

SOUTHWEST OHIO CORN GROWERS ASSOCIATION

2007

SOYBEAN VARIETY PERFORMANCE TEST



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THE SOUTHWEST OHIO CORN GROWERS ASSOCIATION

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Dear Ohio Corn Grower:

I hope you have found our variety test a useful part of your planting decision toolbox. We have worked extremely hard at listening to your comments and suggestions for continually improving our variety test. In conjunction with Seed Consultants, Inc.® we believe we have found a great partner to make an unbiased, valuable tool for all our members to make soybean planting decisions.

This year the SWOCGA has continued its partnership with the Lancaster – Licking County Corn and Soybean Performance Test to offer a soybean variety trial. Varieties were replicated 3 times at 3 locations (Ashville, Fayetteville, and Washington Courthouse). Please note that neither the LSD nor average yield information is included in this summary package; this data is only available for the individual plot locations.

In your packet you will find the overall summary and the individual plot data for the Ashville, Lancaster, and Washington CH sites. Each individual test site location results (Ashville, Lancaster, and Washington C.H.), as well as the overall summary, will be available for free to download on the Ohio State University Extension-Fayette County website: <http://fayette.osu.edu> (see the SWOCGA page under the agriculture/natural resources section).

If you have any problems downloading the file entitled “2007 Soybean Variety Test” please contact John Yost, OSU Extension-Fayette County at (740) 335-1150.

A big **Thank You** goes out to all who have helped make this happen. From the seed companies to the seed counters, from coding varieties to tabulating and mailing results this trial cannot happen with out volunteers. I would encourage you, as a member of the Ohio Corn Growers Association, to become active in our local organization. Your time, efforts, and input would be greatly appreciated. We are always looking for new ideas in which to better serve our members. The time you invest may also be the key to your future.

Sincerely,

Jay Harmount

Jay Harmount
President
Southwest Ohio Corn Growers Association

KEYS TO INTERPRETATION

The Southwest Ohio Corn Grower Committee is often asked questions about the proper interpretation of this variety test plot data. This summary will help to explain: 1) Why is it important for us to provide this data, 2) What is the LSD, or statistical significance, and 3) How to interpret the data.

- 1) This committee was organized in 1983 as a group of farmers and agri-business persons interested in determining which hybrids/varieties provided the most consistent yields season after season. In order to quantify their curiosity they developed a side by side strip-trial as their methodology to test the different hybrids/varieties. Over time, their hybrid/variety test plots were found to be useful not only for their committee but also by area farmers as well. This test has been improved over the years to include a more rigorously designed randomized block, 3 separate locations, and statistical analysis of the results. We believe this test is important and remains a viable tool for producers to quantify yield of competing companies and better compare the many hybrids/varieties for planting decisions.

- 2) The LSD, or least significant difference, is a statistical measure of variability in the trials. These values may be used to determine if the difference between any two hybrids/varieties is likely to be a ‘real difference’ rather than just natural variation. If the yield between two hybrids/varieties is equal to or greater than the LSD, then one can be confident* that the two hybrids probably differ in yield potential. If the yield difference between two hybrids/varieties is less than the LSD, then the two hybrids/varieties probably do not differ significantly in yield potential. (**confidence refers to the probability that is data is actually different , in most cases the 0.05 level, or 95% confidence level is listed, thus only 5% of the data that is different is accounted for by chance and not a calculable difference*)

- 3) Considering that many of today’s top-yielding hybrids/varieties come from similar genetic isolines has created an artificially large number of insignificant differences in our test-plot yield comparisons. For example, a #1 ranking hybrid/varieties, may not be significantly different in yield, from a #29 hybrid/variety. However, this data does not say that all seed corn hybrids/soybean varieties are identical rather it provides a framework in which to build onto other factors such as company policies, financial plans and methods of delivery. The simple take-home message, when making comparisons with your hybrid/variety and another hybrid/variety you are considering is to see how rank, what their yield is, their moisture at each test location, and how they performed overall in this particular year, under this years weather conditions. Lastly, I want to stress that using multiple tests compounded with long-term studies will create a more accurate picture than a one-year study in one site location.

LEGEND:

★ = Test



- EXECUTIVE SUMMARY -

The following plot data is a project of the Southwest Ohio Corn Growers Association to provide soybean variety comparisons for all interested agricultural producers in the region. This project is not a stand-alone data set, rather it should be used in conjunction with other data sets in the regional area. The results of this test-plot variety comparison may not reflect yields in actual on-farm situations due to agronomic factors, soil types and weather conditions at these test sites. This should be used only as a *guide* for future variety selections.

