2018 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 2018, 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 111 days or earlier; the relative maturity of hybrid entries in the full season trial was 112 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 an Almaco Seed Pro 360 plot planter with SkyTrip GPS. 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 companies selected a final stand and percent overplant for each hybrid entered. Fertilizer, herbicides, insecticides and fungicides were applied according to recommended cultural practices for obtaining optimum grain yields. Details concerning the establishment and management of each 2018 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 seeds planted, and was reported as a percentage of the seeds planted.

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 0.10. Least Significant Differences at probability level 0.10 (LSD 0.10) 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 90% confident (i.e. the odds are 10:1) that the yield difference is real, with only a 10% 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 is really 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 10% probability level.

2018 GROWING CONDITIONS

Growing conditions were very favorable for corn production across most of Ohio in 2018. The growing season was characterized by well above average rainfall and heat unit accumulation (growing degree-days). Precipitation and heat unit accumulation were generally greater at OCPT sites in the SW/WC/C region (with rainfall ranging from 23.3 to 26.3 inches and heat unit accumulation ranging from 3270 to 3520 GDDs) than at sites in the NW and NC/NE regions. Moreover, rainfall was generally well distributed at these sites. The impact of dry conditions in July and August on crop performance at the Van Wert and Hoytville sites in NW Ohio and the Wooster and Beloit sites in NE/NC Ohio were mitigated by timely rains in late August and September. Due to the warm, wet conditions, foliar diseases (primarily gray leaf spot) and ear rots (primarily Gibberella and Diplodia ear rots) were present at nearly all tests. However, the severity of the disease pressure was variable and it was usually most pronounced for a limited number of hybrids. Stalk lodging was evident mostly in the NW and NE/NC test sites but negligible for most of the hybrids evaluated. Warm temperatures in August through mid-October promoted crop maturation and dry down but persistent rains in September through November slowed harvest.

Ohio Corn Performance Test Sites for 2018.

RESULTS

Results of the 2018 testing program are presented in Tables 1 to 10. The seed source and table location for hybrids tested in 2018 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.

Averaged across hybrid entries in the early and full season tests, yields were 273 Bu/A in the Southwestern/West Central/Central region, 238 Bu/A in the Northwestern region, and 242 Bu/A in the North Central/Northeastern region. Yields at individual test sites, averaged across hybrid entries in the early and full season tests, ranged from 203 Bu/A at Beloit to 285 Bu/A at Greenville. Performance data for Upper Sandusky in the NW region is not presented due to variable field conditions that resulted in erratic stands, uneven growth and inconsistent yields.

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 hybrids tested at six and nine locations in 2018 and Tables 2, 3, 5, 6, 8 and 9 provide multiple year performance data. 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 2018 and previous years are available online at: **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, 2018.

		Hebron					Washington Court House					South Charleston					Greenville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
AGRIGOLD HYBRIDS	A638-74VT2PRO	267.6	17.2	0	325	96	281.2	17.6	0	325	95	282.0	18.1	0	325	97	288.1	17.0	0	319	94	279.7	17.5	0	324	95	59.3
AGRIGOLD HYBRIDS	A639-40VT2RIB	254.8	15.8	0	330	98	285.6	16.8	0	332	98	278.6	17.5	0	333	100	280.3	16.3	1	332	98	274.8	16.6	0	332	98	56.2
AGRIGOLD HYBRIDS	A641-06VT2PRO	283.9	16.6	0	329	97	299.3	18.0	0	323	95	280.7	17.8	0	329	96	284.7	16.8	2	312	93	287.1	17.3	0	323	95	57.3
AGRIGOLD HYBRIDS	A641-78STXRIB	262.0	17.5	0	334	98	271.7	17.0	0	333	99	268.9	18.7	0	325	98	295.8	16.5	13	328	97	274.6	17.4	3	330	98	59.4
BA GENETICS	BA18-08	237.9	16.1	0	370	97	262.0	16.4	0	356	98	270.9	16.1	0	364	96	290.4	16.2	1	358	99	265.3	16.2	0	362	98	57.0
BA GENETICS	BA18-10	259.7	16.0	0	358	95	286.3	17.1	0	351	96	269.9	17.7	0	361	94	279.0	16.5	3	339	93	273.7	16.8	1	352	95	57.9
BA GENETICS	BA18-11	287.4	17.8	0	368	97	286.3	17.7	0	354	97	281.1	19.0	0	365	96	302.5	17.1	8	355	99	289.3	17.9	2	360	97	57.6
BA GENETICS	BA19-05	243.7	17.1	0	369	98	272.3	17.2	0	361	99	255.7	16.3	0	370	98	277.2	16.4	6	341	94	262.2	16.7	2	360	97	59.8
BA GENETICS	BA19-07	259.0	15.8	0	376	98	262.3	16.9	1	345	96	267.3	17.2	0	359	98	293.6	15.9	1	351	96	270.5	16.4	0	358	97	58.3
BA GENETICS	BA19-10	258.9	16.4	0	372	97	283.0	16.5	0	348	95	278.5	17.1	0	372	98	304.8	16.0	4	351	96	281.3	16.5	1	361	97	57.0
BRODBECK	9808	257.9	16.9	0	330	99	259.3	17.1	0	330	98	257.4	17.8	0	333	99	277.8	16.7	3	321	95	263.1	17.1	1	329	98	57.3
BRODBECK	46PW10E	240.4	17.4	0	324	97	256.9	17.6	0	329	98	257.3	18.5	0	333	98	262.5	16.9	1	329	97	254.3	17.6	0	329	97	57.2
BRODBECK	46RA09	255.5	17.4	0	332	98	274.2	17.7	0	328	98	251.6	18.5	0	320	97	273.2	16.5	2	328	98	263.6	17.5	1	327	98	57.3
BRODBECK	48PW09E	267.5	17.2	0	325	97	272.1	17.1	1	318	97	271.3	17.1	0	316	97	279.4	16.0	4	312	93	272.6	16.9	1	318	96	56.8
CHANNEL	209-15VT2PRIB	292.3	16.6	0	363	100	298.9	16.6	0	358	98	304.0	17.2	0	364	99	311.5	16.1	1	351	97	301.7	16.6	0	359	98	57.0
DEKALB	DKC55-84RIB	240.3	16.4	0	351	99	261.6	16.0	0	341	97	261.0	16.3	0	348	98	290.6	15.3	1	334	95	263.4	16.0	0	344	97	56.7
DEKALB	DKC57-97RIB	239.8	16.7	0	323	94	253.7	16.8	0	321	94	262.7	16.6	0	328	95	262.1	16.4	3	307	89	254.6	16.6	1	320	93	58.2
DEKALB	DKC61-54RIB	255.2	16.9	0	348	100	262.3	17.8	0	341	99	262.9	17.8	0	342	98	279.8	17.0	3	339	97	265.0	17.4	1	343	99	58.8
DOEBLER'S	RPM® 3518AM™	197.2	16.2	0	320	97	220.4	16.4	0	319	96	226.6	16.0	0	319	97	225.7	15.3	2	306	94	217.5	16.0	1	316	96	57.9
DOEBLER'S	RPM® 3618AMXT™	223.5	15.3	0	319	95	237.2	15.8	0	318	95	232.3	15.9	0	323	97	228.6	15.1	0	307	93	230.4	15.5	0	317	95	57.5
DOEBLER'S	RPM® 4018AMXT™	240.0	14.8	0	328	98	260.0	16.3	0	320	97	253.6	15.8	0	323	99	268.1	15.0	5	327	98	255.4	15.5	1	324	98	57.2
DOEBLER'S	RPM® 4219AM™	248.4	16.2	0	333	98	269.1	16.3	0	325	99	264.6	15.7	0	328	98	269.6	15.3	8	324	98	262.9	15.9	2	328	98	56.7
DOEBLER'S	RPM® 4318AMXT™	258.2	16.9	0	332	99	256.3	16.7	1	327	99	259.0	16.5	0	328	100	272.7	16.0	2	325	97	261.5	16.5	1	328	99	57.6
DOEBLER'S	RPM® 4417AMXT™	244.3	16.8	0	321	98	261.4	16.8	0	324	98	249.1	16.5	1	324	97	266.4	16.3	2	319	96	255.3	16.6	1	322	97	59.0
DOEBLER'S	RPM® 5018AM™	286.3	16.9	0	327	99	298.9	17.0	0	325	98	289.4	17.0	1	332	99	301.4	16.4	2	325	98	294.0	16.8	1	327	98	57.6
DYNA-GRO	D49VC70	263.8	16.6	0	368	96	280.9	17.1	0	370	98	275.8	17.4	0	358	95	283.8	16.0	3	358	94	276.1	16.8	1	363	96	58.2
DYNA-GRO	D51SS54	242.4	15.8	0	378	98	277.2	17.0	0	379	99	266.6	17.4	0	365	96	298.5	16.3	9	361	96	271.2	16.6	2	371	97	56.4
EBBERTS	6121VT2P RIB	282.0	17.7	0	368	96	275.5	17.3	2	358	96	279.6	18.6	0	364	98	293.4	17.0	35	358	96	282.6	17.7	9	362	97	57.4
EBBERTS	6138VT2P RIB	265.1	16.1	0	365	99	285.1	16.5	0	363	97	281.5	16.6	0	359	99	292.5	16.1	2	356	98	281.0	16.3	1	361	98	56.8
EBBERTS	6899VT2P RIB	275.1	17.4	0	374	97	270.2	17.7	2	363	98	276.7	18.3	0	363	98	286.5	16.6	18	368	96	277.1	17.5	5	367	97	59.5
FS INVISION	FS 57ZX1 RIB	261.3	16.2	0	352	97	268.7	16.8	0	356	98	261.2	17.1	0	354	98	280.7	15.6	0	347	93	268.0	16.4	0	352	96	58.3
FS INVISION	FS 58G00	250.8	16.0	0	342	95	227.0	17.2	0	339	93	264.9	16.5	0	347	94	284.3	14.9	6	327	89	256.8	16.2	1	339	93	54.4
FS INVISION	FS 58R49	265.2	17.6	0	352	97	270.5	17.3	0	355	98	273.8	17.0	0	354	98	277.1	16.4	11	345	93	271.6	17.1	3	351	97	56.7
FS INVISION	FS 59VL1 EZR	243.0	16.1	0	347	96	260.9	17.0	1	351	96	260.4	16.6	0	359	98	267.1	15.8	5	345	94	257.8	16.4	2	350	96	55.3
FS INVISION	FS 60UX1 RIB	272.2	17.0	0	359	99	278.5	17.9	0	348	96	276.2	18.3	0	343	96	290.3	16.7	6	341	93	279.3	17.5	2	348	96	58.9
GOLDEN HARVEST	G09Y24-3220A	249.0	17.3	0	332	97	265.3	17.2	1	324	97	268.1	18.1	0	325	96	267.6	16.8	2	325	93	262.5	17.4	1	327	96	56.9
GOLDEN HARVEST	G10T63-3120	271.4	17.2	1	333	98	271.7	17.5	1	325	96	272.0	18.3	0	321	97	295.6	16.5	66	321	93	277.7	17.4	17	325	96	57.8
LG SEEDS	LG 5548STXRIB	256.6	16.7	0	370	99	272.6	17.2	3	363	97	258.0	17.4	0	369	99	290.5	16.4	5	363	97	269.4	16.9	2	366	98	57.8
LG SEEDS	LG 5590VT2RIB	258.3	16.7	0	352	98	285.8	17.3	0	358	98	278.3	17.7	0	341	98	282.6	16.5	1	347	95	276.2	17.0	0	349	97	56.5
LG SEEDS	LG 5606STXRIB	279.3	17.0	0	365	98	281.5	17.2	0	361	98	272.7	19.1	0	345	98	289.8	16.6	8	355	94	280.8	17.5	2	357	97	59.5
LG SEEDS	LG 59C66VT2PRO	273.1	17.4	0	358	97	282.5	17.3	0	355	96	281.9	18.6	0	356	97	287.9	16.6	2	347	93	281.4	17.5	1	354	96	59.6
NK	NK0962-3220A	243.9	17.1	1	336	96	261.2	17.1	1	334	96	273.8	18.3	0	330	95	283.3	16.4	3	329	95	265.5	17.2	1	332	95	56.6
NUTECH/G2 GENETICS	5FB-1010™	266.5	17.1	0	337	99	285.2	17.8	0	332	98	288.1	17.7	0	337	99	289.9	16.9	6	324	97	282.4	17.4	1	332	98	57.1
NUTECH/G2 GENETICS	E5FN-A310	253.9	17.6	0	321	96	287.1	18.2	0	329	98	271.4	18.1	0	316	93	299.9	16.9	3	316	92	278.1	17.7	1	321	95	58.0
RUPP	XR D10-16	249.3	16.3	0	324	95	285.2	17.2	0	334	98	272.6	17.2	0	328	97	276.7	15.9	5	329	96	270.9	16.7	1	329	97	57.8
SEED CONSULTANTS	SC 10AGT59	222.6	16.7	0	305	97	234.8	17.0	0	307	97	252.5	16.8	0	308	98	259.1	16.2	3	310	95	242.3	16.7	1	308	97	58.6
SEED CONSULTANTS	SCS 1086YHR™	268.6	16.7	0	275	94	285.6	17.3	0	276	95	280.8	18.2	0	267	93	275.3	16.7	4	262	89	277.6	17.2	1	270	93	57.4
SEED CONSULTANTS	SCS 1087YHR™	273.7	16.9	0	310	99	301.6	17.1	0	307	97	276.2	17.0	0	305	98	304.1	16.5	1	303	97	288.9	16.9	0	306	97	58.0
SEED CONSULTANTS	SCS 1105YHR™	285.6	17.1	0	308	98	300.1	17.3	0	310	99	295.3	17.8	0	308	98	303.5	16.4	1	310	96	296.1	17.2	0	309	98	58.6
SEED GENETICS - DIRECT	SG 1079-3010	272.6	17.7	0	346	99	278.9	17.6	0	338	97	260.6	17.6	0	342	98	279.6	16.6	5	339	97	272.9	17.4	1	341	98	58.6
SEED GENETICS - DIRECT	SG 1098-3111	255.2	17.3	0	337	98	275.0	17.7	0	338	97	278.0	17.5	0	329	97	276.6	16.3	13	325	93	271.2	17.2	3	332	96	55.6
SEED GENETICS - DIRECT	SG 1109-3220	252.0	17.4	0	329	94	259.5	17.3	0	337	97	272.2	18.1	0	345	98	271.0	16.8	11	343	94	263.7	17.4	3	338	96	56.9
SEED GENETICS - DIRECT	SG 1118-3000	277.7	17.7	0	330	98	275.0	18.6	0	330	98	265.0	18.8	0	334	100	288.9	16.9	1	324	95	276.7	18.0	0	330	98	58.5
SHUR GROW	SG 677VT2PRIB	241.3	16.9	0	324	96	262.4	17.2	0	312	92	256.8	18.0	0	315	94	254.9	16.5	9	299	87	253.8	17.2	2	313	92	57.0
SHUR GROW	SG 688VT2PRIB	247.1	16.2	0	328	97	276.8	17.0	1	330	97	271.3	17.1	0	325	97	270.7	16.3	4	317	93	266.5	16.6	1	325	96	57.8
SHUR GROW	SG 716VT2PRIB	250.9	17.1	0	320	94	258.6	16.8	0	320	94	246.3	16.9	0	324	95	255.2	16.6	3	302	88	252.7	16.9	1	317	93	58.8
SHUR GROW	SG 723VT2PRIB	263.2	18.2	0	333	98	266.6	17.7	0	336	98	260.1	18.1	1	318	96	274.1	17.2	4	311	92	266.0	17.8	1	324	96	58.9
SHUR GROW	SG 727VT2PRIB	245.7	16.0	0	327	96	275.5	17.2	0	332	97	279.8	17.7	0	328	96	278.1	16.4	6	321	93	269.8	16.8	2	327	96	56.8
STEWART SEEDS	09SS409	267.9	16.2	0	359	98	277.8	16.9	0	354	97	279.3	16.8	0	359	97	288.9	16.0	3	345	95	278.5	16.5	1	354	97	57.2
STEWART SEEDS	10DP099	278.3	16.8	0	350	97	294.2	16.9	0	358	99	286.7	17.2	0	355	99	293.2	16.4	3	341	94	288.1	16.8	1	351	97	58.0
STEWART SEEDS	11SS718	276.1	17.9	0	361	99	277.2	18.4	0	354	99	278.8	19.5	0	354	97	290.5	17.2	6	354	97	280.7	18.3	1	356	98	57.9
VIKING	O.13-07	242.0	16.2	0	315	99	252.0	16.3	0	305	97	253.4	16.1	0	305	97	267.9	16.4	2	298	94	253.8	16.3	1	306	97	58.3
VIKING	O.48-08	235.6	15.6	0	306	98	229.9	16.4	0	302	98	262.1	16.8	0	299	96	269.8	16.1	0	293	93	249.4	16.2	0	300	96	54.2
WELLMAN SEEDS	W 2609DP	245.1	16.8	0	323	97	263.5	16.9	0	325	96	262.6	17.9	0	328	97	275.3	16.0	35	325	95	261.6	16.9	9	325	96	56.8
WELLMAN SEEDS	W 2705DP	241.1	16.6	0	321	93	252.4	16.5	0	310	93	269.7	16.2	0	327	95	266.0	15.9	9	307	90	257.3	16.3	2	316	93	59.1
WELLMAN SEEDS	W 2708	254.7	16.8	0	321	94	264.8	16.8	0	315	94	272.8	16.7	0	325	98	274.3	16.0	4	314	93	266.7	16.6	1	319	95	58.0
WELLMAN SEEDS	W 2807DP	218.4	15.8	0	318	93	254.5	16.7	0	312	93	249.4	16.5	0	319	94	256.7	15.8	0	311	91	244.8	16.2	0	315	93	57.2
WELLMAN SEEDS	W 2903DP	217.1	16.1	0	319	94	236.6	16.7	0	323	95	248.6	16.0	0	330	97	259.2	16.2	1	308	93	240.4	16.2	0	320	95	57.9
WELLMAN SEEDS	W 2911DP	242.6	16.1	0	318	94	278.1	17.2	0	325	95	273.5	17.2	0	316	95	271.6	16.2	4	312	93	266.4	16.7	1	318	94	58.0
High		292.3	18.2	1	378	100	301.6	18.6	3	379	99	304.0	19.5	1	372	100	311.5	17.2	66	368	99	301.7	18.3	17	371	99	59.8
Average		255.9	16.7	0	338	97	270.1	17.1	0	335	97	268.4	17.4	0	336	97	279.5	16.3	6	329	94	268.5	16.9	2	334	96	57.6
Low		197.2	14.8	0	275	93	220.4	15.8	0	276	92	226.6	15.7	0	267	93	225.7	14.9	0	262	87	217.5	15.5	0	270	92	54.2
LSD .10		12.5	0.6	NS	10	3	10.6	0.5	1	12	3	10.3	0.7	NS	11	3	12.3	0.4	10	12	4	9.4	0.4	NS	6	1	0.9

Soil Type	Luray Silty Clay Loam	Patton Silty Clay Loam	Kokomo Silt Loam	Crosby Silt Loam
Soil Test (pH,P,K)	6.4, 68, 236	6.3, 82, 338	5.8, 150, 382	6.8, 132, 330
Previous Crop	Corn	Soybeans	Soybeans	Wheat
Planting /Harvest Dates	May 8 / Oct. 14, 2018	May 8 / Oct. 5, 2018	May 15 / Oct. 10, 2018	May 9 / Oct. 23, 2018
Tillage	Minimum Till	Minimum Till	Minimum Till	Stale Seedbed
Fertilizer (N,P,K)	298, 26, 120, 36S	237, 169, 180	210, 49, 39	207, 26, 0
Fungicide	Yes	Yes	Yes	Yes
Cooperator	Parrish Farms	Sollars Farm	Joe Davlin, OARDC	Stump Farms
County	Licking	Fayette	Clark	Darke

TABLE 1L. Performance of hybrids in the full season trial. SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2018.

