.9	1	329	87	59.6	201
SEED CONSULTANTS	SCS 10HQ70™	165.5	21.8	1	355	90	206.2	22.9	0	342	92	185.8	22.4	0	348	91	58.5	203
SEED CONSULTANTS	SCS 11HR21™	185.3	20.9	2	343	92	224.4	22.4	0	346	96	204.8	21.6	1	344	94	58.0	204
SELECT SEED	4788VP	186.5	20.6	2	358	93	213.7	22.1	7	352	93	200.1	21.4	4	355	93	57.3	203
HIGH		192.7	24.5	4	359	96	245.3	24.2	2	353	98	218.7	24.3	3	356	96	59.6	207
AVERAGE		176.0	20.1	2	336	91	224.6	21.0	0	335	95	200.3	20.6	1	335	93	56.9	204
LOW		159.6	18.1	0	313	85	206.2	18.8	0	314	89	185.6	18.5	0	315	87	54.4	201



**TABLE 7E. Performance of hybrids in the early maturity trial. NORTH CENTRAL AND NORTHEASTERN Ohio, 2012.**

BRAND	HYBRID	BUCYRUS					WOOSTER					BELOIT					SUMMARY					CHARACTERISTICS	
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY
AGRIGOLD HYBRIDS	A6356VT3Pro	191.6	21.2	0	348	97	199.5	20.4	8	331	91	148.0	24.1	0	361	99	179.7	21.9	3	347	96	55.3	196
AGRIGOLD HYBRIDS	A6384VT3Pro	215.8	23.2	0	343	98	202.3	19.8	11	318	90	143.6	28.3	0	360	98	187.2	23.8	4	340	96	53.5	197
AGRIGOLD HYBRIDS	A6389VT3Pro	204.8	24.4	0	356	98	199.3	20.1	15	327	90	155.9	27.0	0	367	97	186.7	23.8	5	350	95	56.1	197
AGRIGOLD HYBRIDS	A6408VT3Pro	196.4	22.0	2	312	92	216.7	18.9	7	283	84	153.4	23.2	0	319	93	188.8	21.4	3	305	90	56.8	198
BECK'S	Beck 5140HR™*	220.6	22.5	0	344	99	185.3	19.5	10	315	91	141.1	24.4	0	351	98	182.3	22.2	3	337	96	57.7	198
BECK'S	Beck 5246HR™*	188.4	23.8	0	333	88	194.7	20.2	2	300	82	156.8	25.8	0	343	93	180.0	23.3	1	325	87	58.7	196
BECK'S	Beck 5475AM™*	215.5	24.3	0	329	97	211.2	20.6	6	279	83	174.1	26.5	0	353	96	200.2	23.8	2	320	92	57.0	198
CHANNEL	202-32STX	196.9	22.3	0	387	99	180.7	18.9	20	353	89	137.8	23.8	0	404	99	171.8	21.7	7	381	96	56.8	200
CHANNEL	207-13VT3P	207.9	23.7	0	332	93	199.8	21.1	5	289	82	144.9	29.0	0	331	93	184.2	24.6	2	317	89	56.0	198
CHEMGRO	6337RVP	195.9	21.8	0	350	94	181.5	18.3	21	353	95	143.9	23.7	0	379	99	173.8	21.3	7	360	96	58.3	197
CHEMGRO	6837RVP	196.8	21.1	1	323	94	204.5	20.4	3	286	80	120.9	25.5	0	330	92	174.1	22.3	1	313	89	57.7	195
DEKALB	DKC52-04	206.7	21.2	0	332	93	226.2	18.7	6	329	90	151.6	24.6	0	348	96	194.9	21.5	2	337	93	57.7	197
DEKALB	DKC53-45RIB	202.0	22.4	2	337	95	197.5	18.4	5	297	83	157.6	23.6	0	345	94	185.7	21.5	2	326	91	57.3	197
DEKALB	DKC53-78RIB	205.8	21.2	0	348	97	211.7	19.4	9	361	92	139.9	24.8	0	376	97	185.8	21.8	3	362	95	56.5	196
DEKALB	DKC57-50	192.5	24.9	0	368	98	177.2	21.4	3	333	87	147.7	28.1	0	386	100	172.5	24.8	1	362	95	55.3	199
DEKALB	DKC57-76	201.2	24.8	0	328	91	189.2	22.7	1	281	78	146.6	28.3	0	337	96	179.0	25.3	0	315	88	55.2	197
DEKALB	DKC58-83	206.5	23.0	1	356	98	176.0	20.8	3	340	91	153.2	26.3	0	370	97	178.6	23.4	1	355	95	57.5	199
DOEBLER'S	555XY	184.9	20.5	0	253	82	165.1	19.4	0	240	73	152.8	24.9	0	256	78	167.6	21.6	0	250	78	57.0	196
DOEBLER'S	594GRQ	217.7	20.6	0	267	86	191.1	19.2	1	239	73	154.3	27.7	0	274	84	187.7	22.5	0	260	81	55.1	197
DOEBLER'S	RPM® 588AMX™	194.4	23.6	0	323	96	188.4	20.8	7	295	88	134.2	25.2	0	347	97	172.3	23.2	3	322	94	59.3	198
DOEBLER'S	RPM® 609AM1™	192.3	22.0	0	314	98	195.7	19.7	0	309	90	119.8	26.5	0	338	99	169.3	22.8	0	320	96	57.9	197
DYNA-GRO	D45Q50	209.9	22.8	0	331	91	210.9	19.6	3	286	77	170.3	25.5	0	331	92	197.0	22.6	1	316	87	54.9	196
DYNA-GRO	D48VP76	208.7	22.7	1	372	95	178.4	20.8	11	336	87	144.1	25.6	0	392	95	177.1	23.0	4	366	92	54.8	198
GARST	85E98-3000GT Brand	212.9	21.8	1	338	94	206.4	21.2	2	320	87	176.4	27.8	0	358	97	198.6	23.6	1	339	93	56.2	198
GREAT LAKES	5368VT3Pro	208.6	18.8	2	310	95	214.2	18.9	5	303	89	146.1	21.7	0	310	93	189.6	19.8	2	307	92	56.7	198
GREAT LAKES	5785VT3Pro	213.7	21.0	0	301	88	194.1	19.0	6	283	84	155.9	23.6	0	323	91	187.9	21.2	2	302	88	56.9	199
LG SEEDS	LG2509	209.3	21.1	2	353	97	218.0	19.1	0	340	93	158.4	25.3	0	369	99	195.3	21.8	1	354	96	56.9	198
LG SEEDS	LG2529VT3Pro	205.6	22.0	1	353	99	213.2	20.2	2	330	87	141.0	28.1	0	348	98	186.6	23.4	1	344	95	53.7	197
LG SEEDS	LG2531	213.9	20.7	0	339	99	179.1	19.2	3	303	90	158.4	24.8	0	349	97	183.8	21.6	1	330	95	55.1	197
LG SEEDS	LG2531VT3Pro	195.4	21.2	0	349	92	186.6	18.9	2	320	85	151.1	24.3	0	352	95	177.7	21.5	1	340	91	55.5	197
LG SEEDS	LG5533VT3Pro	209.8	22.1	1	343	94	197.1	18.5	0	309	87	158.3	23.4	0	325	96	188.4	21.4	0	325	92	57.1	199
MYCOGEN SEEDS	2H566	182.7	20.6	0	337	97	188.5	19.1	1	323	90	155.8	25.0	0	366	99	175.7	21.6	0	342	95	57.0	197
MYCOGEN SEEDS	2R547	190.1	20.6	0	329	93	175.5	19.6	2	276	79	124.1	24.1	0	317	90	163.3	21.4	1	307	88	56.3	196
NK	N61P-3000GT Brand	216.7	24.3	1	326	99	196.2	21.2	3	310	88	164.8	27.7	0	340	95	192.6	24.4	2	325	94	53.3	198
PIONEER	P0210AM-R	202.1	20.6	1	353	95	168.2	18.7	37	317	84	155.6	24.6	0	366	95	175.3	21.3	13	346	91	57.5	197
RUPP	XR 8034	219.1	21.8	1	350	97	196.7	20.0	0	310	86	170.5	25.8	0	345	92	195.4	22.5	0	335	91	54.4	199
RUPP	XR 8239	195.0	22.0	4	326	94	204.0	19.8	20	287	82	128.6	25.0	0	333	90	175.9	22.3	8	315	88	56.7	197
RUPP	XR 8264	184.2	18.2	5	333	96	166.7	16.3	3	266	75	145.2	20.7	0	334	91	165.3	18.4	3	311	87	59.0	193
RUPP	XR 8414	183.9	20.6	1	357	93	201.5	18.5	4	351	94	152.1	24.4	0	377	98	179.2	21.2	2	362	95	57.9	196
RUPP	XR 8701	181.7	20.1	1	342	95	183.8	17.9	2	294	82	135.3	22.0	0	351	96	166.9	20.0	1	329	91	60.8	194
RUPP	XR D07-19	226.2	23.2	0	334	96	208.2	21.1	9	301	85	91.2	35.0	0	349	97	175.2	26.4	3	328	93	55.0	198
RUPP	XR J07-20	208.3	22.5	2	384	99	229.5	20.7	0	318	86	146.4	28.4	0	371	98	194.7	23.9	1	358	94	56.6	196
SEED CONSULTANTS	SCS 1070™	209.9	23.7	0	366	96	219.9	20.7	15	334	87	156.9	26.4	0	377	98	195.6	23.6	5	359	94	58.2	196
SEED CONSULTANTS	SCS 1073AMX™	171.4	23.0	1	342	92	191.1	21.3	2	325	87	131.1	25.9	0	363	95	164.6	23.4	1	343	91	58.0	200
SEED CONSULTANTS	SCS 1081AMX-R™	183.1	24.4	2	354	96	205.6	22.2	1	320	86	146.2	27.9	0	343	94	178.3	24.8	1	339	92	57.7	197
SEED CONSULTANTS	SCS 10HQ02™	195.7	20.5	0	351	96	181.6	18.2	2	312	81	112.6	21.5	0	354	93	163.3	20.1	1	339	90	59.7	195
SEED CONSULTANTS	SCS 10HQ32™	191.5	21.0	0	364	98	193.4	19.8	20	322	90	124.3	24.5	0	341	96	169.7	21.8	7	342	95	60.1	196
SEED CONSULTANTS	SCS 10HQ70™	203.7	25.4	0	360	95	180.7	22.0	6	327	83	140.5	29.3	0	376	95	175.0	25.5	2	354	91	56.7	198
SEED CONSULTANTS	SCS 10HQ72™	190.8	22.0	0	372	96	208.4	19.8	1	362	92	135.7	26.3	0	371	97	178.3	22.7	0	368	95	58.3	198
SEED CONSULTANTS	SCS 10HR62™	197.0	23.1	0	329	90	168.8	21.3	5	300	80	141.5	26.5	0	338	88	169.1	23.6	2	323	86	57.2	201
SPECTRUM PREMIUM	Spectrum 5418	191.2	20.4	0	261	89	161.4	18.3	6	227	76	153.0	24.1	0	265	91	168.5	20.9	2	251	85	57.6	197
SPECTRUM PREMIUM	Spectrum 5606	202.8	22.0	3	321	100	167.8	18.3	15	257	76	156.4	24.6	0	331	98	175.7						

