

2005 OHIO CORN PERFORMANCE TEST

R.J. Minyo, Research Associate, Dept. of Horticulture & Crop Science
A.B. Geyer, Research Associate, Dept. of Horticulture & Crop Science
P.R. Thomison, Professor, Dept. of Horticulture & Crop Science
B.L. Bishop, Senior Statistician, Computing & Statistical Services
D.G. Lohnes, Web Developer, Communications & Technology
Ohio State University Extension/Ohio Agricultural Research & Development Center

The purpose of the Ohio Corn Performance Test is to evaluate corn hybrids for yield, grain quality, 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 were invited to enter hybrids in the test. An entry fee was charged to cover expenses. Companies were permitted to enter an unlimited number of hybrids. Eleven sites were available for hybrid evaluation. Testing was available in three regions of Ohio (Southwestern and West Central; Northwestern; North Central and Northeastern). Companies were required to enter a hybrid in three sites within a testing region. Testing was also conducted at two other sites that have unique environments. The Coshocton location (east central Ohio) is in an area of high gray leaf spot incidence. The Piketon location (southern Ohio) is representative of river bottom fields in southern Ohio. Evaluation techniques for hybrids at these sites were the same as those used in the regional testing program. Each hybrid entry in the regional trials was evaluated using three replications per site in a randomized complete block design. At Piketon and Coshocton, four replications were used. In the regional tests, hybrids were planted either in an early or full season maturity trial based on relative maturity information provided by the companies. In the Southwestern and West Central region, the relative maturity of hybrid entries in the early maturity trial was 110 days or earlier; the relative maturity of hybrid entries in the full season trial was 111 days or later. In the Northwestern and North Central and Northeastern regions, the relative maturity of hybrid entries in the early maturity trial was 108 days or earlier; the relative maturity of hybrid entries in the full season trial was 109 days or later.

Hybrids were planted with a commercial type planter adapted for plot planting. Each plot consisted of four 30-inch rows approximately 25 feet long. Seed corn producers selected a final stand and percent overplant for each hybrid entered. Fertilizer, herbicides and insecticides were applied according to recommended cultural practices for obtaining optimum grain yields. Details concerning the establishment and management of each 2005 test are listed in footnotes below the tables. At the time this publication went to press, soil test analyses were not yet completed. When the results are available, they will be posted online at <http://www.ag.ohio-state.edu/~perf/> and <http://agcrops.osu.edu/>.

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 kernels planted, and was reported as a percentage of the kernels planted.

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

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

PROTEIN - OIL - STARCH (PROT-OIL-STRCH). An analysis for crude protein, oil, and starch was performed on dried samples by the OSU Grain Quality Laboratory using a near-infrared transmittance whole grain analyzer with a SystemOne program calibration. Results are reported as percent protein, oil, and starch content at 15.0 percent grain moisture.

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

2005 GROWING CONDITIONS

Environmental conditions varied greatly across Ohio during the 2005 growing season, especially with regard to the amount and distribution of precipitation. Cool, wet soil conditions during emergence and early vegetative growth were followed by warm, dry conditions that began as early as mid June at some locations. Temperatures during grain fill were generally warmer than normal. Rainfall was near normal to below normal. Rainfall deficits were most pronounced at test sites in the Southwestern and West Central region.

RESULTS

Results of the 2005 testing program are presented in Tables 1 to 11. The seed source and table location for hybrids tested in 2005 are shown in Table 12. The insecticide and fungicide seed treatments associated with each hybrid entry are indicated in Table 12. In the tables for the regional trials, yields and other agronomic performance characteristics have been averaged across the individual tests and shown under the SUMMARY heading. Hybrids are listed in increasing order of summary grain moisture content at harvest in the regional trials.

Despite periods of hot, dry weather, excellent grain yields were recorded at several test sites in northern Ohio. Stalk lodging was severe at the three test sites in southwestern and west central Ohio, which was the region most affected by drought conditions. However, stalk lodging was negligible at other test sites.

Confidence in test results increases with the number of years and the number of locations in which the hybrid was tested. Data from a single test site should be avoided, especially if the site was characterized by abnormal growing conditions. Look for consistency in a hybrid's performance across a range of environmental conditions. Grain moisture percentage at harvest can provide a basis for comparing hybrid maturity, especially when grain moisture levels average above 20% at a test site. Yield, standability, test weight, and other comparisons should be made between hybrids of similar maturity to determine those best adapted to your farm. Since environmental conditions affect grain composition, the values reported for protein, oil, and starch should be used for comparison purposes and not as absolute values for feeding.

Results of the crop performance trials for 2005 and previous years are available online at: <http://www.ag.ohio-state.edu/~perf/> and <http://agcrops.osu.edu/>.

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Keith L. Smith, Associate Vice President for Ag. Adm. and Director, OSU Extension.

TDD No. 800-589-8292 (Ohio only) or 614-292-1868

Acknowledgments: We thank our farmer cooperators for their contributions to the 2005 corn hybrid testing program. We are grateful for the assistance provided by Clarence Renk, OARDC Western Branch, Lyn Ault, OARDC Wooster, Matt Davis, OARDC Northwest Branch, Jim Rich, FFA/Riverview High School, Andy Kleinschmidt, OSU-Van Wert Co. Extension, and Steve Prochaska, OSU- Crawford Co. Extension.

TABLE 1E. Performance of hybrids in the early maturity trial. SOUTHWESTERN AND WEST CENTRAL Ohio, 2005