		Hebron					Washington Court House					South Charleston					Greenville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
AGRIGOLD HYBRIDS	A642-59VT2PRIB	270.7	18.0	0	356	98	272.2	18.0	0	360	98	276.4	18.8	0	351	98	279.2	17.0	14	348	97	274.6	18.0	4	354	98	57.5
AGRIGOLD HYBRIDS	A6544VT2PRIB	268.2	17.2	0	332	98	283.3	18.7	0	337	98	284.2	18.8	0	337	99	298.5	16.6	0	330	96	283.6	17.8	0	334	98	56.5
AGRIGOLD HYBRIDS	A6572VT2PRIB	279.7	18.7	0	345	99	274.1	18.8	1	337	98	287.6	20.2	0	337	99	290.7	17.9	4	338	96	283.0	18.9	1	339	98	59.6
AGRIGOLD HYBRIDS	A6579VT2PRIB	265.2	17.9	0	310	98	261.9	17.9	0	308	98	284.1	19.6	0	314	99	276.2	17.5	19	303	97	271.9	18.2	5	309	98	56.5
AGRIGOLD HYBRIDS	A6619VT2RIBD1	240.1	17.8	0	337	98	261.1	18.4	0	330	97	273.2	19.0	0	332	98	287.7	16.9	9	327	96	265.5	18.0	2	331	97	55.6
BA GENETICS	BA18-15	297.9	19.9	0	360	96	275.4	20.2	0	359	99	277.9	21.4	0	372	99	292.5	18.7	2	341	96	285.9	20.1	1	358	98	58.8
BA GENETICS	BA19-12	290.5	17.8	0	368	98	283.9	17.8	0	361	98	289.0	18.1	1	364	97	305.2	16.6	3	351	94	292.1	17.6	1	361	97	58.1
BA GENETICS	BA19-14	287.2	19.7	0	360	95	284.8	19.6	0	356	98	272.2	19.8	0	367	97	294.0	17.3	6	347	95	284.6	19.1	2	358	96	57.0
BA GENETICS	BA8484	274.7	17.9	0	347	96	283.3	18.0	0	352	98	272.4	18.9	0	352	97	296.0	16.9	1	338	96	281.6	17.9	0	348	97	59.2
BRODBECK	49PW12	261.9	18.6	0	337	99	261.4	17.3	0	336	98	270.9	18.4	0	341	99	273.1	17.2	0	336	101	266.8	17.9	0	337	99	56.5
BRODBECK	49PW14	261.3	18.8	0	328	98	270.4	19.6	0	334	100	266.1	20.0	0	329	98	282.8	18.0	3	332	99	270.2	19.1	1	331	99	55.2
BRODBECK	54RA14	267.7	18.5	0	324	96	265.6	18.2	0	327	96	264.3	19.3	0	311	92	267.8	17.0	0	311	92	266.4	18.2	0	318	94	56.8
CHANNEL	212-20VT2PRIB	281.0	18.0	0	359	98	278.2	18.2	0	359	99	270.7	18.4	0	360	99	284.8	16.9	1	351	95	278.7	17.9	0	357	98	58.7
CHANNEL	212-90STXRIB	258.9	17.4	0	350	97	271.3	18.3	1	352	99	270.4	18.9	0	354	98	282.7	17.4	7	356	98	270.8	18.0	2	353	98	57.5
CHANNEL	213-19VT2PRIB	281.1	17.9	0	359	98	273.9	18.3	0	355	99	280.8	19.3	0	355	97	291.8	17.5	1	346	95	281.9	18.3	0	354	97	58.4
CHANNEL	215-75VT2PRIB	280.7	19.7	0	352	97	280.2	18.5	0	356	99	286.4	20.2	0	368	99	305.7	16.4	4	356	98	288.2	18.7	1	358	98	57.0
CHANNEL	216-36DGVT2PRIB	277.0	18.7	0	352	97	274.8	18.4	0	356	98	280.3	19.3	0	351	98	290.3	17.3	4	346	95	280.6	18.4	1	351	97	58.2
CHANNEL	218-44STXRIB	261.9	18.1	0	345	95	258.2	19.1	0	346	95	272.6	21.1	0	356	98	287.2	17.7	1	346	93	270.0	19.0	0	348	95	58.2
DEKALB	DKC62-20RIB	262.0	16.0	0	338	98	267.3	16.2	0	336	98	277.2	17.1	0	334	99	296.9	16.0	6	345	98	275.8	16.3	1	338	98	57.2
DEKALB	DKC62-52RIB	276.0	16.5	0	345	100	266.3	17.2	0	342	98	289.1	18.0	0	342	97	300.3	16.0	1	347	98	282.9	16.9	0	344	98	56.9
DEKALB	DKC63-60RIB	265.9	17.6	0	342	99	267.1	18.6	1	346	99	273.2	19.3	0	337	100	286.0	17.6	21	333	96	273.0	18.3	5	339	98	59.0
DEKALB	DKC64-34RIB	268.8	17.6	0	334	96	265.0	18.4	0	345	98	292.0	19.3	0	341	97	298.2	17.1	2	323	92	281.0	18.1	1	336	96	57.7
DEKALB	DKC64-87RIB	272.2	17.7	0	339	99	257.7	17.8	0	337	97	277.5	19.0	0	350	99	294.5	16.6	10	339	98	275.5	17.8	3	342	98	58.0
DEKALB	DKC67-42RIB	284.5	18.1	0	337	97	262.8	19.2	1	339	98	287.0	20.3	0	334	97	298.6	17.3	31	330	95	283.2	18.7	8	335	97	58.7
DOEBLER'S	RPM® 5319AM™	279.3	18.5	0	316	96	254.0	19.3	0	319	96	280.1	19.1	0	319	97	277.4	15.9	0	323	97	272.7	18.2	0	319	97	58.8
DYNA-GRO	D52SS63	269.3	17.6	0	373	98	258.8	17.9	1	359	98	280.9	19.0	0	376	98	291.3	16.7	15	348	96	275.1	17.8	4	364	98	58.0
DYNA-GRO	D52VC15	287.7	17.6	0	379	100	293.8	17.8	0	350	96	287.2	18.0	0	367	96	304.6	16.7	1	351	95	293.3	17.5	0	362	97	58.4
DYNA-GRO	D54VC52	267.8	19.2	0	352	97	269.7	19.6	0	354	98	273.6	21.0	0	345	96	284.6	18.0	16	333	93	274.0	19.4	4	346	96	58.6
EBBERTS	6552VT2P RIB	288.5	17.9	0	358	96	288.9	17.5	0	356	96	291.2	17.7	0	361	98	292.9	16.7	1	342	90	290.4	17.5	0	354	95	58.2
EBBERTS	6643VT2P	289.7	19.6	0	360	98	268.7	18.8	0	354	95	285.5	21.3	0	368	99	298.9	18.7	2	352	95	285.7	19.6	1	358	96	59.0
EBBERTS	6933VT2P RIB	260.5	19.1	0	321	89	251.6	19.7	0	337	91	273.7	20.8	0	336	91	268.7	18.0	5	306	85	263.6	19.4	1	325	89	58.8
EBBERTS	9292SSX RIB	275.0	17.4	0	352	94	268.6	18.5	0	360	97	276.3	20.3	0	368	99	293.8	17.0	5	343	92	278.4	18.3	1	356	96	59.7
FS INVISION	FS 62ZX1 RIB	262.8	18.0	0	355	98	259.5	17.9	0	355	98	277.4	19.0	0	358	98	291.4	16.8	11	348	96	272.8	17.9	3	354	97	58.3
FS INVISION	FS 63ZV1 RIB	259.3	18.1	0	343	96	263.7	18.8	1	354	97	277.7	18.8	0	346	96	296.0	17.4	1	354	98	274.2	18.3	1	349	96	60.0
FS INVISION	FS 64SV1 RIB	285.9	17.8	0	359	99	269.6	18.3	0	355	98	283.9	19.3	0	356	98	298.9	17.0	12	347	95	284.6	18.1	3	354	97	56.6
GOLDEN HARVEST	G12W66-3220	239.3	17.4	0	323	95	256.3	18.4	0	332	98	254.6	17.9	0	337	99	279.4	17.0	2	320	95	257.4	17.7	0	328	97	58.2
GOLDEN HARVEST	G13Z50-3110	276.0	17.6	0	330	97	267.6	17.7	0	336	98	273.0	18.8	0	319	97	290.0	16.9	5	337	97	276.7	17.7	1	330	97	56.2
LG SEEDS	LG 5643VT2RIB	276.7	17.7	0	352	97	297.7	18.5	0	363	99	292.6	19.3	0	354	97	302.7	17.1	1	358	98	292.4	18.1	0	357	98	56.8
LG SEEDS	LG 5650VT2RIB	293.3	19.1	0	374	98	282.6	19.2	0	368	98	282.4	20.1	0	377	100	290.2	17.6	34	368	96	287.1	19.0	9	372	98	59.8
LG SEEDS	LG 62C02VT2PRO	289.1	17.4	0	376	99	281.9	16.9	3	379	99	296.9	17.6	0	358	98	306.6	16.4	2	370	100	293.6	17.1	1	371	99	58.0
NK	NK1284-3220	249.0	17.9	0	336	98	258.9	18.3	0	339	97	260.3	17.9	0	342	98	287.1	17.1	2	346	96	263.8	17.8	0	341	97	58.1
NK	NK1354-3110	271.6	17.2	0	325	96	282.6	17.8	0	334	97	265.2	18.5	0	321	97	282.3	16.8	5	320	95	275.4	17.6	1	325	96	56.3
NK	NK1452-3122	250.1	18.5	0	328	94	256.3	20.3	0	334	96	245.9	21.2	0	330	96	264.5	17.7	0	337	96	254.2	19.4	0	332	96	57.0
NUTECH/G2 GENETICS	5FB-6313™	255.8	16.7	0	319	93	266.0	17.8	0	321	95	277.3	18.8	0	327	96	297.8	17.3	2	330	96	274.2	17.6	0	324	95	56.4
NUTECH/G2 GENETICS	5NN-8812™	261.0	18.1	0	310	92	263.9	18.3	0	319	94	263.7	18.9	0	315	93	276.9	17.4	3	303	88	266.4	18.2	1	312	92	58.4
NUTECH/G2 GENETICS	E5FN-A213	287.4	19.2	0	330	98	258.1	19.2	0	333	98	278.6	19.2	0	330	97	287.4	16.6	1	329	97	277.9	18.5	0	331	98	58.8
RUPP	XR D12-49	272.0	17.6	0	333	99	267.2	18.3	0	333	99	278.0	18.4	0	332	100	295.5	17.1	25	332	97	278.2	17.8	6	332	99	57.4
SEED CONSULTANTS	SCS 1125YHR™	244.3	16.9	0	268	96	261.5	18.6	0	276	98	268.0	18.4	0	276	99	284.0	16.6	1	265	96	264.4	17.6	0	271	97	56.9
SEED CONSULTANTS	SCS 1136YHR™	277.2	18.4	0	288	97	283.1	19.1	0	288	98	276.3	20.1	0	284	99	286.2	17.5	3	261	91	280.7	18.8	1	280	96	58.7
SEED CONSULTANTS	SCS 1158YHR™	282.4	18.4	0	305	96	254.2	18.6	0	311	99	280.4	19.5	0	307	98	280.7	17.4	1	299	95	274.4	18.5	0	306	97	57.6
SEED CONSULTANTS	SCS 1168YHR™	290.6	19.1	1	302	96	257.1	19.3	0	308	98	287.0	20.0	2	306	97	295.4	17.8	16	299	94	282.5	19.0	5	304	96	57.9
SEED GENETICS - DIRECT	SG 1146-3010	268.6	20.6	0	328	97	259.0	19.5	0	323	95	249.2	21.3	0	330	95	272.7	18.0	2	311	92	262.4	19.8	1	323	95	56.4
SEED GENETICS - DIRECT	SG 1149	273.5	17.9	0	327	99	283.9	17.9	0	332	99	272.9	18.9	0	323	99	297.3	17.4	6	321	96	281.9	18.0	1	326	98	56.0
SEED GENETICS - DIRECT	SG 1169-3220	259.2	20.7	0	323	96	256.7	21.3	0	330	98	236.7	22.4	0	330	99	284.4	19.5	3	316	94	259.2	21.0	1	325	97	55.8
SHUR GROW	SG 748SSRIB	268.8	17.8	0	337	98	255.9	17.8	0	334	98	269.2	18.8	0	329	97	281.4	16.8	18	325	95	268.8	17.8	5	331	97	58.0
STEWART SEEDS	12DP209	270.2	16.8	0	352	98	292.1	16.7	0	350	97	286.2	17.5	0	358	98	302.2	16.0	4	348	95	287.7	16.8	1	352	97	55.9
STEWART SEEDS	14DD339	280.3	17.9	0	348	97	276.3	17.2	0	345	95	292.8	18.5	0	355	97	303.3	17.3	2	354	96	288.2	17.7	1	350	96	57.1
STEWART SEEDS	17DP387	289.4	21.1	0	345	96	275.1	19.9	0	363	100	275.9	21.1	0	351	98	297.6	17.9	7	351	97	284.5	20.0	2	352	98	58.5
STEWART SEEDS	8E623RIB	293.2	17.8	0	360	98	280.7	16.9	2	348	97	301.5	18.9	0	368	100	293.2	16.7	10	351	97	292.1	17.6	3	357	98	56.9
WELLMAN SEEDS	W 2812DP	267.5	17.7	0	334	98	259.1	18.4	0	329	98	268.6	18.5	0	336	100	282.7	16.9	9	337	98	269.5	17.9	2	334	98	57.5
High		297.9	21.1	1	379	100	297.7	21.3	3	379	100	301.5	22.4	2	377	100	306.6	19.5	34	370	101	293.6	21.0	9	372	99	60.0
Average		272.5	18.2	0	340	97	269.7	18.4	0	341	97	276.6	19.3	0	341	98	289.7	17.2	6	334	95	277.1	18.3	2	339	97	57.7
Low		239.3	16.0	0	268	89	251.6	16.2	0	276	91	236.7	17.1	0	276	91	264.5	15.9	0	261	85	254.2	16.3	0	271	89	55.2
LSD .10		12.8	0.8	NS	11	3	14.6	0.7	1	11	3	9.1	0.6	1	9	2	12.1	0.5	13	14	4	9.3	0.6	NS	7	2	1.0

	Hebron	Washington Court House	South Charleston	Greenville
Soil Type	Luray Silty Clay Loam	Patton Silty Clay Loam	Kokomo Silt Loam	Crosby Silt Loam
Soil Test (pH,P,K)	6.4, 68, 236	6.3, 82, 338	5.8, 150, 382	6.8, 132, 330
Previous Crop	Corn	Soybeans	Soybeans	Wheat
Planting /Harvest Dates	May 8 / Oct. 14, 2018	May 8 / Oct. 5, 2018	May 15 / Oct. 10, 2018	May 9 / Oct. 23, 2018
Tillage	Minimum Till	Minimum Till	Minimum Till	Stale Seedbed
Fertilizer (N,P,K)	298, 26, 120, 36S	237, 169, 180	210, 49, 39	207, 26, 0
Fungicide	Yes	Yes	Yes	Yes
Cooperator	Parrish Farms	Sollars Farm	Joe Davlin, OARDC	Stump Farms
County	Licking	Fayette	Clark	Darke

TABLE 2. Two year hybrid performance in SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2017-2018.

