



PLOT DATA CORN



JACOBSEN SEED IOWA SHOWCASE FIELD

FARM: Iowa Showcase Field

DATE PLANTED: 5/7/2016

LOCATION: Lake View, IA

DATE HARVESTED: 10/11/2016

COUNTY: Sac

PLANTING RATE: 33,500

ENTRIES: 35

ROW WIDTH: 30"

HYBRID	RANK	BU/ACRE	% H2O	TEST WEIGHT
JS 5706 DGV2P	1	255.8	21.2	56
JS 7503 VT2 PRO RIB	2	250.5	17.3	59
JS 7468 VT2 PRO RIB	3	250.4	18.5	58
JS 7668 VT2 PRO RIB	4	250.1	18.6	58
JS 6370 RR	5	248.4	17.4	58
JS 4306 CONV	6	247.2	17.2	58
JS 7611 VT2 PRO RIB	7	246.6	18.0	57
JS 4503 CONV	8	244.2	17.6	60
JS 4540 CONV	9	242.6	19.3	58
JS 7468 VT2 PRO RIB	10	241.2	18.0	58.5
JS 4456 CONV	11	240.6	17.6	59
JS 7748 VT2 PRO RIB	12	235.8	21.0	58
JS 9306 SS RIB	13	235.8	17.4	58
JS 7205 VT2 PRO RIB	14	235.5	17.5	58
JS 7383 GTCBLL	15	234.9	17.7	55
JS 6540 RR	16	234.4	18.5	58.5
JS 9503 SS RIB	17	234.1	18.0	58
JS 7306 VT2 PRO RIB	18	234.0	17.4	58
JS 6383 GT	19	233.7	17.5	58
JS 4419 CONV	20	232.4	17.3	57
JS 7279 VT2 PRO RIB	21	232.2	17.4	57.5
JS 9383 3000GT	22	231.8	18.8	55
JS 6593 GT	23	230.6	18.6	57
JS 7468 VT2 PRO RIB	24	228.4	18.1	58
JS 9593 3000GT	25	227.2	19.8	55
JS 9266 SS RIB	26	226.3	16.9	57
JS 7593 GTCBLL	27	224.8	18.1	57
JS 4121 CONV	28	219.9	15.2	58
JS 4044 CONV	29	216.7	15.7	57.5
JS 7178 VT2 PRO RIB	30	213.3	15.6	59
JS 4781 CONV	31	211.5	19.1	60
JS 4284 CONV	32	205.9	17.1	59
JS 6337 GT	33	198.7	17.1	57
JS 9730 SS RIB	34	182.9	20.8	57
JS 7730 VT2 PRO RIB	35	127.9	20.7	58

Both corn and beans receive removal rates of P and K at this plot which helps mediate some soil variability and stress. Another plot that was planted in warm weather, emergence was quick and even. Most numbers benefited from our plentiful rainfall but a handful of storms battered the field with small hail and strong winds. As a result 6337, 9730, and 7730 all suffered green snap which is reflected in their yield results.

PLOT DATA CORN



JACOBSEN SEED NE SHOWCASE FIELD

FARM: Nebraska Showcase Field **DATE PLANTED:**
LOCATION: Norfolk, NE **DATE HARVESTED:** 10/22/16
COUNTY: Madison **PLANTING RATE:**
ENTRIES: 33 **ROW WIDTH:** 30"