BRAND	HYBRID	SOUTH CHARLESTON					WASHINGTON C.H.					GREENVILLE					SUMMARY					CHARACTERISTICS				
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK	PROT	OIL	STARCH
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY	%	%	%
		BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	BU/A	-----%	-----	100/A	--%--	LBS	DAY	-----%	-----	-----
DEKALB	DKC 57-30	168.0	16.1	32	306	98	146.8	17.2	19	302	94	147.1	17.6	3	313	97	154.0	17.0	18	307	96	57.8	196	8.9	4.0	63.2
ASGROW	RX 668RR2/YG	189.3	16.8	2	348	99	156.6	17.4	1	341	92	145.2	17.1	35	352	100	163.7	17.1	13	347	97	57.7	196	8.1	3.6	63.1
UNITY SEEDS	6250	166.2	17.6	15	292	99	162.3	17.1	6	283	92	148.3	17.7	32	306	98	159.0	17.5	18	293	96	57.5	197	8.6	3.6	63.2
PIONEER	35D28	191.9	17.5	70	313	94	169.2	17.2	60	316	97	203.2	17.8	6	324	98	188.1	17.5	45	318	96	58.4	196	8.6	3.3	63.4
LG SEEDS	LG 2540Bt	192.9	17.8	26	322	98	166.9	17.9	43	307	94	170.2	16.9	20	328	99	176.7	17.5	30	319	97	57.9	197	7.9	3.6	63.5
SEED CONSULTANTS	SC 10B94	184.1	18.5	66	317	97	159.8	17.4	30	307	94	152.6	16.9	30	338	98	165.5	17.6	42	321	96	57.5	196	7.6	3.7	63.5
UNITY SEEDS	8209	165.4	17.9	15	319	98	170.7	17.4	2	300	91	161.0	17.8	2	327	97	165.7	17.7	6	316	95	58.1	194	9.3	3.8	63.4
EBBERTS	E2407	176.8	18.1	5	308	100	172.9	18.0	2	304	95	174.1	17.3	8	315	99	174.6	17.8	5	309	98	58.7	195	8.4	3.9	63.8
PIONEER	35A30	180.6	17.8	65	338	98	153.6	18.1	64	317	93	160.1	17.6	40	336	94	164.8	17.8	57	331	95	58.6	198	8.3	3.5	64.3
PIONEER	34D72	183.4	18.2	34	327	99	175.7	17.7	10	329	98	167.5	17.8	3	337	100	175.5	17.9	16	331	99	59.4	196	8.3	3.8	63.8
RUPP	XR 8544	172.3	19.1	60	282	97	180.3	17.7	9	285	93	167.6	17.0	11	304	98	173.4	17.9	27	290	96	57.9	196	7.9	3.7	62.3
PIONEER	34P88	195.5	18.9	12	316	98	162.0	17.7	6	321	96	157.5	17.4	4	332	100	171.7	18.0	7	323	98	58.5	196	8.4	3.8	63.7
WRAY SEEDS	7571	182.5	19.2	32	293	95	176.7	17.6	10	266	96	152.5	17.2	40	292	98	170.6	18.0	27	284	97	58.1	197	7.8	3.9	63.4
BIO GENE SEEDS	LLVt 1087	183.8	17.7	56	313	99	181.6	18.3	10	317	98	185.0	18.4	31	335	99	183.5	18.1	32	322	99	55.9	196	8.0	3.7	64.3
SEED CONSULTANTS	SC 1085	177.6	18.8	57	305	96	179.6	18.3	45	299	97	158.1	17.8	40	318	95	171.8	18.3	47	307	96	57.9	196	8.5	3.7	63.3
BIRD HYBRIDS	B64R	175.5	19.3	69	315	98	168.7	17.7	24	284	91	162.6	18.2	35	303	98	168.9	18.4	42	300	96	57.9	196	8.3	3.7	62.7
EBBERTS	E2508	165.8	19.1	33	288	98	169.9	17.8	13	287	98	170.3	18.6	43	299	99	168.7	18.5	29	292	98	57.8	196	8.1	3.7	63.4
DAIRYLAND SEED CO.	ST-1709	188.6	18.3	31	312	93	164.9	17.9	65	293	98	172.1	19.4	42	309	97	175.2	18.5	46	305	96	57.0	200	8.8	4.0	63.2
SEED CONSULTANTS	SC 10B96	186.0	19.1	42	309	99	179.0	18.0	35	312	99	189.1	18.4	13	325	98	184.7	18.5	30	315	98	55.7	196	8.2	3.9	62.1
ICORN	110.88	176.8	19.4	41	315	97	171.7	17.9	33	303	97	147.1	18.4	40	317	100	165.2	18.6	38	312	98	57.5	196	8.4	3.8	62.5
RUPP	XR 1784	187.2	19.5	45	288	91	171.4	18.0	5	269	88	182.1	18.4	27	285	92	180.2	18.6	25	281	91	57.8	197	9.1	3.9	62.4
EBBERTS	E2510	193.2	18.9	52	296	96	158.3	17.9	38	298	97	146.6	19.2	37	323	97	166.1	18.7	42	306	97	57.0	200	8.5	4.0	63.3
PIONEER	34A15	184.4	18.8	45	328	92	166.6	18.1	4	292	88	175.8	19.2	4	333	99	175.6	18.7	18	318	93	59.4	198	8.0	3.7	62.1
BIO GENE SEEDS	BG LL 1106	190.9	18.9	19	302	95	158.9	18.0	35	293	92	175.2	19.4	9	312	93	175.0	18.7	21	302	93	58.1	199	9.6	4.2	61.5
SEED CONSULTANTS	SC 1105	198.5	18.6	28	297	95	170.0	18.1	6	286	96	174.2	19.7	5	319	97	180.9	18.8	13	301	96	57.4	199	8.8	4.1	63.3
STEYER	1104	159.0	19.6	6	288	96	155.1	18.2	4	275	90	173.3	18.6	20	287	94	162.5	18.8	10	283	93	58.7	196	8.8	4.0	61.9
CAMPBELL SEED	6790R2	181.2	19.8	4	287	99	161.6	18.9	3	280	96	154.7	17.9	8	306	97	165.8	18.9	5	291	98	57.8	197	8.7	3.8	61.9
WRAY SEEDS	7560	174.5	20.8	17	276	91	185.2	19.1	3	250	87	150.5	16.9	15	279	91	170.1	18.9	11	268	89	57.5	197	8.1	4.0	61.4
CAMPBELL SEED	6990	179.7	19.7	19	304	96	174.7	17.8	19	298	96	173.0	19.4	9	312	97	175.8	19.0	15	305	97	57.2	198	7.8	3.9	63.1
EBBERTS	E2610	171.4	19.8	9	294	100	172.8	18.3	4	297	100	149.3	18.9	20	306	99	164.5	19.0	11	299	99	58.6	196	8.3	3.7	63.5
BIRD HYBRIDS	B66A	182.7	19.6	19	361	99	162.3	18.2	21	333	95	180.2	19.3	32	359	99	175.1	19.0	24	351	98	57.1	198	8.2	4.0	62.9
EBBERTS	E2310	186.7	19.1	26	332	98	178.1	18.4	9	308	95	133.6	19.5	60	325	96	166.1	19.0	32	322	97	59.1	197	8.4	3.8	63.3
CAMPBELL SEED	6120	162.0	19.2	53	333	98	183.5	18.0	7	325	99	194.8	20.2	6	335	98	180.1	19.1	22	331	98	57.6	197	8.9	4.0	63.9
PIONEER	35Y33	202.6	19.5	5	303	90	160.6	19.0	5	273	85	172.3	19.0	3	288	89	178.5	19.2	5	288	88	61.1	194	8.7	3.7	63.9
BIO GENE SEEDS	BG 1102	178.4	19.4	19	303	99	175.8	18.8	2	300	98	160.9	19.9	42	308	99	171.7	19.4	21	304	98	58.9	196	9.2	4.2	61.5
DAIRYLAND SEED CO.	ST-1612	179.6	20.2	20	319	98	161.2	18.7	40	310	98	157.5	19.3	38	321	96	166.1	19.4	33	317	97	58.5	199	8.6	3.6	63.7
RUPP	XR 1810	166.8	19.8	9	308	98	162.5	18.4	21	297	97	156.5	20.1	37	309	100	162.0	19.4	22	305	98	58.4	199	8.4	3.8	63.1
EBBERTS	E2608	203.3	19.4	15	311	98	183.8	18.4	8	297	95	177.7	20.5	52	312	99	188.3	19.4	25	306	97	55.8	197	8.5	3.9	63.0
BIRD HYBRIDS	B60Q	173.2	20.7	20	357	94	166.8	18.5	17	321	91	156.4	19.2	41	329	96	165.5	19.4	26	336	94	56.0	202	8.4	3.7	63.9
DAIRYLAND SEED CO.	ST-5010	186.1	20.1	7	333	99	161.8	18.5	4	328	96	165.4	20.6	31	336	100	171.1	19.7	14	332	98	58.6	196	8.3	3.8	63.0
BIRD HYBRIDS	B81G	174.7	20.3	38	329	97	168.3	18.5	18	323	96	170.9	20.4	2	341	96	171.3	19.7	20	331	96	60.2	198	9.2	3.9	62.6
CAMPBELL SEED	6940	171.0	20.0	28	293	100	165.8	18.6	72	289	97	183.3	20.6	22	302	99	173.4	19.8	40	294	99	58.5	200	8.8	3.9	62.4
BIRD HYBRIDS	B81D	160.7	20.4	7	309	92	171.5	18.7	17	286	96	164.3	21.2	7	307	95	165.5	20.1	10	301	94	58.9	199	9.2	3.8	61.2
HIGH		203.3	20.8	70	361	100	185.2	19.1	72	341	100	203.2	21.2	60	359	100	188.3	20.1	57	351	99	61.1	202	9.6	4.2	64.3
AVERAGE		180.3	19.0	30	311	97	168.5	18.1	20	300	95	165.6	18.7	23	317	97	171.4	18.6	24	310	96	58.0	197	8.5	3.8	63.0
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TABLE 1L. Performance of hybrids in the full season trial. SOUTHWESTERN AND WEST CENTRAL Ohio, 2005