		Hebron					South Charleston					Greenville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
AGRIGOLD HYBRIDS	A639-40VT2RIB	270.6	18.2	0	332	98	272.5	18.2	0	333	97	281.4	19.4	1	330	97	274.8	18.6	0	332	97	55.3
AGRIGOLD HYBRIDS	A6572VT2PRIB	290.1	20.6	0	358	99	262.8	20.0	0	347	97	285.3	20.0	2	352	97	279.4	20.2	1	352	98	58.7
AGRIGOLD HYBRIDS	A6579VT2PRIB	281.3	20.5	0	308	98	258.2	20.3	0	307	98	279.3	19.8	10	303	98	272.9	20.2	3	306	98	54.9
BA GENETICS	BA18-08	262.5	17.8	0	355	97	258.8	15.9	0	352	97	279.0	17.9	1	347	98	266.8	17.2	0	351	97	56.7
BA GENETICS	BA18-10	270.7	17.4	0	352	97	263.4	18.0	0	345	94	283.8	19.0	2	339	95	272.7	18.1	1	345	95	57.3
BA GENETICS	BA18-11	288.5	19.7	0	350	97	269.7	19.6	0	343	95	290.0	19.7	4	341	98	282.7	19.7	1	344	97	56.6
BA GENETICS	BA18-15	291.5	21.6	0	345	96	258.6	21.7	0	338	93	274.6	21.4	1	327	93	274.9	21.6	0	336	94	57.5
BA GENETICS	BA8484	285.7	19.7	0	338	97	261.8	19.2	0	337	96	293.9	19.1	1	335	97	280.5	19.3	0	337	97	58.3
CHANNEL	209-15VT2PRIB	297.7	18.8	0	362	99	286.7	17.5	0	363	98	299.2	18.7	1	356	97	294.5	18.3	0	360	98	56.6
CHANNEL	213-19VT2PRIB	282.6	20.1	0	359	97	263.1	19.8	0	350	94	289.2	20.4	1	354	97	278.3	20.1	0	354	96	57.1
CHANNEL	216-36DGVT2PRIB	281.3	20.9	0	357	97	266.9	20.0	0	356	97	288.8	20.0	2	354	96	279.0	20.3	1	356	97	57.2
DEKALB	DKC57-97RIB	261.2	17.8	0	341	95	256.6	17.3	0	336	94	259.8	18.6	1	335	93	259.2	17.9	0	337	94	57.3
DEKALB	DKC61-54RIB	266.1	18.6	0	355	99	259.3	18.3	0	358	98	277.6	19.4	2	354	98	267.7	18.7	1	356	98	57.9
DEKALB	DKC62-20RIB	272.3	18.7	0	352	98	261.0	17.9	0	346	98	292.9	18.8	3	354	98	275.4	18.5	1	351	98	56.3
DEKALB	DKC63-60RIB	276.9	20.0	0	353	98	260.6	19.3	0	347	98	293.0	19.9	11	345	96	276.8	19.8	4	348	97	57.7
DEKALB	DKC64-34RIB	287.9	20.1	0	347	97	280.2	20.0	0	349	96	299.9	19.7	1	338	92	289.3	20.0	0	345	95	56.9
DEKALB	DKC64-87RIB	281.9	19.4	0	354	99	261.3	19.6	0	354	98	292.8	19.2	5	352	98	278.7	19.4	2	354	98	56.7
DYNA-GRO	D51SS54	265.5	18.5	0	383	98	272.3	18.5	1	374	96	297.2	18.8	5	370	96	278.3	18.6	2	376	97	55.9
DYNA-GRO	D54VC52	280.4	20.8	0	345	94	260.1	21.0	0	330	91	269.8	20.0	8	325	89	270.1	20.6	3	333	91	57.7
EBBERTS	6933VT2P RIB	274.9	21.1	0	341	92	255.5	21.0	0	339	91	267.2	19.8	3	328	89	265.9	20.6	1	336	90	57.9
EBBERTS	6121VT2P RIB	291.5	20.1	0	370	97	266.4	19.6	0	359	95	290.0	19.7	17	357	95	282.7	19.8	6	362	96	56.3
EBBERTS	9292SSX RIB	284.9	19.3	0	362	96	251.7	19.6	0	364	97	285.3	19.3	2	359	95	273.9	19.4	1	362	96	58.7
FS INVISION	FS 59VL1 EZR	257.4	18.2	0	340	97	256.4	16.8	0	335	94	267.4	18.7	2	328	92	260.4	17.9	1	334	94	54.6
GOLDEN HARVEST	G10T63-3120	280.9	19.6	0	336	97	263.6	18.4	1	326	96	292.0	18.8	33	331	96	278.8	19.0	11	331	96	57.2
LG SEEDS	LG 5548STXRIB	267.6	19.0	0	367	99	261.9	18.7	0	367	98	289.8	19.6	3	361	97	273.1	19.1	1	365	98	56.3
LG SEEDS	LG 5643VT2RIB	289.4	19.8	0	355	98	282.3	19.5	0	353	98	302.2	18.8	1	356	99	291.3	19.4	0	355	98	56.4
LG SEEDS	LG 5650VT2RIB	292.2	20.7	0	372	98	265.6	20.2	0	364	96	278.0	19.6	17	365	96	278.6	20.1	6	367	97	59.0
NUTECH/G2 GENETICS	5FB-1010™	279.6	18.7	0	336	98	265.9	18.2	0	323	94	278.2	18.4	3	328	97	274.6	18.4	1	329	96	57.0
RUPP	XR D12-49	277.0	19.6	0	333	97	262.5	19.1	0	330	97	286.5	19.6	14	335	97	275.4	19.4	5	333	97	56.1
SEED CONSULTANTS	SCS 1087YHR™	283.1	18.5	0	310	97	267.7	16.6	1	313	97	292.0	18.1	0	312	96	281.0	17.8	0	311	97	57.3
SEED CONSULTANTS	SCS 1125YHR™	277.2	19.4	0	289	97	247.9	18.9	0	285	96	282.5	18.7	1	287	96	269.2	19.0	0	287	96	56.2
SEED CONSULTANTS	SCS 1136YHR™	289.7	20.1	0	302	99	270.6	20.3	0	291	97	275.2	19.8	1	287	95	278.5	20.1	0	294	97	57.6
SEED CONSULTANTS	SCS 1158YHR™	277.9	21.3	0	321	98	254.4	20.0	0	319	97	286.0	20.3	1	317	96	272.8	20.5	0	319	97	56.1
SEED CONSULTANTS	SCS 1168YHR™	287.4	21.4	0	303	94	264.7	20.9	1	303	93	290.4	20.1	8	309	95	280.8	20.8	3	305	94	56.5
SHUR GROW	SG 716VT2PRIB	258.0	19.1	0	342	96	245.6	16.6	1	339	94	247.4	17.1	2	325	91	250.3	17.6	1	335	94	58.1
SHUR GROW	SG 723VT2PRIB	264.1	19.8	0	342	96	243.5	18.0	0	336	95	273.4	19.5	2	328	93	260.3	19.1	1	335	95	57.9
SHUR GROW	SG 727VT2PRIB	261.2	18.2	0	332	96	263.1	17.3	1	327	95	269.4	18.2	3	317	91	264.6	17.9	1	325	94	56.4
SHUR GROW	SG 748SSRIB	276.3	19.6	0	340	98	259.9	19.2	0	339	98	282.7	19.4	9	338	96	273.0	19.4	3	339	97	56.6
STEWART SEEDS	8E623RIB	297.0	19.9	0	369	99	277.4	19.1	0	365	98	295.5	19.2	6	356	97	290.0	19.4	2	363	98	55.7
WELLMAN SEEDS	W 2609DP	254.2	18.4	0	324	96	255.7	18.0	0	323	94	267.6	18.3	18	326	94	259.1	18.3	6	324	95	56.5
WELLMAN SEEDS	W 2705DP	255.8	17.3	0	330	96	256.1	16.0	0	324	94	264.7	17.2	4	319	93	258.9	16.9	1	324	94	58.8
WELLMAN SEEDS	W 2708	266.5	18.4	0	329	96	265.8	17.3	0	325	95	274.7	17.8	2	323	95	269.0	17.8	1	326	95	57.5
WELLMAN SEEDS	W 2807DP	253.5	17.1	0	330	95	240.6	16.1	0	308	91	268.2	17.6	0	318	92	254.1	16.9	0	319	93	57.5
WELLMAN SEEDS	W 2812DP	278.4	20.3	0	339	98	257.2	19.4	0	326	95	279.6	18.7	4	338	98	271.7	19.5	2	334	97	56.3
High		297.7	21.6	0	383	99	286.7	21.7	1	374	98	302.2	21.4	33	370	99	294.5	21.6	11	376	98	59.0
Average		276.6	19.4	0	342	97	262.2	18.8	0	337	96	282.1	19.1	5	335	95	273.6	19.1	2	338	96	57.0
Low		253.5	17.1	0	289	92	240.6	15.9	0	285	91	247.4	17.1	0	287	89	250.3	16.9	0	287	90	54.6

TABLE 3. Three year hybrid performance in SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2016-2018.

		Hebron					South Charleston					Greenville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
AGRIGOLD HYBRIDS	A6572VT2PRIB	284.3	21.1	0	351	99	260.1	20.2	0	343	97	270.4	20.4	2	338	95	271.6	20.6	1	344	97	58.2
CHANNEL	213-19VT2PRIB	277.3	21.3	0	357	97	258.0	20.4	0	349	94	272.1	21.1	1	339	93	269.1	20.9	0	348	95	56.3
CHANNEL	216-36DGVT2PRIB	280.3	21.8	0	360	98	267.5	20.4	0	359	98	272.0	21.0	1	339	93	273.2	21.1	0	353	96	56.3
DEKALB	DKC61-54RIB	259.2	19.8	0	355	99	253.2	18.8	0	358	98	262.5	19.5	1	345	95	258.3	19.4	0	353	97	57.2
DEKALB	DKC63-60RIB	270.8	21.6	0	353	98	257.1	20.0	0	353	98	269.4	20.4	7	343	95	265.8	20.6	2	350	97	56.9
DEKALB	DKC64-87RIB	265.3	21.2	0	357	99	258.5	19.9	0	353	98	263.6	19.8	3	336	94	262.5	20.3	1	349	97	55.7
DYNA-GRO	D51SS54	262.0	20.2	0	377	98	262.7	19.3	0	373	97	273.6	19.1	3	362	94	266.1	19.6	1	370	96	55.1
DYNA-GRO	D54VC52	277.5	22.7	0	342	93	257.9	21.1	1	335	92	259.6	21.0	5	324	89	265.0	21.6	2	333	91	56.7
EBBERTS	6933VT2P RIB	269.4	22.2	0	336	91	248.9	21.6	0	339	91	255.9	20.2	2	320	87	258.1	21.3	1	332	90	57.0
EBBERTS	9292SSX RIB	280.9	20.4	0	361	97	252.8	19.7	0	363	98	262.9	20.0	2	344	92	265.5	20.0	1	356	96	57.5
LG SEEDS	LG 5548STXRIB	258.2	20.3	0	355	99	253.6	19.1	0	355	99	270.1	19.8	2	345	96	260.6	19.7	1	352	98	55.5
SEED CONSULTANTS	SCS 1125YHR™	279.3	20.0	0	301	98	247.9	18.9	4	301	97	261.9	19.3	1	290	94	263.0	19.4	2	298	96	55.8
SHUR GROW	SG 716VT2PRIB	257.1	19.9	0	343	95	235.2	17.2	1	342	95	233.8	17.3	1	325	90	242.0	18.1	1	337	93	57.6
SHUR GROW	SG 723VT2PRIB	261.9	20.8	0	347	96	241.2	18.4	0	342	96	251.9	19.5	1	331	92	251.7	19.6	1	340	95	57.3
WELLMAN SEEDS	W 2609DP	253.4	19.6	0	316	94	249.2	18.2	0	322	94	252.9	18.4	12	316	92	251.8	18.7	4	318	93	55.8
WELLMAN SEEDS	W 2705DP	254.6	18.1	0	330	96	247.5	15.9	0	327	95	249.8	17.1	3	318	92	250.7	17.1	1	325	94	58.4
WELLMAN SEEDS	W 2708	262.7	19.3	0	328	96	258.2	17.7	0	324	95	258.4	18.2	1	311	92	259.8	18.4	1	321	94	57.0
High		284.3	22.7	0	377	99	267.5	21.6	4	373	99	273.6	21.1	12	362	96	273.2	21.6	4	370	98	58.4
Average		267.9	20.6	0	345	97	253.5	19.2	0	344	96	261.2	19.5	3	331	93	260.9	19.8	1	340	95	56.7
Low		253.4	18.1	0	301	91	235.2	15.9	0	301	91	233.8	17.1	1	290	87	242.0	17.1	0	298	90	55.1

Table 4E. Performance of hybrids in the early maturity trial. NORTHWESTERN Ohio, 2018.

		Van Wert					Hoytville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
BA GENETICS	BA18-08	269.0	16.4	3	358	98	219.3	16.9	3	331	92	244.2	16.7	3	344	95	56.7
BA GENETICS	BA19-05	252.6	17.1	1	356	98	230.8	17.6	7	334	92	241.7	17.3	4	345	95	60.7
BA GENETICS	BA19-07	252.6	16.3	0	348	98	219.4	17.2	5	342	94	236.0	16.8	2	345	96	59.1
CHANNEL	204-74VT2PRIB	252.8	16.7	6	355	98	216.6	16.9	2	322	89	234.7	16.8	4	339	93	58.4
CHANNEL	206-11VT2PRIB	259.4	16.6	1	361	98	238.2	16.2	0	344	95	248.8	16.4	1	352	96	56.8
CHANNEL	207-27STXRIB	256.3	16.9	2	359	99	233.9	18.3	1	349	95	245.1	17.6	1	354	97	57.2
DAIRYLAND	DS-9508RA	248.8	16.9	0	328	98	222.0	17.7	3	316	96	235.4	17.3	2	322	97	56.8
DEKALB	DKC52-68RIB	246.0	16.1	0	346	99	222.8	17.5	3	324	92	234.4	16.8	2	335	96	57.6
DEKALB	DKC53-56RIB	240.7	16.3	0	343	98	225.3	17.0	3	325	93	233.0	16.6	1	334	95	58.8
DEKALB	DKC54-38RIB	242.6	16.8	0	345	99	228.7	17.6	3	323	93	235.7	17.2	2	334	96	58.8
DEKALB	DKC55-20RIB	255.5	16.5	1	346	97	230.8	16.7	3	330	95	243.1	16.6	2	338	96	57.9
DEKALB	DKC55-84RIB	260.0	16.2	0	347	98	226.1	16.9	6	339	97	243.0	16.6	3	343	97	57.3
DEKALB	DKC57-97RIB	252.6	16.7	1	336	96	226.5	17.9	2	319	91	239.6	17.3	2	327	94	58.6
DYNA-GRO	D46VC62	257.9	16.9	1	343	94	235.7	17.3	5	364	93	246.8	17.1	3	353	94	57.4
DYNA-GRO	D47VC29	254.2	16.3	1	356	99	234.7	16.9	1	342	90	244.4	16.6	1	349	94	58.6
EBBERTS	6138VT2P RIB	258.8	16.7	2	377	99	237.8	17.9	4	359	96	248.3	17.3	3	368	97	57.5
EBBERTS	9356SSX RIB	254.1	17.2	1	370	97	239.9	17.4	10	355	94	247.0	17.3	5	362	95	60.3
FS INVISION	FS 51QX1 RIB	246.5	16.4	1	358	98	212.2	17.5	4	329	91	229.3	17.0	2	344	94	59.6
FS INVISION	FS 52RL0 EZR	230.9	16.8	10	358	98	220.5	16.3	3	342	94	225.7	16.5	6	350	96	57.7
FS INVISION	FS 53ZX1 RIB	241.6	15.9	0	346	95	217.7	16.8	1	328	90	229.6	16.4	1	337	92	58.5
FS INVISION	FS 55RL1 EZR	239.7	16.4	0	360	98	211.5	17.2	5	317	87	225.6	16.8	2	338	92	57.3
FS INVISION	FS 57ZX1 RIB	258.8	16.6	0	363	98	228.1	17.2	6	332	92	243.4	16.9	3	347	95	58.9
FS INVISION	FS 58G00	264.7	16.5	0	350	96	223.3	16.5	2	311	87	244.0	16.5	1	331	92	56.8
FS INVISION	FS 58R49	261.1	17.3	0	361	98	223.4	18.1	3	335	94	242.2	17.7	2	348	96	56.5
GOLDEN HARVEST	G06Q68-3220	237.2	16.6	2	336	98	212.8	17.3	2	316	93	225.0	17.0	2	326	95	57.2
GOLDEN HARVEST	G08M20-3010	249.3	17.2	2	318	93	212.8	18.1	2	300	89	231.1	17.7	2	309	91	58.3
GRO-MOR	GM 58V76	237.4	16.2	0	330	97	218.1	16.5	7	317	93	227.8	16.4	4	324	95	56.6
LG SEEDS	LG 5525VT2RIB	254.3	16.9	0	372	96	224.7	17.6	1	358	93	239.5	17.2	0	365	95	58.9
LG SEEDS	LG 57C28VT2PRO	237.5	17.7	1	360	94	211.1	17.6	3	350	93	224.3	17.7	2	355	93	59.7
LG SEEDS	LG 58C77VT2PRO	246.4	17.6	3	354	94	223.9	17.4	6	323	86	235.2	17.5	4	338	90	58.5
NK	NK0330-3120	232.8	16.9	8	339	99	208.2	16.9	4	312	92	220.5	16.9	6	326	96	57.9
NK	NK0624-3220	233.6	16.1	0	339	100	221.9	17.2	4	320	94	227.7	16.7	2	330	97	57.6
NUTECH/G2 GENETICS	5F-308™	239.4	17.1	2	330	96	218.8	18.0	2	312	93	229.1	17.6	2	321	94	59.8
NUTECH/G2 GENETICS	5F-504™	246.0	16.4	2	330	97	233.9	17.4	4	318	94	240.0	16.9	3	324	96	58.6
NUTECH/G2 GENETICS	5H-806™	246.8	17.5	0	318	94	224.9	18.1	2	308	91	235.9	17.8	1	313	92	59.0
NUTECH/G2 GENETICS	5VN-4707™	245.1	16.8	0	333	98	227.7	17.4	4	315	94	236.4	17.1	2	324	96	55.6
NUTECH/G2 GENETICS	E5FN-A808	237.3	16.5	4	330	97	234.2	17.0	3	314	93	235.7	16.7	4	322	95	57.0
RUPP	XR A08-78	258.5	17.1	2	325	98	228.1	17.4	3	309	94	243.3	17.2	3	317	96	58.7
RUPP	XR D06-70	250.2	16.4	1	332	96	200.4	17.2	1	298	88	225.3	16.8	1	315	92	58.6
RUPP	XR D07-72	249.4	16.0	0	308	92	218.5	17.1	5	295	90	234.0	16.5	3	302	91	58.6
SEED CONSULTANTS	SC 10AGT59	225.9	16.8	1	307	98	Animal Damage										
SEED CONSULTANTS	SCS 1018YHR™	240.9	16.3	0	305	97	218.1	17.1	6	291	93	229.5	16.7	3	298	95	58.1
SEED CONSULTANTS	SCS 1086YHR™	249.7	16.8	2	268	92	223.0	18.0	1	246	85	236.3	17.4	2	257	88	57.7
SEED CONSULTANTS	SCS 1087YHR™	253.3	16.6	3	312	98	234.7	17.3	2	288	91	244.0	16.9	3	300	95	56.8
SEED CONSULTANTS	SCS 10HR43™	250.2	17.0	0	316	100	235.2	17.8	1	309	98	242.7	17.4	1	313	99	59.0
SEED GENETICS - DIRECT	SG 1079-3010	246.3	17.4	1	345	97	223.3	18.1	7	323	92	234.8	17.8	4	334	95	58.6
SEEDWAY	SW5440GENSS RIB	247.3	16.2	0	333	97	224.4	16.9	5	316	93	235.9	16.6	2	324	95	59.1
SHUR GROW	SG 638VT2PRIB	241.8	16.2	0	306	92	215.4	16.8	4	270	80	228.6	16.5	2	288	86	57.1
SHUR GROW	SG 663VT2PRIB	237.0	16.7	1	328	97	228.3	17.7	21	304	90	232.6	17.2	11	316	93	57.9
SHUR GROW	SG 668SSRIB	249.2	16.4	0	337	97	219.6	17.3	4	316	92	234.4	16.9	2	326	94	59.2
SHUR GROW	SG 677VT2PRIB	242.7	17.6	3	319	96	220.2	17.8	8	300	90	231.5	17.7	6	309	93	56.1
STEWART SEEDS	07SS619	246.0	16.8	2	347	96	227.6	17.6	3	332	91	236.8	17.2	2	339	94	59.4
VIKING	O.44-98	231.0	15.5	0	306	97	217.6	15.9	3	286	92	224.3	15.7	1	296	94	57.8
VIKING	O.51-04	229.8	15.8	3	314	98	200.1	16.4	5	290	91	215.0	16.1	4	302	94	57.9
VIKING	O.55-02	225.9	16.6	2	311	98	204.7	17.0	1	298	94	215.3	16.8	2	304	96	58.8
WELLMAN SEEDS	W 2705DP	251.7	15.6	0	323	95	221.3	16.4	5	310	90	236.5	16.0	3	316	92	58.7
WELLMAN SEEDS	W 2708	252.0	17.0	2	323	97	197.4	17.5	2	312	92	224.7	17.2	2	317	95	56.1
WELLMAN SEEDS	W 2807DP	239.4	16.4	0	305	91	223.7	16.7	1	302	89	231.5	16.6	1	303	90	58.2
WELLMAN SEEDS	W 2903DP	236.7	16.5	0	328	97	230.0	17.5	2	311	92	233.3	17.0	1	320	94	58.9
High		269.0	17.7	10	377	100	239.9	18.3	21	364	98	248.8	17.8	11	368	99	60.7
Average		246.7	16.6	1	337	97	222.6	17.3	4	319	92	234.8	17.0	3	328	94	58.1
Low		225.9	15.5	0	268	91	197.4	15.9	0	246	80	215.0	15.7	0	257	86	55.6
LSD .10		9.8	0.4	3	12	3	11.6	0.4	5	16	5	12.1	0.5	NS	12	3	1.1

Soil Type	Elliott Silt Loam	Hoytville Clay
Soil Test (pH,P,K)	5.4, 38, 248	6.5, 142, 384
Previous Crop	Soybeans	Soybeans
Planting /Harvest Dates	May 19 / Oct 12, 2018	May 24 / Oct. 25, 2018
Tillage	Fall Strip Till	Stale Seedbed
Fertilizer (N,P,K)	217, 26, 150	222, 26, 0
Cooperator	Nick Williams Farms	Matt Davis, OARDC
County	Van Wert	Wood

TABLE 4L. Performance of hybrids in the full season trial. NORTHWESTERN Ohio, 2018.