**TABLE 7L. Performance of hybrids in the full season trial. NORTH CENTRAL AND NORTHEASTERN Ohio, 2012.**

BRAND	HYBRID	BUCYRUS					WOOSTER					BELOIT					SUMMARY					CHARACTERISTICS	
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY
BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	LBS	DAY		
AGRIGOLD HYBRIDS	A6436VT3Pro	211.5	23.6	1	304	95	164.7	20.6	3	304	93	141	35	0	356	99	172.4	26.4	1	321	96	55.9	201
AGRIGOLD HYBRIDS	A6458VT3	230.8	22.7	0	306	95	195.4	19.6	0	310	92	169	30	0	337	96	198.5	24.3	0	318	95	53.5	200
AGRIGOLD HYBRIDS	A6533VT3	226.9	23.3	0	328	98	199.0	20.7	3	314	90	143	30	0	342	99	189.8	24.7	1	328	95	54.1	200
CHANNEL	210-94VT3P	220.8	23.6	0	326	97	209.5	21.6	3	311	90	125	32	0	338	94	185.2	25.8	1	325	94	56.3	197
CHANNEL	211-99VT3P	206.1	24.5	0	355	99	167.4	19.8	12	317	84	149	32	0	376	98	174.3	25.5	4	350	94	56.2	197
CHANNEL	212-09STX	189.3	23.4	0	333	99	192.0	23.5	1	286	81	152	31	0	360	99	177.7	26.0	0	326	93	54.5	202
CHEMGRO	7038G3	210.2	23.3	0	347	99	210.0	21.2	0	327	89	156	28	0	365	98	191.9	24.0	0	346	95	55.3	200
DEKALB	DKC61-06RIB	208.3	23.2	0	355	98	176.6	21.7	0	318	85	157	29	0	364	97	180.5	24.4	0	346	93	56.8	200
DEKALB	DKC61-17	203.3	23.9	0	317	91	193.0	21.6	2	293	82	132	31	0	336	91	176.0	25.3	1	315	88	55.1	197
DEKALB	DKC61-21RIB	200.2	25.2	0	342	97	178.0	21.6	1	328	85	170	29	0	383	99	182.9	25.3	0	351	94	54.1	201
DEKALB	DKC61-88	212.1	23.0	0	353	96	211.0	21.2	4	329	88	135	33	0	392	99	186.0	25.8	1	358	94	55.2	198
DEKALB	DKC62-09	228.2	23.7	0	355	96	204.0	21.4	0	333	89	134	29	0	374	99	188.8	24.7	0	354	95	55.3	201
DEKALB	DKC62-54	204.8	25.3	0	347	98	222.6	21.8	0	327	91	147	29	0	374	99	191.5	25.5	0	349	96	56.2	198
DEKALB	DKC62-97	216.3	25.2	0	339	98	202.0	22.3	0	337	90	139	31	0	370	100	186.0	26.2	0	349	96	55.3	197
DOEBLER'S	RPM® 638AMX-R™	211.0	23.0	0	280	92	177.9	21.6	0	256	83	141	29	0	305	95	176.6	24.4	0	280	90	57.7	197
DYNA-GRO	CX52VP91	209.8	24.5	0	379	98	182.7	23.4	5	364	89	171	31	0	383	100	187.9	26.2	2	375	96	56.6	198
DYNA-GRO	D51VP32	208.9	24.1	1	351	99	221.8	21.1	0	328	86	163	27	0	350	96	198.0	24.0	0	343	94	55.8	199
GARST	83R38-3000GT Brand	212.5	28.4	0	329	98	215.7	24.3	2	329	90	172	34	0	372	99	199.9	28.7	1	344	96	53.9	201
GOLDEN HARVEST	H-8969-3122 Brand	218.6	23.6	0	322	99	201.9	22.0	0	300	86	151	30	0	344	96	190.6	25.0	0	322	94	54.7	199
GOLDEN HARVEST	H-9173-3111 Brand	200.9	23.6	2	316	99	184.1	22.4	6	316	98	124	30	0	339	98	169.8	25.5	3	324	98	53.3	200
LG SEEDS	LG2549	224.7	22.4	0	351	98	195.6	19.6	1	327	95	177	28	0	345	97	199.0	23.4	0	341	97	53.8	201
LG SEEDS	LG2549VT3	219.7	22.6	2	345	99	211.3	20.2	1	325	94	162	30	0	355	98	197.8	24.3	1	342	97	53.5	201
LG SEEDS	LG2575VT3Pro	211.4	21.1	0	306	90	211.8	21.1	4	309	88	169	28	0	336	96	197.3	23.3	1	317	91	54.1	201
LG SEEDS	LG2602VT3Pro	228.4	25.3	1	326	100	166.9	22.9	1	330	92	176	31	0	350	99	190.3	26.3	1	335	97	52.5	202
LG SEEDS	LG2620	229.3	23.0	1	340	98	217.1	20.9	3	316	89	162	27	0	348	99	202.8	23.6	1	335	95	54.3	200
LG SEEDS	LG2620VT3	214.2	22.9	2	339	97	204.8	20.9	1	329	91	164	26	0	371	100	194.4	23.3	1	347	96	54.3	200
MYCOGEN SEEDS	2H727	194.0	23.1	3	348	99	196.1	21.7	2	304	83	153	31	0	383	99	180.9	25.2	2	345	94	55.0	199
MYCOGEN SEEDS	2V707	206.4	23.0	3	340	99	197.6	21.7	0	304	90	150	29	0	343	97	184.6	24.7	1	329	95	55.0	201
NK	N72A-3111 Brand	196.3	25.5	0	305	93	186.7	25.1	0	302	87	133	30	0	340	95	171.9	26.8	0	316	92	52.3	198
PIONEER	P0993HR	219.2	24.2	0	364	98	185.0	20.9	3	325	85	148	31	0	379	97	184.0	25.4	1	356	93	53.6	198
PIONEER	P1184AMX-R	220.4	23.0	0	361	99	187.2	21.4	2	336	90	138	32	0	395	98	181.8	25.4	1	364	96	57.4	200
PIONEER	P1339XR	212.4	22.2	6	329	95	196.3	22.6	12	323	90	137	34	0	363	96	181.8	26.3	6	339	94	55.6	201
PIONEER	P1498HR	211.4	25.4	0	332	97	192.5	21.9	1	314	88	159	27	0	358	97	187.5	24.7	0	334	94	55.3	200
SEED CONSULTANTS	SCS 11HR02™	205.9	26.2	0	365	98	198.9	20.8	4	329	84	151	30	0	381	97	185.1	25.5	1	358	93	55.2	199
SEED CONSULTANTS	SCS 11HR12™	200.5	25.1	0	368	98	175.8	22.5	1	323	88	157	31	0	382	98	177.8	26.3	0	358	95	57.0	201
SEED CONSULTANTS	SCS 11HR21™	205.0	24.3	0	358	97	180.5	21.3	2	320	87	145	29	0	379	98	176.8	24.7	1	352	94	56.6	200
SPECTRUM PREMIUM	Spectrum 6148	215.4	23.7	0	276	97	183.9	20.8	1	260	88	151	27	0	272	95	183.4	24.0	0	269	93	56.1	200
SPECTRUM PREMIUM	Spectrum 6204	167.4	24.2	0	343	98	162.9	21.6	2	336	91	149	27	0	364	97	159.7	24.3	1	347	95	55.0	202
STEWART SEEDS	7V747	202.5	25.5	0	317	95	230.8	22.6	0	293	86	156	32	0	340	96	196.5	26.7	0	317	92	54.3	197
T. A. SEEDS	TA617-20	224.6	25.1	0	320	99	191.8	20.8	0	301	87	149	32	0	345	97	188.5	26.1	0	322	94	54.7	201
T. A. SEEDS	TA647-22DP	200.0	25.3	0	349	98	194.9	20.6	4	322	88	162	29	0	375	100	185.7	24.9	1	349	95	55.5	198
T. A. SEEDS	TA683-22DP	200.7	23.5	0	347	99	214.0	21.0	0	345	93	163	26	0	363	100	192.5	23.6	0	352	97	56.3	199
T. A. SEEDS	TA753-22DP	208.7	23.9	0	316	96	197.0	22.2	2	315	92	130	33	0	322	97	178.5	26.4	1	318	95	56.4	197
HIGH		230.8	28.4	6	379	100	230.8	25.1	12	364	98	177	35	0	395	100	202.8	28.7	6	375	98	57.7	202
AVERAGE		210.4	24.0	1	336	97	195.1	21.6	2	317	88	151	30	0	357	98	185.6	25.2	1	336	94	55.1	200
LOW		167.4	21.1	0	276	90	162.9	19.6	0	256	81	124	26	0	272	91	159.7	23.3	0	269	88	52.3	197
LSD .05		18.4	2.2	2	21	4	35.3	1.2	6	31	8	22	2	NS	22	4	21.3	2.3	3	17	4	1.4	1