All interested soybean companies were invited to submit Roundup Ready varieties of any maturity for testing. Forty-two different varieties were submitted for comparison. Variety names were number-coded upon arrival and used in a double-blind experiment during planting; SWOCGA committee members kept actual variety names secret until the final results were tallied. Every variety was planted three times in each plot in random locations. Identical plots were planted at on-farm locations near Ashville, Lancaster, and Washington Court House.

PLOT CHARACTERISTICS:

1. Ashville: Even stands and no major agronomic concerns. Plant date May 12. Harvest date October 15. **95% Confidence Interval** = 4.8 bushel. **Average Yield**: 56.4.
2. Lancaster: Excellent plot, no agronomic concerns. No effects were seen in final plot analysis. Plant date May 21. Harvest date October 16. **95% Confidence Interval** = 4.6 bushel. **Average Yield**: 66.2 bu/ac.
3. Fayetteville: No agronomic concerns. Plant date May 21. Harvest date October 15. **95% Confidence Interval** = 5.1 bushel. **Average Yield**: 52.5 bu/ac.

MEASUREMENTS:

Yield – is calculated on the weight of 2, 30 inch, rows harvested by a specialized Gleaner K-2 combine. Individual variety plots were 20 feet in length. Yield is calculated on a dry soybean basis (13%).

Yield Percentage of Average – A percentage comparison of a particular variety to mean of all varieties in test.

Moisture – A grain moisture determination was made for each plot using a moisture meter adapted to the combine.

Final Rank – Determined by **yield percentage of average** for all 3 plots

LSD – Least Significant Difference is listed at three probability levels: 0.10 (90% confidence interval), 0.05 (95% confidence interval), 0.01 (99% confidence interval). Differences between varieties are significant only if they are equal to or greater than the LSD value.

G.A. 1-5 – General appearance of plant at harvest; ranked as 1 through 5, with 1 being the best.

ACKNOWLEDGEMENTS:

Special thanks go to Seed Consultants for their hard work and effort in planting and harvesting the plots. Cooperating farmers and businesses providing plot locations include Bill and Bob Black (Ashville), Tim Claypool (Lancaster) and John Peterson (Washington Court House).