BRAND	HYBRID	SOUTH CHARLESTON					WASHINGTON C.H.					GREENVILLE					SUMMARY					CHARACTERISTICS				
		HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					HARV STK FINAL					TW	SILK	PROT	OIL	STARCH
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG					
BU/A	%-----	100/A	%--		BU/A	%-----	100/A	%--		BU/A	%-----	100/A	%--		BU/A	%-----	100/A	%--								
VIGORO	V52Y41	161.6	16.6	58	288	98	181.2	17.7	14	268	92	159.2	16.4	41	298	97	167.3	16.9	38	285	96	57.1	197	8.2	3.8	64.6
DEKALB	DKC 61-50	159.8	15.8	10	329	100	158.1	17.1	46	295	90	162.6	18.7	13	334	98	160.1	17.2	23	319	96	57.1	196	8.0	4.0	64.2
ASGROW	RX 715RR2	174.4	17.4	17	325	99	167.8	17.1	21	298	91	178.8	18.1	18	335	98	173.7	17.5	19	319	96	57.9	197	8.3	4.1	64.0
DEKALB	DKC 61-72	157.4	16.5	38	318	98	174.6	17.9	34	316	93	194.9	18.7	9	329	99	175.6	17.7	27	321	96	57.8	197	8.9	3.9	63.1
LG SEEDS	LG 2640	161.4	17.7	21	319	99	182.6	17.1	33	299	93	152.3	18.4	3	323	99	165.4	17.7	19	314	97	56.0	198	8.1	3.6	64.1
VIGORO	V52YR52	162.9	17.8	29	314	96	174.8	17.1	68	290	96	166.0	18.4	23	323	98	167.9	17.8	40	309	96	56.9	197	7.9	3.9	63.1
DYNA-GRO	57B47	183.6	17.1	6	289	98	181.9	17.6	15	251	96	165.3	18.6	16	261	99	176.9	17.8	12	267	98	57.3	196	8.4	4.0	64.2
DYNA-GRO	57F70	146.0	17.9	35	309	94	171.2	17.7	32	267	84	165.5	18.3	45	288	92	160.9	18.0	37	288	90	57.5	197	8.0	3.8	63.5
BIO GENE SEEDS	BG 1118	159.4	17.4	14	351	100	170.6	18.1	6	333	93	152.7	19.1	40	346	99	160.9	18.2	20	343	97	58.6	197	8.4	4.0	64.0
DEKALB	DKC 61-45	178.6	17.1	26	316	97	186.8	18.0	25	299	91	173.3	19.6	11	324	99	179.6	18.2	21	313	95	59.0	197	8.1	3.6	63.8
VIGORO	V5160	168.6	18.6	18	311	99	176.3	18.4	6	294	95	153.0	17.7	53	295	99	166.0	18.2	26	300	97	58.5	196	8.8	4.3	62.4
SEED CONSULTANTS	SC 1116	150.1	18.3	7	290	98	168.5	18.1	53	274	95	149.5	18.8	36	290	100	156.0	18.4	32	285	97	58.4	196	8.7	4.2	63.6
GOLDEN HARVEST	H-8920	147.7	18.5	4	308	96	172.0	17.7	29	309	98	181.6	19.2	20	303	98	167.1	18.5	17	307	97	58.7	196	8.4	4.1	63.5
GOLDEN HARVEST	H-9107	173.5	19.6	10	309	99	191.8	17.6	4	303	93	160.3	18.3	32	312	98	175.2	18.5	15	308	97	56.5	196	8.4	3.9	64.7
ICORN	111.B3	146.6	17.8	37	322	97	165.5	17.7	7	303	91	175.6	20.4	50	326	98	162.6	18.6	31	317	95	56.8	197	7.5	4.0	64.6
SEED CONSULTANTS	SC 11B23	151.8	18.1	25	266	86	164.8	18.6	19	271	86	158.4	19.4	22	256	85	158.4	18.7	22	264	86	58.6	196	9.2	4.2	62.9
CAMPBELL SEED	7070	178.5	18.0	5	292	98	161.7	18.0	25	296	95	160.1	20.2	6	295	97	166.8	18.7	12	294	97	58.6	202	8.4	3.7	64.5
SEED CONSULTANTS	SC 1126	173.8	18.5	7	296	95	164.7	18.3	53	272	94	184.5	19.5	23	289	97	174.3	19.8	21	287	95	57.7	197	8.4	4.5	62.3
DYNA-GRO	57F95	161.7	18.9	47	331	98	169.6	18.3	14	273	91	155.4	19.1	61	303	98	162.2	18.8	41	302	96	58.6	196	8.7	4.2	62.4
SEED CONSULTANTS	SC 1116A	130.1	17.6	34	359	98	168.7	18.3	39	340	94	168.6	20.5	23	348	95	155.8	18.8	32	349	95	57.5	199	8.8	4.3	64.0
ICORN	112.B2	176.0	18.5	30	296	96	165.6	18.6	40	309	94	162.7	19.3	73	309	100	168.1	18.8	48	305	96	58.8	197	9.1	4.1	62.8
WRAY SEEDS	7603	151.6	17.4	50	345	96	167.9	17.8	11	280	87	161.9	21.3	15	316	99	160.5	18.8	25	314	94	56.1	200	9.0	4.1	64.2
VIGORO	V54Y61	168.5	19.0	39	312	95	171.4	18.3	26	273	93	179.0	19.1	35	321	99	173.0	18.8	33	302	96	56.8	198	8.1	3.8	63.4
SEED CONSULTANTS	SC 1134	166.6	17.8	26	304	97	173.2	18.2	65	305	95	167.1	20.5	7	288	96	169.0	18.8	33	299	96	57.1	199	9.4	4.2	63.6
ICORN	112.B1	183.0	18.5	10	332	98	168.5	18.4	18	325	96	158.4	19.6	51	338	99	170.0	18.8	26	332	98	57.9	197	8.7	4.1	63.2
LG SEEDS	LG 2625B1	179.8	20.5	17	296	98	187.3	17.6	14	286	93	156.1	18.8	16	317	99	174.4	18.9	16	300	97	55.0	197	8.1	4.1	63.0
BECK	5616RR	161.8	18.7	38	319	99	160.6	17.5	37	296	92	150.3	20.7	24	312	96	157.6	19.0	33	309	96	58.3	196	8.4	4.0	63.3
GOLDEN HARVEST	H-9959B1	173.0	19.4	50	337	98	169.2	18.0	38	330	99	174.7	20.2	67	276	98	163.9	19.5	49	286	98	58.0	197	8.3	4.3	63.3
BIO GENE SEEDS	BG 1132	155.8	17.8	21	277	95	170.4	18.0	7	267	89	169.2	21.2	12	279	94	165.1	19.0	13	274	92	56.4	198	9.1	3.9	64.4
BIO GENE SEEDS	BG 1115	150.2	18.5	42	331	100	160.6	18.1	60	315	97	149.9	20.5	32	313	99	153.6	19.1	44	319	99	58.8	199	8.2	3.6	64.0
BIO GENE SEEDS	BG 1128	161.0	18.4	39	317	98	171.2	18.4	24	305	92	167.4	20.4	8	316	99	166.5	19.1	24	313	96	57.9	199	8.6	4.6	63.4
PORTER HYBRIDS	5515	148.4	17.6	67	332	96	176.3	18.4	30	293	89	177.4	21.3	10	307	94	167.4	19.1	35	311	93	56.8	198	7.8	4.1	64.2
MYCOGEN SEEDS	2M746	174.8	18.8	19	311	98	163.9	18.0	19	281	88	179.3	20.5	4	309	98	172.7	19.1	14	300	95	57.0	196	8.8	4.4	62.3
GOLDEN HARVEST	H-9166	152.5	18.4	37	314	99	129.1	18.4	92	308	97	172.3	20.6	33	317	98	151.3	19.1	54	313	98	58.0	200	7.9	3.9	64.4
PORTER HYBRIDS	4414	167.1	18.5	40	343	98	161.2	18.2	42	328	96	180.8	20.7	21	332	93	169.7	19.1	34	334	96	58.6	199	9.1	3.9	63.3
DEKALB	DKC 63-81	171.6	19.0	50	315	99	185.3	18.2	52	292	92	167.4	20.3	24	313	96	174.8	19.2	42	306	96	58.2	197	8.7	4.0	63.2
STEYER	1123	150.9	18.4	30	292	95	152.1	19.0	53	278	93	164.7	20.2	3	278	96	155.9	19.2	29	283	95	58.8	198	8.3	3.9	64.7
GARST	8450T	170.3	18.7	5	308	98	167.7	18.1	10	303	96	174.2	20.8	15	313	100	170.7	19.2	10	308	98	56.3	196	7.9	3.7	63.8
PIONEER	33N09	148.5	17.8	7	322	98	155.9	18.9	80	322	94	153.8	21.0	60	321	99	152.7	19.2	42	321	97	60.0	200	8.9	3.9	64.6
LG SEEDS	LG 2600B1	184.6	18.9	14	285	92	156.7	18.0	17	271	92	197.2	21.0	9	268	90	179.5	19.3	13	275	91	55.4	197	8.0	4.1	64.2
GARST	8445	165.5	19.0	41	322	99	156.4	18.3	32	296	93	168.0	20.6	36	317	96	163.3	19.3	37	312	96	58.1	199	8.5	3.8	63.7
EBBERTS	E2411	170.2	18.6	29	303	97	161.7	18.4	13	281	95	172.5	21.0	7	306	99	168.1	19.3	16	297	97	58.3	198	8.9	3.8	63.6
DAIRYLAND SEED CO.	ST-5014	180.8	19.3	28	314	97	176.7	18.2	27	298	94	163.2	20.5	18	308	96	173.6	19.3	24	307	95	57.0	197	8.2	3.9	64.0
GARST	8488IT	165.8	18.6	2	280	94	180.6	18.7	24	279	92	183.9	20.8	2	296	96	176.7	19.4	9	285	94	57.3	196	8.4	3.9	64.4
CORN BELT HYBRIDS	C 612	164.6	18.9	15	316	97	156.8	18.4	42	303	94	166.6	21.0	7	333	99	162.7	19.4	21	317	97	58.3	198	8.1	3.7	63.0
SEED CONSULTANTS	SC 1124A	164.6	19.2	30	311																					

TABLE 4E. Performance of hybrids in the early maturity trial. NORTHWESTERN Ohio, 2005.