SOIL TYPE	BLOUNT SILT LOAM	CANFIELD SILT LOAM	FITCHVILLE SILT LOAM
PREVIOUS CROP	SOYBEANS	SOYBEANS	SOYBEANS
PLANTING /HARVEST DATES	MAY 15 / NOV. 6, 2012	MAY 7 / OCT. 24, 2012	MAY 2 / Oct. 9, 2012
TILLAGE	MINIMUM TILL	MINIMUM TILL	NO-TILL
FERTILIZER (N,P,K)	180, 40, 40	200, 40, 40	160, 40, 40
COOPERATOR	CRAWFORD COUNTY EXTENSION	OARDC	B & B FARMS
COUNTY	CRAWFORD	WAYNE	MAHONING

**TABLE 8. Two year hybrid performance in NORTH CENTRAL AND NORTHEASTERN Ohio, 2011-2012.**

BRAND	HYBRID	BUCYRUS					WOOSTER					BELOIT					SUMMARY					CHARACTERISTICS				
		HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					TW	SILK			
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG
BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--		
AGRIGOLD HYBRIDS	A6384VT3Pro	229.4	20.1	0	318	98	222.6	19.3	6	317	95	175.7	23.9	1	341	97	209.2	21.1	2	325	96	55.2	197			
AGRIGOLD HYBRIDS	A6436VT3Pro	230.7	21.0	0	275	94	194.2	20.8	2	292	94	175.0	28.0	0	322	97	200.0	23.3	1	296	95	56.5	199			
AGRIGOLD HYBRIDS	A6458VT3	245.0	20.3	0	295	97	228.3	19.5	1	315	95	188.0	25.7	0	330	97	220.4	21.8	0	313	96	54.1	199			
AGRIGOLD HYBRIDS	A6533VT3	244.4	21.7	0	308	98	234.1	20.8	2	322	94	188.7	25.8	1	335	97	222.4	22.7	1	322	97	54.7	199			
BECK'S	Beck 5246HR™*	213.6	22.1	0	327	92	217.1	21.0	1	311	89	176.6	24.4	0	340	94	202.4	22.5	0	326	92	59.3	196			
CHANNEL	202-32STX	212.3	19.8	0	347	98	217.5	18.9	11	346	93	170.4	21.4	0	378	98	200.1	20.0	4	357	96	57.1	199			
CHANNEL	207-13VT3P	230.0	21.4	0	321	95	229.7	20.7	4	307	90	185.7	25.2	2	332	93	215.2	22.4	2	320	93	57.0	197			
CHANNEL	211-99VT3P	220.4	21.5	0	329	99	211.9	19.8	6	331	92	180.2	26.6	2	359	98	204.2	22.7	3	340	96	56.8	197			
DEKALB	DKC57-50	212.0	22.0	0	328	95	220.9	20.6	2	328	92	196.1	25.8	0	352	97	209.7	22.8	1	336	94	55.8	199			
DEKALB	DKC61-88	228.2	20.5	0	340	97	234.1	20.8	3	345	94	166.1	27.5	1	379	99	209.5	22.9	1	355	97	56.3	198			
DEKALB	DKC62-09	234.4	21.3	1	322	97	228.8	20.9	1	329	94	181.7	25.4	0	353	99	215.0	22.5	1	335	97	55.9	199			
DEKALB	DKC62-54	223.2	22.2	1	319	98	233.5	21.5	1	330	93	182.6	25.3	1	359	99	213.1	23.0	1	336	97	57.1	196			
DEKALB	DKC62-97	231.6	22.1	0	315	98	230.2	21.4	0	334	95	175.0	26.1	1	359	99	212.3	23.2	0	336	97	56.2	197			
DYNA-GRO	D45Q50	227.7	20.3	0	314	93	234.1	19.5	2	312	87	191.8	23.1	0	345	95	217.9	20.9	1	324	92	56.2	198			
GARST	83R38-3000GT Brand	225.2	24.7	0	318	98	236.4	23.3	1	333	94	198.7	28.8	0	361	99	220.1	25.6	0	337	97	54.9	200			
GARST	85E98-3000GT Brand	225.6	20.6	0	334	95	231.1	21.0	2	337	93	204.7	25.1	0	360	97	220.5	22.2	1	344	95	57.3	199			
LG SEEDS	LG2529VT3Pro	222.1	19.6	0	315	97	228.1	19.8	2	314	90	174.3	24.3	0	327	95	208.2	21.2	1	319	94	55.0	198			
LG SEEDS	LG2549	238.0	20.2	0	323	99	230.4	19.4	1	320	96	189.6	24.3	0	335	98	219.3	21.3	0	326	98	54.7	199			
LG SEEDS	LG2549VT3	228.4	20.4	1	314	98	229.8	20.0	1	320	96	183.6	25.2	1	346	97	213.9	21.9	1	326	97	54.3	200			
LG SEEDS	LG2620	236.5	21.4	0	311	97	231.2	20.9	3	325	94	189.5	24.5	0	328	97	219.1	22.3	1	321	96	55.2	200			
LG SEEDS	LG2620VT3	242.9	21.2	1	317	98	233.7	20.7	1	331	95	186.2	24.5	0	354	100	221.0	22.1	1	334	98	54.9	199			
RUPP	XR 8034	233.0	19.8	1	322	97	221.0	19.9	0	312	91	197.3	23.1	0	336	93	217.1	20.9	0	323	94	55.8	199			
RUPP	XR 8239	216.0	19.6	2	315	95	230.3	19.3	15	312	89	172.2	22.1	2	333	90	206.2	20.3	6	320	91	57.0	197			
RUPP	XR 8414	201.9	18.8	1	328	95	225.9	18.6	2	342	96	174.6	21.9	1	347	97	200.8	19.8	1	339	96	57.9	196			
SEED CONSULTANTS	SCS 1070™	236.4	21.7	0	344	97	230.8	20.7	7	336	93	181.7	24.3	0	357	95	216.3	22.2	3	345	95	58.4	196			
SEED CONSULTANTS	SCS 10HQ02™	203.9	19.0	0	329	96	202.7	18.7	1	315	89	151.8	21.2	0	337	93	186.1	19.6	0	327	93	59.4	195			
SEED CONSULTANTS	SCS 10HQ70™	221.6	22.9	1	339	96	208.6	21.9	3	335	90	163.2	26.0	1	363	94	197.8	23.6	2	346	93	57.8	198			
SEED CONSULTANTS	SCS 10HR62™	213.9	20.7	1	325	93	201.9	20.6	8	322	88	168.1	23.9	1	340	90	194.6	21.7	3	329	90	58.0	200			
SEED CONSULTANTS	SCS 11HR02™	220.8	22.9	0	330	98	227.2	20.6	2	332	91	177.3	25.8	1	361	98	208.4	23.1	1	341	96	55.8	199			
SEED CONSULTANTS	SCS 11HR12™	225.2	22.7	0	346	99	215.6	22.1	4	341	93	173.9	26.8	3	378	98	204.9	23.8	2	355	97	58.5	200			
SEED CONSULTANTS	SCS 11HR21™	226.4	22.0	2	325	98	216.7	21.4	4	333	93	173.5	25.6	3	364	98	205.5	23.0	3	341	97	57.4	199			
STEWART SEEDS	6V556	218.7	21.6	1	327	96	228.4	19.6	11	326	92	176.0	24.6	0	345	94	207.7	21.9	4	333	94	56.5	195			
STEYER	10501	214.3	20.1	1	323	92	211.6	19.3	22	314	86	179.7	22.1	0	343	95	201.9	20.5	8	327	91	56.3	200			
T. A. SEEDS	TA545-20	220.0	19.3	0	312	94	224.0	19.1	1	303	88	185.3	23.2	0	332	91	209.8	20.5	0	315	91	56.9	197			
HIGH		245.0	24.7	2	347	99	236.4	23.3	22	346	96	204.7	28.8	3	379	100	222.4	25.6	8	357	98	59.4	200			
AVERAGE		225.1	21.0	0	322	96	223.6	20.3	4	324	92	180.4	24.7	1	348	96	209.7	22.0	2	331	95	56.5	198			
LOW		201.9	18.8	0	275	92	194.2	18.6	0	292	86	151.8	21.2	0	322	90	186.1	19.6	0	296	90	54.1	195			