HYBRID	RANK	BU/ACRE	% H2O	TEST WEIGHT
JS 9503 SS RIB	1	239.2	5.0	
JS 6593 GT	2	224.9	17.3	
JS 4306 CONV	3	220.1	17.3	
JS 6540 RR	4	218.8	17.1	
JS 4704 CONV	5	214.4	15.7	
JS 9383 3000 GT	6	212.1	17.0	
JS 7748 VT2 PRO RIB	7	211.7	15.9	
JS 9306 SS RIB	8	210.9	18.2	
EX41	9	209.5	17.6	
EX00	10	208.1	16.9	
JS 4540 CONV	11	207.4	17.6	
JS 4503 CONV	12	207.4	15.8	
JS 4730 CONV	13	207.3	15.7	
JS 6370 RR	14	203.6	18.4	
JS 6337 GT	15	202.1	18.9	
JS 4456 CONV	16	202.0	15.9	
JS 7611 VT2 PRO RIB	17	201.2	17.0	
JS 7205 VT2 PRO RIB	18	200.0	16.3	
JS 6383 GT	19	198.0	17.9	
JS 7468 VT2 PRO RIB	20	197.6	16.4	
JS 7468 VT2 PRO RIB	21	195.8	16.0	
JS 5706 DG VT2P	22	195.7	15.1	
JS 7730 VT2 PRO RIB	23	193.3	15.1	
JS 7468 VT2 PRO RIB	24	191.7	16.6	
JS 7503 VT2 PRO RIB	25	191.4	16.3	
JS 4781 CONV	26	190.6	16.4	
JS 7668 VT2 PRO RIB	27	188.0	16.1	
EX 18 VT2 PRO RIB	28	186.7	16.2	
JS 9593 3000 GT	29	186.6	17.1	
JS 9730 SS RIB	30	185.6	16.6	
EX71 VT2 PRO RIB	31	181.6	16.7	
JS 7468 VT2 PRO RIB	32	181.3	18.4	
JS 4761 CONV	33	179.8	15.9	

This plot was yet another that benefited from higher than normal rainfall totals. Favorable weather at planting brought on uniform emergence across entire plot. Very little disease was present at this site.



PLOT DATA CORN



EASTERN NEBRASKA

FARM: Darold Gehring

DATE PLANTED: 4/25/2016

LOCATION: Columbus, NE

DATE HARVESTED: 10/13/2016

COUNTY: Platte

PLANTING RATE: 28,000

ENTRIES: 8

ROW WIDTH: 36"

HYBRID	RANK	BU/ACRE	% H2O	TEST WEIGHT
JS 7668 VT2 PRO RIB	1	213.4	16.4	
H 7606 AM	2	203.6	16.0	
M 2G685 3000GT	3	203.3	16.6	
P1197 AM	4	195.9	16.4	
JS 6540 R	5	194.2	17.1	
P0801 AMX	6	178.9	17.5	
JS 7730 VT2 PRO RIB	7	133.6	17.7	
M 2C799 SSTX	8	131.4	17.7	

H = Hoegemeyer

M = Mycogen

Emergence was quick and even, with stands being strong until high winds on July 5th and 6th caused severe greensnap in a multiple hybrids. Some Gray Leaf spot was present but did not severely effect yield.

PLOT DATA CORN



WEST CENTRAL IOWA

FARM: Lake View A
LOCATION: Lake View, IA
COUNTY: Sac
ENTRIES: 7

DATE PLANTED: 5/5/2016
DATE HARVESTED: 10/13/2016
PLANTING RATE: 27,000
ROW WIDTH: 30"

HYBRID	RANK	BU/ACRE	% H2O	TEST WEIGHT
JS 5706 DGVT2P	1	197.8	20.5	57
JS 7503 VT2 PRO RIB	2	196.8	17.1	59.5
JS 7668 VT2 PRO RIB	3	192.6	18.8	58
H 8067 AMX	4	191.5	19.2	57.5
JS 7730 VT2 PRO RIB	5	184.9	20.8	59.5
H 8295 AMX	6	182.6	18.5	58
JS 7468 VT2 PRO RIB	7	174.2	16.9	59

H = Hoegemeyer

Planted after most of the cool snaps, emergence was even and quick for all numbers except 7468 which suffered from mechanical issues. A relatively shallow soil profile to sand and gravel can quickly lead to stress in hot/dry conditions but late rains allowed for higher yields. A late season windstorm did affect 7730 with green snap on the outer rows and is reflected in its overall yield.