2007 SWOCG SOYBEAN TEST 3 LOCATION SUMMARY										ASHVILLE			FAYETTEVILLE			LANCASTER		
ENT NO.	ORG	VARIETY	G.A.	TEST WGHT	LDG	MST	YIELD BU/A	% of AVE.	RANK	YIELD BU/A	% of AVE.	RANK	YIELD BU/A	% of AVE.	RANK	YIELD BU/A	% of AVE.	RANK
23	Cropland	RC 3667	1.6	56.0	1.0	14.4%	64.8	111.1%	1	61.9	109.7%	4	59.3	113.0%	3	73.3	110.8%	6
26	Seed Consultants	9358RR	2.0	56.8	1.2	14.2%	64.2	110.1%	2	59.5	105.5%	10	57.8	110.1%	7	75.4	114.0%	1
39	Crows	C3916R	1.9	55.5	1.1	13.8%	64.1	109.9%	3	59.8	106.0%	9	57.8	110.1%	6	74.7	113.0%	3
17	Seed Consultants	9387RR	1.8	56.7	1.1	13.5%	63.6	109.0%	4	59.3	105.2%	12	57.9	110.3%	5	73.6	111.3%	5
44	Asgrow	AG3603RR	1.3	51.9	1.0	12.7%	62.7	107.4%	5	61.2	108.5%	6	56.3	107.2%	11	70.5	106.6%	10
20	Vigoro	V39N8RR	1.8	56.3	1.3	13.8%	62.6	107.3%	6	60.5	107.2%	8	59.9	114.1%	2	67.4	101.9%	17
30	Pioneer	93M42	1.2	56.1	1.0	14.3%	62.1	106.4%	7	57.2	101.4%	28	53.8	102.4%	23	75.2	113.7%	2
47	Asgrow	AG3803RR	1.7	55.5	1.0	13.7%	61.7	105.7%	8	62.7	111.2%	2	55.7	106.1%	15	66.5	100.6%	22
48	Asgrow	AG3402RR	1.6	54.4	1.7	13.6%	61.6	105.6%	9	59.4	105.2%	11	59.3	112.9%	4	66.3	100.1%	25
52	Asgrow	AG3705RR	1.3	51.5	1.2	12.7%	61.2	104.8%	10	58.8	104.2%	17	55.9	106.4%	14	68.9	104.1%	11
2	Pioneer	93M61	1.8	54.8	1.0	14.1%	61.1	104.7%	11	54.7	97.0%	35	54.8	104.5%	19	73.7	111.5%	4
12	Seed Consultants	9448RR	1.6	53.3	1.1	12.9%	60.9	104.4%	12	56.4	99.9%	30	61.1	116.3%	1	65.4	98.8%	29
4	Porter	P7739NRR	1.7	54.2	1.1	13.9%	60.0	102.8%	13	58.2	103.2%	21	57.5	109.6%	8	64.2	97.0%	39
29	Seed Consultants	9388RR	1.9	53.4	1.2	13.3%	60.0	102.8%	14	61.1	108.4%	7	50.2	95.6%	39	68.6	103.7%	14
49	Pioneer	93M92	1.7	52.5	1.6	12.4%	59.8	102.5%	15	63.4	112.4%	1	50.6	96.4%	37	65.5	98.9%	28
45	Asgrow	AG3205RR	1.9	56.1	1.0	13.4%	59.7	102.3%	16	57.7	102.2%	25	55.1	105.0%	18	66.3	100.2%	23
10	Campbell	388NRR	1.9	55.3	1.2	13.2%	59.6	102.0%	17	55.9	99.0%	33	54.3	103.4%	21	68.5	103.5%	15
37	Advanced Genetics, Inc	AGI39RN04	1.7	55.7	1.0	13.8%	59.5	102.0%	18	58.8	104.2%	18	54.1	103.0%	22	65.7	99.3%	27
8	Golden Harvest	S38-D5	2.0	55.7	1.1	15.1%	59.5	101.9%	19	57.7	102.2%	24	55.6	105.9%	17	65.1	98.4%	31
22	Cropland	RC 3897	1.9	56.1	1.6	13.9%	59.3	101.7%	20	58.8	104.3%	15	52.9	100.8%	33	66.3	100.2%	24
51	Asgrow	AG3504RR/STS	1.3	56.4	1.2	14.0%	59.1	101.3%	21	59.1	104.8%	14	53.5	101.9%	27	64.8	97.9%	35
9	Golden Harvest	537-P5	1.9	51.5	1.3	13.9%	59.0	101.2%	22	58.8	104.2%	19	53.7	102.4%	24	64.6	97.7%	37
21	Vigoro	V37N8RR	1.8	55.9	1.2	14.2%	59.0	101.0%	23	53.4	94.6%	40	56.3	107.3%	10	67.2	101.6%	18
28	Pioneer	94M30	1.3	55.2	1.0	13.1%	59.0	101.0%	24	61.6	109.2%	5	52.6	100.2%	34	62.7	94.7%	45
7	Campbell	347NRR	1.8	54.1	1.0	13.6%	58.9	100.9%	25	59.2	104.9%	13	56.2	107.1%	13	61.2	92.5%	51
15	Porter	8440NRR	1.8	56.7	1.0	13.7%	58.8	100.8%	26	51.7	91.6%	47	53.3	101.5%	29	71.4	107.9%	7