**TABLE 9. Three year hybrid performance in NORTH CENTRAL AND NORTHEASTERN Ohio, 2010-2012.**

BRAND	HYBRID	BUCYRUS					BELOIT					SUMMARY					CHARACTERISTICS	
		YIELD	HARV		FINAL		YIELD	HARV		FINAL		YIELD	HARV		FINAL		TW	SILK
			MST	LDG	STD	EMG		MST	LDG	STD	EMG		MST	LDG	STD	EMG		
		BU/A	-----%-----		100/A	-----%-----	100/A	-----%-----		100/A	-----%-----	100/A	-----%-----		100/A	-----%-----		
AGRIGOLD HYBRIDS	A6384VT3Pro	225.0	18.3	1	317	97	164.8	21.9	0	335	96	194.9	20.1	1	326	97	55.0	197
AGRIGOLD HYBRIDS	A6458VT3	234.2	18.8	3	304	97	177.6	24.5	0	324	95	205.9	21.7	2	314	96	54.2	199
AGRIGOLD HYBRIDS	A6533VT3	235.9	20.8	11	317	98	175.9	24.3	0	338	97	205.9	22.6	6	327	97	54.5	198
DEKALB	DKC57-50	210.2	20.4	1	330	94	186.5	25.6	0	347	97	198.3	23.0	0	339	96	55.6	198
DEKALB	DKC62-54	228.5	21.0	1	320	98	178.0	24.7	0	343	97	203.2	22.9	1	332	97	57.3	197
DEKALB	DKC62-97	233.5	20.7	0	320	97	169.1	25.3	1	330	94	201.3	23.0	1	325	96	56.0	198
DYNA-GRO	D45Q50	218.1	18.5	0	320	93	176.3	22.8	0	340	94	197.2	20.7	0	330	94	55.3	198
GARST	83R38-3000GT Brand	225.2	23.3	2	326	97	200.7	28.9	0	352	97	212.9	26.1	1	339	97	54.8	200
GARST	85E98-3000GT Brand	219.6	19.2	1	343	96	189.2	24.9	0	357	95	204.4	22.0	1	350	95	56.9	199
LG SEEDS	LG2529VT3Pro	217.8	17.8	1	322	97	173.2	22.1	1	320	93	195.5	19.9	1	321	95	55.0	198
LG SEEDS	LG2549VT3	224.5	19.0	2	317	98	177.8	23.6	1	342	98	201.2	21.3	1	330	98	54.7	199
LG SEEDS	LG2620	230.5	20.3	0	316	97	174.1	23.2	0	328	96	202.3	21.7	0	322	97	55.5	200
LG SEEDS	LG2620VT3	234.6	20.5	2	328	99	175.9	23.5	0	340	98	205.3	22.0	1	334	98	54.9	199
RUPP	XR 8034	214.6	18.3	0	315	97	185.3	22.7	0	321	92	200.0	20.5	0	318	94	55.7	198
RUPP	XR 8239	212.9	18.4	3	304	94	166.9	21.3	1	320	90	189.9	19.9	2	312	92	57.3	197
RUPP	XR 8414	203.0	17.7	4	335	95	171.8	21.1	1	345	96	187.4	19.4	2	340	96	58.1	195
SEED CONSULTANTS	SCS 1070™	229.3	20.3	0	337	94	174.9	23.9	0	327	88	202.1	22.1	0	332	91	58.4	196
SEED CONSULTANTS	SCS 10HQ70™	212.8	21.0	1	333	93	164.6	25.3	0	345	90	188.7	23.1	1	339	91	58.1	197
SEED CONSULTANTS	SCS 11HR21™	228.3	20.7	2	329	97	166.0	25.2	2	347	96	197.1	23.0	2	338	96	57.5	199
T. A. SEEDS	TA545-20	216.5	18.0	1	322	95	184.6	22.9	0	327	92	200.6	20.4	0	324	94	56.4	197
HIGH		235.9	23.3	11	343	99	200.7	28.9	2	357	98	212.9	26.1	6	350	98	58.4	200
AVERAGE		222.7	19.6	2	323	96	176.7	23.9	0	336	95	199.7	21.8	1	330	95	56.1	198
LOW		203.0	17.7	0	304	93	164.6	21.1	0	320	88	187.4	19.4	0	312	91	54.2	195