BRAND	HYBRID	VAN WERT					HOYTVILLE					UPPER SANDUSKY					SUMMARY					CHARACTERISTICS				
		HARV		STK		FINAL	HARV		STK		FINAL	HARV		STK		FINAL	HARV		STK		FINAL	TW	SILK	PROT	OIL	STARCH
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY	%	%	%
DEKALB	DKC 52-40	184.8	15.9	3	338	98	188.2	15.1	1	325	96	173.2	17.5	0	334	98	182.1	16.2	1	332	97	58.6	198	9.0	3.9	63.6
DEKALB	DKC 57-30	171.2	16.6	5	318	98	182.8	15.1	1	296	95	166.5	17.3	0	303	97	173.5	16.3	2	306	97	59.0	198	8.9	4.2	63.8
DEKALB	DKC 52-23	180.2	16.4	0	338	100	193.0	15.4	2	329	97	181.2	17.4	3	339	96	184.8	16.4	2	336	98	58.6	197	8.4	4.0	63.6
SEED CONSULTANTS	SC 10H25	202.3	16.6	0	315	97	194.9	15.2	2	298	97	191.0	17.5	0	303	98	196.0	16.4	1	305	97	57.3	197	9.8	4.4	62.0
CAMPBELL SEED	5200	195.3	16.2	0	293	96	192.2	15.0	4	281	94	193.4	18.3	0	269	94	193.6	16.5	1	281	95	57.2	200	8.9	4.1	63.0
RUPP	XR 1612	186.2	16.5	0	274	97	187.0	14.8	1	266	96	186.0	18.4	0	254	96	186.4	16.6	0	264	96	56.9	199	8.9	4.1	62.0
BO-JAC	3860	198.5	16.6	3	346	97	185.3	15.5	3	322	94	184.5	17.9	1	311	97	189.4	16.6	2	326	96	58.9	199	8.7	4.2	63.5
DAIRYLAND SEED CO.	ST-5007	206.0	16.9	0	332	99	201.1	15.1	0	328	100	184.9	18.1	0	295	99	197.4	16.7	0	318	99	56.5	204	8.7	4.0	62.9
GARST	8670IT	201.2	16.8	5	325	99	186.6	15.2	1	316	94	190.0	18.1	0	318	98	192.6	16.7	2	320	97	55.0	201	8.6	4.0	63.0
DEKALB	DKC 54-51	198.2	16.7	0	328	99	189.4	15.7	2	324	99	179.1	17.9	0	324	100	188.9	16.7	1	325	99	60.0	197	9.0	4.5	63.9
DAIRYLAND SEED CO.	ST-5204	174.9	16.7	0	311	95	191.2	15.6	1	309	95	177.6	17.9	0	281	97	181.2	16.7	0	300	96	59.2	197	8.8	4.1	63.9
ICORN	106N7	198.1	17.0	0	314	98	185.5	15.3	0	310	97	178.1	17.9	0	303	98	187.3	16.8	0	309	98	58.5	199	8.5	3.8	64.8
GOLDEN HARVEST	H-8402B1	182.4	16.7	0	325	98	186.1	15.8	1	305	96	176.3	18.1	0	311	99	181.6	16.8	0	314	97	60.0	198	8.3	3.7	64.5
SELECT SEED HYBRIDS	4345	203.3	16.3	7	343	99	190.3	15.6	0	326	98	193.0	18.9	3	284	96	195.6	17.0	3	317	98	58.9	203	9.7	3.8	63.0
CAMPBELL SEED	5510	198.4	16.7	0	315	100	183.2	15.6	1	305	94	168.4	18.7	0	300	97	183.3	17.0	0	307	97	58.4	199	8.4	3.6	65.6
BECK	5166	198.6	17.5	0	322	97	179.8	15.5	2	305	94	177.3	18.1	0	303	97	185.3	17.0	1	310	96	58.3	199	8.0	3.6	65.6
SEED CONSULTANTS	SC 1055	SEVERE ANIMAL DAMAGE					192.9	15.2	0	345	98	183.2	18.4	0	321	98	SEVERE ANIMAL DAMAGE					200	9.1	3.8	65.1	
GOLDEN HARVEST	H-8473	202.0	17.0	0	319	98	189.1	15.5	0	325	99	177.7	18.6	0	308	99	189.6	17.0	0	317	99	58.5	200	8.6	4.0	63.8
BIRD HYBRIDS	B54V	219.3	17.5	0	293	97	192.0	15.6	0	298	95	192.7	18.2	0	280	97	197.0	17.1	0	290	97	58.2	201	8.6	3.8	62.4
SELECT SEED HYBRIDS	4100	194.8	17.7	0	316	98	189.3	15.3	1	299	92	174.5	18.3	0	290	99	186.2	17.1	0	302	97	58.5	198	8.7	3.8	63.9
GARST	8689IT	216.7	17.0	0	307	98	193.0	16.0	1	309	95	199.2	18.4	0	305	97	203.0	17.1	0	307	97	58.9	198	9.7	4.2	63.2
RUPP	XR 8624	192.2	17.7	0	315	100	186.8	15.6	0	304	100	180.3	18.1	0	300	97	186.4	17.1	0	306	99	59.2	199	8.9	4.0	63.2
UNITY SEEDS	6104A	194.8	16.9	1	324	98	176.8	15.8	1	315	99	170.3	18.8	0	310	97	180.0	17.2	1	317	98	60.8	200	8.9	4.4	63.6
ASGROW	RX 668RR2YG	200.8	17.6	0	355	100	203.2	15.8	1	347	99	184.2	18.2	1	338	98	196.0	17.2	1	347	98	58.3	199	8.0	3.8	63.8
EBBERTS	E2407	190.8	17.4	0	325	99	208.0	15.7	2	318	97	183.8	18.6	0	319	99	194.2	17.2	1	321	98	59.1	198	8.3	3.9	63.4
DYNA-GRO	56K44	193.1	17.1	0	292	97	181.5	16.1	1	272	94	181.7	19.0	0	284	98	185.4	17.4	0	282	96	60.0	203	8.8	4.0	63.0
BIRD HYBRIDS	B58	187.5	17.6	1	316	99	183.4	15.6	1	299	96	193.5	18.9	0	310	98	188.1	17.4	1	312	97	58.5	200	8.2	3.6	65.0
SELECT SEED HYBRIDS	HX406	184.4	16.7	0	312	96	204.0	16.4	5	293	95	189.9	19.0	0	276	94	192.8	17.4	2	293	95	58.8	201	9.0	3.7	63.1
PIONEER	35D28	199.7	17.5	3	322	98	200.5	16.3	4	325	97	190.4	18.6	4	316	99	196.8	17.5	3	321	98	59.2	201	8.4	3.3	64.1
GRIES SEED FARMS	GSF 7008	176.6	17.4	0	286	93	174.7	16.2	2	267	87	176.7	18.8	0	282	93	176.0	17.5	1	278	91	58.7	200	8.5	3.4	64.0
GARST	8575	208.3	18.0	0	292	97	194.0	15.7	0	280	93	186.3	18.8	0	283	97	196.2	17.5	0	285	96	58.3	200	8.5	4.3	63.7
DYNA-GRO	55N37	196.4	18.0	0	342	100	183.7	16.0	0	344	98	169.4	18.6	0	285	97	183.2	17.5	0	323	98	60.2	198	8.9	4.1	63.9
SEED CONSULTANTS	SC 1056	188.8	17.2	0	346	99	193.6	16.5	5	335	99	193.3	19.1	0	312	99	191.9	17.6	2	331	99	60.5	201	9.5	4.0	63.2
EBBERTS	E2508	214.7	17.3	0	302	98	195.9	16.1	2	290	95	194.1	19.3	0	294	97	201.5	17.6	1	295	97	59.0	201	8.7	4.0	63.9
VIGORO	V46Y41	189.5	17.5	0	335	97	193.2	16.3	0	339	98	173.8	19.0	1	306	96	185.5	17.6	0	327	97	60.1	199	8.6	4.0	63.6
BECK	5228CBRR	203.0	17.6	0	335	99	195.8	16.5	0	320	94	195.0	18.8	0	326	98	197.9	17.6	0	327	97	59.7	199	8.5	3.9	63.0
SEED CONSULTANTS	SC 1085	187.3	17.5	1	310	97	187.1	16.2	0	302	97	197.8	19.1	0	295	96	190.7	17.6	1	302	97	58.7	201	8.6	4.1	63.9
RUPP	XR 1609	184.7	17.7	1	331	100	187.9	15.9	0	331	99	173.8	19.2	2	316	95	182.1	17.6	1	326	98	60.3	199	8.3	4.2	64.9
BECK	5222	195.9	17.4	1	306	99	195.6	16.1	2	313	98	201.4	19.4	0	300	99	197.6	17.6	1	306	99	58.5	201	8.7	4.2	64.1
DEKALB	DKC 57-81	192.6	18.3	0	333	100	195.9	15.6	0	327	97	196.3	19.2	0	318	99	194.9	17.7	0	326	99	59.5	197	9.1	4.2	63.3
RUPP	XR 1745	207.2	17.8	0	294	100	198.6	16.0	2	285	97	193.8	19.3	1	269	97	199.9	17.7	1	283	98	58.5	202	8.8	4.0	63.0
PIONEER	34D72	203.4	17.5	0	334	98	203.0	16.5	0	329	97	187.5	19.1	0	314	96	198.0	17.7	0	326	97	59.7	201	8.5	3.9	63.8
SELECT SEED HYBRIDS	4716	210.0	16.7	0	308	98	199.9	16.7	0	293	96	186.0	19.7	0	290	98	198.3	17.7	0	297	97	58.5	200	8.8	4.3	63.6
BIRD HYBRIDS	B64R	190.5	17.5	1	296	97	199.7	16.1	1	305	96	194.7	19.7	0	276	92	195.0	17.8	1	292	95	58.8	201	7.9	3.8	64.2
SELECT SEED HYBRIDS	4785	183.0	17.2	7	322	97	190.5	17.0	0	326	95	197.1	19.5	0	306	99	190.2	17.9	3	318	97	59.0	201	9.6	4.4	61.4
CAMPBELL SEED	6120	177.2	17.8	12	307	100	179.7	16.2	4	310	93	190.3	19.9	1	313	99	182.4	18.0	6	310	97	58.9	203	9.1	4.1	62.7
DYNA-GRO	56N17	184.1	17.7	2	329	98	193.6	16.1	0	315	95	199.4	20.4	1	287	95										

TABLE 4L. Performance of hybrids in the full season trial. NORTHWESTERN Ohio, 2005.