35	Advanced Genetics, Inc	AGI38RN07	1.9	54.6	1.0	13.4%	58.7	100.5%	27	58.8	104.2%	16	48.5	92.4%	42	68.6	103.8%	13
50	Asgrow	AG3905RR	1.1	53.5	1.0	13.9%	58.5	100.2%	28	53.2	94.3%	42	53.5	101.9%	26	68.7	103.9%	12
32	Pioneer	93M43	1.9	54.3	1.2	14.0%	58.1	99.6%	29	62.3	110.5%	3	41.0	78.1%	49	71.1	107.5%	8
19	Vigoro	V40N8RS	1.9	54.3	1.2	13.9%	58.0	99.3%	30	56.2	99.6%	31	53.0	100.9%	32	64.7	97.8%	36
5	Golden Harvest	539-A3	1.7	52.6	1.1	13.8%	57.9	99.2%	31	57.7	102.3%	23	53.2	101.3%	30	62.8	95.0%	44
38	Crows	C4142R	1.1	56.6	1.2	13.4%	57.8	99.0%	32	52.9	93.7%	44	53.5	102.0%	25	66.9	101.2%	19
42	Crows	C3817R	1.9	54.5	1.3	13.8%	57.6	98.7%	33	57.4	101.7%	27	48.0	91.4%	43	67.5	102.0%	16
33	Advanced Genetics, Inc	AGI38RN06	1.9	53.1	1.2	13.8%	57.5	98.6%	34	56.5	100.1%	29	45.4	86.5%	47	70.7	106.9%	9
13	Campbell	378NRR	1.7	56.1	1.1	13.5%	57.5	98.5%	35	58.6	103.8%	20	50.7	96.6%	36	63.2	95.5%	42
1	Cropland	4104	1.1	56.2	1.3	14.0%	57.3	98.2%	36	53.5	94.7%	39	53.3	101.6%	28	65.2	98.5%	30
16	Seed Consultants	9355RR	1.8	55.6	1.7	13.2%	57.2	98.0%	37	56.1	99.4%	32	48.7	92.8%	41	66.7	100.9%	20
34	Advanced Genetics, Inc	AGI38R5N04	1.8	56.4	1.3	14.1%	57.0	97.7%	38	53.1	94.1%	43	56.2	107.1%	12	61.7	93.3%	48
27	Campbell	363NRR	2.1	55.7	1.4	14.2%	56.8	97.4%	39	58.2	103.1%	22	46.1	87.8%	46	66.2	100.1%	26
46	Asgrow	AG3602RR	1.7	55.0	1.4	13.7%	56.5	96.8%	40	53.3	94.4%	41	53.1	101.2%	31	63.0	95.3%	43
31	Advanced Genetics, Inc	AGI36RN01	1.9	55.7	1.3	14.1%	56.2	96.4%	41	51.7	91.7%	46	55.7	106.1%	16	61.3	92.7%	50
40	Crows	C3418R	1.4	55.4	1.0	13.6%	56.1	96.1%	42	46.3	82.1%	52	56.7	108.1%	9	65.1	98.4%	32
25	Campbell	444NRR	1.4	55.9	1.3	14.0%	55.9	95.9%	43	55.4	98.1%	34	50.1	95.5%	40	62.3	94.2%	46
24	Pioneer	93M70	1.8	56.5	1.4	13.4%	55.4	94.9%	44	57.4	101.7%	26	46.4	88.4%	45	62.3	94.2%	47
6	Porter	P6636NRR	1.9	56.6	1.0	13.6%	55.3	94.8%	45	53.8	95.3%	38	47.2	89.9%	44	65.0	98.3%	34
14	Seed Consultants	9386RR	1.3	54.8	1.4	14.3%	55.1	94.4%	46	47.7	84.5%	51	54.4	103.6%	20	63.3	95.6%	41
11	Campbell	418NRR	1.7	55.1	1.1	14.2%	54.8	93.9%	47	50.4	89.3%	49	50.2	95.7%	38	63.8	96.4%	40
3	Vigoro	V35N8RR	1.7	54.9	1.1	13.8%	54.5	93.3%	48	49.4	87.6%	50	52.6	100.1%	35	61.4	92.8%	49
43	Crows	CV311R	2.0	53.6	1.1	13.5%	53.8	92.2%	49	53.9	95.5%	37	40.9	78.0%	50	66.6	100.7%	21
41	Crows	C3142R	1.8	52.8	1.2	13.7%	52.2	89.5%	50	54.3	96.2%	36	38.1	72.6%	52	64.3	97.2%	38
18	Vigoro	V32N8RR	1.8	56.2	1.3	14.2%	51.7	88.5%	51	50.7	89.8%	48	39.3	74.8%	51	65.1	98.4%	33
36	Advanced Genetics, Inc	AGI7374RR	1.8	53.6	1.1	14.7%	50.7	86.9%	52	52.6	93.2%	45	41.1	78.2%	48	58.6	88.5%	52
AVERAGE			1.7	54.9	1.2	13.7%	58.5	100.0%		56.4	100.0%		52.5	100.0%		66.2	100.0%	
HIGH			2.1	56.8	1.7	15.1%	64.8	111.1%		63.4	112.4%		61.1	116.3%		75.4	114.0%	
LOW			1.1	51.5	1.0	12.4%	50.7	86.9%		46.3	82.1%		38.1	72.6%		58.6	88.5%	