		Van Wert					Hoytville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
BA GENETICS	BA18-10	260.9	17.8	0	348	97	231.4	18.0	6	330	94	246.2	17.9	3	339	95	59.0
BA GENETICS	BA18-11	251.1	18.1	2	351	96	221.2	18.3	4	320	92	236.1	18.2	3	336	94	57.3
BA GENETICS	BA19-10	255.7	17.1	1	358	98	228.1	17.7	5	338	97	241.9	17.4	3	348	98	57.2
BA GENETICS	BA19-12	260.1	18.2	2	337	94	240.9	17.5	2	331	96	250.5	17.9	2	334	95	57.9
BA GENETICS	BA8484	267.7	17.6	1	355	97	228.9	18.9	1	332	93	248.3	18.2	1	344	95	59.0
CHANNEL	209-15VT2PRIB	274.0	17.7	0	364	99	229.1	17.4	2	327	94	251.5	17.6	1	345	97	57.4
CHANNEL	210-79DGVT2PRIB	260.8	17.3	4	347	96	236.6	17.5	6	338	95	248.7	17.4	5	342	96	58.7
CHANNEL	212-20VT2PRIB	251.0	17.8	1	363	99	223.4	18.5	3	340	95	237.2	18.1	2	351	97	57.5
CHANNEL	212-90STXRIB	251.3	18.5	13	358	98	235.7	18.7	33	334	93	243.5	18.6	23	346	96	58.3
CHANNEL	213-19VT2PRIB	262.3	18.6	0	364	100	228.7	19.3	2	345	94	245.5	19.0	1	355	97	57.7
DAIRYLAND	DS-7513	223.8	16.9	0	318	100	215.3	17.3	1	315	96	219.6	17.1	1	316	98	56.6
DAIRYLAND	DS-7909PE	246.1	17.2	4	321	98	220.8	17.6	17	315	94	233.4	17.4	11	318	96	57.3
DAIRYLAND	DS-9412RA	248.2	18.2	0	327	96	234.0	18.8	1	315	93	241.1	18.5	1	321	95	57.0
DAIRYLAND	DS-9510RA	250.6	17.9	1	327	99	231.1	18.7	2	334	96	240.8	18.3	2	330	97	57.6
DEKALB	DKC61-54RIB	252.0	18.1	1	345	98	226.5	19.5	12	324	93	239.2	18.8	7	334	95	59.6
DEKALB	DKC62-20RIB	269.7	17.0	7	347	99	223.0	18.2	11	336	96	246.4	17.6	9	342	97	58.2
DEKALB	DKC62-52RIB	270.8	18.2	2	347	99	226.3	17.6	4	324	97	248.6	17.9	3	335	98	58.0
DEKALB	DKC63-60RIB	261.7	19.2	0	347	100	220.2	19.7	30	342	97	240.9	19.5	15	345	98	59.0
DEKALB	DKC64-34RIB	263.2	18.7	0	338	98	225.7	19.9	3	329	94	244.4	19.3	2	333	96	58.5
DEKALB	DKC64-87RIB	270.8	18.3	0	346	100	241.6	19.1	5	340	96	256.2	18.7	2	343	98	58.3
DYNA-GRO	D51SS54	263.1	17.4	11	377	99	232.0	18.7	22	315	96	247.6	18.0	17	346	97	58.5
DYNA-GRO	D52SS63	258.7	18.3	4	367	99	226.9	18.8	23	328	96	242.8	18.6	14	347	98	58.3
EBBERTS	6121VT2P RIB	254.7	18.2	2	367	98	208.6	18.4	4	309	96	231.6	18.3	3	338	97	56.8
EBBERTS	6552VT2P RIB	259.3	18.3	2	365	98	244.3	17.9	5	313	92	251.8	18.1	4	339	95	58.2
EBBERTS	6899VT2P RIB	253.8	18.0	1	363	98	228.2	19.2	25	328	95	241.0	18.6	13	345	96	59.5
EBBERTS	9292SSX RIB	264.2	18.0	0	359	97	246.4	19.2	3	349	95	255.3	18.6	2	354	96	60.2
FS INVISION	FS 59VL1 EZR	239.6	17.4	1	360	98	221.2	17.5	3	328	94	230.4	17.4	2	344	96	56.3
FS INVISION	FS 60UX1 RIB	251.3	18.3	3	360	97	236.9	19.4	18	331	95	244.1	18.9	10	346	96	59.8
FS INVISION	FS 62ZX1 RIB	261.9	18.3	4	359	98	223.4	18.7	36	318	93	242.6	18.5	20	338	95	58.2
FS INVISION	FS 63ZV1 RIB	256.0	19.8	5	360	99	221.4	19.2	10	306	92	238.7	19.5	8	333	96	59.3
GOLDEN HARVEST	G09A86-3000GT	255.1	17.2	1	343	98	227.9	17.6	4	348	95	241.5	17.4	2	346	97	56.0
GOLDEN HARVEST	G09Y24-3220A	253.0	17.9	0	346	98	220.6	18.1	3	310	91	236.8	18.0	1	328	94	57.5
GOLDEN HARVEST	G10T63-3120	227.5	17.6	28	333	98	224.3	17.5	48	337	94	225.9	17.5	38	335	96	58.7
GRO-MOR	GM 60V86EZ	232.1	17.4	0	325	90	225.8	17.3	2	316	87	228.9	17.4	1	321	89	56.3
GRO-MOR	GM 62G17	250.9	17.3	2	332	98	199.5	17.0	1	322	93	225.2	17.2	1	327	96	58.0
LG SEEDS	LG 5548STXRIB	254.5	17.5	4	365	100	234.1	18.8	8	325	96	244.3	18.1	6	345	98	58.5
LG SEEDS	LG 5590VT2RIB	265.1	17.5	0	361	99	242.3	18.6	3	313	96	253.7	18.0	1	337	98	57.3
LG SEEDS	LG 5606STXRIB	247.0	18.5	21	370	99	225.5	18.4	22	304	94	236.2	18.5	22	337	97	59.8
LG SEEDS	LG 5643VT2RIB	261.5	18.2	2	378	97	241.5	18.6	4	334	95	251.5	18.4	3	356	96	56.4
LG SEEDS	LG 5650VT2RIB	264.3	18.8	2	377	98	223.1	19.0	13	337	95	243.7	18.9	7	357	97	59.3
LG SEEDS	LG 59C66VT2PRO	260.8	18.3	1	359	96	227.3	18.0	4	332	92	244.0	18.1	2	345	94	60.2
LG SEEDS	LG 62C02VT2PRO	268.3	17.8	7	377	99	232.1	17.7	6	318	98	250.2	17.7	6	347	98	58.4
NK	NK0962-3220A	251.8	18.2	0	346	99	222.3	17.7	11	329	97	237.1	17.9	5	337	98	57.5
NK	NK1066-3122	242.5	17.8	3	338	99	222.5	18.1	32	329	95	232.5	18.0	17	334	97	58.8
NK	NK1284-3220	239.9	17.0	0	336	100	205.0	17.6	1	307	95	222.5	17.3	1	321	97	58.2
NUTECH/G2 GENETICS	5F-709™	240.0	17.0	1	333	97	214.1	17.6	3	295	92	227.0	17.3	2	314	94	58.1
NUTECH/G2 GENETICS	5FB-1010™	241.7	17.3	0	333	98	230.1	17.9	11	316	94	235.9	17.6	6	324	96	57.8
NUTECH/G2 GENETICS	5FB-6313™	261.9	18.8	0	324	97	233.7	19.1	4	314	93	247.8	18.9	2	319	95	56.1
NUTECH/G2 GENETICS	5FB-9909™	256.7	16.4	2	339	100	238.7	17.0	1	335	97	247.7	16.7	1	337	98	57.3
NUTECH/G2 GENETICS	5NN-8812™	254.2	18.1	4	312	92	220.9	17.7	2	299	86	237.5	17.9	3	306	89	58.3
NUTECH/G2 GENETICS	E5FN-A213	253.1	17.9	2	336	98	246.7	18.5	4	344	95	249.9	18.2	3	340	97	58.3
NUTECH/G2 GENETICS	E5FN-A310	254.6	17.8	1	334	97	227.7	18.4	9	342	94	241.2	18.1	5	338	96	58.0
RUPP	8xp843	254.9	17.3	0	332	98	233.6	17.9	4	331	96	244.3	17.6	2	331	97	58.0
RUPP	XR D10-16	256.2	17.6	0	328	98	232.6	17.8	5	327	95	244.4	17.7	3	328	96	59.3
RUPP	XR D11-57	253.7	17.4	6	332	98	228.4	17.1	11	313	94	241.1	17.2	8	322	96	57.0
RUPP	XR D12-49	252.9	18.0	4	332	100	235.8	18.4	11	346	97	244.4	18.2	7	339	98	57.6
SEED CONSULTANTS	SC 11AQ17	263.9	17.6	0	311	99	233.8	17.9	3	327	94	248.9	17.7	2	319	97	58.5
SEED CONSULTANTS	SCS 1105YHR™	257.5	17.0	5	320	99	219.8	17.5	3	323	95	238.7	17.3	4	322	97	58.9
SEED CONSULTANTS	SCS 1125YHR™	236.0	18.3	1	275	99	220.6	18.1	3	321	92	228.3	18.2	2	298	95	58.0
SEED CONSULTANTS	SCS 1136YHR™	243.0	18.9	6	279	96	216.7	19.3	8	340	97	229.9	19.1	7	310	97	58.9
SEED GENETICS - DIRECT	SG 1098-3111	239.4	17.8	0	338	98	226.0	17.7	1	327	95	232.7	17.7	1	333	97	55.7
SEED GENETICS - DIRECT	SG 1109-3220	249.4	17.8	1	337	96	221.4	18.0	3	324	93	235.4	17.9	2	330	94	57.4
SEED GENETICS - DIRECT	SG 1118-3000	263.2	17.6	1	337	99	223.1	18.2	3	325	95	243.2	17.9	2	331	97	58.4
SEEDWAY	SW6630GENSS RIB	255.2	17.2	2	329	98	233.5	18.6	32	335	95	244.4	17.9	17	332	97	58.2
SEEDWAY	SW6770GENSS RIB	251.0	18.2	0	332	97	226.7	18.0	0	297	92	238.9	18.1	0	314	94	58.3
SEEDWAY	SW6780VT2P RIB	244.6	19.3	5	325	96	227.8	18.6	1	314	92	236.2	18.9	3	320	94	56.7
SHUR GROW	SG 688VT2PRIB	251.2	17.5	1	321	94	227.5	18.2	3	311	93	239.4	17.8	2	316	94	59.1
SHUR GROW	SG 716VT2PRIB	240.6	17.4	2	327	96	207.0	18.1	7	319	93	223.8	17.8	4	323	95	57.9
SHUR GROW	SG 723VT2PRIB	249.7	18.0	1	328	97	228.5	17.9	3	327	93	239.1	17.9	2	327	95	58.7
STEWART SEEDS	09SS409	258.0	16.8	1	360	99	243.2	18.1	4	342	97	250.6	17.4	2	351	98	58.5
STEWART SEEDS	10DP099	270.4	17.3	22	356	98	237.7	17.5	5	339	94	254.0	17.4	14	348	96	57.5
STEWART SEEDS	11SS718	254.5	19.3	2	355	98	238.5	18.6	33	330	94	246.5	18.9	18	343	96	57.7
STEWART SEEDS	12DP209	269.7	18.0	1	354	97	241.4	18.4	7	336	96	255.5	18.2	4	345	96	57.4
STEWART SEEDS	7E224RIB	245.2	16.9	24	354	98	220.0	16.6	3	328	93	232.6	16.8	14	341	95	58.9
STEWART SEEDS	8E623RIB	261.2	18.0	0	364	100	249.1	17.8	0	344	96	255.1	17.9	0	354	98	57.0
WELLMAN SEEDS	W 2609DP	240.4	17.7	3	325	95	221.7	17.6	10	322	93	231.1	17.6	6	324	94	56.3
WELLMAN SEEDS	W 2812DP	239.3	17.8	0	332	99	215.1	18.3	5	323	96	227.2	18.0	3	328	98	57.1
WELLMAN SEEDS	W 2911DP	247.3	17.4	2	320	95	220.7	18.3	5	306	91	234.0	17.8	4	313	93	58.6
High		274.0	19.8	28	378	100	249.1	19.9	48	349	98	256.2	19.5	38	357	98	60.2
Average		253.8	17.9	3	343	98	227.9	18.2	9	326	94	240.9	18.0	6	334	96	58.0
Low		223.8	16.4	0	275	90	199.5	16.6	0	295	86	219.6	16.7	0	298	89	55.7
LSD .10		11.6	0.4	5	16	5	10.4	0.5	15	25	4	11.9	0.6	11	25	2	0.8

Soil Type	Elliott Silt Loam	Hoytville Clay
Soil Test (pH,P,K)	5.4, 38, 248	6.5, 142, 384
Previous Crop	Soybeans	Soybeans
Planting /Harvest Dates	May 19 / Oct 12, 2018	May 24 / Oct. 25, 2018
Tillage	Fall Strip Till	Stale Seedbed
Fertilizer (N,P,K)	217, 26, 150	222, 26, 0
Cooperator	Nick Williams Farms	Matt Davis, OARDC
County	Van Wert	Wood

TABLE 5. Two year hybrid performance in NORTHWESTERN Ohio, 2017-2018.

		Van Wert					Hoytville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
BA GENETICS	BA18-08	259.4	17.2	4	347	97	208.9	17.9	2	338	95	234.2	17.5	3	342	96	56.4
BA GENETICS	BA18-10	265.5	18.1	3	337	95	210.8	19.6	3	333	95	238.2	18.9	3	335	95	58.1
BA GENETICS	BA18-11	261.4	19.1	3	335	95	200.2	20.1	2	325	94	230.8	19.6	2	330	95	56.4
BA GENETICS	BA8484	263.2	18.6	2	325	93	210.9	21.0	1	335	96	237.0	19.8	1	330	95	57.8
CHANNEL	207-27STXRIB	249.0	18.0	2	350	95	227.1	19.6	1	352	95	238.1	18.8	1	351	95	57.1
CHANNEL	209-15VT2PRIB	273.0	18.0	1	364	98	221.4	18.7	1	345	95	247.2	18.4	1	355	97	57.0
DAIRYLAND	DS-7513	244.0	17.8	0	323	98	198.8	19.5	1	321	97	221.4	18.6	0	322	98	55.1
DAIRYLAND	DS-9508RA	252.4	17.6	2	325	96	212.0	18.5	2	322	96	232.2	18.1	2	323	96	55.8
DEKALB	DKC53-56RIB	238.5	17.1	1	332	92	213.6	17.7	1	341	94	226.0	17.4	1	336	93	58.4
DEKALB	DKC54-38RIB	241.0	17.3	1	347	96	221.9	18.7	2	337	93	231.5	18.0	1	342	95	58.5
DEKALB	DKC55-20RIB	247.4	16.8	2	347	97	210.7	17.5	1	339	94	229.0	17.1	2	343	95	57.1
DEKALB	DKC57-97RIB	245.2	17.4	1	319	88	215.8	18.2	1	340	94	230.5	17.8	1	329	91	58.1
DEKALB	DKC61-54RIB	258.4	18.7	17	348	93	190.9	21.6	6	343	94	224.6	20.1	11	346	93	58.3
DEKALB	DKC62-20RIB	263.4	17.8	11	347	96	203.0	19.1	6	351	97	233.2	18.4	8	349	96	57.1
DEKALB	DKC63-60RIB	250.0	19.2	3	343	95	195.6	21.4	16	354	97	222.8	20.3	10	348	96	57.6
DEKALB	DKC64-34RIB	273.5	19.2	3	345	96	198.2	22.2	2	343	94	235.8	20.7	2	344	95	57.2
DEKALB	DKC64-87RIB	262.4	18.8	5	341	95	216.4	20.6	3	353	97	239.4	19.7	4	347	96	57.2
DYNA-GRO	D47VC29	254.3	16.8	3	351	96	222.1	17.8	1	356	92	238.2	17.3	2	354	94	58.1
DYNA-GRO	D51SS54	267.1	18.3	26	366	98	226.0	20.6	11	350	96	246.6	19.5	18	358	97	57.3
EBBERTS	6121VT2P RIB	265.5	18.6	5	359	94	206.7	19.9	2	337	95	236.1	19.3	4	348	95	55.8
EBBERTS	9292SSX RIB	262.3	18.6	15	361	95	218.2	20.8	2	361	96	240.3	19.7	8	361	95	58.8
FS INVISION	FS 52RL0 EZR	230.6	17.2	6	329	92	205.5	17.4	3	342	95	218.1	17.3	4	335	93	57.2
FS INVISION	FS 59VL1 EZR	253.7	17.7	3	343	96	212.5	19.2	2	331	94	233.1	18.4	2	337	95	54.3
GOLDEN HARVEST	G09Y24-3220A	251.3	18.2	28	347	97	200.8	19.1	1	327	94	226.1	18.7	15	337	95	56.5
GOLDEN HARVEST	G10T63-3120	248.4	18.0	47	335	98	210.9	18.5	24	332	93	229.6	18.3	35	333	96	58.0
GRO-MOR	GM 58V76	231.1	17.0	1	316	97	211.0	17.6	4	315	93	221.1	17.3	2	316	95	56.7
GRO-MOR	GM 60V86EZ	247.8	17.8	2	321	90	212.3	19.1	1	318	89	230.0	18.5	2	319	90	54.3
GRO-MOR	GM 62G17	247.1	18.0	12	324	93	182.3	19.5	1	322	93	214.7	18.7	6	323	93	57.0
LG SEEDS	LG 5548STXRIB	259.1	18.2	11	350	96	222.3	20.7	5	346	96	240.7	19.4	8	348	96	57.0
LG SEEDS	LG 5650VT2RIB	258.9	19.5	7	361	99	212.9	20.7	7	347	95	235.9	20.1	7	354	97	58.9
NUTECH/G2 GENETICS	5F-308™	261.4	18.1	11	330	95	211.2	19.2	1	320	93	236.3	18.7	6	325	94	59.2
NUTECH/G2 GENETICS	5F-504™	254.1	17.4	11	333	96	212.3	18.2	2	332	96	233.2	17.8	7	332	96	57.9
NUTECH/G2 GENETICS	5F-709™	234.6	17.8	20	310	92	197.0	19.3	2	312	93	215.8	18.6	11	311	92	57.5
NUTECH/G2 GENETICS	5FB-1010™	242.5	17.9	5	317	92	212.1	19.4	5	323	93	227.3	18.6	5	320	93	57.6
NUTECH/G2 GENETICS	5H-806™	241.5	18.2	1	307	90	220.4	19.6	1	313	91	231.0	18.9	1	310	90	58.4
NUTECH/G2 GENETICS	5VN-4707™	238.7	17.2	2	330	96	212.8	18.2	3	323	95	225.7	17.7	2	327	96	55.5
RUPP	XR D06-70	239.9	17.0	1	316	88	200.2	17.5	0	319	92	220.1	17.2	1	317	90	58.5
RUPP	XR D07-72	251.6	16.8	1	316	92	215.9	18.1	3	313	93	233.7	17.5	2	314	92	58.5
RUPP	XR D11-57	247.6	18.0	23	318	93	204.6	18.8	6	324	95	226.1	18.4	15	321	94	56.2
RUPP	XR D12-49	263.1	18.7	5	331	95	215.7	19.8	5	343	96	239.4	19.2	5	337	96	56.3
SEED CONSULTANTS	SCS 1086YHR™	265.2	17.9	3	288	93	208.3	18.7	1	277	91	236.8	18.3	2	283	92	57.2
SEED CONSULTANTS	SCS 1087YHR™	264.8	17.4	2	313	97	222.1	18.3	2	306	93	243.5	17.8	2	309	95	56.5
SEED CONSULTANTS	SCS 10HR43™	248.0	18.1	9	308	90	229.5	19.2	0	318	97	238.8	18.7	4	313	94	58.4
SHUR GROW	SG 677VT2PRIB	241.7	18.2	3	317	93	206.8	18.9	4	307	90	224.2	18.5	4	312	91	56.2
SHUR GROW	SG 688VT2PRIB	253.7	18.2	5	316	96	214.3	19.5	2	327	95	234.0	18.8	3	322	96	58.4
SHUR GROW	SG 716VT2PRIB	237.8	17.8	10	330	92	191.0	18.6	4	333	93	214.4	18.2	7	331	92	57.6
STEWART SEEDS	8E623RIB	258.7	18.3	20	363	99	212.6	20.5	0	353	96	235.7	19.4	10	358	98	55.6
STEWART SEEDS	11SS718	259.9	19.3	12	356	97	219.9	20.7	17	343	95	239.9	20.0	14	349	96	56.9
STEWART SEEDS	7E224RIB	241.3	17.6	35	358	97	202.4	18.4	2	341	94	221.9	18.0	19	349	95	57.9
WELLMAN SEEDS	W 2609DP	240.2	18.2	19	316	94	208.3	18.9	5	321	93	224.3	18.5	12	319	93	55.9
WELLMAN SEEDS	W 2705DP	252.5	16.6	1	323	93	205.9	17.2	4	320	92	229.2	16.9	2	321	93	58.8
WELLMAN SEEDS	W 2708	253.7	17.7	5	317	93	213.3	18.4	2	325	94	233.5	18.0	3	321	93	57.1
WELLMAN SEEDS	W 2807DP	243.6	17.1	0	301	87	212.6	18.0	1	314	91	228.1	17.5	0	307	89	58.1
WELLMAN SEEDS	W 2812DP	250.4	18.4	2	327	96	207.1	19.8	3	331	95	228.8	19.1	2	329	96	56.0
High		273.5	19.5	47	366	99	229.5	22.2	24	361	97	247.2	20.7	35	361	98	59.2
Average		252.1	17.9	8	333	94	210.3	19.2	3	331	94	231.2	18.6	6	332	94	57.2
Low		230.6	16.6	0	288	87	182.3	17.2	0	277	89	214.4	16.9	0	283	89	54.3