BRAND	HYBRID	VAN WERT				HOYTVILLE				UPPER SANDUSKY				SUMMARY				CHARACTERISTICS								
		HARV STK		FINAL		HARV STK		FINAL		HARV STK		FINAL		HARV STK		FINAL		TW	SILK	PROT	OIL	STARCH				
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD						MST	LDG	STD	EMG
BU/A	-----	-----	100/A	-----	-----	-----	-----	100/A	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----					
LG SEEDS	LG 2553	190.5	16.5	1	348	98	181.3	15.7	0	318	96	176.1	19.0	2	318	98	182.6	17.1	1	328	97	57.1	201	8.0	3.5	65.0
BECK	5444RR	193.2	16.6	1	327	97	194.3	15.7	1	271	82	192.1	19.9	1	316	100	186.6	17.4	1	305	93	57.8	200	8.8	4.0	62.2
SEED CONSULTANTS	SC 1092	192.3	17.4	2	321	99	191.5	16.4	1	331	99	174.2	20.0	0	305	97	186.0	17.9	1	319	98	58.3	203	8.2	3.9	63.0
STEYER	1103YGCB	195.2	17.0	3	324	99	200.5	17.0	2	304	94	194.6	19.9	0	285	98	196.8	18.0	2	304	97	58.5	201	8.0	3.8	63.4
LG SEEDS	LG 2586	177.3	17.7	0	317	98	189.9	16.6	1	318	97	190.5	20.3	0	302	97	185.9	18.2	0	312	98	58.7	202	8.4	3.8	63.1
VIGORO	V52VR52	197.3	17.8	1	318	98	206.4	17.3	1	299	95	184.6	19.7	0	289	95	196.1	18.3	1	302	96	58.2	201	8.0	3.7	62.6
DEKALB	DKC 61-45	202.1	18.5	0	335	100	209.5	17.1	0	290	91	202.2	19.3	0	317	99	204.6	18.3	0	314	97	60.3	200	8.8	3.7	62.6
ICORN	110.B8	186.8	18.0	1	309	99	200.2	17.2	1	305	97	192.8	19.8	0	295	99	193.3	18.3	1	303	98	58.4	201	8.2	3.5	63.0
LG SEEDS	LG 2600Bt	205.5	18.9	0	300	94	203.4	16.9	1	271	90	196.4	19.6	0	258	86	201.8	18.5	0	277	90	55.7	200	7.9	3.9	61.9
LG SEEDS	LG 2540Bt	213.9	18.1	1	345	100	202.9	16.9	0	331	96	182.7	20.5	0	318	99	199.8	18.5	1	331	98	57.6	200	7.9	3.8	62.8
ICORN	109.D4	189.0	18.1	0	350	98	183.9	16.9	0	304	93	192.3	20.5	0	321	98	188.4	18.5	0	325	96	58.5	202	9.2	4.1	62.5
VIGORO	V5050	207.6	18.8	6	326	100	202.0	16.2	2	311	98	190.7	20.4	0	307	99	200.1	18.5	3	315	99	58.4	202	9.0	4.0	61.9
STRIKE	5510	205.0	18.3	0	280	97	193.9	16.9	2	275	96	188.1	20.2	1	266	94	195.7	18.5	1	274	96	58.7	200	8.3	3.8	62.3
ICORN	111.B3	223.3	19.3	1	329	98	192.1	17.3	3	317	96	180.9	19.0	0	319	96	198.8	18.5	1	322	97	58.0	201	7.8	4.0	63.1
DYNA-GRO	57B47	203.7	18.1	0	300	98	200.5	16.8	1	287	97	182.7	20.9	0	254	95	195.6	18.6	0	280	97	58.8	199	8.4	3.8	62.8
BECK	5322CB	209.9	18.2	3	298	100	210.1	17.0	0	298	96	191.1	20.7	1	295	99	206.0	18.6	1	297	98	58.4	200	8.2	4.0	62.5
STRIKE	5509	174.5	18.9	0	296	95	184.3	16.8	0	265	87	182.8	20.2	0	303	99	180.5	18.6	0	288	94	59.2	199	8.6	4.1	62.2
STRIKE	5511	177.7	17.3	2	306	97	188.0	17.1	2	281	95	199.1	21.6	0	299	96	188.3	18.7	1	296	96	58.2	202	9.2	4.3	61.9
DEKALB	DKC 61-50	198.6	18.2	3	335	100	190.2	16.7	0	306	92	181.4	21.2	0	312	98	190.1	18.7	1	318	97	58.1	199	8.6	3.9	62.4
SEED CONSULTANTS	SC 10B94	197.3	18.3	0	342	99	193.5	17.0	1	328	94	177.9	20.9	0	329	99	189.5	18.7	0	333	97	58.4	202	8.0	3.8	61.7
PIONEER	34PB8	205.8	19.0	2	340	100	197.6	17.5	2	308	97	178.6	19.7	1	312	99	194.0	18.7	2	320	99	58.8	200	8.3	3.4	63.7
SEED CONSULTANTS	SC 1105	181.3	17.4	1	309	99	197.1	16.6	0	297	94	201.1	22.5	1	293	97	193.2	18.8	1	300	97	57.8	203	8.6	4.1	62.5
GRO-MOR	6721	192.0	18.4	4	333	98	182.7	17.2	1	317	92	184.0	20.9	0	322	98	186.2	18.8	2	324	96	58.8	201	8.9	4.2	62.5
BO-JAC	4525	187.3	18.4	0	328	99	191.9	16.7	1	331	99	188.6	21.4	0	319	99	189.3	18.8	0	326	99	56.9	202	8.4	4.3	63.0
ADLER SEEDS	5805	194.0	21.6	2	328	100	187.1	16.0	0	276	85	173.0	19.1	2	311	99	184.7	18.9	1	305	95	55.8	201	8.8	4.2	60.9
EBBERTS	E2610	198.9	18.6	0	315	100	181.8	16.9	1	281	95	198.0	21.2	0	290	100	192.9	18.9	0	296	98	58.9	200	9.2	4.0	62.0
SEED CONSULTANTS	SC 1116A	180.9	19.3	1	346	98	182.7	16.9	1	293	90	169.1	20.7	0	321	99	177.6	18.9	0	320	96	56.4	203	8.4	4.1	62.6
EBBERTS	E2510	181.3	18.0	1	315	96	189.9	17.1	1	319	99	201.3	21.8	0	297	94	190.8	19.0	1	310	97	58.5	203	9.0	4.2	62.3
GOLDEN HARVEST	H-8959Bt	187.9	18.5	5	331	99	195.2	17.6	0	319	93	186.5	20.9	0	323	96	189.9	19.0	2	324	96	58.9	201	9.5	4.2	60.8
SEED CONSULTANTS	SC 1116	200.2	18.7	5	312	99	185.1	17.3	1	279	94	193.6	21.1	0	270	99	193.0	19.0	2	287	97	58.8	200	9.2	4.2	61.6
DEKALB	DKC 61-72	209.6	19.2	2	338	99	198.8	16.3	1	324	98	201.0	21.7	0	307	95	203.2	19.1	1	323	97	58.0	197	8.9	3.7	61.7
SEED CONSULTANTS	SC 11B23	194.6	18.7	1	277	91	188.7	18.0	0	248	77	177.9	20.9	0	270	91	187.1	19.2	0	265	86	59.6	199	9.4	4.3	61.0
VIGORO	V5160	212.9	18.7	8	314	99	174.3	17.2	2	284	92	193.6	21.9	0	281	96	193.6	19.3	4	293	96	58.7	200	8.9	4.0	60.9
ICORN	112.B1	208.6	18.9	0	343	100	197.8	17.7	0	310	92	184.9	21.2	0	306	96	197.4	19.3	0	320	96	58.8	200	9.1	4.1	61.1
STEYER	1104	196.5	19.3	0	302	97	186.9	17.5	1	277	92	188.9	21.0	0	266	94	190.8	19.3	0	281	94	58.6	201	8.8	4.0	61.5
EBBERTS	E2310	189.0	18.8	2	321	98	178.5	17.5	2	299	88	186.8	21.6	1	295	95	184.7	19.3	2	305	94	59.3	201	8.9	4.1	61.6
DAIRYLAND SEED CO.	ST-5010	203.8	18.7	2	334	98	196.1	18.1	0	317	95	182.1	21.3	0	317	99	194.0	19.4	1	323	97	58.9	200	8.5	3.9	61.5
ASGROW	RX 715RR2	198.7	19.2	3	329	99	195.5	17.4	1	308	95	193.8	21.5	0	310	99	196.0	19.4	2	316	98	59.1	199	9.0	4.3	61.6
DEKALB	DKC 63-81	195.3	18.3	6	328	99	195.4	17.5	1	312	97	204.0	22.5	0	322	98	198.2	19.4	2	320	98	59.6	201	8.8	4.1	62.3
ICORN	112.B2	192.7	20.2	3	318	98	189.2	17.7	0	286	91	185.4	20.9	0	304	98	189.1	19.6	1	303	96	59.5	200	9.2	4.2	61.3
SEED CONSULTANTS	SC 1124A	176.9	18.9	3	296	98	175.2	18.4	0	295	99	196.4	21.6	0	307	99	182.9	19.7	1	299	99	59.3	203	8.5	3.8	62.2
SEED CONSULTANTS	SC 1114	187.1	19.9	0	324	97	184.4	17.7	1	302	93	182.4	21.5	0	303	96	184.6	19.7	0	309	95	60.7	201	9.0	3.8	61.0
CAMPBELL SEED	6940	196.4	18.6	1	304	99	180.7	18.5	0	292	96	199.0	22.1	0	280	97	192.0	19.7	1	292	97	59.0	202	9.5	3.9	61.2
EBBERTS	E2411	195.2	19.1	0	309	98	182.5	18.0	0	289	94	196.1	22.1	0	305	98	191.3	19.7	0	301	97	59.2	202	8.9	3.8	62.0
RUPP	XR 1810	177.7	19.0	1	307	100	177.5	18.3	0	291	96	208.9	21.9	0	290	99	188.0	19.7	1	296	98	59.4	203	8.8	3.8	61.8
GARST	8445	170.4	19.0	4	319	99	186.6	18.4	1	314	97	196.2	21.9	0	315	98	184.4	19.8	2	316	98	59.4	203			

TABLE 7E. Performance of hybrids in the early maturity trial. NORTH CENTRAL AND NORTHEASTERN Ohio, 2005.