2007 SWCG SOYBEAN TEST - ASHVILLE, OH									
ENT NO.	ORG	VARIETY	G.A.	TEST WGHT	LDG	MST	YIELD BU/A	% of AVE.	RANK
49	Pioneer	93M92	1.7	49.1	1.7	8.0%	63.4	112.4%	1
47	Asgrow	AG3803RR	2.0	57.6	1.0	10.5%	62.7	111.2%	2
32	Pioneer	93M43	2.0	51.0	1.3	10.1%	62.3	110.5%	3
23	Cropland	RC 3667	2.0	60.0	1.0	11.6%	61.9	109.7%	4
28	Pioneer	94M30	1.3	57.5	1.0	10.4%	61.6	109.2%	5
44	Asgrow	AG3603RR	1.7	57.1	1.0	10.9%	61.2	108.5%	6
29	Seed Consultants	9388RR	2.0	50.3	1.0	10.1%	61.1	108.4%	7
20	Vigoro	V39N8RR	2.0	59.7	1.3	11.5%	60.5	107.2%	8
39	Crows	C3916R	2.5	58.0	1.0	11.3%	59.8	106.0%	9
26	Seed Consultants	9358RR	2.0	59.0	1.3	11.5%	59.5	105.5%	10
48	Asgrow	AG3402RR	2.0	55.9	2.0	10.4%	59.4	105.2%	11
17	Seed Consultants	9387RR	2.3	58.6	1.3	11.4%	59.3	105.2%	12
7	Campbell	347NRR	2.7	58.5	1.0	10.6%	59.2	104.9%	13
51	Asgrow	AG3504RR/STS	1.7	57.2	1.3	11.0%	59.1	104.8%	14
22	Cropland	RC 3897	2.3	59.7	1.7	10.7%	58.8	104.3%	15
35	Advanced Genetics, Inc	AGI38RN07	2.3	57.1	1.0	10.6%	58.8	104.2%	16
52	Asgrow	AG3705RR	2.0	45.7	1.3	8.1%	58.8	104.2%	17
37	Advanced Genetics, Inc	AGI39RN04	2.3	59.3	1.0	10.8%	58.8	104.2%	18
9	Golden Harvest	537-P5	2.7	50.2	1.3	9.8%	58.8	104.2%	19
13	Campbell	378NRR	2.0	59.6	1.0	10.9%	58.6	103.8%	20
4	Porter	P7739NRR	2.3	58.5	1.0	10.8%	58.2	103.2%	21
27	Campbell	363NRR	2.0	56.8	1.0	11.2%	58.2	103.1%	22
5	Golden Harvest	539-A3	2.3	58.5	1.3	10.8%	57.7	102.3%	23
8	Golden Harvest	S38-D5	3.0	55.5	1.0	12.3%	57.7	102.2%	24
45	Asgrow	AG3205RR	2.7	56.8	1.0	10.6%	57.7	102.2%	25
24	Pioneer	93M70	2.0	59.7	1.3	10.9%	57.4	101.7%	26
42	Crows	C3817R	2.3	60.7	1.3	11.3%	57.4	101.7%	27
30	Pioneer	93M42	1.7	57.4	1.0	11.1%	57.2	101.4%	28
33	Advanced Genetics, Inc	AGI38RN06	2.0	56.2	1.3	10.4%	56.5	100.1%	29
12	Seed Consultants	9448RR	2.3	48.0	1.3	9.6%	56.4	99.9%	30
19	Vigoro	V40N8RS	2.7	58.3	1.3	11.0%	56.2	99.6%	31
16	Seed Consultants	9355RR	1.7	58.9	1.7	10.6%	56.1	99.4%	32
10	Campbell	388NRR	2.3	57.2	1.7	10.6%	55.9	99.0%	33
25	Campbell	444NRR	1.7	58.2	1.3	11.3%	55.4	98.1%	34
2	Pioneer	93M61	2.3	59.1	1.0	10.8%	54.7	97.0%	35
41	Crows	C3142R	2.0	57.5	1.3	10.7%	54.3	96.2%	36
43	Crows	CV311R	2.7	56.4	1.3	10.8%	53.9	95.5%	37
6	Porter	P6636NRR	2.7	57.7	1.0	11.1%	53.8	95.3%	38
1	Cropland	4104	1.3	56.6	1.3	11.4%	53.5	94.7%	39
21	Vigoro	V37N8RR	2.3	58.4	1.3	11.2%	53.4	94.6%	40
46	Asgrow	AG3602RR	2.0	60.5	1.7	10.6%	53.3	94.4%	41
50	Asgrow	AG3905RR	1.0	49.6	1.0	11.1%	53.2	94.3%	42
34	Advanced Genetics, Inc	AGI38R5N04	2.0	56.7	1.7	11.2%	53.1	94.1%	43
38	Crows	C4142R	1.3	60.5	1.3	10.9%	52.9	93.7%	44
36	Advanced Genetics, Inc	AGI7374RR	2.3	57.1	1.3	10.9%	52.6	93.2%	45
31	Advanced Genetics, Inc	AGI36RN01	2.0	57.7	1.3	11.0%	51.7	91.7%	46
15	Porter	8440NRR	2.5	60.3	1.0	11.4%	51.7	91.6%	47
18	Vigoro	V32N8RR	2.3	59.8	1.3	11.1%	50.7	89.8%	48
11	Campbell	418NRR	2.0	57.3	1.0	11.4%	50.4	89.3%	49
3	Vigoro	V35N8RR	2.3	59.4	1.3	10.7%	49.4	87.6%	50
14	Seed Consultants	9386RR	1.7	53.8	1.7	11.4%	47.7	84.5%	51
40	Crows	C3418R	2.0	56.1	1.0	10.7%	46.3	82.1%	52
AVERAGE			2.1	57.0	1.3	10.8%	56.4	100.0%	
HIGH			3.0	60.7	2.0	12.3%	63.4	112.4%	
LOW			1.0	45.7	1.0	8.0%	46.3	82.1%	
PLANTING DATE: 5/12/07							ROW WIDTH	30 IN	
HARVEST DATE: 10/15/07									
							Lsd.10	4.2	BUSHEL
CV							8.1%	Lsd.05	4.8 BUSHEL
							Lsd.01	6.4	BUSHEL