**TABLE 10. Combined regional summary of hybrid performance, 2012.**

BRAND	HYBRID	WESTERN OHIO (7 SITES)							STATEWIDE ALL REGIONS (10 SITES)						
		YIELD	HARV STK			FINAL			YIELD	HARV STK			FINAL		
			MST	LDG	STD	EMG	TW	SILK		MST	LDG	STD	EMG	TW	SILK
BU/A	-----%	-----	100/A	--%--	LBS	DAY	BU/A	-----%	-----	100/A	--%--	LBS	DAY		
AGRIGOLD HYBRIDS	A6408VT3Pro	203.1	19.1	0	303	90	59.0	196	198.4	19.9	1	304	90	58.3	197
AGRIGOLD HYBRIDS	A6436VT3Pro	202.2	21.9	2	329	97	57.4	195	192.3	23.4	2	326	96	56.9	197
AGRIGOLD HYBRIDS	A6458VT3	216.0	19.9	1	319	94	55.7	195	210.1	21.4	1	318	94	55.0	197
AGRIGOLD HYBRIDS	A6517VT3Pro	232.6	21.3	0	316	97	55.3	196							
AGRIGOLD HYBRIDS	A6533VT3	222.4	20.8	0	329	97	56.3	195	211.5	22.1	0	329	96	55.6	197
CHANNEL	211-99VT3P	195.0	21.1	1	352	95	57.1	194	188.1	22.6	2	351	95	56.8	195
CHANNEL	212-09STX	188.7	22.9	0	331	95	56.5	198	185.1	23.9	0	329	95	55.8	199
DEKALB	DKC57-50	205.9	21.0	1	352	94	57.4	196	194.7	22.3	1	356	95	56.7	197
DEKALB	DKC57-76	203.9	22.1	0	323	90	56.9	194	195.6	23.1	0	321	90	56.3	195
DEKALB	DKC58-83	192.5	20.3	0	356	96	60.4	196	187.8	21.4	1	356	96	59.5	197
DEKALB	DKC61-06RIB	202.0	20.8	1	354	96	59.1	196	194.9	22.0	0	351	95	58.4	198
DEKALB	DKC61-17	207.4	21.9	0	330	93	56.3	195	196.9	23.0	0	325	91	55.9	196
DEKALB	DKC61-21RIB	202.0	21.7	1	363	97	56.7	199	195.6	22.9	1	359	96	55.8	200
DEKALB	DKC61-88	210.3	21.3	2	363	96	57.3	195	202.2	22.8	1	361	95	56.6	196
DEKALB	DKC62-09	216.6	20.5	0	358	96	57.9	197	207.3	21.9	0	357	96	57.0	198
DEKALB	DKC62-54	194.8	21.4	1	352	96	58.8	194	193.7	22.7	1	351	96	57.9	195
DEKALB	DKC62-97	200.4	22.0	0	347	96	56.9	194	195.6	23.4	0	347	96	56.4	195
DYNA-GRO	CX52VP91	215.0	22.3	0	367	96	58.8	193	206.0	23.6	1	370	96	58.1	195
DYNA-GRO	D49VP88	197.7	21.2	0	344	87	57.8	194							
DYNA-GRO	D51VP32	213.0	20.9	0	359	95	58.6	195	208.0	21.9	0	354	94	57.7	196
EBBERTS	1229C	189.3	20.6	1	321	91	59.7	196							
EBBERTS	1678C	189.0	20.6	2	344	93	60.0	197							
EBBERTS	1760C	211.4	19.6	1	363	96	57.0	197							
EBBERTS	6292VT2P	210.5	22.7	0	321	91	55.8	196							
EBBERTS	6587VT2P	195.7	21.0	1	331	93	57.1	195							
EBBERTS	7222VT3P	210.6	21.8	0	331	95	59.0	194							
EBBERTS	7358VT3P	191.0	20.3	0	349	95	57.2	194							
EBBERTS	7712VT3P	212.8	23.0	0	333	96	56.3	195							
EBBERTS	7861VT3P	207.1	23.0	1	347	96	54.8	197							
EBBERTS	7909VT3P	204.4	21.1	0	313	95	58.4	194							
EBBERTS	9307SS	200.3	19.8	0	323	93	59.8	194							
EBBERTS	9501SS	194.7	21.3	2	341	96	58.3	194							
G2 GENETICS	3D-811	200.7	22.1	0	319	91	59.2	195							
G2 GENETICS	3F-511	204.2	20.7	0	316	91	59.0	197							
G2 GENETICS	5H-1005	208.4	22.3	0	370	96	57.6	199							
GARST	83R38-3000GT Brand	222.4	24.0	1	342	97	55.4	198	214.9	25.6	1	343	97	54.9	199
GOLDEN HARVEST	H-8969-3122 Brand	203.7	20.4	0	344	96	57.7	196	199.3	21.9	0	337	95	56.7	197
GREAT LAKES	6232VT3Pro	226.7	21.4	0	329	97	55.1	197							
KEY	KEY 310Q	212.3	20.9	0	349	96	57.7	196							
KEY	KEY 909	186.4	21.0	2	308	88	59.5	196							
LG SEEDS	LG2549	217.3	19.4	1	351	97	56.4	196	211.2	20.8	1	348	97	55.5	197
LG SEEDS	LG2549VT3	221.2	19.6	0	343	97	55.9	196	213.4	21.2	1	343	97	55.1	197
LG SEEDS	LG2575VT3Pro	203.6	19.5	4	329	91	57.2	197	201.5	20.8	3	325	91	56.2	198
LG SEEDS	LG2620	215.6	20.7	1	347	97	57.0	196	211.4	21.6	1	343	97	56.1	197
LG SEEDS	LG2620VT3	226.4	21.1	1	352	97	56.1	195	215.8	21.8	1	350	97	55.5	197
NUTECH	5B-410	206.6	21.2	0	375	97	57.0	198							
NUTECH	5N-910	187.6	21.1	0	364	97	56.3	197							
PIONEER	P0210AM-R	197.9	18.7	1	346	93	59.5	194	190.3	19.6	5	346	93	58.8	195
PIONEER	P0993HR	210.2	21.4	0	359	94	55.5	195	201.5	22.8	1	358	94	54.9	196
PIONEER	P1184AMX-R	204.2	22.2	0	357	95	59.2	196	196.7	23.3	0	359	95	58.6	198
PIONEER	P1339XR	216.4	22.6	1	343	94	57.1	197	204.9	23.8	3	341	94	56.6	198
PIONEER	P1498HR	211.0	22.0	1	331	94	57.5	197	203.2	22.9	1	332	94	56.8	198
RUPP	XR 8217	200.6	21.3	1	348	94	58.3	195							
RUPP	XR D11-13	209.4	21.0	0	328	94	58.4	195							
SEED CONSULTANTS	SCS 1070™	199.3	21.0	0	360	94	60.0	194	198.1	21.8	2	360	94	59.4	194
SEED CONSULTANTS	SCS 1073AMX™	184.5	21.3	0	347	94	59.7	197	177.9	22.0	0	346	93	59.1	198
SEED CONSULTANTS	SCS 1081AMX-R™	189.5	22.0	0	337	91	59.9	195	185.8	23.0	0	338	91	59.2	195
SEED CONSULTANTS	SCS 10HQ70™	187.0	23.1	0	359	93	58.0	196	183.0	23.9	1	357	92	57.6	197
SEED CONSULTANTS	SCS 10HQ72™	192.4	20.3	0	366	96	60.3	196	187.7	21.1	0	367	95	59.6	197
SEED CONSULTANTS	SCS 11HR02™	195.9	21.6	1	364	97	57.2	196	192.3	22.9	1	362	96	56.5	197
SEED CONSULTANTS	SCS 11HR12™	207.8	21.8	1	372	96	59.5	196	197.8	23.3	1	367	96	58.7	198
SEED CONSULTANTS	SCS 11HR21™	207.4	21.3	0	356	96	58.9	198	197.2	22.4	0	355	95	58.1	198
SEED CONSULTANTS	SCS 11HR31™	211.9	24.4	4	377	96	57.6	202							
SPECTRUM PREMIUM	Spectrum 6104	208.4	20.3	0	353	96	57.0	198							
SPECTRUM PREMIUM	Spectrum 6204	192.4	20.7	2	371	97	57.5	200	181.5	21.9	1	363	96	56.6	201
STEWART SEEDS	7V747	199.3	21.8	0	323	92	56.1	194	198.4	23.5	0	321	92	55.5	195
STEYER	11102	187.4	23.1	3	326	92	58.4	197							
STEYER	10803 GENSSRIBC	199.3	19.9	1	334	94	59.9	193	190.1	21.1	2	331	93	58.8	195
STEYER	11004 GENSSRIBC	200.6	21.4	0	341	93	58.2	195							
STEYER	11203 3000GT	213.3	20.9	0	356	96	57.5	198							
STEYER	11302 VT3Pro	215.3	23.2	1	362	96	54.8	196							
STEYER	11406 RR	210.9	22.5	1	355	96	59.0	193							
WELLMAN SEEDS	W 2010R	193.4	20.1	3	319	91	58.3	194							
WELLMAN SEEDS	W 2111DP	198.5	21.5	1	321	90	58.2	196							
WELLMAN SEEDS	W 2310DP	212.7	20.9	0	320	95	58.4	194							
WELLMAN SEEDS	W 2313	214.7	22.2	1	336	96	59.0	194							
HIGH		232.6	24.4	4	377	97	60.4	202	215.8	25.6	5	370	97	59.6	201
AVERAGE		204.6	21.3	1	343	94	57.8	196	198.0	22.4	1	345	94	57.1	197
LOW		184.5	18.7	0	303	87	54.8	193	177.9	19.6	0	304	90	54.9	194
LSD .05		12.3	0.9	2	11	3	1.2	2	10.9	0.9	NS	10	2	0.9	2