BRAND	HYBRID	BUCYRUS					WOOSTER					BELOIT					SUMMARY					CHARACTERISTICS				
		YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	YIELD	HARV	STK	FINAL	EMG	TW	SILK	PROT	OIL	STARCH
		BU/A	-----%	-----%	100/A	--%	BU/A	-----%	-----%	100/A	--%	BU/A	-----%	-----%	100/A	--%	BU/A	-----%	-----%	100/A	--%	LBS	DAY	-----%	-----%	-----%
SEED CONSULTANTS	SC 10H25	183.5	19.1	0	305	98	166.6	18.9	0	328	96	195.7	20.6	0	292	92	181.9	19.5	0	308	96	54.3	201	9.0	3.8	61.7
DEKALB	DKC 52-23	184.7	19.3	0	295	94	170.2	20.0	1	328	95	208.1	20.4	0	332	95	187.6	19.9	0	318	94	56.9	203	7.8	3.7	63.1
KIDRON SEED	310	166.9	19.4	0	248	88	140.0	20.1	3	271	92	170.8	21.3	0	259	86	159.2	20.3	1	259	88	57.5	202	8.4	3.8	62.7
SEED CONSULTANTS	SC 10B36	188.4	20.0	0	297	94	179.6	19.7	0	303	94	221.2	21.8	0	281	94	196.4	20.5	0	294	94	57.7	205	8.5	3.7	63.6
DEKALB	DKC 54-51	190.2	20.3	0	325	96	187.0	21.0	0	340	98	185.3	20.5	1	315	94	187.5	20.6	0	327	96	58.1	202	8.4	3.8	63.1
RUPP	XR 1612	186.3	22.3	0	253	91	169.0	19.5	2	269	97	185.2	20.2	0	246	90	180.2	20.7	1	256	93	54.7	205	9.0	4.0	61.0
DEKALB	DKC 57-30	201.6	19.3	0	255	90	171.4	20.1	1	311	96	188.0	22.9	1	279	88	187.0	20.8	1	282	91	56.4	203	8.4	3.7	62.3
BIRD HYBRIDS	B42	184.2	19.6	0	307	97	159.2	20.3	1	323	97	195.1	23.0	1	288	90	179.5	21.0	1	306	94	54.4	204	8.2	3.5	64.4
GOLDEN HARVEST	H-8473	193.7	20.5	0	303	98	167.0	21.0	1	318	98	188.5	21.8	3	312	98	183.1	21.1	2	311	98	56.2	204	8.6	3.7	62.5
DOEBLER'S	575RB	179.1	20.2	0	318	95	180.4	21.4	3	312	89	197.3	21.8	0	316	93	185.6	21.1	1	316	92	55.3	204	8.7	3.9	63.0
DOEBLER'S	494RYG	171.2	20.8	0	278	98	162.3	21.3	1	284	93	187.1	21.5	1	276	91	173.6	21.2	1	279	94	57.8	203	9.2	3.6	63.1
GARST	8689IT	209.0	21.1	1	290	93	191.0	21.3	1	317	98	200.1	21.3	1	277	87	200.0	21.2	1	295	93	56.3	201	7.4	3.6	63.2
GARST	8676IT	196.7	20.7	0	297	94	179.9	21.0	2	324	96	198.2	22.1	1	305	92	191.6	21.3	1	309	94	56.1	205	8.1	3.7	61.7
T. A. SEEDS	TA 5331	187.2	21.2	0	231	71	171.0	20.9	0	245	75	172.4	21.8	0	205	70	176.9	21.3	0	227	72	57.7	203	8.7	3.9	61.3
STEYER	1030	171.8	20.3	0	296	95	159.2	22.3	3	336	99	198.4	21.5	0	275	87	176.5	21.4	1	302	94	56.5	203	8.4	3.6	64.0
DYNA-GRO	56K77	189.0	20.7	0	279	98	181.4	21.6	1	284	97	198.0	21.9	2	264	95	189.5	21.4	1	276	97	55.5	204	8.7	3.7	62.4
RUPP	XR 8624	185.1	20.4	1	301	96	182.6	22.2	2	314	98	204.2	21.7	0	287	93	190.6	21.4	1	301	96	56.6	204	8.7	3.8	62.8
SEED CONSULTANTS	SC 1056	180.4	20.8	0	322	97	181.1	21.7	2	333	99	197.9	21.8	2	308	96	186.5	21.4	1	321	97	57.7	205	8.8	3.9	63.2
SEED CONSULTANTS	SC 1055	192.1	21.2	1	328	94	164.2	21.6	3	343	99	198.4	21.6	1	315	93	184.9	21.5	1	329	95	55.9	202	8.6	3.7	63.0
LG SEEDS	LG 2513Bt	179.8	20.7	0	333	95	182.7	22.2	1	337	95	199.9	21.8	0	322	97	187.5	21.6	0	331	96	56.4	204	8.9	3.6	62.7
FS SEEDS EAST	5737	181.4	20.2	0	304	97	180.8	21.7	0	316	98	205.7	23.1	0	301	94	189.3	21.7	0	307	96	56.3	203	8.2	3.8	63.2
GOLDEN HARVEST	H-8402Bt	187.8	20.7	0	324	94	188.9	22.3	0	322	98	200.2	22.2	0	281	87	192.3	21.7	0	309	93	56.4	202	9.0	3.8	62.8
RUPP	XR 1609	169.8	20.8	0	330	97	163.2	22.2	4	322	95	182.1	22.3	0	308	92	171.7	21.7	1	320	95	56.4	203	8.3	3.6	63.6
BIRD HYBRIDS	B58	193.1	21.3	1	286	91	182.1	22.2	3	309	99	222.9	22.1	0	284	92	199.4	21.9	2	293	94	54.7	201	8.1	3.4	62.3
DYNA-GRO	56K44	178.3	21.2	0	263	94	160.7	21.8	0	298	99	188.7	22.7	0	267	88	175.9	21.9	0	276	94	57.4	206	8.3	3.7	62.9
VIGORO	V49R46	187.0	20.7	0	311	95	178.9	22.2	4	314	96	193.6	22.9	2	276	89	186.5	21.9	2	300	93	54.8	202	8.1	3.4	62.6
PIONEER	35A30	174.1	20.9	0	313	96	159.1	21.3	4	320	94	206.3	23.9	1	312	89	179.8	22.0	2	315	93	57.7	203	8.4	3.4	62.6
DEKALB	DKC 57-81	189.9	21.2	0	330	96	185.0	22.6	4	322	95	225.1	22.5	1	322	96	200.0	22.1	2	325	96	56.5	202	8.0	3.8	61.1
PIONEER	35D28	196.8	21.2	0	298	94	180.4	22.0	1	333	98	216.3	23.5	0	310	94	197.8	22.2	0	314	95	56.3	205	8.0	3.3	62.9
SCHLESSMAN HYBRIDS	SX-515YGC8	173.6	21.0	0	293	93	171.9	23.9	2	332	96	200.4	22.0	0	288	93	181.9	22.3	1	304	94	56.0	203	8.0	3.7	63.3
PIONEER	34D72	202.6	21.9	0	290	93	182.4	22.6	0	326	95	198.1	22.5	0	303	91	194.4	22.3	0	306	93	56.3	205	7.9	3.5	64.0
GARST	8575	198.2	21.6	0	298	92	170.0	22.1	4	285	93	208.4	23.4	0	269	92	192.2	22.3	1	284	93	55.4	205	7.7	3.8	62.4
RUPP	XR 1745	211.7	21.9	1	287	100	181.4	22.2	4	303	99	214.3	23.0	3	273	95	202.5	22.3	3	288	98	55.1	203	8.4	3.8	61.4
ASGROW	RX 668RR2/YG	188.8	20.6	1	343	97	197.7	23.3	2	364	100	209.0	23.2	3	342	97	198.5	22.4	2	350	98	54.6	205	7.9	3.4	62.5
BIRD HYBRIDS	B54V	199.1	21.6	1	289	95	172.6	23.2	1	279	91	199.4	22.6	2	282	93	190.4	22.5	1	284	93	54.7	203	8.8	3.4	61.8
SEED CONSULTANTS	SC 1085	215.4	21.9	3	306	96	189.3	23.4	3	308	97	204.0	22.3	0	304	92	202.9	22.5	2	306	95	55.7	204	8.2	3.7	61.7
PIONEER	34A15	191.6	21.3	0	319	95	170.4	22.8	0	339	98	203.5	23.9	1	304	94	188.5	22.7	0	321	96	56.2	202	8.1	3.6	63.0
SEED CONSULTANTS	SC 1072A	173.2	22.2	0	327	96	176.9	23.0	1	348	97	212.0	23.4	0	315	94	187.4	22.9	0	330	96	54.0	202	9.3	3.6	62.2
RUPP	XR 8544	195.2	22.0	1	265	90	176.4	23.2	5	292	94	216.9	23.6	1	266	90	196.2	23.0	2	274	91	54.8	204	8.7	3.8	61.7
PIONEER	35Y33	183.3	22.8	0	251	77	149.4	22.7	0	290	87	191.2	23.5	1	280	85	174.6	23.0	0	274	83	57.9	202	8.5	3.4	62.0
ICORN	108.B5	203.0	22.2	0	306	91	205.5	25.0	0	325	97	230.6	23.7	0	305	93	213.0	23.6	0	312	94	53.2	206	8.0	3.5	61.4
BIRD HYBRIDS	B63J	204.6	23.3	2	284	93	171.9	24.2	1	316	95	199.3	23.6	1	268	87	191.9	23.7	1	289	92	53.9	205	7.8	3.7	61.7
HIGH		215.4	23.3	3	343	100	205.5	25.0	5	364	100	230.6	23.9	3	342	98	213.0	23.7	3	350	98	58.1	206	9.3	4.0	64.4
AVERAGE		188.6	21.0	0	297	94	174.8	21.9	2	314	96	200.4	22.3	1	291	91	187.9	21.7	1	301	94	56.0	203	8.4	3.7	62.6
LOW		166.9	19.1	0	231	71	140.0	18.9	0	245	75	170.8	20.2	0	205	70	159.2	19.5	0	227	72	53.2	201	7.4	3.3	61.0
LSD .05		12.2	1.1	1	31	7	12.0	1.0	1	21	4	15.7	0.9	1	24	8	14.3	1.0	1	17	4	0.9				
SOIL TYPE		BLOUNT SILT LOAM					CANFIELD SILT LOAM					FITCHVILLE SILT LOAM														
SOIL TEST (pH,P,K)		NA					NA																			

TABLE 7L. Performance of hybrids in the full season trial. NORTH CENTRAL AND NORTHEASTERN Ohio, 2005.