TABLE 6. Three year hybrid performance in NORTHWESTERN Ohio, 2016-2018.

		Van Wert					Hoytville					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
CHANNEL	207-27STXRIB	229.8	18.4	1	354	97	214.1	20.1	1	354	96	221.9	19.2	1	354	96	57.2
DAIRYLAND	DS-9508RA	234.7	17.6	1	326	96	199.9	19.1	1	325	96	217.3	18.4	1	325	96	56.1
DEKALB	DKC53-56RIB	210.9	17.0	1	342	94	202.0	17.9	1	343	95	206.4	17.4	1	342	94	58.9
DEKALB	DKC54-38RIB	223.2	17.0	1	352	97	207.6	18.9	2	344	95	215.4	17.9	1	348	96	58.8
DEKALB	DKC55-20RIB	228.9	15.8	1	350	97	197.8	17.5	1	346	96	213.3	16.7	1	348	96	57.5
DEKALB	DKC61-54RIB	231.1	19.2	11	347	93	181.0	21.8	4	345	95	206.0	20.5	8	346	94	58.0
DEKALB	DKC63-60RIB	222.8	19.7	2	347	96	189.5	21.9	11	354	97	206.1	20.8	7	350	97	57.4
DEKALB	DKC64-87RIB	239.5	19.1	3	346	95	206.6	21.2	2	353	97	223.1	20.1	3	350	96	57.0
DYNA-GRO	D51SS54	247.4	18.7	18	361	97	209.9	20.7	8	357	96	228.7	19.7	13	359	97	57.0
EBBERTS	9292SSX RIB	246.5	18.8	10	358	96	209.9	21.2	2	358	96	228.2	20.0	6	358	96	58.1
GRO-MOR	GM 58V76	213.8	16.2	2	309	94	200.3	17.6	3	314	93	207.0	16.9	2	311	93	57.0
GRO-MOR	GM 60V86EZ	223.9	18.0	2	314	90	198.2	19.4	2	316	90	211.0	18.7	2	315	90	54.9
LG SEEDS	LG 5548STXRIB	238.6	18.7	7	343	97	205.5	21.1	3	341	98	222.0	19.9	5	342	97	56.9
NUTECH/G2 GENETICS	5F-308™	239.7	18.1	8	326	96	201.2	19.4	1	320	95	220.5	18.7	4	323	95	59.4
NUTECH/G2 GENETICS	5F-504™	232.6	16.2	7	332	96	201.7	18.4	2	330	96	217.1	17.3	5	331	96	57.9
NUTECH/G2 GENETICS	5F-709™	227.8	16.6	14	318	94	187.2	19.4	1	310	93	207.5	18.0	7	314	93	57.6
NUTECH/G2 GENETICS	5H-806™	229.6	17.9	1	314	92	205.8	19.5	1	317	92	217.7	18.7	1	316	92	58.7
RUPP	XR D06-70	218.0	16.4	1	317	90	193.2	17.8	0	317	92	205.6	17.1	0	317	91	58.8
RUPP	XR D11-57	230.8	17.2	15	322	94	196.0	19.2	5	323	94	213.4	18.2	10	323	94	56.2
SEED CONSULTANTS	SCS 1086YHR™	231.2	17.7	3	299	94	192.2	19.2	0	292	92	211.7	18.5	2	295	93	57.3
SEED CONSULTANTS	SCS 10HR43™	231.1	18.0	6	316	92	211.6	19.4	1	319	96	221.4	18.7	3	318	94	58.7
SHUR GROW	SG 716VT2PRIB	218.8	17.8	7	330	91	182.0	19.0	3	338	94	200.4	18.4	5	334	93	58.1
WELLMAN SEEDS	W 2609DP	226.3	17.3	13	309	91	198.1	19.1	4	319	93	212.2	18.2	8	314	92	55.9
WELLMAN SEEDS	W 2705DP	233.5	15.8	0	324	94	194.7	17.6	4	322	93	214.1	16.7	2	323	94	59.3
WELLMAN SEEDS	W 2708	221.9	17.1	3	323	94	204.0	18.7	2	326	95	213.0	17.9	3	325	95	57.5
High		247.4	19.7	18	361	97	214.1	21.9	11	358	98	228.7	20.8	13	359	97	59.4
Average		229.3	17.6	6	331	94	199.6	19.4	3	331	95	214.4	18.5	4	331	94	57.6
Low		210.9	15.8	0	299	90	181.0	17.5	0	292	90	200.4	16.7	0	295	90	54.9

Table 7E. Performance of hybrids in the early maturity trial. NORTH CENTRAL and NORTHEASTERN Ohio, 2018.

		Bucyrus					Wooster					Beloit					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
BA GENETICS	BA18-08	282.6	15.8	0	355	97	260.5	17.7	4	350	95	205.4	22.2	0	352	98	249.5	18.5	1	352	97	55.4
BA GENETICS	BA19-05	278.5	16.4	0	355	98	266.8	17.9	2	360	99	221.7	23.7	0	352	98	255.7	19.3	1	356	98	59.0
BA GENETICS	BA19-07	283.4	16.3	0	361	98	258.1	17.6	0	360	99	199.6	21.7	0	348	96	247.0	18.6	0	357	98	58.2
CHANNEL	204-74VT2PRIB	282.5	16.1	2	355	98	256.2	17.4	0	352	97	197.7	20.8	0	343	94	245.5	18.1	1	350	96	58.3
CHANNEL	206-11VT2PRIB	279.0	15.3	0	365	100	255.0	16.8	0	365	98	203.2	21.8	0	347	95	245.7	17.9	0	359	98	56.2
CHANNEL	207-27STXRIB	285.3	16.5	0	358	96	260.4	18.4	1	359	99	221.8	24.8	0	360	99	255.9	19.9	0	359	98	57.0
DEKALB	DKC52-68RIB	271.1	16.0	0	342	99	242.6	17.5	0	333	97	203.2	22.6	0	339	97	239.0	18.7	0	338	98	56.4
DEKALB	DKC53-56RIB	262.4	15.8	1	347	100	242.3	17.3	0	342	98	185.7	20.3	0	347	99	230.1	17.8	0	345	99	57.9
DEKALB	DKC54-38RIB	262.4	16.0	0	345	99	255.6	17.4	0	346	99	203.5	22.7	0	345	99	240.5	18.7	0	345	99	58.1
DEKALB	DKC55-20RIB	277.7	15.1	0	339	98	253.2	16.7	0	339	98	213.3	20.5	0	334	97	248.1	17.5	0	338	98	56.6
DEKALB	DKC55-84RIB	277.1	16.3	0	347	99	239.6	17.3	3	351	98	210.8	22.8	2	341	97	242.5	18.8	2	346	98	56.1
DEKALB	DKC57-97RIB	280.3	16.2	0	342	99	247.0	17.7	0	336	97	185.4	23.9	0	320	95	237.6	19.3	0	333	97	57.4
DOEBLER'S	RPM® 3518AM™	257.9	15.7	0	319	96	224.4	17.6	1	316	95	199.3	21.3	0	310	94	227.2	18.2	0	315	95	58.3
DOEBLER'S	RPM® 3618AMXT™	246.5	15.6	0	312	95	227.8	17.3	0	321	97	178.8	20.8	0	305	93	217.7	17.9	0	313	95	57.8
DOEBLER'S	RPM® 4018AMXT™	274.2	15.6	0	325	98	262.5	17.8	0	320	98	200.4	21.0	0	319	97	245.7	18.1	0	321	98	58.4
DOEBLER'S	RPM® 4219AM™	265.3	15.5	2	333	100	254.1	17.7	1	325	98	216.7	21.7	0	328	98	245.4	18.3	1	329	99	56.8
DOEBLER'S	RPM® 4318AMXT™	271.7	16.5	1	328	98	260.2	17.9	1	325	98	201.0	21.6	0	329	99	244.3	18.7	1	327	99	56.9
DOEBLER'S	RPM® 4417AMXT™	262.7	16.6	0	318	97	246.2	18.0	0	321	96	209.4	22.1	0	317	96	239.4	18.9	0	319	96	58.4
EBBERTS	6138VT2P RIB	287.5	16.5	0	370	99	256.9	17.9	0	369	100	210.3	23.8	0	343	93	251.6	19.4	0	361	97	56.1
EBBERTS	9356SSX RIB	279.1	16.3	0	358	96	262.3	17.7	3	367	99	216.6	23.6	0	359	97	252.7	19.2	1	361	97	59.2
FS INVISION	FS 51QX1 RIB	266.6	16.1	2	352	97	249.1	17.2	1	361	99	200.7	20.9	0	352	97	238.8	18.1	1	355	98	58.7
FS INVISION	FS 52RL0 EZR	253.0	15.3	0	355	97	238.4	17.5	1	343	93	190.8	21.7	0	337	93	227.4	18.2	0	345	94	56.5
FS INVISION	FS 53ZX1 RIB	266.3	15.9	0	341	94	248.9	17.2	2	348	96	196.6	21.7	0	346	96	237.3	18.3	1	345	95	58.1
FS INVISION	FS 55RL1 EZR	276.6	16.0	0	360	99	233.0	17.8	1	347	98	211.0	22.7	0	346	94	240.2	18.8	0	351	97	55.9
FS INVISION	FS 57ZX1 RIB	273.1	16.3	1	352	96	248.9	17.9	1	352	96	211.2	21.5	1	354	97	244.4	18.6	1	353	97	58.0
FS INVISION	FS 58G00	286.7	16.5	0	338	93	258.8	17.5	0	345	95	204.3	21.7	0	339	94	249.9	18.5	0	341	94	54.7
FS INVISION	FS 58R49	268.7	16.4	0	352	98	258.9	18.7	0	356	98	205.1	23.4	0	356	98	244.3	19.5	0	355	98	54.9
GOLDEN HARVEST	G06Q68-3220	266.0	16.0	0	336	99	241.1	17.7	0	330	97	183.9	21.9	0	327	97	230.3	18.5	0	331	98	55.9
GOLDEN HARVEST	G08M20-3010	248.4	16.2	0	323	96	232.9	18.1	3	312	92	197.9	22.6	0	310	91	226.4	19.0	1	315	93	57.3
LG SEEDS	LG 5525VT2RIB	263.8	16.2	0	379	98	251.1	17.4	0	374	98	197.1	23.4	0	369	98	237.3	19.0	0	374	98	58.0
LG SEEDS	LG 57C28VT2PRO	259.6	16.3	0	363	96	228.2	17.8	0	364	94	196.4	21.0	0	369	96	228.1	18.4	0	365	95	58.8
LG SEEDS	LG 58C77VT2PRO	280.6	16.1	2	350	94	261.9	18.1	0	348	93	195.9	21.9	1	345	91	246.1	18.7	1	348	92	57.1
LOCAL SEED	LC0488SSX	246.4	15.9	1	302	89	246.8	17.5	0	318	93	190.8	21.4	0	299	88	228.0	18.3	0	306	90	58.3
LOCAL SEED	LC0877VT2P	281.2	15.7	0	343	100	257.9	17.3	0	338	99	221.5	23.1	0	333	98	253.5	18.7	0	338	99	55.6
NK	NK0330-3120	259.6	16.1	2	332	98	230.9	16.7	4	342	100	189.4	20.8	0	321	96	226.6	17.9	2	332	98	56.9
NK	NK0624-3220	274.1	16.0	0	337	98	238.7	17.5	4	333	99	200.2	22.0	0	329	98	237.7	18.5	1	333	98	56.0
NUTECH/G2 GENETICS	5F-308™	282.6	16.9	2	319	91	235.6	18.3	2	336	97	175.6	23.2	0	314	92	231.3	19.5	1	323	94	57.8
NUTECH/G2 GENETICS	5F-504™	271.8	15.9	0	327	97	244.0	17.7	2	324	96	215.6	21.4	1	337	100	243.8	18.3	1	329	97	57.7
NUTECH/G2 GENETICS	5H-806™	290.6	17.3	0	327	95	253.0	18.9	6	318	95	208.7	22.7	0	321	94	250.8	19.6	2	322	95	57.1
NUTECH/G2 GENETICS	5VN-4707™	268.3	16.1	0	334	98	250.8	18.6	0	329	97	205.7	24.5	0	320	95	241.6	19.8	0	328	97	55.7
NUTECH/G2 GENETICS	E5FN-A808	263.9	16.1	0	323	95	238.5	17.9	2	323	96	194.7	22.0	0	322	96	232.4	18.7	1	322	96	55.2
RUPP	XR D06-70	262.5	15.7	0	327	96	230.9	17.1	0	337	98	182.2	20.8	0	323	93	225.2	17.9	0	329	96	57.8
RUPP	XR D07-72	270.7	16.2	0	299	89	236.3	17.5	1	308	93	197.4	22.3	0	296	89	234.8	18.7	0	301	90	57.2
SEED CONSULTANTS	SC 10AGT59	262.4	16.0	0	305	96	225.3	18.0	0	302	96	186.6	22.0	1	297	94	224.8	18.6	0	301	96	57.3
SEED CONSULTANTS	SCS 1018YHR™	258.3	15.3	0	310	98	249.0	17.1	0	305	97	210.2	21.4	0	305	97	239.2	17.9	0	306	97	57.3
SEED CONSULTANTS	SCS 1086YHR™	279.9	16.6	0	272	93	224.0	17.7	6	274	93	210.6	21.8	0	268	92	238.2	18.7	2	271	93	56.1
SEED CONSULTANTS	SCS 1087YHR™	284.5	16.1	0	315	98	228.5	17.5	0	312	100	206.4	23.5	0	307	98	239.8	19.0	0	311	99	55.9
SEED CONSULTANTS	SCS 10HR43™	282.4	16.9	0	311	98	256.2	18.5	0	311	99	198.7	22.3	0	312	99	245.8	19.2	0	311	99	57.6
SEED GENETICS - DIRECT	SG 1079-3010	256.5	16.4	0	339	98	239.5	18.6	2	332	96	196.3	22.8	0	336	97	230.8	19.3	1	336	97	57.4
SHUR GROW	SG 638VT2PRIB	262.0	15.5	0	290	85	251.5	17.3	0	305	90	198.4	21.1	0	289	84	237.3	18.0	0	295	86	57.4
SHUR GROW	SG 663VT2PRIB	272.7	16.2	0	325	98	234.4	18.0	3	316	92	181.1	24.6	2	320	94	229.4	19.6	1	321	95	56.9
SHUR GROW	SG 668SSRIB	273.1	16.4	0	327	96	227.9	17.6	0	325	95	209.0	21.7	0	327	96	236.7	18.6	0	326	96	58.1
VIKING	O.51-04	259.6	15.8	1	303	97	227.7	17.0	19	303	96	181.6	20.2	1	307	98	223.0	17.7	7	305	97	56.1
VIKING	O.55-02	264.8	16.4	1	316	99	234.3	17.7	1	310	98	175.8	22.7	0	297	94	224.9	18.9	1	308	97	57.9
WELLMAN SEEDS	W 2705DP	274.6	15.1	0	328	96	242.5	17.6	1	329	95	208.9	21.8	0	318	94	242.0	18.2	0	325	95	58.3
WELLMAN SEEDS	W 2708	271.4	16.4	0	321	94	247.3	18.4	0	318	93	195.7	23.5	0	307	91	238.1	19.4	0	315	93	57.3
WELLMAN SEEDS	W 2807DP	260.8	16.2	0	308	91	229.2	17.3	0	308	91	197.7	22.1	1	306	89	229.2	18.5	0	307	90	56.9
WELLMAN SEEDS	W 2903DP	251.7	16.3	0	299	89	231.1	17.5	0	305	90	191.9	21.7	0	289	86	224.9	18.5	0	298	88	58.4
High		290.6	17.3	2	379	100	266.8	18.9	19	374	100	221.8	24.8	2	369	100	255.9	19.9	7	374	99	59.2
Average		270.1	16.1	0	333	96	244.7	17.7	1	333	96	200.1	22.2	0	327	95	238.3	18.6	1	331	96	57.2
Low		246.4	15.1	0	272	85	224.0	16.7	0	274	90	175.6	20.2	0	268	84	217.7	17.5	0	271	86	54.7
LSD .10		11.3	0.4	1	12	3	10.9	0.4	3	11	3	16.1	0.9	NS	14	4	11.3	0.7	NS	7	2	0.9

Soil Type	Luray Silty Clay Loam	Canfield Silt Loam	Bogart Silt Loam
Soil Test (pH,P,K)	6.9, 52, 288	5.8, 96, 326	6.0, 108, 240
Previous Crop	Soybeans	Soybeans	Soybeans
Planting /Harvest Dates	May 11 / Oct. 24, 2018	May 12 / Oct. 18, 2018	May 26 / Oct. 17, 2018
Tillage	Minimum Till	Minimum Till	Minimum Till
Fertilizer (N,P,K)	207, 26, 120	207, 80, 108	224, 104, 90
Cooperator	Crawford County Extension	Mike Sword / Ken Scaife, OARDC	B & B Farms
County	Crawford	Wayne	Mahoning

TABLE 7L. Performance of hybrids in the full season trial. NORTH CENTRAL and NORTHEASTERN Ohio, 2018.