**TABLE 11. Seed source, table location, technology traits, and fungicide and insecticide seed treatments for hybrids tested in 2012.**

BRAND	SEED SOURCE	HYBRID NO.	---TABLE NO.---	TECHNOLOGY TRAITS*	FUNGICIDE SEED TREATMENT	INSECTICIDE SEED TREATMENT/RATE
AGRIGOLD HYBRIDS	AGRIGOLD 5381 AKIN RD. ST. FRANCISVILLE, IL 62460 800-262-7333 agrigold.com	A6356VT3Pro	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6384VT3Pro	7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6389VT3Pro	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6408VT3Pro	1E, 4E, 7E, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6436VT3Pro	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6458VT3	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6476VT3Pro	1E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6517VT3Pro	1L, 4L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6533VT3	1L, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		A6573VT3Pro	1L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
BECK	BECK'S HYBRIDS 6767 E. 276TH ST. ATLANTA, IN 46031 800-937-2325 beckshybrids.com	Beck 5140HR™*	4E, 7E	RR,CB,LL	Escalate	Poncho 1250 / Votivo
		Beck 5246HR™*	4E, 7E	RR,CB,LL	Escalate	Poncho 1250 / Votivo
		Beck 5475AM™*	4E, 7E	RR,CB,LL	Escalate	Poncho 1250 / Votivo
		Beck 5509A3	1E	GT,CB,RW,LL	Escalate	Poncho 1250 / Votivo
		Beck 6077AM™*	1E	RR,CB,LL	Escalate	Poncho 1250 / Votivo
		Beck 6175AMX™*	1E	RR,CB,RW,LL	Escalate	Poncho 1250 / Votivo
		Beck 6272HR™*	1L	RR,CB,LL	Escalate	Poncho 1250 / Votivo
		Beck 6543HR™*	1L	RR,CB,LL	Escalate	Poncho 1250 / Votivo
		Phoenix 5385A3	4E	GT,CB,RW,LL	Escalate	Poncho 1250 / Votivo
		Phoenix 6442A4	1L	GT,CB,RW,LL	Escalate	Poncho 1250 / Votivo
		Phoenix 6948A3	1L	GT,CB,RW,LL	Escalate	Poncho 1250 / Votivo
		TM* - Distributed by Beck's Superior Hybrids, Inc.				
BIO GENE	BIO GENE 5477 TRI-COUNTY HWY. SARDINIA, OH 45171 888-862-3276 biogeneseeds.com	BG 780SS	1E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		BG 801A3	1E	GT,CB,RW,LL	Maxim XL	Cruiser 250
		BG 802V3	1E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		BG 811V3	1E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		BG 812V3	1E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		BG 813SS	1E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
CHANNEL	CHANNEL 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167 419-569-8591 channelbio.com	202-32STX	4E, 7E	RR,CB,RW,LL	Acceleron	Votivo
		207-13VT3P	4E, 7E	RR,CB,RW	Acceleron	Votivo
		210-94VT3P	4L, 7L	RR,CB,RW	Acceleron	Votivo
		211-99VT3P	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Votivo
		212-09STX	1L, 4L, 7L, 10	RR,CB,RW,LL	Acceleron	Votivo
		212-86STX	1L	RR,CB,RW,LL	Acceleron	Votivo
		214-14VT3P	1L	RR,CB,RW	Acceleron	Votivo
		215-52VT3P	1L	RR,CB,RW	Acceleron	Votivo
CHEMGRO SEEDS	CHEMGRO SEEDS P.O. BOX 218 EAST PETERSBURG, PA 17520 800-346-4769 chemgro.com	6337RVP	7E	RR,CB,RW	Acceleron	Poncho 250
		6837RVP	7E	RR,CB,RW	Acceleron	Poncho 250
		7038G3	7L	GT,CB,RW,LL	Cruiser MAXX	Cruiser 250
DAIRYLAND SEEDS	DAIRYLAND SEED P.O. BOX 958 WEST BEND, WI 53095 800-263-0163 dairylandseed.com	DS7311	4L	RR,CB,LL	Cruiser MAXX 250	
		DS-9210SSX	4L	RR,CB,RW,LL	Avicta Complete	
		DS9212Q	4L	RR,CB,RW,LL	Cruiser MAXX 250	
		DS9610	4L	GT,CB,RW,LL	Cruiser MAXX 250	
		DS9614Q	4L	RR,CB,RW,LL	Cruiser MAXX 250	
DEKALB	MONSANTO 800 N. LINDBERGH BLVD. ST. LOUIS, MO 63167 800-768-6387 asgrowanddekab.com	DKC52-04	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC53-45RIB	4E, 7E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		DKC53-78RIB	4E, 7E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		DKC57-50	1E, 4E, 7E, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC57-76	1E, 4E, 7E, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC58-83	1E, 4E, 7E, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC61-06RIB	1E, 4L, 7L, 10	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		DKC61-17	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC61-21RIB	1E, 4L, 7L, 10	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		DKC61-88	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC62-09	1L, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC62-54	1L, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC62-97	1L, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DKC63-84	1L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		DOEBLER'S	DOEBLER'S PA HYBRIDS INC. 202 TIADAGHTON AVE JERSEY SHORE, PA 17740 570-753-3210 doebler.com	555XY	7E	NON-GMO
594GRQ	4E, 7E			GT,CB,RW,LL	Maxim / Apron / Dynasty	Cruiser 250
RPM® 588AMX™	4E, 7E			RR,CB,RW,LL	Maxim / Apron / Dynasty	Poncho 1250 / Votivo
RPM® 609AM1™	4E, 7E			RR,CB,RW,LL	Maxim / Apron / Dynasty	Poncho 1250 / Votivo
RPM® 638AMX-R™	1E, 7L			RR,CB,RW,LL	Maxim / Apron / Dynasty	Poncho 1250 / Votivo
RPM® 647AM1™	1E			RR,CB,RW,LL	Maxim / Apron / Dynasty	Poncho 1250 / Votivo
RPM® 688AMX™	1L			RR,CB,RW,LL	Maxim / Apron / Dynasty	Poncho 1250 / Votivo
RPM® 743HXR™	1L			RR,CB,LL	Maxim / Apron / Dynasty	Poncho 1250 / Votivo
DYNA-GRO	DYNA-GRO 6221 RIVERSIDE DR. SUITE 1 DUBLIN, OH 43017 937-644-9467 dyna-groseed.com	CX52VP91	1L, 4L, 7L, 10	RR,CB,RW,LL	Acceleron	Poncho 250
		D45Q50	4E, 7E	GT,CB,RW,LL	Apron Maxx	Poncho 250
		D48VP76	4E, 7E	RR,CB,RW,LL	Acceleron	Poncho 250
		D49VP88	1E, 4L, 10	RR,CB,RW	Acceleron	Poncho 250
		D51VP32	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 250
		D51VP40	1E	RR,CB,RW	Acceleron	Poncho 250
		D54VP81	1L	RR,CB,RW	Acceleron	Poncho 250
EBBERTS	EBBERTS FIELD SEEDS, INC. 6840 N. St. Rt. 48 COVINGTON, OH 45318 888-802-5715 ebbertsseed.com	1229C	1E, 4L, 10	NON-GMO		Poncho 250
		1678C	1E, 4E, 10	NON-GMO		Poncho 250
		1760C	1E, 4L, 10	NON-GMO		Poncho 250
		6292VT2P	1L, 4L, 10	RR,CB		Poncho 250
		6587VT2P	1E, 4E, 10	RR,CB		Poncho 250
		7222VT3P	1L, 4L, 10	RR,CB,RW		Poncho 250
		7358VT3P	1E, 4E, 10	RR,CB,RW		Poncho 250
		7712VT3P	1L, 4L, 10	RR,CB,RW		Poncho 250
		7861VT3P	1E, 4L, 10	RR,CB,RW		Poncho 250
		7909VT3P	1E, 4L, 10	RR,CB,RW		Poncho 250
		9307SS	1E, 4E, 10	RR,CB,RW,LL		Poncho 250
		9501SS	1E, 4L, 10	RR,CB,RW,LL		Poncho 250