2007 SWCG SOYBEAN TEST - FAYETTEVILLE, OH									
ENT NO.	ORG	VARIETY	G.A.	TEST WGHT	LDG	MST	YIELD BU/A	% of AVE.	RANK
12	Seed Consultants	9448RR	1.3	59.0	1.0	12.3%	61.1	116.3%	1
20	Vigoro	V39N8RR	2.3	56.6	1.3	12.5%	59.9	114.1%	2
23	Cropland	RC 3667	1.7	56.0	1.0	13.2%	59.3	113.0%	3
48	Asgrow	AG3402RR	1.7	60.8	1.0	12.7%	59.3	112.9%	4
17	Seed Consultants	9387RR	2.0	59.0	1.0	11.8%	57.9	110.3%	5
39	Crows	C3916R	2.3	55.8	1.0	12.0%	57.8	110.1%	6
26	Seed Consultants	9358RR	2.3	57.9	1.3	13.3%	57.8	110.1%	7
4	Porter	P7739NRR	1.7	59.6	1.0	13.0%	57.5	109.6%	8
40	Crows	C3418R	1.3	54.8	1.0	12.4%	56.7	108.1%	9
21	Vigoro	V37N8RR	2.0	57.5	1.0	13.3%	56.3	107.3%	10
44	Asgrow	AG3603RR	1.3	58.1	1.0	12.1%	56.3	107.2%	11
34	Advanced Genetics, Inc	AGI38R5N04	2.3	57.2	1.3	13.1%	56.2	107.1%	12
7	Campbell	347NRR	1.7	58.6	1.0	12.4%	56.2	107.1%	13
52	Asgrow	AG3705RR	1.0	58.4	1.0	12.6%	55.9	106.4%	14
47	Asgrow	AG3803RR	2.0	58.6	1.0	12.8%	55.7	106.1%	15
31	Advanced Genetics, Inc	AGI36RN01	2.0	57.9	1.3	13.4%	55.7	106.1%	16
8	Golden Harvest	S38-D5	2.0	59.1	1.0	14.2%	55.6	105.9%	17
45	Asgrow	AG3205RR	2.0	59.7	1.0	11.9%	55.1	105.0%	18
2	Pioneer	93M61	2.0	57.2	1.0	13.6%	54.8	104.5%	19
14	Seed Consultants	9386RR	1.3	58.5	1.7	12.9%	54.4	103.6%	20
10	Campbell	388NRR	2.0	57.2	1.0	11.7%	54.3	103.4%	21
37	Advanced Genetics, Inc	AGI39RN04	1.7	58.5	1.0	12.6%	54.1	103.0%	22
30	Pioneer	93M42	1.0	59.5	1.0	13.4%	53.8	102.4%	23
9	Golden Harvest	537-P5	2.0	59.1	1.0	12.7%	53.7	102.4%	24
38	Crows	C4142R	1.0	58.3	1.3	12.7%	53.5	102.0%	25
50	Asgrow	AG3905RR	1.3	57.2	1.0	12.7%	53.5	101.9%	26
51	Asgrow	AG3504RR/STS	1.3	60.1	1.0	12.8%	53.5	101.9%	27