		Bucyrus					Wooster					Beloit					Summary					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
BA GENETICS	BA18-10	284.8	17.1	0	337	94	253.6	18.7	1	354	93	216.7	23.9	2	347	92	251.7	19.9	1	346	93	57.9
BA GENETICS	BA18-11	279.2	17.0	0	350	96	237.1	18.9	1	369	97	222.9	25.9	0	364	96	246.4	20.6	0	361	96	55.9
BA GENETICS	BA19-10	279.9	16.5	0	359	98	246.7	18.6	2	370	97	213.6	23.8	0	369	97	246.7	19.6	1	366	97	55.6
BA GENETICS	BA19-12	289.6	16.9	1	359	99	256.0	19.1	0	359	96	221.7	24.2	2	365	96	255.8	20.1	1	361	97	55.7
BA GENETICS	BA8484	291.0	17.2	0	355	97	261.0	20.7	1	354	97	219.6	26.7	0	347	95	257.2	21.5	0	352	96	57.1
CHANNEL	209-15VT2PRIB	301.9	16.2	0	364	99	251.5	18.9	0	360	99	201.9	24.1	1	355	98	251.8	19.8	0	360	99	56.1
CHANNEL	210-79DGVT2PRIB	278.8	16.2	0	342	94	258.5	18.3	0	350	96	203.9	24.0	0	348	96	247.1	19.5	0	347	95	57.9
CHANNEL	212-20VT2PRIB	271.2	16.9	0	360	98	268.2	19.5	0	355	97	224.9	25.6	0	358	99	254.7	20.7	0	358	98	56.7
CHANNEL	212-90STXRIB	279.5	17.7	0	347	96	242.0	19.9	58	354	98	222.4	25.9	0	350	96	248.0	21.2	20	350	97	55.9
CHANNEL	213-19VT2PRIB	289.0	17.7	0	351	96	267.2	19.4	4	359	97	213.4	26.6	0	351	97	256.5	21.2	1	354	97	57.0
DEKALB	DKC61-54RIB	279.0	16.9	0	345	99	250.2	20.3	1	342	99	211.6	25.1	0	341	99	246.9	20.8	0	342	99	57.7
DEKALB	DKC62-20RIB	283.9	16.6	0	343	98	256.9	18.4	1	338	98	206.9	24.3	0	330	96	249.3	19.8	0	337	97	57.1
DEKALB	DKC62-52RIB	281.0	16.8	0	346	99	250.4	18.7	1	343	99	189.4	24.0	1	348	99	240.3	19.8	0	346	99	57.1
DEKALB	DKC63-60RIB	284.0	17.5	0	342	98	258.2	20.2	2	338	97	219.4	26.7	0	345	99	253.9	21.5	1	342	98	57.5
DEKALB	DKC64-34RIB	292.8	17.8	0	337	97	243.4	19.6	0	341	97	203.5	27.5	1	338	97	246.6	21.6	0	339	97	56.7
DEKALB	DKC64-87RIB	287.1	17.2	0	346	100	273.4	20.8	0	345	99	217.1	25.4	0	333	96	259.2	21.1	0	341	98	56.5
DOEBLER'S	RPM® 5319AM™	270.2	17.2	0	324	97	259.4	20.7	2	318	95	208.5	25.6	0	305	93	246.0	21.1	1	315	95	56.9
DOEBLER'S	RPM® 5018AM™	281.5	16.4	0	332	99	242.5	18.2	2	330	100	201.8	22.5	0	323	98	241.9	19.0	1	328	99	55.8
DYNA-GRO	D49VC70	283.9	16.5	1	368	97	259.3	18.2	1	364	96	220.1	24.4	0	354	97	254.4	19.7	1	362	97	57.8
DYNA-GRO	D51SS54	278.4	17.2	1	370	97	269.9	18.5	5	367	96	197.5	25.2	0	360	99	248.6	20.3	2	366	97	56.9
EBBERTS	6121VT2P RIB	275.5	17.1	1	364	97	253.4	19.8	2	364	98	197.3	26.4	0	367	99	242.1	21.1	1	365	98	55.1
EBBERTS	6899VT2P RIB	283.2	17.4	1	354	97	243.8	19.5	3	364	99	229.1	25.5	0	358	96	252.0	20.8	2	359	97	58.5
FS INVISION	FS 59VL1 EZR	268.3	16.2	0	348	96	229.9	17.5	8	356	98	201.5	21.1	2	348	98	233.2	18.3	3	351	97	53.8
FS INVISION	FS 60UX1 RIB	279.4	17.3	1	354	99	266.2	19.9	0	356	98	217.7	25.6	1	345	95	254.4	20.9	1	351	97	58.0
FS INVISION	FS 62ZX1 RIB	281.4	17.1	1	360	98	229.0	20.8	14	363	99	228.6	25.0	0	359	98	246.3	21.0	5	361	98	56.3
FS INVISION	FS 63ZV1 RIB	282.0	17.9	0	354	97	243.9	20.1	2	347	96	217.8	27.2	0	342	96	247.9	21.7	1	348	96	58.1
GOLDEN HARVEST	G09A86-3000GT	283.1	16.6	0	339	97	240.2	18.1	4	338	99	196.6	23.2	0	334	95	240.0	19.3	1	337	97	54.7
GOLDEN HARVEST	G09Y24-3220A	268.8	16.4	1	328	96	247.7	18.9	0	327	96	193.1	21.1	0	327	95	236.5	18.8	1	327	95	55.6
GOLDEN HARVEST	G10T63-3120	274.0	16.9	4	330	97	236.7	18.8	2	332	99	190.1	21.8	0	331	98	233.6	19.2	2	331	98	56.9
LG SEEDS	LG 5548STXRIB	285.3	17.1	1	365	99	263.3	19.0	2	368	99	233.9	25.1	0	364	98	260.8	20.4	1	366	99	56.8
LG SEEDS	LG 5590VT2RIB	284.7	17.2	0	363	99	256.3	19.0	1	355	99	211.4	25.4	1	359	98	250.8	20.5	0	359	99	55.6
LG SEEDS	LG 5606STXRIB	281.3	17.2	0	365	99	225.0	19.3	20	367	98	198.4	23.8	1	351	96	234.9	20.1	7	361	98	58.7
LG SEEDS	LG 5643VT2RIB	291.9	17.7	0	378	98	240.0	20.9	0	369	97	211.9	28.9	1	368	97	247.9	22.5	1	372	97	55.4
LG SEEDS	LG 59C66VT2PRO	282.8	17.0	1	362	97	239.6	19.2	0	359	96	194.7	22.4	0	359	97	239.0	19.5	0	360	97	58.5
LG SEEDS	LG 62C02VT2PRO	271.1	16.7	0	370	98	241.2	19.7	2	374	99	207.1	22.0	1	369	98	239.8	19.5	1	371	98	56.6
LOCAL SEED	LS1289VT2P	281.3	17.4	2	330	97	236.8	19.8	6	333	98	203.4	26.9	0	328	97	240.5	21.4	2	330	97	56.0
LOCAL SEED	ZS1487	262.8	17.4	1	334	98	245.4	18.7	1	330	97	212.6	23.1	1	329	97	240.3	19.7	1	331	97	54.1
NK	NK0962-3220A	282.6	16.8	1	338	98	241.2	18.7	4	328	94	198.0	21.7	2	335	98	240.6	19.1	2	334	97	55.6
NK	NK1066-3122	265.0	16.7	2	328	96	233.5	19.1	2	325	96	190.7	22.7	0	312	92	229.7	19.5	1	322	95	56.8
NUTECH/G2 GENETICS	5F-709™	273.8	16.5	0	332	97	237.8	18.7	6	323	96	194.9	22.6	0	330	98	235.5	19.2	2	328	97	56.0
NUTECH/G2 GENETICS	5FB-1010™	278.2	17.0	0	332	98	235.4	18.5	8	329	99	220.5	23.3	2	329	98	244.7	19.6	3	330	98	56.3
NUTECH/G2 GENETICS	5FB-6313™	282.5	17.5	0	303	90	256.1	19.7	2	319	94	196.4	26.8	1	318	95	245.0	21.3	1	313	93	54.8
NUTECH/G2 GENETICS	5FB-9909™	278.2	16.3	0	332	99	239.0	18.1	2	324	97	203.2	22.8	0	333	98	240.1	19.1	1	330	98	55.7
NUTECH/G2 GENETICS	5NN-8812™	276.4	17.6	1	316	92	232.8	19.7	1	302	89	183.0	23.6	0	302	89	230.7	20.3	1	307	90	56.5
NUTECH/G2 GENETICS	E5FN-A213	276.4	17.4	0	334	98	256.9	20.5	0	334	98	208.2	24.7	0	336	98	247.1	20.9	0	335	98	57.4
NUTECH/G2 GENETICS	E5FN-A310	284.1	17.7	1	328	97	240.7	19.4	7	327	95	204.4	23.1	0	316	93	243.1	20.1	3	324	95	56.5
RUPP	8xp843	278.9	16.9	0	341	100	252.5	18.4	2	336	98	208.5	22.9	1	333	98	246.6	19.4	1	336	99	55.9
RUPP	XR D10-16	288.2	16.8	0	337	99	261.0	18.2	0	334	99	214.1	24.5	1	323	96	254.4	19.9	1	331	98	58.0
RUPP	XR D11-57	278.4	16.4	1	334	98	251.6	18.7	6	333	100	189.6	22.7	0	333	98	239.9	19.3	2	333	99	56.0
RUPP	XR D12-49	286.6	17.3	0	334	99	246.0	19.5	2	333	99	221.8	24.9	0	334	100	251.5	20.6	1	334	99	55.8
SEED CONSULTANTS	SC 11AQ17	277.8	17.2	0	314	98	237.2	19.7	0	307	98	217.3	22.9	0	306	98	244.1	19.9	0	309	98	57.2
SEED CONSULTANTS	SCS 1105YHR™	275.1	16.0	0	314	100	252.6	18.9	0	306	98	205.2	24.6	0	293	93	244.3	19.8	0	304	97	56.9
SEED CONSULTANTS	SCS 1125YHR™	278.2	17.5	0	268	97	223.6	19.2	5	266	97	193.6	23.7	1	277	97	231.8	20.1	2	270	97	55.7
SEED CONSULTANTS	SCS 1136YHR™	290.6	18.4	0	287	99	232.1	20.4	20	285	97	204.0	24.6	0	280	96	242.2	21.1	7	284	97	57.6
SEED GENETICS - DIRECT	SG 1098-3111	281.1	16.4	0	341	96	252.3	18.7	0	336	98	203.1	23.6	0	338	98	245.5	19.6	0	338	97	53.7
SEED GENETICS - DIRECT	SG 1109-3220	276.2	16.4	0	346	97	248.9	19.2	2	338	97	169.1	21.5	2	341	97	231.4	19.0	1	342	97	55.0
SEED GENETICS - DIRECT	SG 1118-3000	274.2	17.3	0	324	97	249.4	19.8	1	333	99	207.4	23.4	0	332	99	243.7	20.2	1	330	98	56.4
SHUR GROW	SG 688VT2PRIB	284.1	17.0	0	315	93	247.9	18.7	2	325	95	220.6	24.7	0	325	96	250.9	20.1	1	322	95	57.4
SHUR GROW	SG 723VT2PRIB	271.2	17.4	0	332	98	244.1	19.2	2	328	97	187.2	23.6	2	330	97	234.2	20.1	1	330	97	57.9
WELLMAN SEEDS	W 2609DP	266.5	16.9	1	327	97	240.0	18.6	3	310	91	170.5	22.6	0	308	93	225.7	19.4	2	315	94	56.5
WELLMAN SEEDS	W 2812DP	280.5	16.8	0	329	97	244.9	19.6	0	332	98	204.9	26.1	1	324	97	243.4	20.8	0	328	97	55.3
WELLMAN SEEDS	W 2911DP	278.3	16.9	0	315	93	254.6	18.9	0	315	93	222.5	24.2	0	319	94	251.8	20.0	0	316	94	57.6
High		301.9	18.4	4	378	100	273.4	20.9	58	374	100	233.9	28.9	2	369	100	260.8	22.5	20	372	99	58.7
Average		280.1	17.0	0	340	97	247.7	19.2	4	339	97	206.8	24.3	0	337	97	244.9	20.2	2	339	97	56.5
Low		262.8	16.0	0	268	90	223.6	17.5	0	266	89	169.1	21.1	0	277	89	225.7	18.3	0	270	90	53.7
LSD .10		10.7	0.4	NS	10	3	14.7	6.4	11	10	2	13.8	1.1	NS	12	3	12.6	1.2	NS	7	2	0.8

SoilType	Luray Silty Clay Loam	Canfield Silt Loam	Bogart Silt Loam
Soil Test (pH,P,K)	6.9, 52, 288	5.8, 96, 326	6.0, 108, 240
Previous Crop	Soybeans	Soybeans	Soybeans
Planting /Harvest Dates	May 11 / Oct. 24, 2018	May 12 / Oct. 19, 2018	May 26 / Oct. 17, 2018
Tillage	Minimum Till	Minimum Till	Minimum Till
Fertilizer (N,P,K)	207, 26, 120	207, 80, 108	224, 104, 90
Cooperator	Crawford County Extension	Mike Sword / Ken Scaife, OARDC	B & B Farms
County	Crawford	Wayne	Mahoning

TABLE 8. Two year hybrid performance in NORTH CENTRAL AND NORTHEASTERN Ohio, 2017-2018.

		Bucyrus					Wooster					Beloit					Summary (Wooster and Beloit)					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
BA GENETICS	BA18-08	261.2	19.3	0	345	96	240.2	18.7	2	343	96	218.3	22.5	0	352	99	229.2	20.6	1	347	97	53.9
BA GENETICS	BA18-10						247.3	19.1	1	343	95	253.5	23.1	1	348	96	250.4	21.1	1	346	95	56.4
BA GENETICS	BA18-11						230.7	20.6	1	348	96	240.7	25.5	2	348	97	235.7	23.0	2	348	96	54.1
BA GENETICS	BA8484						248.5	21.4	1	341	97	235.3	26.0	0	341	97	241.9	23.7	0	341	97	54.8
CHANNEL	207-27STXRIB	271.9	20.1	0	361	96	249.7	18.9	0	361	98	236.9	25.1	0	366	99	243.3	22.0	0	363	98	55.1
CHANNEL	209-15VT2PRIB						240.0	19.3	3	360	99	228.7	23.3	1	364	99	234.4	21.3	2	362	99	55.3
CHANNEL	213-19VT2PRIB						255.1	20.4	2	361	98	239.3	26.0	0	358	97	247.2	23.2	1	359	97	55.4
DEKALB	DKC53-56RIB	242.1	18.7	1	347	97	236.3	17.2	1	347	97	193.7	20.3	0	347	97	215.0	18.8	0	347	97	57.2
DEKALB	DKC54-38RIB	244.2	19.1	0	344	95	242.9	17.9	0	348	97	224.7	22.1	0	339	94	233.8	20.0	0	344	95	57.1
DEKALB	DKC55-20RIB	253.2	18.5	0	337	94	248.5	17.2	0	350	97	238.3	21.2	0	350	97	243.4	19.2	0	350	97	55.7
DEKALB	DKC57-97RIB	265.1	19.7	0	345	96	242.4	18.6	0	348	97	217.7	23.1	2	337	95	230.1	20.8	1	343	96	55.8
DEKALB	DKC61-54RIB						242.6	20.9	1	358	99	228.2	24.1	0	357	99	235.4	22.5	1	358	99	56.0
DEKALB	DKC62-20RIB						252.4	19.9	0	352	98	227.7	24.7	0	344	96	240.1	22.3	0	348	97	54.8
DEKALB	DKC63-60RIB						247.6	21.2	1	353	98	247.1	25.3	0	354	98	247.4	23.3	0	354	98	55.8
DEKALB	DKC64-34RIB						230.9	20.6	0	350	96	215.1	26.0	1	351	98	223.0	23.3	0	351	97	55.1
DEKALB	DKC64-87RIB						256.8	21.0	0	356	99	244.4	24.8	0	352	98	250.6	22.9	0	354	98	54.6
DOEBLER'S	RPM® 4417AMXT™	245.9	19.6	0	325	96	236.6	18.3	0	331	96	235.9	21.3	0	330	97	236.2	19.8	0	331	97	57.0
DOEBLER'S	RPM® 5018AM™						238.3	19.1	1	336	99	225.9	22.1	0	331	98	232.1	20.6	1	334	99	54.2
DYNA-GRO	D51SS54						255.4	20.0	2	375	97	227.5	24.2	1	365	98	241.4	22.1	2	370	97	55.1
FS INVISION	FS 52RL0 EZR	238.3	17.9	1	354	98	225.7	17.8	1	348	95	194.8	20.6	2	340	95	210.3	19.2	1	344	95	56.0
FS INVISION	FS 59VL1 EZR						222.2	18.0	5	345	96	219.0	21.4	2	337	96	220.6	19.7	3	341	96	51.7
GOLDEN HARVEST	G09Y24-3220A						238.6	18.9	1	335	96	216.9	21.9	1	336	96	227.7	20.4	1	336	96	54.2
GOLDEN HARVEST	G10T63-3120						229.8	18.9	1	336	98	217.1	22.5	1	339	98	223.5	20.7	1	337	98	55.6
LG SEEDS	LG 5548STXRIB						245.5	20.0	1	369	99	255.0	24.3	1	369	98	250.3	22.2	1	369	99	55.2
NUTECH/G2 GENETICS	5F-308™	262.7	20.4	1	325	92	225.5	18.5	1	336	97	207.5	22.7	0	319	93	216.5	20.6	1	327	95	56.9
NUTECH/G2 GENETICS	5F-504™	259.0	18.9	0	337	97	240.0	18.2	1	332	96	238.9	20.8	1	338	98	239.4	19.5	1	335	97	56.7
NUTECH/G2 GENETICS	5F-709™						226.6	19.1	3	323	94	222.7	23.1	1	330	97	224.7	21.1	2	327	96	54.9
NUTECH/G2 GENETICS	5FB-1010™						219.0	19.5	5	332	97	230.5	22.2	4	334	96	224.8	20.8	4	333	97	55.9
NUTECH/G2 GENETICS	5H-806™	262.4	20.6	0	325	93	239.7	20.1	3	323	95	233.3	22.5	0	326	95	236.5	21.3	2	324	95	55.8
NUTECH/G2 GENETICS	5VN-4707™	242.9	17.9	0	334	96	238.6	19.0	0	328	96	209.1	23.8	0	325	95	223.9	21.4	0	327	95	54.1
RUPP	XR D06-70	246.8	17.9	0	334	95	234.0	17.2	1	340	97	214.5	20.8	0	327	94	224.3	19.0	1	333	96	56.8
RUPP	XR D07-72	249.9	19.0	0	310	90	229.8	17.8	0	321	94	226.8	22.2	0	318	93	228.3	20.0	0	320	94	56.7
SEED CONSULTANTS	SCS 1087YHR™	263.3	20.1	0	319	97	231.1	17.8	0	314	98	233.2	23.4	0	308	96	232.2	20.6	0	311	97	54.8
SEED CONSULTANTS	SCS 10HR43™	263.5	19.8	1	312	96	249.6	19.1	0	318	98	236.8	22.0	1	319	99	243.2	20.6	1	318	99	56.4
SHUR GROW	SG 668SSRIB	250.0	19.2	0	326	94	230.2	17.7	0	328	94	225.1	21.3	0	329	95	227.7	19.5	0	329	95	56.8
SHUR GROW	SG 723VT2PRIB						230.9	19.2	1	334	96	217.0	23.3	1	336	96	224.0	21.2	1	335	96	56.7
WELLMAN SEEDS	W 2609DP						235.6	19.8	2	314	91	209.0	23.1	0	317	93	222.3	21.5	1	316	92	54.7
WELLMAN SEEDS	W 2705DP	248.5	17.9	0	327	95	230.9	17.5	1	325	94	225.0	20.8	0	325	95	228.0	19.2	0	325	94	57.4
WELLMAN SEEDS	W 2708	245.8	19.2	1	329	95	245.8	18.4	1	323	93											
WELLMAN SEEDS	W 2807DP	245.7	18.7	0	319	93	233.1	17.7	0	314	91	227.0	21.4	1	310	91	230.0	19.6	0	312	91	56.7
WELLMAN SEEDS	W 2812DP						239.1	20.3	0	342	99	221.7	24.9	1	335	97	230.4	22.6	0	338	98	53.8
High		271.9	20.6	1	361	98	256.8	21.4	5	375	99	255.0	26.0	4	369	99	250.6	23.7	4	370	99	57.4
Average		253.1	19.1	0	333	95	238.6	19.0	1	340	96	226.5	23.0	1	339	96	232.5	21.0	1	340	96	55.5
Low		238.3	17.9	0	310	90	219.0	17.2	0	314	91	193.7	20.3	0	308	91	210.3	18.8	0	311	91	51.7

TABLE 9. Three year hybrid performance in NORTH CENTRAL AND NORTHEASTERN Ohio, 2016-2018.

