

JACOBSEN SEED IOWA SHOWCASE FIELD

FARM:	lowa Showcase Field	DATE PLANTED:	5/8/2018
LOCATION:	Lake View, IA	DATE HARVESTED:	10/18/2018
COUNTY:	Sac	PLANTING RATE:	130,000
ENTRIES:	18	ROW WIDTH:	30

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
J774NR2X	1	72.1	12.4
J886NR2X	2	69.3	12.3
J761NR2X	2	69.3	12.3
J878NR2X	4	69.2	12.7
J740NR2	5	67.1	12.6
J781NR2X	6	66.1	12.3
J889NR2XS	7	66.0	12.8
J960NR2X	8	65.5	12.8
J847NR2	9	65.1	12.0
J669NR2	10	65.1	12.4
J764NR2	11	65.0	13.4
J678NR2X	12	63.1	12.1
J3876LL	13	59.5	13.1
J3858LL	14	58.9	12.2
J846GT	15	57.9	12.6
J856R2	16	56.7	13.2
J3755LL	17	54.6	12.7
J3659LL	18	50.1	12.6

This plot is located on heavy glacial soils and received almost 30" of rain from planting to harvest. Soybeans being able to handle 'wet feet' was one of the biggest yield determining factors along with the newer genetic package of RR2X soybeans. This plot also recieved a removal rate of Potassium this spring and was NOT sprayed with fungicide.



FARM:	Lemker Farms	DATE PLANTED:	5/18/2018
LOCATION:	Breda, IA	DATE HARVESTED:	10/23/2018
COUNTY:	Carroll	PLANTING RATE:	138,000
ENTRIES:	8	ROW WIDTH:	7.5"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Titan Pro 26L85	1	62.0	10.6
Jacobsen 3876LL	2	61.6	10.6
Titan Pro 24L27	3	60.2	10.5
Titan Pro 23L54	4	56.4	10.8
Jacobsen 3858LL	5	55.4	10.8
Jacobsen 3755LL	6	55.2	10.6
Jacobsen 3659LL	7	54.6	10.6
Titan Pro 29L67	8	51.2	10.5

This is a long term no-till operation located on a creek bottom made of Colo silty clay loam. These drilled beans did have some late season lodging due to season long excess moisture and some strong storms in early fall. They were NOT sprayed with fungicide.



FARM:	Fred Zenk	DATE PLANTED:	5/18/2018
LOCATION:	Akron, IA	DATE HARVESTED:	11/1/2018
COUNTY:	Plymouth	PLANTING RATE:	160,000
ENTRIES:	10	ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Jacobsen 669NR2	1	81.1	13.5
Jacobsen 740NR2	2	75.0	13.7
Jacobsen 764NR2	3	73.3	13.6
Jacobsen 3659LL	4	73.0	13.4
Jacobsen 3755LL	5	72.8	13.5
Jacobsen 886NR2X	6	69.9	13.3
Jacobsen 781NR2X	7	69.8	13.4
Jacobsen 878NR2X	8	69.1	13.4
Jacobsen 774NR2X	9	68.1	13.4
Jacobsen 678NR2X	10	64.6	13.2

This plot is situated on uniform Galva Silty Clay Loam soil, a well drained soil type. This field is in a corn and bean rotation and hog manure is applied every year in front of corn which has lead to high testing soils. This field was cultivated and no fungicide was used.



FARM:	James Jensen	DATE PLANTED:	4/24/2018
LOCATION:	Harlan, IA	DATE HARVESTED:	10/22/2018
COUNTY:	Shelby	PLANTING RATE:	141,000
ENTRIES:	4	ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Jacobsen 3876LL	1	74.8	10.5
Jacobsen 3858LL	2	70.0	10.4
Jacobsen 3755LL	3	67.7	10.2
Jacobsen 3659LL	4	58.7	10.2
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Located in well drained silty loam soil, this plot was located exactly where our Liberty Link Soybeans do best. The 1.9RM showed the impact of the weeks long rain delay the most with lodging and bean loss due to pods popping. No fungicide was sprayed and no fetilizer was used ahead of soybeans.