1	Cropland	4104	1.0	54.7	1.0	12.6%	53.3	101.6%	28
15	Porter	8440NRR	2.0	57.8	1.0	12.3%	53.3	101.5%	29
5	Golden Harvest	539-A3	1.7	57.8	1.0	12.8%	53.2	101.3%	30
46	Asgrow	AG3602RR	1.5	58.8	1.0	12.6%	53.1	101.2%	31
19	Vigoro	V40N8RS	2.0	54.2	1.0	12.8%	53.0	100.9%	32
22	Cropland	RC 3897	2.0	56.7	1.7	13.2%	52.9	100.8%	33
28	Pioneer	94M30	1.7	58.5	1.0	11.6%	52.6	100.2%	34
3	Vigoro	V35N8RR	1.7	58.8	1.0	12.7%	52.6	100.1%	35
13	Campbell	378NRR	2.0	57.3	1.3	12.3%	50.7	96.6%	36
49	Pioneer	93M92	2.3	57.7	1.0	12.4%	50.6	96.4%	37
11	Campbell	418NRR	1.7	55.2	1.3	12.8%	50.2	95.7%	38
29	Seed Consultants	9388RR	2.7	58.6	1.3	12.5%	50.2	95.6%	39
25	Campbell	444NRR	1.7	58.3	1.0	12.9%	50.1	95.5%	40
16	Seed Consultants	9355RR	2.0	57.0	1.3	12.1%	48.7	92.8%	41
35	Advanced Genetics, Inc	AGI38RN07	2.5	57.1	1.0	11.7%	48.5	92.4%	42
42	Crows	C3817R	2.3	53.4	1.3	12.4%	48.0	91.4%	43
6	Porter	P6636NRR	2.0	57.8	1.0	12.5%	47.2	89.9%	44
24	Pioneer	93M70	2.3	56.3	1.0	12.0%	46.4	88.4%	45
27	Campbell	363NRR	2.3	58.2	1.0	13.0%	46.1	87.8%	46
33	Advanced Genetics, Inc	AGI38RN06	2.7	58.0	1.3	12.5%	45.4	86.5%	47
36	Advanced Genetics, Inc	AGI7374RR	2.0	58.4	1.0	12.7%	41.1	78.2%	48
32	Pioneer	93M43	2.7	59.8	1.0	12.8%	41.0	78.1%	49
43	Crows	CV311R	2.0	55.0	1.0	12.3%	40.9	78.0%	50
18	Vigoro	V32N8RR	2.0	57.5	1.3	12.8%	39.3	74.8%	51
41	Crows	C3142R	2.3	50.6	1.3	12.7%	38.1	72.6%	52
AVERAGE			1.9	57.5	1.1	12.6%	52.5	100.0%	
HIGH			2.7	60.8	1.7	14.2%	61.1	116.3%	
LOW			1.0	50.1	1.0	11.6%	38.1	72.6%	
PLANTING DATE: 5/21/07							ROW WIDTH	30 IN	
HARVEST DATE: 10/15/07									
							Lsd.10	4.4	BUSHEL
CV						8.9%	Lsd.05	5.1	BUSHEL
							Lsd.01	6.7	BUSHEL