		Bucyrus					Wooster					Beloit					Summary (Wooster and Beloit)					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	TW
		Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Bu/A	-----%-----		100/A	--%--	Lbs.
CHANNEL	207-27STXRIB	265.5	20.0	0	359	97	224.9	20.0	1	360	98	221.1	24.4	0	364	99	223.0	22.2	0	362	98	55.1
CHANNEL	213-19VT2PRIB						225.8	22.4	1	357	97	228.7	25.1	0	355	97	227.2	23.7	1	356	97	55.0
DEKALB	DKC53-56RIB	243.1	17.8	0	353	97	210.5	18.1	0	348	96	178.1	20.2	0	351	97	194.3	19.2	0	349	97	57.6
DEKALB	DKC54-38RIB	242.1	18.9	0	352	96	214.3	18.9	0	344	95	209.2	21.8	0	348	96	211.7	20.4	0	346	95	57.1
DEKALB	DKC55-20RIB	245.5	17.6	0	342	95	217.2	18.4	0	351	97	219.9	21.0	0	353	97	218.5	19.7	0	352	97	55.8
DEKALB	DKC61-54RIB						218.8	21.8	1	356	99	224.6	23.6	0	360	99	221.7	22.7	0	358	99	55.9
DEKALB	DKC63-60RIB						219.1	22.7	1	353	98	238.2	25.4	0	357	98	228.6	24.1	0	355	98	55.6
DEKALB	DKC64-87RIB						230.3	21.7	1	357	99	234.4	25.0	0	356	98	232.4	23.4	0	356	99	54.4
DYNA-GRO	D51SS54						226.4	21.0	2	369	96	216.4	24.4	1	363	98	221.4	22.7	1	366	97	54.9
LG SEEDS	LG 5548STXRIB						219.7	21.1	1	354	99	235.2	24.4	0	356	99	227.4	22.7	1	355	99	55.0
NUTECH/G2 GENETICS	5F-308™	254.7	20.0	1	330	94	200.8	19.2	1	331	96	199.7	22.5	1	324	95	200.3	20.8	1	327	95	57.1
NUTECH/G2 GENETICS	5F-504™	251.4	18.1	0	337	98	213.4	18.7	1	327	95	228.5	20.2	1	330	97	221.0	19.4	1	328	96	56.6
NUTECH/G2 GENETICS	5F-709™						204.0	19.3	2	319	93	218.4	22.5	1	331	97	211.2	20.9	1	325	95	55.5
NUTECH/G2 GENETICS	5H-806™	256.4	19.8	0	326	94	213.4	19.9	2	324	95	218.8	21.8	0	327	96	216.1	20.8	1	325	96	56.4
RUPP	XR D06-70	243.8	17.5	0	330	95	212.6	18.1	1	329	95	195.7	20.6	0	327	95	204.2	19.3	0	328	95	57.0
SEED CONSULTANTS	SCS 10HR43™	256.0	19.3	1	320	96	224.3	19.2	0	323	98	225.2	21.4	1	323	98	224.8	20.3	1	323	98	56.9
WELLMAN SEEDS	W 2609DP						213.3	20.1	1	312	91	186.1	22.2	0	318	94	199.7	21.2	1	315	92	54.7
WELLMAN SEEDS	W 2708	242.8	18.5	1	329	96	214.7	19.0	1	326	95											
High		265.5	20.0	1	359	98	230.3	22.7	2	369	99	238.2	25.4	1	364	99	232.4	24.1	1	366	99	57.6
Average		250.1	18.7	0	338	96	216.9	20.0	1	341	96	216.4	22.7	0	344	97	216.7	21.4	1	343	97	55.9
Low		242.1	17.5	0	320	94	200.8	18.1	0	312	91	178.1	20.2	0	318	94	194.3	19.2	0	315	92	54.4

TABLE 10. Combined regional summary of hybrid performance, 2018.

		Western Ohio (6 Sites)						Statewide All Regions (9 Sites)					
Brand	Hybrid	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Test Wt.	Yield	Harv. Mst.	Stk. Ldg.	Final Std.	Emg.	Test Wt.
		Bu/A	------%------		100/A	--%--	Lbs.	Bu/A	------%------		100/A	--%--	Lbs.
BA GENETICS	BA18-08	254.7	16.4	2	353	96	56.9	253.0	17.1	1	353	96	56.4
BA GENETICS	BA18-10	259.9	17.4	2	346	95	58.4	257.2	18.2	2	346	94	58.3
BA GENETICS	BA18-11	262.7	18.0	3	348	96	57.5	257.3	18.9	2	352	96	56.9
BA GENETICS	BA19-05	252.0	17.0	3	353	96	60.2	253.2	17.8	2	354	97	59.8
BA GENETICS	BA19-07	253.3	16.6	1	351	96	58.7	251.2	17.3	1	353	97	58.5
BA GENETICS	BA19-10	261.6	16.9	2	354	97	57.1	256.6	17.8	2	358	97	56.6
BA GENETICS	BA19-12	271.3	17.7	2	347	96	58.0	266.1	18.5	1	352	96	57.3
BA GENETICS	BA8484	264.9	18.1	1	346	96	59.1	262.4	19.2	1	348	96	58.4
CHANNEL	209-15VT2PRIB	276.6	17.1	1	352	98	57.2	268.3	18.0	1	355	98	56.8
CHANNEL	212-20VT2PRIB	258.0	18.0	1	354	97	58.1	256.9	18.9	1	355	97	57.6
CHANNEL	212-90STXRIB	257.2	18.3	13	349	97	57.9	254.1	19.2	15	350	97	57.2
CHANNEL	213-19VT2PRIB	263.7	18.6	1	354	97	58.1	261.3	19.5	1	354	97	57.7
DEKALB	DKC55-84RIB	253.2	16.3	2	343	97	57.0	249.6	17.1	2	344	97	56.7
DEKALB	DKC57-97RIB	247.1	17.0	1	324	93	58.4	243.9	17.7	1	327	94	58.1
DEKALB	DKC61-54RIB	252.1	18.1	4	338	97	59.2	250.4	19.0	3	340	98	58.7
DEKALB	DKC62-20RIB	261.1	17.0	5	340	98	57.7	257.1	17.9	4	339	98	57.5
DEKALB	DKC62-52RIB	265.7	17.4	2	340	98	57.5	257.3	18.2	1	342	98	57.3
DEKALB	DKC63-60RIB	257.0	18.9	10	342	98	59.0	255.9	19.7	7	342	98	58.5
DEKALB	DKC64-34RIB	262.7	18.7	1	334	96	58.1	257.3	19.7	1	336	96	57.7
DEKALB	DKC64-87RIB	265.8	18.3	3	342	98	58.2	263.6	19.2	2	342	98	57.6
DYNA-GRO	D51SS54	259.4	17.3	9	358	97	57.4	255.8	18.3	7	361	97	57.3
DYNA-GRO	D52SS63	258.9	18.2	9	356	98	58.1						
EBBERTS	6121VT2P RIB	257.1	18.0	6	350	97	57.1	252.1	19.0	4	355	97	56.4
EBBERTS	6138VT2P RIB	264.7	16.8	2	364	98	57.2	260.3	17.7	1	363	98	56.8
EBBERTS	6552VT2P RIB	271.1	17.8	2	347	95	58.2						
EBBERTS	6899VT2P RIB	259.1	18.1	9	356	97	59.5	256.7	19.0	7	357	97	59.2
EBBERTS	9292SSX RIB	266.9	18.5	1	355	96	59.9						
FS INVISION	FS 57ZX1 RIB	255.7	16.6	2	350	96	58.6	251.9	17.3	1	351	96	58.4
FS INVISION	FS 58G00	250.4	16.3	1	335	92	55.6	250.2	17.1	1	337	93	55.3
FS INVISION	FS 58R49	256.9	17.4	2	350	96	56.6	252.7	18.1	2	352	97	56.0
FS INVISION	FS 59VL1 EZR	244.1	16.9	2	347	96	55.8	240.5	17.4	2	349	96	55.2
FS INVISION	FS 60UX1 RIB	261.7	18.2	6	347	96	59.3	259.3	19.1	4	348	96	58.9
FS INVISION	FS 62ZX1 RIB	257.7	18.2	11	346	96	58.3	253.9	19.1	9	351	97	57.6
FS INVISION	FS 63ZV1 RIB	256.4	18.9	4	341	96	59.6	253.6	19.8	3	343	96	59.1
GOLDEN HARVEST	G09Y24-3220A	249.6	17.7	1	327	95	57.2	245.3	18.1	1	327	95	56.6
GOLDEN HARVEST	G10T63-3120	251.8	17.5	28	330	96	58.3	245.7	18.0	19	330	97	57.8
LG SEEDS	LG 5548STXRIB	256.8	17.5	4	356	98	58.1	258.2	18.5	3	359	98	57.7
LG SEEDS	LG 5590VT2RIB	265.0	17.5	1	343	97	56.9	260.3	18.5	1	348	98	56.4
LG SEEDS	LG 5606STXRIB	258.5	18.0	12	347	97	59.7	250.7	18.7	10	352	97	59.4
LG SEEDS	LG 5643VT2RIB	272.0	18.3	2	356	97	56.6	264.0	19.7	1	362	97	56.2
LG SEEDS	LG 5650VT2RIB	265.4	19.0	8	364	97	59.5						
LG SEEDS	LG 59C66VT2PRO	262.7	17.8	1	350	95	59.9	254.8	18.4	1	353	96	59.4
LG SEEDS	LG 62C02VT2PRO	271.9	17.4	4	359	99	58.2	261.2	18.1	3	363	98	57.7
NK	NK0962-3220A	251.3	17.6	3	335	97	57.1	247.7	18.1	3	334	97	56.6
NK	NK1284-3220	243.2	17.5	0	331	97	58.2						
NUTECH/G2 GENETICS	5FB-1010™	259.2	17.5	3	328	97	57.4	254.3	18.2	3	329	97	57.1
NUTECH/G2 GENETICS	5FB-6313™	261.0	18.3	1	322	95	56.2	255.7	19.3	1	319	94	55.8
NUTECH/G2 GENETICS	5NN-8812™	252.0	18.0	2	309	90	58.4	244.9	18.8	1	308	90	57.8
NUTECH/G2 GENETICS	E5FN-A213	263.9	18.4	2	335	97	58.6	258.3	19.2	1	335	97	58.2
NUTECH/G2 GENETICS	E5FN-A310	259.6	17.9	3	329	95	58.0	254.1	18.6	3	327	95	57.5
RUPP	XR D10-16	257.7	17.2	2	328	97	58.5	256.6	18.1	2	329	97	58.4
RUPP	XR D12-49	261.3	18.0	7	336	99	57.5	258.0	18.9	5	335	99	56.9
SEED CONSULTANTS	SCS 1086YHR™	257.0	17.3	1	264	91	57.5	250.7	17.8	2	266	91	57.0
SEED CONSULTANTS	SCS 1087YHR™	266.4	16.9	1	303	96	57.4	257.6	17.6	1	306	97	56.9
SEED CONSULTANTS	SCS 1105YHR™	267.4	17.2	2	315	97	58.7	259.7	18.1	1	312	97	58.1
SEED CONSULTANTS	SCS 1125YHR™	246.4	17.9	1	285	96	57.4	241.5	18.6	2	280	97	56.8
SEED CONSULTANTS	SCS 1136YHR™	255.3	18.9	4	295	96	58.8	250.9	19.7	5	291	97	58.4
SEED GENETICS - DIRECT	SG 1079-3010	253.9	17.6	3	338	96	58.6	246.2	18.1	2	337	96	58.2
SEED GENETICS - DIRECT	SG 1098-3111	251.9	17.5	2	332	97	55.6	249.8	18.2	1	334	97	55.0
SEED GENETICS - DIRECT	SG 1109-3220	249.5	17.6	2	334	95	57.1	243.5	18.1	2	337	96	56.4
SEED GENETICS - DIRECT	SG 1118-3000	259.9	18.0	1	330	97	58.5	254.5	18.7	1	330	98	57.8
SHUR GROW	SG 677VT2PRIB	242.7	17.4	4	311	93	56.5						
SHUR GROW	SG 688VT2PRIB	252.9	17.2	2	321	95	58.5	252.2	18.2	1	321	95	58.1
SHUR GROW	SG 716VT2PRIB	238.3	17.3	3	320	94	58.3						
SHUR GROW	SG 723VT2PRIB	252.5	17.9	2	326	96	58.8	246.4	18.6	1	327	96	58.5
STEWART SEEDS	8E623RIB	273.6	17.7	2	355	98	57.0						
STEWART SEEDS	09SS409	264.5	17.0	1	352	97	57.8						
STEWART SEEDS	10DP099	271.1	17.1	7	349	96	57.7						
STEWART SEEDS	11SS718	263.6	18.6	10	349	97	57.8						
STEWART SEEDS	12DP209	271.6	17.5	3	349	97	56.6						
WELLMAN SEEDS	W 2609DP	246.3	17.3	8	324	95	56.6	239.5	18.0	6	321	95	56.6
WELLMAN SEEDS	W 2705DP	246.9	16.2	2	316	93	58.9	245.2	16.8	2	319	93	58.7
WELLMAN SEEDS	W 2708	245.7	16.9	2	318	95	57.0	243.2	17.7	1	317	94	57.1
WELLMAN SEEDS	W 2807DP	238.1	16.4	0	309	91	57.7	235.2	17.1	0	308	91	57.4
WELLMAN SEEDS	W 2812DP	248.3	17.9	3	331	98	57.3	246.7	18.9	2	330	98	56.6
WELLMAN SEEDS	W 2903DP	236.9	16.6	1	320	95	58.4	232.9	17.2	0	313	93	58.4
WELLMAN SEEDS	W 2911DP	250.2	17.2	2	315	94	58.3	250.7	18.1	1	316	94	58.1
High		276.6	19.0	28	364	99	60.2	268.3	19.8	19	363	99	59.8
Average		257.6	17.6	4	337	96	57.9	252.9	18.4	3	337	96	57.5
Low		236.9	16.2	0	264	90	55.6	232.9	16.8	0	266	90	55.0
LSD .10		8.5	0.4	5	9	1	0.8	7.5	0.5	4	7	1	0.6

TABLE 11. Seed source, table location, technology traits and seed treatments for hybrids tested in 2018.