**TABLE 11 (con't). Seed source, table location, technology traits, and fungicide and insecticide seed treatments for hybrids tested in 2012.**

BRAND	SEED SOURCE	HYBRID NO.	---TABLE NO.---	TECHNOLOGY TRAITS*	FUNCICIDE SEED TREATMENT	INSECTICIDE SEED TREATMENT/RATE
G2 GENETICS	NUTECH SEED, LLC 2321 NORTH LOOP DRIVE SUITE 230 AMES, IA 50010 515-232-1997 yieldleader.com	3D-811	1E, 4L, 10	RR,CB,RW,LL	Maxim / Apron	Cruiser 250
		3D-909	4L	RR,CB,RW,LL	Maxim / Apron	Cruiser 250
		3F-511	1E, 4L, 10	RR,CB,LL	Maxim / Apron	Cruiser 250
		3F-515	1L	RR,CB,LL	Maxim / Apron	Cruiser 250
		5H-013	1L	RR,CB,LL	Maxim / Apron	Cruiser 250
		5H-0504	4E	RR,CB,LL	Maxim / Apron	Poncho 1250 / Votivo
		5H-1005	1E, 4L, 10	RR,CB,LL	Maxim / Apron	Poncho 1250 / Votivo
		5H-117	1L	RR,CB,LL	Maxim / Apron	Cruiser 250
		5H-309	4L	RR,CB,LL	Maxim / Apron	Poncho 1250 / Votivo
		5H-716	1L	RR,CB,LL	Maxim / Apron	Cruiser 250
		5H-806	4E	RR,CB,LL	Maxim / Apron	Poncho 1250 / Votivo
		5H-905	4E	RR,CB,LL	Maxim / Apron	Cruiser 250
		5X-214	1L	RR,CB,RW,LL	Maxim / Apron	Cruiser 250
		5X-812	1L	RR,CB,LL	Maxim / Apron	Cruiser 250
		5X-915	1L	RR,CB,RW,LL	Maxim / Apron	Poncho 1250 / Votivo
		5Z-1205	1L	RR,CB,RW,LL	Maxim / Apron	Poncho 1250 / Votivo
		5Z-407	4E	RR,CB,LL	Maxim / Apron	Poncho 1250 / Votivo
GARST	SYNGENTA 11055 WAYZATA BLVD. MINNETONKA, MN 55305 612-656-8600 syngenta.com	83R38-3000GT Brand	1L, 4L, 7L, 10	GT,CB,RW,LL		Cruiser 250
		84J30-3111 Brand	1L	GT,CB,RW,LL		Cruiser 250
		85E98-3000GT Brand	4E, 7E	GT,CB,RW,LL		Cruiser 250
GOLDEN HARVEST	SYNGENTA 11055 WAYZATA BLVD. MINNETONKA, MN 55305 612-656-8600 syngenta.com	H-8577-3000GT Brand	4E	GT,CB,RW,LL		Cruiser 250
		H-8969-3122 Brand	1E, 4L, 7L, 10	GT,CB,RW,LL		Cruiser 250
		H-9173-3111 Brand	7L	GT,CB,RW,LL		Cruiser 250
		H-9341-3000GT Brand	1L	GT,CB,RW,LL		Cruiser 250
GREAT LAKES HYBRIDS	GREAT LAKES HYBRIDS 9915 W. M21 OVID, MI 48866 800-257-SEED greatlakeshybrids.com	5368VT3Pro	7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		5785VT3Pro	7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		6087VT3Pro	4E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		6232VT3Pro	1L, 4L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		6354G3VT3	1L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
GRO-MOR	LUCKEY FARMERS, INC. 1200 W. MAIN ST. WOODVILLE, OH 43469 800-589-9711 luckeyfarmers.com	56G22	4E	GT		Cruiser 250
		61T10	4L	GT,CB,LL		Cruiser 250
KEY	AGRA SOLUTIONS 23778 DELPHOS JENNINGS RD. DELPHOS, OH 45833 888-695-5503 agrasolutions.com	KEY 305	4E	NON-GMO	Encase for CORN	Poncho 250
		KEY 306Q	4E	GT,CB,RW,LL	Encase for CORN	Poncho 250
		KEY 310Q	1E, 4L, 10	GT,CB,RW,LL	Encase for CORN	Poncho 250
		KEY 909	1E, 4L, 10	NON-GMO	Encase for CORN	Poncho 250
LG SEEDS	LG SEEDS 22827 SHISSLER RD. ELMWOOD, IL 61529 800-752-6847 lgseeds.com	LG2509	4E, 7E	NON-GMO	Acceleron	Poncho 504 / Votivo
		LG2529VT3Pro	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG2531	4E, 7E	NON-GMO	Acceleron	Poncho 503 / Votivo
		LG2531VT3Pro	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG2549	1E, 4L, 7L, 10	NON-GMO	Acceleron	Poncho 501 / Votivo
		LG2549VT3	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG2575VT3Pro	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG2602VT3Pro	4L, 7L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG2620	1L, 4L, 7L, 10	NON-GMO	Acceleron	Poncho 502 / Votivo
		LG2620VT3	1L, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG2636VT3Pro	1L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		LG5533VT3Pro	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		MYCOGEN SEEDS	MYCOGEN SEEDS 9330 ZIONSVILLE RD. INDIANAPOLIS, IN 49264 mycogen.com	2A787	1L	RR,CB,RW,LL
2H566	7E			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2H727	7L			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2P616	4E			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2P786	1L			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2R547	7E			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2V707	7L			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2V715	1E			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
2V779	1L			RR,CB,RW,LL	Apron / Dynasty / Maxim / Quattro	Cruiser 250 / Avicta
NK	SYNGENTA 1055 WAYZATA BLVD. MINNETONKA, MN 55305 612-656-8600 syngenta.com	N53W-3000GT Brand	4E	GT,CB,RW,LL		Cruiser 250
		N61P-3000GT Brand	7E	GT,CB,RW,LL		Cruiser 250
		N70J-4011 Brand	1L	GT,CB,RW,LL		Cruiser 250
		N72A-3111 Brand	4L, 7L	GT,CB,RW,LL		Cruiser 250
		N72Q-3111 Brand	1L	GT,CB,RW,LL		Cruiser 250
NUTECH	NUTECH SEED, LLC 2321 NORTH LOOP DRIVE SUITE 230 AMES, IA 50010 515-232-1997 yieldleader.com	5B-410	1E, 4L, 10	GT,CB,LL	Apron / Maxim	Cruiser 250
		5B-604	4E	GT,CB,LL	Apron / Maxim	Cruiser 250
		5N-517	1L	GT,CB,RW,LL	Apron / Maxim	Cruiser 250
		5N-910	1E, 4L, 10	GT,CB,RW,LL	Apron / Maxim	Cruiser 250
PIONEER	PIONEER HI-BRED INT'L 59 GREIF PARKWAY, SUITE 200 DELAWARE, OH 43015 740-657-6120 pioneer.com	P0210AM-R	1E, 4E, 7E, 10	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo
		P0993HR	1E, 4L, 7L, 10	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo
		P1184AMX-R	1E, 4L, 7L, 10	RR,CB,RW,LL	Maxim Quattro	Cruiser 250
		P1339XR	1L, 4L, 7L, 10	RR,CB,RW,LL	Maxim Quattro	Cruiser 250
		P1360HR	1L	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo
		P1498HR	1L, 4L, 7L, 10	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo

**TABLE 11 (con't). Seed source, table location, technology traits, and fungicide and insecticide seed treatments for hybrids tested in 2012.**