PLOT DATA SOYBEANS



NORTHWEST IOWA

FARM:	Doug Stahly	DATE PLANTED:	5/22/2018
LOCATION:	Harris, IA	DATE HARVESTED:	10/20/2018
COUNTY:	Osceola	PLANTING RATE:	145,000
ENTRIES:	7	ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Jacobsen 740NR2 (treated)	1	59.5	12.4
Jacobsen 761NR2X	2	58.8	12.2
Jacobsen 740NR2 (untreated)	3	58.7	12.4
Jacobsen 669NR2	4	58.6	12.3
Jacobsen 678NR2X	5	56.4	12.2
Jacobsen 781NR2X	6	56.4	12.3
Jacobsen 764NR2	7	56.2	12.3
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Located on fertile glacial soils, this plot did exceptionally well considering the delayed planting along with over 30" of rain this season. This ground has a history of chicken litter and nutrient values are optimum. NO fungicide was sprayed.

PLOT DATA SOYBEANS



NORTH EAST IOWA

FARM:	Aaron Sprung	DATE PLANTED:	5/27/2018
LOCATION:	Plymouth, IA	DATE HARVESTED:	10/24/2018
COUNTY:	Mitchell	PLANTING RATE:	135-150K
ENTRIES:	6	ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Jacobsen 764 NR2	1	65.6	11.3
Jacobsen 740 NR2	2	62.4	11.5
Jacobsen 3755 LL	3	60.6	11.5
Jacobsen 3659 LL	4	58.2	11.5
Jacobsen 761 NR2X	5	58.1	11.5
Jacobsen 678 NR2X	6	55.7	11.5

This plot faced experienced heavy rain throughout the season and subsequently two entries were dropped from the final anaylsis due to drowning out.

NORTHWEST IOWA - SPENCER ROUNDUP PLOT 13 OUT OF 13 ENTRIES

		DATE HAI	RVESTED:	10/2	3/2018
COUNTY:	Clay	PLANTING RATE:		150,000	
DATE PLANTED:	5/31/2018	ROW WIDTH:		30"	
VARIE'	ТҮ	RANK	BU/AC	RE	% H2O
Jacobsen 740NR2		1	61.5		10.3
Dairyland Seeds 1	950R2	2	61.4		10.4
Dairyland Seeds 2	110R2	3	60.7		10.7
Dairyland Seeds 2	616R2	4	60.7		11.9
Integra 21946N		5	59.1		10.8
Becks 185R2		6	59.1		11.0
Jacobsen 669NR2		7	59.0		10.1
Jacobsen 764NR2		8	56.8		11.1
Dairyland Seeds 23	330R2	9	55.7		11.0
Midwest Genetics	R2421	10	55.4		11.0
Dairyland Seeds 18	870R2	11	55.4		10.6
Midwest Genetics	R1942	12	51.3		10.9
Legend 27R52		13	48.2		13.4

For a complete list visit www.claycountygrowers.com

NORTHWEST IOWA - SPENCER XTEND PLOT 35 OUT OF 35

		DATE HARVESTED: 10/23/2018		2018
COUNTY:	Clay	PLANTING F	RATE: 150,00	0
DATE PLANTED:	5/31/2018	ROW WIDTH	l: 30"	
VAF	RIETY	RANK	BU/ACRE	% H2O
Hefty 24X8		1	67.6	12.3
Becks 2559X2		2	65.0	15.8
Hefty H22X8		3	65.0	11.1
LG 2281X		4	64.7	10.4
Jacobsen 781NR	2X	5	64.4	10.5
Golden Harvest 1	852X	6	63.5	10.5
Legend 24X842N		7	62.5	12.8
Integra 52459NR	2X	8	62.2	13.1
LG 1838X		9	60.9	10.5
Midwest Genetics	s X2441	10	60.6	14.3
LG 2126X		11	60.6	10.8
Becks 2119X2		12	60.6	10.5
Jacobsen 761NR2	2X	13	60.3	11.5
Midwest Genetics	s X2642	14	60.3	12.1
Hefty 20X7		15	60.2	10.5
Integra 52168NR	2X	16	60.0	11.5
Legend 21X70N		17	59.7	11.3
Jacobsen 678NR2	2X	18	59.5	11.1
LG 2007X		19	59.0	10.4
Hefty 18X8		20	59.0	10.6
Legend 28X840N		21	58.8	14.8
Golden Harvest 1	915X	22	58.7	11.1
Hefty 19X8		23	58.7	10.8
Golden Harvest 2		24	58.5	11.0
Golden Harvest 2	.788X	25	58.2	12.1
LG 2239X		26	57.2	12.4
Golden Harvest 2		27	56.0	11.2
Legend 23X290N		28	55.7	11.1
Integra 52399NR	2X	29	54.7	11.4
Integra 52079x		30	53.9	11.0
LG 2444X		31	53.7	12.4
Legend 20X963N		32	53.6	10.3
Becks 1889X2	C10V	33	52.6	11.2
Golden Harvest 1 Midwest Genetics		34	50.9	10.8
	S X I 94Z	35	46.8	11.0