Brand	Seed Source	Hybrid No.	---Table No.---	Technology Traits*	Fungicide Seed Treatment	Insecticide/Nematicide Seed Treatment/Rate
AGRIGOLD	AGRIGOLD	A638-74VT2PRO	1E	RR,CB		Poncho 500 / Votivo
HYBRIDS	5381 AKIN RD.	A639-40VT2RIB	1E	RR,CB		Poncho 500 / Votivo
	ST. FRANCISVILLE, IL 62460	A641-06VT2PRO	1E	RR,CB		Poncho 500 / Votivo
	800-262-7333	A641-78STXRIB	1E	RR,CB,RW,LL		Poncho 500 / Votivo
	agrigold.com	A642-59VT2PRIB	1L	RR,CB		Poncho 500 / Votivo
		A6544VT2PRIB	1L	RR,CB		Poncho 500 / Votivo
		A6572VT2PRIB	1L	RR,CB		Poncho 500 / Votivo
		A6579VT2PRIB	1L	RR,CB		Poncho 500 / Votivo
		A6619VT2RIBD1	1L	RR,CB,DT		Poncho 500 / Votivo
BA GENETICS	BA GENETICS	BA18-08	1E, 4E, 7E, 10	RR,CB	Acceleron	Poncho 250
	2180 PINE RD.	BA18-10	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
	CELINA, OH 45822	BA18-11	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
	419-305-5481	BA18-15	1L	RR,CB	Acceleron	Poncho 250
	bagenetics.us	BA19-05	1E, 4E, 7E, 10	RR,CB	Acceleron	Poncho 500
		BA19-07	1E, 4E, 7E, 10	RR,CB,RW,LL	Acceleron	Poncho 500
		BA19-10	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 500
		BA19-12	1L, 4L, 7L, 10	RR,CB	Acceleron	Poncho 500
		BA19-14	1L	RR,CB	Acceleron	Poncho 500
		BA8484	1L, 4L, 7L, 10	RR	Acceleron	Poncho 250
BRODBECK	BRODBECK SEEDS	9808	1E	RR	Maxim Quattro	Cruiser 500
SEEDS	15 RINGLEL AVE.	46PW10E	1E	RR,CB,LL,EN	Maxim Quattro	Cruiser 500
	WABASH, IN 46992	46RA09	1E	RR,CB,LL	Maxim Quattro	Cruiser 500
	260-563-3163	48PW09E	1E	RR,CB,LL,EN	Maxim Quattro	Cruiser 500
	brodbrckseed.com	49PW12	1L	RR,CB,LL	Maxim Quattro	Cruiser 500
		49PW14	1L	RR,CB,LL	Maxim Quattro	Cruiser 500
		54RA14	1L	RR,CB,RW,LL	Maxim Quattro	Cruiser 500
CHANNEL	CHANNEL SEED	204-74VT2PRIB	4E, 7E	RR,CB	Acceleron	Poncho 250
	800 N. LINDBERGH BLVD.	206-11VT2PRIB	4E, 7E	RR,CB	Acceleron	Poncho 250
	ST. LOUIS, MO 63167	207-27STXRIB	4E, 7E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
	419-569-8591	209-15VT2PRIB	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
	channel.com	210-79DGVT2PRIB	4L, 7L	RR,CB,DT	Acceleron	Poncho 250
		212-20VT2PRIB	1L, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
		212-90STXRIB	1L, 4L, 7L, 10	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
		213-19VT2PRIB	1L, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
		215-75VT2PRIB	1L	RR,CB	Acceleron	Poncho 250
		216-36DGVT2PRIB	1L	RR,CB,DT	Acceleron	Poncho 250
		218-44STXRIB	1L	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
DAIRYLAND	DAIRYLAND SEED	DS-7513	4L	RR,CB,LL	Intego	Cruiser 500
SEED	P.O. BOX 958	DS-7909PE	4L	RR,CB,EN	Intego	Cruiser 500
	WEST BEND, WI 53095	DS-9412RA	4L	RR,CB,RW,LL	Intego	Cruiser 500
	800-236-0163	DS-9508RA	4E	RR,CB,RW,LL	Intego	Cruiser 500
	dairylandseed.com	DS-9510RA	4L	RR,CB,RW,LL	Intego	Cruiser 500
DEKALB	MONSANTO	DKC52-68RIB	4E, 7E	RR,CB	Acceleron	Poncho 500 / Votivo
	800 N. LINDBERGH BLVD.	DKC53-56RIB	4E, 7E	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	ST. LOUIS, MO 63167	DKC54-38RIB	4E, 7E	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	800-768-6387	DKC55-20RIB	4E, 7E	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	aganytime.com	DKC55-84RIB	1E, 4E, 7E, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC57-97RIB	1E, 4E, 7E, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC61-54RIB	1E, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC62-20RIB	1L, 4L, 7L, 10	RR,CB	Acceleron	Poncho 500 / Votivo
		DKC62-52RIB	1L, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC63-60RIB	1L, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC64-34RIB	1L, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC64-87RIB	1L, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		DKC67-42RIB	1L	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
DOEBLER'S	DOEBLER'S PA HYBRIDS INC.	RPM® 3518AM™	1E, 7E	RR,CB,LL	Raxil	Cruiser 250 / Lumivia
	1000 COMMERCE PARK DR.	RPM® 3618AMXT™	1E, 7E	RR,CB,RW,LL	Raxil	Cruiser 250 / Lumivia
	WILLIAMSPORT, PA 17701	RPM® 4018AMXT™	1E, 7E	RR,CB,RW,LL	Raxil	Cruiser 250 / Lumivia
	570-980-3906	RPM® 4219AM™	1E, 7E	RR,CB,LL	Raxil	Cruiser 250 / Lumivia
	doeblers.com	RPM® 4318AMXT™	1E, 7E	RR,CB,RW,LL	Raxil	Cruiser 250
		RPM® 4417AMXT™	1E, 7E	RR,CB,RW,LL	Raxil	Cruiser 250
		RPM® 5018AM™	1E, 7L	RR,CB,LL	Raxil	Cruiser 250 / Lumivia
		RPM® 5319AM™	1L, 7L	RR,CB,LL	Raxil	Cruiser 250 / Lumivia
DYNA-GRO	DYNA-GRO SEED	D46VC62	4E	RR,CB	Acceleron	Poncho 500 / Votivo
	8888 KEYSTONE CROSSING	D47VC29	4E	RR,CB	Acceleron	Poncho 500 / Votivo
	SUITE 825	D49VC70	1E, 7L	RR,CB	Acceleron	Poncho 500 / Votivo
	INDIANAPOLIS, IN 46032	D51SS54	1E, 4L, 7L, 10	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
	317-844-5967	D52SS63	1L, 4L, 10	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
	dynagroseed.com	D52VC15	1L	RR,CB	Acceleron	Poncho 500 / Votivo
		D54VC52	1L	RR,CB	Acceleron	Poncho 500 / Votivo

***CB, RW, CEW - Corn Borer, Rootworm, Ear Worm Resistance; RR, GT - Glyphosate Tolerant; LL - Liberty Link; VIP - Viptera; DT - Drought Tolerant; NON-GMO - No Transgenic Traits**

TABLE 11. Seed source, table location, technology traits and seed treatments for hybrids tested in 2018 (continued).

Brand	Seed Source	Hybrid No.	---Table No.---	Technology Traits*	Fungicide Seed Treatment	Insecticide/Nematicide Seed Treatment/Rate
EBBERTS	6840 NORTH St.Rt. 48	6138VT2P RIB	1E, 4E, 7E, 10	RR,CB	Acceleron	Poncho 500 / Votivo
	COVINGTON, OH 45318	6552VT2P RIB	1L, 4L, 10	RR,CB	Acceleron	Poncho 500 / Votivo
	937-473-2521	6643VT2P	1L	RR,CB	Acceleron	Poncho 500 / Votivo
	ebbertsseeds.com	6899VT2P RIB	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
		6933VT2P RIB	1L	RR,CB	Acceleron	Poncho 250
		9292SSX RIB	1L, 4L, 10	RR,CB,RW,LL	Acceleron	Poncho 250
		9356SSX RIB	4E, 7E	RR,CB,RW,LL	Acceleron	Poncho 500 / Votivo
FS INVISION	GROWMARK, INC.	FS 51QX1 RIB	4E, 7E	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	1701 TOWANDA AVE.	FS 52RL0 EZR	4E, 7E	GT,CB	Acceleron	Poncho 250
	BLOOMINGTON, IL 61701	FS 53ZX1 RIB	4E, 7E	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	309-557-6234	FS 55RL1 EZR	4E, 7E	GT,CB,VIP	Cruiser / Vibrance	Cruiser 500 / Avicta
	growmark.com	FS 57ZX1 RIB	1E, 4E, 7E, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		FS 58G00	1E, 4E, 7E, 10	NonGMO	Acceleron	Poncho 250
		FS 58R49	1E, 4E, 7E, 10	GT,CB,RW,LL,VIP	Cruiser / Vibrance	Cruiser 500 / Avicta
		FS 59VL1 EZR	1E, 4L, 7L, 10	GT,CB,LL,VIP	Acceleron	Poncho 250
		FS 60UX1 RIB	1E, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		FS 62ZX1 RIB	1L, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
		FS 63ZV1 RIB	1L, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
		FS 64SV1 RIB	1L	RR,CB	Acceleron	Poncho 250
GOLDEN HARVEST BRAND	GOLDEN HARVEST BRAND	G06Q68-3220	4E, 7E	GT,CB,LL,VIP	Avicta Complete w/Vibrance	Cruiser 250 / Avicta
	7934 BEARS PASS	G08M20-3010	4E, 7E	GT,CB,LL	Avicta Complete w/Vibrance	Cruiser 500 / Avicta
	CHURUBUSCO, IN 46723	G09A86-3000GT	4L, 7L	GT,CB,RW,LL	Avicta Complete w/Vibrance	Cruiser 500 / Avicta
	260-413-2676	G09Y24-3220A	1E, 4L, 7L, 10	GT,CB,LL,VIP	Avicta Complete w/Vibrance	Cruiser 500 / Avicta
	goldenharvetseeds.com	G10T63-3120	1E, 4L, 7L, 10	GT,CB,LL	Avicta Complete w/Vibrance	Cruiser 500 / Avicta
		G12W66-3220	1L	GT,CB,LL,VIP	Avicta Complete w/Vibrance	Cruiser 500 / Avicta
		G13Z50-3110	1L	GT,CB,LL,VIP	Avicta Complete w/Vibrance	Cruiser 500 / Avicta
GRO-MOR	LUCKEY FARMERS, INC.	GM 58V76	4E	GT,CB,LL	Cruiser Maxx	Cruiser 500
	1200 W. MAIN ST., PO BOX 217	GM 60V86EZ	4L	GT,CB,LL,VIP	Cruiser Maxx	Cruiser 500
	WOODVILLE, OH 43469	GM 62G17	4L	GT	Cruiser Maxx	Cruiser 500
	419-849-2711					
	luckeyfarmers.com					
LG SEEDS	LG SEEDS	LG 5525VT2RIB	4E, 7E	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
	9915 W M21	LG 5548STXRIB	1E, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	OVID, MI 48866	LG 5590VT2RIB	1E, 4L, 7L, 10	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
	989-834-2251	LG 5606STXRIB	1E, 4L, 7L, 10	RR,CB,RW,LL,CEW	Acceleron	Poncho 500 / Votivo
	lgseeds.com	LG 5643VT2RIB	1L, 4L, 7L, 10	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
		LG 5650VT2RIB	1L, 4L, 10	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
		LG 57C28VT2PRO	4E, 7E	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
		LG 58C77VT2PRO	4E, 7E	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
		LG 59C66VT2PRO	1E, 4L, 7L, 10	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
		LG 62C02VT2PRO	1L, 4L, 7L, 10	RR,CB,CEW	Acceleron	Poncho 500 / Votivo
LOCAL SEED	LOCAL SEED COMPANY	LC0488SSX	7E	RR,CB,RW,LL	Maxim Quattro	Cruiser 250
	802 ROZELLE ST.	LC0877VT2P	7E	RR,CB	Maxim Quattro	Cruiser 250
	MEMPHIS, TN 38104	LS1289VT2P	7L	RR,CB	Maxim Quattro	Cruiser 250
	901-260-6000	ZS1487	7L	NonGMO	Maxim Quattro	Cruiser 250
	localseed.com					
NK BRAND	NK BRAND	NK0330-3120	4E, 7E	GT,CB,LL	Avicta Complete w/Vibrance	Cruiser 250 / Abamectin
	11055 WAYZATA BLVD.	NK0624-3220	4E, 7E	GT,CB,LL,VIP	Avicta Complete w/Vibrance	Cruiser 250 / Abamectin
	MINNETONKA, MN 55305	NK0962-3220A	1E, 4L, 7L, 10	GT,CB,LL,VIP,DT	Avicta Complete w/Vibrance	Cruiser 500 / Abamectin
	612-656-8600	NK1066-3122	4L, 7L	GT,CB,RW,LL	Avicta Complete w/Vibrance	Cruiser 500 / Abamectin
	syngenta.com	NK1284-3220	1L, 4L, 10	GT,CB,LL,VIP	Avicta Complete w/Vibrance	Cruiser 500 / Abamectin
		NK1354-3110	1L	GT,CB,LL	Avicta Complete w/Vibrance	Cruiser 500 / Abamectin
		NK1452-3122	1L	GT,CB,RW,LL	Avicta Complete w/Vibrance	Cruiser 500 / Abamectin
NUTECH SEED	NUTECH SEED, LLC	5F-308™	4E, 7E	RR,CB,LL	Maxim Quattro / Ethaboxam	Poncho 500 / Votivo
	2321 NORTH LOOP DRIVE	5F-504™	4E, 7E	RR,CB,LL	Maxim Quattro / Ethaboxam	Poncho 500 / Votivo
	AMES, IA 50010	5F-709™	4L, 7L	RR,CB,LL	Maxim Quattro / Ethaboxam	Poncho 500 / Votivo
	800-942-6748	5FB-1010™	1E, 4L, 7L, 10	RR,CB,LL	Maxim Quattro / Ethaboxam	Poncho 500 / Votivo
	nutechseed.com	5FB-6313™	1L, 4L, 7L, 10	RR,CB,LL	Maxim Quattro / Ethaboxam	Cruiser 250 / Lumivia
		5FB-9909™	4L, 7L	RR,CB,LL	Maxim Quattro / Ethaboxam	Cruiser 250 / Lumivia
		5H-806™	4E, 7E	RR,CB,LL	Maxim Quattro / Ethaboxam	Poncho 500 / Votivo
		5NN-8812™	1L, 4L, 7L, 10	GT,CB,RW,LL	Maxim Quattro / Ethaboxam	Cruiser 250 / Lumivia
		5VN-4707™	4E, 7E	GT,CB,RW,LL	Maxim Quattro / Ethaboxam	Poncho 500 / Votivo
		E5FN-A213	1L, 4L, 7L, 10	RR,CB,LL	Maxim Quattro / Ethaboxam	Cruiser 250 / Lumivia
		E5FN-A310	1E, 4L, 7L, 10	RR,CB,LL	Maxim Quattro / Ethaboxam	Cruiser 250 / Lumivia
		E5FN-A808	4E, 7E	RR,CB,LL	Maxim Quattro / Ethaboxam	Cruiser 250 / Lumivia
RUPP	RUPP SEEDS, INC.	8xp843	4L, 7L	RR,CB	Acceleron	Cruiser 250
	17919 CO. RD. B	XR A08-78	4E	GT,CB,LL,VIP	Acceleron	Cruiser 250
	WAUSEON, OH 43567	XR D06-70	4E, 7E	RR,CB	Acceleron	Poncho 500 / Votivo
	877-591-7333	XR D07-72	4E, 7E	RR,CB	Acceleron	Poncho 250
	ruppseeds.com	XR D10-16	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
		XR D11-57	4L, 7L	RR,CB	Acceleron	Poncho 250
		XR D12-49	1L, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250

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TABLE 11. Seed source, table location, technology traits and seed treatments for hybrids tested in 2018 (continued).

Brand	Seed Source	Hybrid No.	---Table No.---	Technology Traits*	Fungicide Seed Treatment	Insecticide/Nematicide Seed Treatment/Rate
SEED	SEED CONSULTANTS, INC.	SC 10AGT59	1E, 4E, 7E	GT,CB,LL		
CONSULTANTS	648 MIAMI TRACE RD. SW	SC 11AQ17	4L, 7L	GT,CB,RW,LL		
	WASHINGTON C. H., OH 43160	SCS 1018YHR™	4E, 7E	RR,CB,LL		
	800-708-2676	SCS 1086YHR™	1E, 4E, 7E, 10	RR,CB,LL		
	seedconsultants.com	SCS 1087YHR™	1E, 4E, 7E, 10	RR,CB,LL		
		SCS 10HR43™	4E, 7E	RR,CB,LL		
		SCS 1105YHR™	1E, 4L, 7L, 10	RR,CB,LL		
		SCS 1125YHR™	1L, 4L, 7L, 10	RR,CB,LL		
		SCS 1136YHR™	1L, 4L, 7L, 10	RR,CB,LL		
		SCS 1158YHR™	1L	RR,CB,LL		
		SCS 1168YHR™	1L	RR,CB,LL		
SEED GENETICS	SEED GENETICS--DIRECT	SG 1079-3010	1E, 4E, 7E, 10	GT,CB,LL	Cruiser Maxx / Vibrance	Cruiser 250
DIRECT	9983 JEFFERSONVILLE -	SG 1098-3111	1E, 4L, 7L, 10	GT,CB,RW,LL,VIP	Cruiser Maxx / Vibrance	Cruiser 250
	W. LANCASTER RD.	SG 1109-3220	1E, 4L, 7L, 10	GT,CB,LL,VIP	Cruiser Maxx / Vibrance	Cruiser 250
	JEFFERSONVILLE, OH 43128	SG 1118-3000	1E, 4L, 7L, 10	GT,CB,RW,LL	Maxim Quattro / Vibrance	Cruiser 500
	740-505-0073	SG 1146-3010	1L	GT,CB,LL	Maxim Quattro / Vibrance	Cruiser 500
	seedgeneticsdirect.com	SG 1149	1L	NonGMO	Cruiser Maxx / Vibrance	Cruiser 250
		SG 1169-3220	1L	GT,CB,LL,VIP	Cruiser Maxx / Vibrance	Cruiser 250
SEEDWAY	SEEDWAY	SW5440GENSS RIB	4E	RR,CB,RW,LL		
	275 NORTH EIGHTH ST.	SW6630GENSS RIB	4L	RR,CB,RW,LL	Maxim	Cruiser 250
	MIFFLINBURG, PA 17844	SW6770GENSS RIB	4L	RR,CB,RW,LL		
	800-338-2137	SW6780VT2P RIB	4L	RR,CB,LL		
	seedway.com					
SHUR GROW	HERITAGE COOPERATIVE	SG 638VT2PRIB	4E, 7E	RR,CB	Acceleron	Poncho 250
	6239 SR 187	SG 663VT2PRIB	4E, 7E	RR,CB	Acceleron	Poncho 250
	MECHANICSBURG, OH 43358	SG 668SSRIB	4E, 7E, 7L	RR,CB,RW,LL	Acceleron	Poncho 250
	800-231-SEED	SG 677VT2PRIB	1E, 4E, 10	RR,CB	Acceleron	Poncho 250
	heritagecooperative.com	SG 688VT2PRIB	1E, 4L, 10	RR,CB	Acceleron	Poncho 250
		SG 716VT2PRIB	1E, 4L, 10	RR,CB	Acceleron	Poncho 250
		SG 723VT2PRIB	1E, 4L, 7L, 10	RR,CB	Acceleron	Poncho 250
		SG 727VT2PRIB	1E	RR,CB	Acceleron	Poncho 250
		SG 748SSRIB	1L	RR,CB,RW,LL	Acceleron	Poncho 250
STEWART	STEWART SEEDS	07SS619	4E	RR,CB,RW,LL	Acceleron Elite	Poncho 500 / Votivo
SEEDS	2230 EAST CR 300 NORTH	09SS409	1E, 4L, 10	RR,CB,RW,LL	Acceleron Elite	Poncho 500 / Votivo
	GREENSBURG, IN 47240	8E623RIB	1L, 4L, 10	RR,CB	Acceleron Elite	Poncho 250 / Votivo
	800-365-SEED	10DP099	1E, 4L, 10	RR,CB	Acceleron Elite	Poncho 250 / Votivo
	stewartseeds.com	11SS718	1E, 4L, 10	RR,CB,RW,LL	Acceleron Elite	Poncho 500 / Votivo
		12DP209	1L, 4L, 10	RR,CB	Acceleron Elite	Poncho 250 / Votivo
		14DD339	1L	RR,CB,DT	Acceleron Elite	Poncho 250 / Votivo
		17DP387	1L	RR,CB	Acceleron Elite	Poncho 250 / Votivo
		7E224RIB	4L	RR,CB	Acceleron Elite	Poncho 250 / Votivo
VIKING	ALBERT LEA SEED	O.13-07	1E	NonGMO		
	1414 W. MAIN ST., PO BOX 127	O.44-98	4E	NonGMO		
	ALBERT LEA, MN 56007	O.48-08	1E	NonGMO		
	800-352-5247	O.51-04	4E, 7E	NonGMO		
	alseed.com	O.55-02	4E, 7E	NonGMO		
WELLMAN	WELLMAN SEEDS, INC.	W 2609DP	1E, 4L, 7L, 10	RR,CB	ENCASE for Corn	
SEEDS	23778 DELPHOS JENNINGS RD.	W 2705DP	1E, 4E, 7E, 10	RR,CB	ENCASE for Corn	
	DELPHOS, OH 45833	W 2708	1E, 4E, 7E, 10	NonGMO	ENCASE for Corn	
	800-717-7333	W 2807DP	1E, 4E, 7E, 10	RR,CB	ENCASE for Corn	
	wellmanseeds.com	W 2812DP	1L, 4L, 7L, 10	RR,CB	ENCASE for Corn	
		W 2903DP	1E, 4E, 7E, 10	RR,CB	ENCASE for Corn	
		W 2911DP	1E, 4L, 7L, 10	RR,CB	ENCASE for Corn	

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