BRAND	HYBRID	BUCYRUS					WOOSTER					BELOIT					SUMMARY					CHARACTERISTICS				
		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		HARV		STK	FINAL		TW	SILK	PROT	OIL	STARCH
		YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	YIELD	MST	LDG	STD	EMG	LBS	DAY	%	%	%
		BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--	BU/A	-----%	100/A	--%--					
FS SEEDS EAST	6103	195.7	20.4	0	270	96	170.8	22.1	1	269	98	221.7	23.6	0	236	86	196.1	22.0	0	258	93	55.1	203	8.6	3.7	62.1
T. A. SEEDS	TA 5753	193.9	20.3	0	278	92	180.2	23.0	0	286	89	195.2	23.2	0	250	85	189.8	22.2	0	271	89	54.9	205	8.7	3.9	62.0
PIONEER	34P88	191.6	21.8	0	325	93	156.2	22.1	1	320	97	202.3	22.7	2	295	88	183.4	22.2	1	313	93	56.4	204	8.6	3.6	60.8
KIDRON SEED	728	187.0	21.4	0	283	91	165.1	22.6	2	294	87	175.4	22.5	1	245	82	175.8	22.2	1	274	87	55.5	205	9.1	3.6	61.3
STEYER	1103YGCB	180.6	19.7	4	283	94	184.9	23.2	1	313	98	218.0	23.7	0	290	94	194.5	22.2	1	295	95	55.4	205	9.2	3.6	62.0
FS SEEDS EAST	6052	184.6	20.6	1	297	99	165.5	22.9	3	306	99	197.5	23.3	1	273	89	182.5	22.3	2	292	95	58.1	205	9.1	3.6	61.7
ICORN	109.D4	196.3	21.8	4	324	96	171.4	22.2	2	333	99	190.4	23.1	1	307	93	186.0	22.3	2	321	96	54.9	204	9.2	3.9	61.6
LG SEEDS	LG 2553	173.9	21.3	0	324	99	165.5	22.1	4	354	99	219.3	23.7	4	324	97	186.2	22.4	3	334	98	54.5	205	8.1	3.6	62.4
LG SEEDS	LG 2540Bt	199.0	21.3	0	306	91	191.3	22.6	1	346	98	207.0	23.3	0	316	99	199.1	22.4	0	323	96	53.8	204	8.0	3.6	61.5
SEED CONSULTANTS	SC 1092	203.3	22.0	0	329	99	169.6	23.0	3	343	99	186.2	22.3	1	274	86	186.4	22.4	1	315	95	55.5	205	8.5	3.6	61.8
SCHLESSMAN HYBRIDS	SX-690YGCB	182.5	21.2	6	299	95	186.7	23.1	2	338	98	221.3	23.4	0	284	95	196.8	22.6	3	307	96	54.7	204	8.4	3.6	60.6
SEED CONSULTANTS	SC 10B94	188.4	19.9	7	331	97	177.8	23.3	1	332	95	222.8	24.6	0	310	94	196.3	22.6	2	324	95	54.7	204	8.3	3.8	62.3
ICORN	110.B8	197.9	21.3	11	314	100	201.5	23.2	1	309	95	208.6	23.4	0	280	91	202.7	22.6	4	301	95	54.7	205	8.4	3.8	62.1
LG SEEDS	LG 2600Bt	198.5	20.3	0	280	89	181.1	23.9	0	287	91	217.8	23.6	0	272	91	199.1	22.6	0	280	90	52.6	204	8.3	3.8	60.8
DEKALB	DKC 61-72	197.5	22.0	0	322	93	167.9	22.7	5	333	96	217.5	23.2	2	314	97	194.3	22.6	2	323	95	56.1	204	9.0	3.7	60.6
SEED CONSULTANTS	SC 1116A	173.1	21.9	2	309	91	158.4	22.0	3	356	98	197.8	24.0	1	334	94	176.4	22.7	2	333	94	53.2	208	9.3	3.9	60.5
FS SEEDS EAST	6102	187.3	20.8	0	264	87	183.0	23.1	0	281	94	207.8	24.2	0	258	89	192.7	22.7	0	268	90	54.5	204	8.6	4.0	61.6
SEED CONSULTANTS	SC 1116	211.2	22.9	0	292	97	159.2	21.8	2	295	100	200.8	24.2	0	264	91	190.4	23.0	1	284	96	55.3	204	9.3	3.9	60.0
ICORN	112.B2	182.2	23.0	0	293	89	183.9	22.7	3	303	94	203.9	23.2	1	288	94	190.0	23.0	1	294	92	56.2	204	9.4	4.0	59.5
DEKALB	DKC 61-50	191.8	22.5	2	315	95	172.1	22.1	5	333	96	210.4	24.4	1	316	98	191.4	23.0	3	321	96	55.2	205	8.4	3.9	60.5
SEED CONSULTANTS	SC 1114	176.7	22.6	1	315	92	174.4	23.0	1	321	95	201.0	23.6	0	298	92	184.0	23.1	1	311	93	56.5	207	9.4	3.6	59.8
GOLDEN HARVEST	H-8959Bt	196.6	22.9	0	327	93	193.6	23.2	0	359	97	200.6	23.3	0	311	94	197.0	23.1	0	332	95	55.5	205	9.0	4.0	59.8
DOEBLER'S	648RYG	179.3	21.6	0	294	90	179.1	23.8	1	332	97	213.9	23.9	0	293	93	190.8	23.1	0	306	93	54.5	205	8.4	3.7	62.8
DYNA-GRO	57F95	204.3	22.1	2	298	96	186.3	23.9	0	330	95	198.1	23.7	0	287	94	196.2	23.2	1	305	95	55.8	205	9.6	4.2	59.8
VIGORO	V5160	195.3	22.8	1	296	97	152.6	22.3	0	306	96	197.4	24.7	4	295	98	181.8	23.3	2	299	97	55.8	205	8.9	3.9	60.5
GOLDEN HARVEST	H-9166	193.7	21.7	1	295	93	172.7	23.7	4	329	98	189.6	24.5	1	305	99	185.3	23.3	2	310	97	56.1	204	8.5	3.8	61.8
SEED CONSULTANTS	SC 1105	200.9	23.0	0	307	96	166.5	22.7	2	302	97	195.4	24.2	0	273	95	187.6	23.3	1	294	96	54.8	209	9.0	4.3	59.6
SEED CONSULTANTS	SC 11B23	182.8	22.9	1	254	80	174.1	23.9	0	267	84	194.5	23.1	0	225	77	183.8	23.3	0	249	80	55.8	205	9.3	4.0	59.6
STEYER	1104	187.6	22.7	0	276	93	170.6	23.3	2	296	92	187.7	24.1	4	278	94	181.9	23.4	2	283	93	55.0	204	8.8	3.8	61.8
SEED CONSULTANTS	SC 1124A	192.9	22.0	1	299	95	170.0	23.4	3	302	98	177.2	24.7	1	263	92	180.0	23.4	1	288	95	56.6	206	8.4	3.8	61.5
ICORN	111.H7	189.8	22.7	2	330	98	189.9	23.7	5	333	99	170.3	24.3	0	304	95	183.3	23.6	2	322	97	55.9	206	8.9	3.8	61.6
GARST	8445	192.6	23.0	1	319	96	172.3	23.7	2	313	98	187.2	24.0	2	270	90	184.0	23.6	2	301	95	56.3	207	8.5	3.9	60.8
SEED CONSULTANTS	SC 10B96	217.2	22.8	0	297	94	207.0	25.3	0	316	99	228.3	23.0	0	299	97	217.5	23.7	0	304	97	53.5	205	8.3	3.8	60.8
DEKALB	DKC 61-45	205.7	22.6	0	308	93	187.7	24.1	0	323	96	223.9	25.0	0	310	94	205.8	23.9	0	314	94	55.2	205	8.4	3.7	61.4
SEED CONSULTANTS	SC 1126	196.7	23.5	0	288	92	173.2	23.4	4	299	96	205.2	24.8	2	288	96	191.7	23.9	2	292	95	54.8	206	8.4	4.1	60.5
ASGROW	RX 715RR2	194.2	22.9	0	305	93	158.4	23.8	0	326	97	206.8	25.2	1	312	96	186.5	24.0	0	314	96	55.1	206	9.0	3.9	61.7
VIGORO	V5240	171.0	23.0	0	305	84	160.1	24.6	2	343	99	199.9	24.4	0	289	93	177.0	24.0	1	312	92	54.0	209	8.4	3.8	60.8
DOEBLER'S	761BDT	182.2	23.9	0	278	86	194.6	25.1	0	323	92	199.9	24.8	1	305	88	192.2	24.6	0	302	89	56.2	206	9.2	3.9	60.2
DEKALB	DKC 63-81	205.9	23.1	0	325	97	187.4	27.8	0	331	98	237.4	26.2	0	297	95	210.2	25.7	0	318	97	55.4	207	8.7	4.2	60.5
PIONEER	33N09	193.9	26.1	1	333	95	169.2	25.3	8	345	98	205.9	26.9	4	299	91	189.7	26.1	5	326	95	56.5	209	9.7	3.8	60.2
HIGH		217.2	26.1	11	333	100	207.0	27.8	8	359	100	237.4	26.9	4	334	99	217.5	26.1	5	334	98	58.1	209	9.7	4.3	62.8
AVERAGE		191.9	22.1	1	302	93	175.8	23.3	2	318	96	203.5	24.0	1	288	92	190.4	23.1	1	303	94	55.3	205	8.8	3.8	61.0
LOW		171.0	19.7	0	254	80	152.6	21.8	0	267	84	170.3	22.3	0	225	77	175.8	22.0	0	249	80	52.6	203	8.0	3.6	59.5
LSD .05		15.3	1.3	1	21	6	14.2	1.4	1	20	4	16.1	1.0	1	20	6	17.1	1.2	1	18	5	1.1				
SOIL TYPE		BLOUNT SILT LOAM					CANFIELD SILT LOAM					FITCHVILLE SILT LOAM														
SOIL TEST (pH,P,K)		NA					NA					NA														
PREVIOUS CROP		SOYBEANS					SOYBEANS					CORN														
PLANTING /HARVEST DATES		MAY 10 / OCT. 27, 2005					MAY 10 / OCT. 31, 2005					MAY 11 / NOV. 4, 2005														
TILLAGE		CONVENTIONAL					CONVENTIONAL					CONVENTIONAL														
FERTILIZER (N,P,K)		180, 85, 280					220, 40, 4																			

TABLE 10. Performance of hybrids at COSHOCTON, Ohio, 2003-2005.