For a complete list visit www.claycountygrowers.com



FARM:	Doug Heinichen	DATE PLANTED:	5/7/2018
LOCATION:	Little Amana, Iowa	DATE HARVESTED:	10/25/2018
COUNTY:	lowa	PLANTING RATE:	165,000
ENTRIES:	11	ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Jacobsen 886NR2	1	69.5	11.4
Jacobsen 878NR2X	2	68.5	11.4
Jacobsen 984NR2X	3	67.7	11.5
Jacobsen 764NR2	4	66.8	11.4
Jacobsen 774NR2X	5	66.2	11.3
Pioneer 31A22X	6	62.1	11.5
Jacobsen 960NR2X	7	60.6	11.5
Jacobsen 847NR2X	8	58.5	11.5
Jacobsen 889NR2X	9	56.6	11.4
Jacobsen 846GT	10	56.2	11.4
Jacobsen 856R2	11	52.8	11.4

Located on moderately well drained soil this plot an early dry spell followed but excessive rainfall at the end of the season, including a radar indicated tornado. Potash was applied this spring before soybeans. No foliar fungicide was used.



SOUTH CENTRAL IOWA

FARM:	Morford Farms Ltd.	DATE PLANTED:	05/20/2013
LOCATION:	Earlham, Iowa	DATE HARVESTED:	10/20/2018
COUNTY:	Madison	PLANTING RATE:	153,884
ENTRIES:		ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
J764NR2	15	11.3	63.6
J774NR2X	3	11.4	70.7
J846GT	20	11.4	60.1
J856R2	18	11.3	61.4
J847NR2	11	11.4	67.3
J886NR2X	12	11.4	66.3
J878NR2X	2	11.1	71.7
J889NR2X	7	11.1	68.2
J960NR2X	14	11.1	63.8
J984NR2X	5	11.0	69.6
CHECK 847	9	11.0	67.4
J984NR2X	4	11.0	70.3
J960NR2X	17	11.0	63.3
J889NR2X	10	11.0	67.3
J878NR2X	1	11.0	72.3
J886NR2X	13	11.0	66.1
J847NR2	6	11.0	69.3
J856R2	19	11.0	60.6
J846GT	21	11.0	59.3
J774NR2X	8	11.0	68.1
J764NR2	16	11.0	63.6

This plot is located just south of Interstate 80 in Madison County. This field received less than 1" of rain from July 1st - August 13th. (33" total for the year). It has been in continuous no-till for the last 6 years. The field consists of 50% Macksburg Silty Clay Loam soil (SWP drained), and 50% Sharpsburg Silty Clay Loam (MW Drained). This plot was planted twice and has been left in planting order.



FARM:	Kevin Carstensen	DATE PLANTED:	
LOCATION:	Odebolt, IA	DATE HARVESTED:	9/28/2018
COUNTY:	Sac	PLANTING RATE:	160,000
ENTRIES:	15	ROW WIDTH:	30"

VARIETY	RANK	Yield @ 13% Moisture BU/ACRE	% H2O
Jacobsen 774NR2X	1	80.5	13.3
Jacobsen 764NR2	2	79.1	13.4
Jacobsen 878NR2X	3	76.0	13.2
Pioneer 31A22	4	76.0	13.9
Pioneer 23A32	5	75.9	13.0
Pioneer 24A99	6	75.7	14.2
Pioneer 21A28	7	75.1	13.2
Asgrow 2431	8	74.9	14.6
NK 1915	9	74.7	13.6
Pioneer 27A17	10	73.0	12.8
Pioneer 29A25	11	73.0	14.5
Jacobsen 761NR2X	12	72.3	14.2
Pioneer 25A27	13	70.6	12.8
Pioneer 33T19	14	70.0	14.1
Pioner 25T51	15	67.0	12.6

This plot was placed on moderately well drained soil with a history of manure and fertilization that have kept soil levels high. Potash was applied this spring before planting and fungicide along with micronutrients was sprayed at R3.