2007 SWCG SOYBEAN TEST - LANCASTER, OH

ENT NO.	ORG	VARIETY	G.A.	TEST WGT	LDG	MST	YIELD BU/A	% of AVE.	RANK
26	Seed Consultants	9358RR	1.7	53.6	1.0	17.8%	75.4	114.0%	1
30	Pioneer	93M42	1.0	51.5	1.0	18.4%	75.2	113.7%	2
39	Crows	C3916R	1.0	52.6	1.3	18.0%	74.7	113.0%	3
2	Pioneer	93M61	1.0	47.9	1.0	18.0%	73.7	111.5%	4
17	Seed Consultants	9387RR	1.0	52.5	1.0	17.5%	73.6	111.3%	5
23	Cropland	RC 3667	1.0	51.9	1.0	18.2%	73.3	110.8%	6
15	Porter	8440NRR	1.0	52.0	1.0	17.4%	71.4	107.9%	7
32	Pioneer	93M43	1.0	52.2	1.3	19.0%	71.1	107.5%	8
33	Advanced Genetics, Inc	AGI38RN06	1.0	45.1	1.0	18.3%	70.7	106.9%	9
44	Asgrow	AG3603RR	1.0	40.3	1.0	15.1%	70.5	106.6%	10
52	Asgrow	AG3705RR	1.0	50.5	1.3	17.4%	68.9	104.1%	11
50	Asgrow	AG3905RR	1.0	53.8	1.0	17.8%	68.7	103.9%	12
35	Advanced Genetics, Inc	AGI38RN07	1.0	49.7	1.0	17.8%	68.6	103.8%	13
29	Seed Consultants	9388RR	1.0	51.2	1.3	17.2%	68.6	103.7%	14
10	Campbell	388NRR	1.3	51.4	1.0	17.3%	68.5	103.5%	15
42	Crows	C3817R	1.0	49.4	1.3	17.6%	67.5	102.0%	16
20	Vigoro	V39N8RR	1.0	52.5	1.3	17.4%	67.4	101.9%	17
21	Vigoro	V37N8RR	1.0	51.8	1.3	18.1%	67.2	101.6%	18
38	Crows	C4142R	1.0	51.0	1.0	16.8%	66.9	101.2%	19
16	Seed Consultants	9355RR	1.7	51.0	2.0	17.0%	66.7	100.9%	20
43	Crows	CV311R	1.3	49.4	1.0	17.3%	66.6	100.7%	21
47	Asgrow	AG3803RR	1.0	50.3	1.0	17.9%	66.5	100.6%	22
45	Asgrow	AG3205RR	1.0	51.8	1.0	17.6%	66.3	100.2%	23
22	Cropland	RC 3897	1.3	51.7	1.3	17.9%	66.3	100.2%	24
48	Asgrow	AG3402RR	1.0	46.4	2.0	17.8%	66.3	100.1%	25
27	Campbell	363NRR	2.0	52.0	2.3	18.4%	66.2	100.1%	26
37	Advanced Genetics, Inc	AGI39RN04	1.0	49.2	1.0	18.0%	65.7	99.3%	27
49	Pioneer	93M92	1.0	50.7	2.0	16.8%	65.5	98.9%	28
12	Seed Consultants	9448RR	1.0	53.0	1.0	16.7%	65.4	98.8%	29
1	Cropland	4104	1.0	57.2	1.5	17.9%	65.2	98.5%	30
8	Golden Harvest	S38-D5	1.0	52.6	1.3	18.8%	65.1	98.4%	31
40	Crows	C3418R	1.0	55.4	1.0	17.6%	65.1	98.4%	32
18	Vigoro	V32N8RR	1.0	51.2	1.3	18.9%	65.1	98.4%	33
6	Porter	P6636NRR	1.0	54.3	1.0	17.3%	65.0	98.3%	34
51	Asgrow	AG3504RR/STS	1.0	51.7	1.3	18.3%	64.8	97.9%	35
19	Vigoro	V40N8RS	1.0	50.4	1.3	17.8%	64.7	97.8%	36
9	Golden Harvest	537-P5	1.0	45.1	1.7	19.1%	64.6	97.7%	37
41	Crows	C3142R	1.0	50.4	1.0	17.8%	64.3	97.2%	38
4	Porter	P7739NRR	1.0	44.4	1.3	17.9%	64.2	97.0%	39
11	Campbell	418NRR	1.3	52.7	1.0	18.3%	63.8	96.4%	40
14	Seed Consultants	9386RR	1.0	52.1	1.0	18.6%	63.3	95.6%	41
13	Campbell	378NRR	1.0	51.4	1.0	17.2%	63.2	95.5%	42
46	Asgrow	AG3602RR	1.5	45.7	1.5	17.9%	63.0	95.3%	43
5	Golden Harvest	539-A3	1.0	41.5	1.0	17.8%	62.8	95.0%	44
28	Pioneer	94M30	1.0	49.5	1.0	17.3%	62.7	94.7%	45
25	Campbell	444NRR	1.0	51.1	1.7	17.9%	62.3	94.2%	46
24	Pioneer	93M70	1.0	53.5	2.0	17.2%	62.3	94.2%	47
34	Advanced Genetics, Inc	AGI38R5N04	1.0	55.4	1.0	17.9%	61.7	93.3%	48
3	Vigoro	V35N8RR	1.0	46.4	1.0	17.9%	61.4	92.8%	49
31	Advanced Genetics, Inc	AGI36RN01	1.7	51.5	1.3	17.8%	61.3	92.7%	50
7	Campbell	347NRR	1.0	45.2	1.0	17.7%	61.2	92.5%	51
36	Advanced Genetics, Inc	AGI7374RR	1.0	45.4	1.0	20.5%	58.6	88.5%	52
AVERAGE			1.1	50.6	1.2	17.8%	66.2	100.0%	
HIGH			2.0	57.2	2.3	20.5%	75.4	114.0%	
LOW			1.0	40.3	1.0	15.1%	58.6	88.5%	
PLANTING DATE: 5/21/07							ROW WIDTH	30 IN	
HARVEST DATE: 10/16/07									
							Lsd.10	4.0	BUSHEL
CV						6.0%	Lsd.05	4.6	BUSHEL
							Lsd.01	6.1	BUSHEL