BRAND	HYBRID	YIELD BU/A	HARV MST	STK LDG	FINAL STD	EMG --%--	TW LBS	TWO YEAR AVERAGES						THREE YEAR AVERAGES					
								HARV STK FINAL						HARV STK FINAL					
								YIELD	MST	LDG	STD	EMG	TW	YIELD	MST	LDG	STD	EMG	TW
BU/A	-----%-----	100/A	100/A	--%--	LBS	BU/A	-----%-----	100/A	--%--	LBS	BU/A	-----%-----	100/A	--%--	LBS				
CAMPBELL SEED	5200	177.8	18.8	1	283	97	55.6												
ASGROW	RX 668RR2/YG	177.2	18.9	1	346	98	57.5												
KIDRON SEED	310	167.7	19.1	1	269	95	58.6												
DEKALB	DKC 57-30	173.0	19.3	0	296	95	58.1												
DOEBLER'S	494RYG	164.0	19.6	0	264	92	58.1												
DAUGHERTY	D-294	172.3	19.9	2	302	95	56.9	179.4	21.4	7	294	94	56.5	186.4	20.7	4	282	93	56.6
GOLDEN HARVEST	H-8402Bt	178.4	20.0	0	317	94	58.0	183.3	20.8	2	311	93	57.7						
SEED CONSULTANTS	SC 1056	177.9	20.1	1	302	98	58.3												
DOEBLER'S	575RB	168.6	20.1	3	331	96	56.9												
DAUGHERTY	D-259	191.7	20.1	1	292	96	55.5	180.8	21.7	14	298	93	55.1	188.2	20.8	10	294	95	55.1
CAMPBELL SEED	5510	187.6	20.2	1	324	100	56.0	180.3	22.1	43	322	97	55.1	186.9	21.1	29	315	97	55.3
DEKALB	DKC 61-72	200.5	20.3	2	315	95	57.0												
CAMPBELL SEED	6120	189.8	21.0	1	312	98	56.1												
SEED CONSULTANTS	SC 11B23	180.4	21.2	0	234	77	57.9	190.4	22.4	5	281	87	57.7	194.2	21.7	3	291	90	57.6
SEED CONSULTANTS	SC 1126	186.5	21.3	2	280	96	56.4												
DOEBLER'S	648RYG	179.2	21.3	2	325	99	55.5	184.4	22.8	35	323	97	55.3						
LG SEEDS	LG 2540Bt	188.6	21.4	1	308	96	54.8	187.8	22.4	8	315	94	54.8						
SEED CONSULTANTS	SC 1116	187.0	21.4	0	287	98	56.9												
LG SEEDS	LG 2600Bt	205.7	21.5	3	272	92	53.6												
VIGORO	V5240	172.4	21.8	2	317	99	55.3	185.4	22.9	2	304	97	55.1						
VIGORO	V53Y41	191.8	21.8	2	307	98	57.8	199.7	22.8	10	313	97	57.2						
VIGORO	V5160	177.4	21.8	2	291	99	56.2												
GOLDEN HARVEST	H-8920	192.6	21.9	3	326	97	56.8												
DAUGHERTY	D-305	176.2	21.9	0	265	84	57.8	180.0	22.8	6	294	90	57.9	186.5	21.9	4	298	92	57.9
DEKALB	DKC 61-45	174.0	22.0	0	325	98	57.3												
DAUGHERTY	D-300	173.1	22.0	2	284	95	57.0												
ASGROW	RX 715RR2	193.2	22.1	2	315	96	56.5												
GARST	8445	170.8	22.1	5	327	99	57.3												
SEED CONSULTANTS	SC 1124A	183.1	22.2	5	303	99	56.6	192.6	23.3	6	313	97	56.1						
GOLDEN HARVEST	H-9166	162.9	22.2	1	329	98	57.3												
GARST	8450IT	195.3	22.3	2	311	97	53.2	206.9	23.6	9	309	97	53.2	212.4	23.0	6	304	96	52.9
DEKALB	DKC 63-81	193.3	22.4	1	309	96	57.0												
VIGORO	V5450	172.0	22.4	2	279	96	56.9	190.2	23.6	4	293	97	56.4						
CAMPBELL SEED	6990	188.3	22.5	3	316	99	54.9	171.7	23.2	38	323	99	54.4						
DAUGHERTY	D-268	165.7	22.6	1	298	94	55.6	170.5	23.2	6	294	93	55.6						
DOEBLER'S	761BDT	173.3	22.6	1	308	92	58.2												
DAUGHERTY	D-377	152.3	22.7	2	270	85	56.8	172.5	23.9	3	288	88	55.2	183.2	23.5	2	291	90	55.2
CAMPBELL SEED	7070	181.1	22.9	3	306	98	56.1												
CAMPBELL SEED	7110	197.6	22.9	7	276	94	54.1												
GARST	8350YG1	204.1	23.2	1	315	99	55.6	213.6	24.7	2	308	98	55.0						
SEED CONSULTANTS	SC 11B40	195.4	23.4	0	302	98	55.5	198.3	24.0	3	324	98	54.9						
DOEBLER'S	784XYG	198.9	24.1	7	301	95	52.5	162.9	25.2	47	311	95	52.4						
HIGH AVERAGE		205.7	24.1	7	346	100	58.6	213.6	25.2	47	324	99	57.9	212.4	23.5	29	315	97	57.9
LOW		181.9	21.4	2	301	96	56.4	185.8	23.0	13	306	95	55.6	191.1	21.8	8	297	93	55.8
LSD .05		152.3	18.8	0	234	77	52.5	162.9	20.8	2	281	87	52.4	183.2	20.7	2	282	90	52.9
		13.6	0.7	1	18	4	0.7												

SOIL TYPE CHAGRIN LOAM
 SOIL TEST (pH,P,K) NA
 PREVIOUS CROP SOYBEANS
 PLANTING /HARVEST DATES MAY 11 / NOV. 3, 2005
 TILLAGE CONVENTIONAL
 FERTILIZER (N,P,K) 200, 40, 40
 COOPERATOR RIVERVIEW FFA
 COUNTY COSHOCTON

TABLE 11. Performance of hybrids at PIKETON, Ohio, 2003-2005.

BRAND	HYBRID	HARV STK FINAL						TWO YEAR AVERAGES						
		YIELD	MST	LDG	STD	EMG	TW	YIELD	MST	LDG	STD	EMG	TW	
		BU/A	-----%-----		100/A	--%--	LBS	BU/A	-----%-----	100/A	--%--	LBS		
DOEBLER'S	575RB	181.7	16.3	5	280	82	53.7							
LG SEEDS	LG 2633Bt	185.4	16.8	3	300	98	55.4							
PIONEER	34D72	193.1	16.9	12	319	96	56.0	178.0	15.6	6	324	96	58.1	
DOEBLER'S	648RYG	195.6	17.0	8	302	91	55.7	179.9	15.5	4	287	88	56.8	
GOLDEN HARVEST	H-9107	173.8	17.0	1	322	97	55.4							
LG SEEDS	LG 2640	190.5	17.1	3	323	94	54.5							
PIONEER	34P88	183.3	17.1	2	321	97	54.9							
KIDRON SEED	310	165.7	17.2	2	266	93	57.6							
GOLDEN HARVEST	H-8920	204.4	17.5	2	314	97	57.6							
SEED CONSULTANTS	SC 1116	204.4	17.6	2	294	97	56.9							
LG SEEDS	LG 2625Bt	179.8	17.6	3	320	96	54.5							
SEED CONSULTANTS	SC 11B45	180.0	17.7	9	277	91	55.1	178.0	16.1	5	260	86	57.6	
PIONEER	33H05	186.6	17.9	5	275	82	56.1							
GOLDEN HARVEST	H-9166	193.2	17.9	7	330	99	57.3							
SEED CONSULTANTS	SC 1126	184.6	18.0	25	296	95	55.2							
DOEBLER'S	761BDT	192.8	18.3	4	301	91	59.1							
SEED CONSULTANTS	SC 11H76	199.7	18.5	9	315	99	55.1							
SEED CONSULTANTS	SC 1156	186.3	18.6	7	290	96	58.8							
PIONEER	33N09	199.5	18.7	8	331	98	58.6	200.4	17.5	5	324	97	60.7	
DOEBLER'S	784XYG	193.1	19.3	3	287	90	55.2	191.7	17.5	2	286	85	58.3	
PIONEER	31G66	187.9	19.5	9	297	97	56.2							
HIGH		204.4	19.5	25	331	99	59.1	200.4	17.5	6	324	97	60.7	
AVERAGE		188.6	17.7	6	303	94	56.1	185.6	16.4	4	296	90	58.3	
LOW		165.7	16.3	1	266	82	53.7	178.0	15.5	2	260	85	56.8	
LSD .05		13.2	1.1	9	22	5	1.3							
SOIL TYPE		HUNTINGTON SILT LOAM												
SOIL TEST (pH,P,K)		NA												
PREVIOUS CROP		SOYBEANS												
PLANTING /HARVEST DATES		APR. 19 / OCT. 11, 2005												
TILLAGE		NO TILL												
FERTILIZER (N,P,K)		225, 110, 130												
COOPERATOR		CORCORAN BROTHERS FARM												
COUNTY		PIKE												