BRAND	SEED SOURCE	HYBRID NO.	---TABLE NO.---	TECHNOLOGY TRAITS*	FUNGICIDE SEED TREATMENT	INSECTICIDE SEED TREATMENT/RATE
RUPP	RUPP SEEDS, INC. 17919 CO. RD. B WAUSEON, OH 43567 877-591-7333 ruppseeds.com	XR 8034	4E, 7E	GT,CB,RW,LL	Maxim XL	Cruiser 250
		XR 8217	1E, 4L, 10	RR,CB,RW	Maxim XL	Acceleron 250
		XR 8239	4E, 7E	RR,CB,RW	Maxim XL	Acceleron 250
		XR 8264	7E	GT,CB,RW,LL	Maxim XL	Cruiser 250
		XR 8288	4E	GT,CB,RW,LL	Maxim XL	Cruiser 250
		XR 8414	4E, 7E	RR,CB,RW,LL	Maxim XL	Acceleron 250
		XR 8701	4E, 7E	RR,CB	Maxim XL	Acceleron 250
		XR D07-19	4E, 7E	RR,CB	Maxim XL	Acceleron 250
		XR D11-13	1L, 4L, 10	RR,CB	Maxim XL	Acceleron 250
		XR J07-20	4E, 7E	RR,CB,RW,LL	Maxim XL	Acceleron 250
SEED CONSULTANTS	SEED CONSULTANTS, INC. 648 MIAMI TRACE RD. SW WASHINGTON C. H., OH 43160 800-708-2676 seedconsultants.com	SCS 1070™	1E, 4E, 7E, 10	NON-GMO	Maxim Quattro	Poncho 1250 / Votivo
		SCS 1073AMX™	1E, 4E, 7E, 10	RR,CB,RW,LL	Maxim Quattro	Cruiser 250
		SCS 1081AMX-R™	1E, 4E, 7E, 10	RR,CB,RW,LL	Maxim Quattro	Cruiser 250
		SCS 10HQ02™	4E, 7E	RR,CB,RW,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 10HQ32™	4E, 7E	RR,CB,RW,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 10HQ70™	1E, 4E, 7E, 10	RR,CB,RW,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 10HQ72™	1E, 4E, 7E, 10	RR,CB,RW,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 10HR62™	4E, 7E	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 1132AMX-R™	1L	RR,CB,RW,LL	Maxim Quattro	Cruiser 250
		SCS 1138™	1L	NON-GMO	Maxim Quattro	Poncho 1250 / Votivo
		SCS 1138AM1™	1L	RR,CB,LL	Maxim Quattro	Cruiser 250
		SCS 11HQ42™	1L	RR,CB,RW,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 11HR02™	1E, 4L, 7L, 10	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo
		SCS 11HR12™	1E, 4L, 7L, 10	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo
SCS 11HR21™	1L, 4L, 7L, 10	RR,CB,LL	Maxim Quattro	Poncho 1250 / Votivo		
SCS 11HR31™	1L, 4L, 10	RR,CB,RW,LL	Maxim Quattro	Poncho 1250 / Votivo		
SELECT SEED	SELECT SEED 277 WEST ST. RT. 218 CAMDEN, IN 46917 574-686-2743 selectseed.com	4788VP	4L	RR,CB,RW	Acceleron	Poncho 250
		4809AQ	4L	RR,CB,RW,LL	Acceleron	Poncho 250
		4840VP	4E	RR,CB,RW	Acceleron	Poncho 250
		4984SM	4L	RR,CB,RW	Acceleron	Poncho 250
		5155VP	4L	RR,CB,RW	Acceleron	Poncho 250
		7424RR	4E	RR	Acceleron	Poncho 250
SPECTRUM PREMIUM GENETICS	SPECTRUM SEED SOLUTIONS P.O. BOX 271 DARLINTON, IN 47940 866-400-9468 spectrumseed.com	Spectrum 5324	4E	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 5418	4E, 7E	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 5606	4E, 7E	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 5889	4E, 7E	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 6104	1E, 4L, 10	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 6148	7L	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 6204	1L, 4L, 7L, 10	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 6215	1L	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 6354	1L	NON-GMO	Maxim Quattro	Cruiser 250
		Spectrum 6515	1L	NON-GMO	Maxim Quattro	Cruiser 250
STEWART	STEWART 2230 EAST CR 300 NORTH GREENSBURG, IN 47240 800-365-SEED stewartseeds.com	5A988RIB	4E, 7E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		6V487	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		6V556	4E, 7E	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		7V747	1E, 4L, 7L, 10	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		7V776	1L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
		8A228RIB	1L	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		8V446	1L	RR,CB,RW	Acceleron	Poncho 500 / Votivo
STEYER SEEDS	STEYER SEEDS 6154 N. CO. RD. 33 TIFFIN, OH 44883 800-231-4274 steyerseeds.com	10501	4E, 7E	NON-GMO	Maxim / Apron / Maxim / Quattro	Cruiser 250
		11102	1E, 4L, 10	NON-GMO	Maxim / Apron / Maxim / Quattro	Cruiser 250
		10202 3000GT	4E, 7E	RR,CB,RW,LL	Maxim / Apron / Maxim / Quattro	Cruiser 250
		10403 VT3PRO	4E, 7E	RR,CB,RW	Maxim / Apron / Maxim / Quattro	Cruiser 250
		10604 3000GT	4E, 7E	RR,CB,RW,LL	Maxim / Apron / Maxim / Quattro	Cruiser 250
		10702 VIP3111	4E, 7E	RR,CB,RW,LL	Maxim / Apron / Maxim / Quattro	Cruiser 250
		10803 GENSSRIBC	1E, 4E, 7E, 10	RR,CB,RW,LL	Maxim / Apron / Maxim / Quattro	Cruiser 250
		11004 GENSSRIBC	1E, 4L, 10	RR,CB,RW,LL	Maxim / Apron / Maxim / Quattro	Cruiser 250
		11203 3000GT	1L, 4L, 10	RR,CB,RW,LL	Maxim / Apron / Maxim / Quattro	Cruiser 250
		11302 VT3Pro	1L, 4L, 10	RR,CB,RW	Maxim / Apron / Maxim / Quattro	Cruiser 250
		11406 RR	1L, 4L, 10	RR	Maxim / Apron / Maxim / Quattro	Cruiser 250
		T.A. SEEDS	T.A. SEEDS P.O. BOX 300 AVIS, PA 17721 866-813-SEED taseeds.com	TA108-00	7E	NON-GMO
TA533-31	7E			GT,CB,RW,LL		Cruiser 250
TA545-20	7E			GT,CB,RW,LL		Cruiser 250
TA583-22DP	7E			RR,CB		Cruiser 250
TA617-20	7L			GT,CB,RW,LL		Cruiser 250
TA647-22DP	7L			RR,CB		Cruiser 250
TA683-22DP	7L			RR,CB		Cruiser 250
TA753-22DP	7L			RR,CB		Cruiser 250
UNITY SEEDS	UNITY SEEDS, LLC 3589 SAGAMORE PKWY N. Ste 280 LAFAYETTE, IN 47906 800-338-4558 unityseeds.com	4608 VT3P	4E	RR,CB,RW		Cruiser 250
		5507 SS	4E	RR,CB,RW,LL	Acceleron	
		5511 SS	4L	RR,CB,RW,LL	Acceleron	
		5512 SS	4L	RR,CB,RW,LL	Acceleron	
		7606 3000GT	4E	GT,CB,RW,LL		Cruiser 250
		7811 3000GT	4L	GT,CB,RW,LL		Cruiser 250
WELLMAN	WELLMAN SEEDS, INC. 23778 DELPHOS JENNINGS RD. DELPHOS, OH 45833 800-717-7333 wellmanseeds.com	W 2010R	1E, 4L, 10	RR	Encase for CORN	Poncho 250
		W 2111DP	1E, 4L, 10	RR,CB	Encase for CORN	Poncho 250
		W 2206SS	4E	RR,CB,RW,LL	Encase for CORN	Poncho 250
		W 2307DP	4E	RR,CB	Encase for CORN	Poncho 250
		W 2310DP	1E, 4L, 10	RR,CB	Encase for CORN	Poncho 250
		W 2313	1L, 4L, 10	NON-GMO	Encase for CORN	Poncho 250

\* CB - Corn Borer Resistance; RW - Corn Rootworm Resistance; RR, GT - Glyphosate Tolerant; LL - Liberty Link; NON-GMO - No Transgenic Traits