PLOT DATA CORN



WEST CENTRAL IOWA

FARM: Lake View B

DATE PLANTED: 4/13/2016

LOCATION: Lake View, IA

DATE HARVESTED: 10/24/2016

COUNTY: Sac

PLANTING RATE: 34,500

ENTRIES: 21

ROW WIDTH: 30"

HYBRID	RANK	BU/ACRE	% H2O	TEST WEIGHT
JS 7611 VT2 PRO RIB	1	274.7	17.7	55.3
GH 12W66 3000 GT	2	268.6	19.5	56.7
DKC 60-67 SS	3	267.8	17.6	58.5
JS 7468 VT2 PRO RIB	4	266.3	17.2	57.3
P 1197 AMXT	5	262.9	18.9	55
P 0937 AM	6	262.6	17.9	57.1
GH 14R38 3122	7	261.1	20.5	57
JS 7748 VT2 PRO RIB	8	259.6	19.8	57.6
JS 7668 VT2 PRO RIB	9	257.2	18.8	56.2
GH 14R38 3122	10	256.4	20.9	
GH 07F23 3111	11	253.0	16.4	54.8
GH 12J11 5222A	12	251.7	19.0	55.3
GH 11F16 5222A	13	251.0	18.8	54
GH 10C45 5122	14	246.6	17.2	57.5
GH 13M88 5222	15	245.8	19.9	52.6
GH 03A50 5122	16	234.7	15.3	58.4
GH 06N80 5222	17	233.1	16.4	57.3
GH 01P52 3122A	18	230.3	15.4	56.9
GH 01P52 3122A	19	229.8	15.3	57.7
GH 02W74 3000 GT	20	228.3	16.0	56
GH 03H42 5122	21	216.8	16.4	59.9

GH = Golden Harvest

This plot's early planting allowed it to take advantage of the entire growing season but led to uneven emergence and stand in the cool, wet weather. Throughout the season the field received high management including optimum nutrients and timely fungicide which allowed it to push toward top end yield.



PLOT DATA CORN



WEST CENTRAL IOWA*

FARM: Lake View C
LOCATION: Lake View, IA
COUNTY: Sac
ENTRIES: 20

DATE PLANTED: 5/6/2016
DATE HARVESTED: 10/25/2016
PLANTING RATE: 33,500
ROW WIDTH: 30"

HYBRID	ENTRY NO.	BU/ACRE	% H2O	TEST WEIGHT	RANK
JS 4503 CONV	1	217.7	16.5	55.5	9
JS 7468 VT2 PRO RIB	2	220.0	17.5	58	5
JS 4781 CONV	3	218.2	16.8	57	8
JS 6540 RR	4	215.6	18.0	58	11
JS 7730 VT2 PRO RIB	5	219.6	20.4	59	6
JS 7748 VT2 PRO RIB	6	216.3	19.9	58.5	10
H 8295 AMX	7	202.2	19.5	58	20
JS 5706 DGV2P	8	210.4	21.8	57	17
JS 7468 VT2 PRO RIB	9	214.1	16.3	55	12
JS 7668 VT2 PRO RIB	10	211.0	17.4	58	15
H 8067 AMX	11	208.7	17.4	57.5	18
JS 7611 VT2 PRO RIB	12	218.8	16.0	57	7
H 8049 AMX	13	208.7	17.3	57	19
JS 9593 3000GT	14	210.8	17.1	59	16
JS 7503 VT2 PRO RIB	15	225.3	15.7	58	4
JS 6370 R	16	227.1	15.5	58	3
JS 9306 SS RIB	17	227.6	16.3	58.5	2
H 7541 AM	18	212.6	16.7	57.5	14
JS 7205 VT2 PRO RIB	19	230.5	15.8	58.5	1
JS 7468 VT2 PRO RIB	20	213.0	15.6	57.5	13

H = Hoegemeyer

*Listed in order of entry number in the field.

At almost 1500 feet of silty clay loam, this is our longest plot. This field also benefited from warm temperatures at planting time and emerged evenly. With two conventional numbers in the line up, the entire field was treated conventionally.



PLOT DATA CORN



SOUTH CENTRAL IOWA*

FARM: Angeroth
LOCATION: Early, IA
COUNTY: Sac
ENTRIES: 13

DATE PLANTED:
DATE HARVESTED: 10/19/2016
PLANTING RATE:
ROW WIDTH: 30"

HYBRID	ENTRY NO.	BU/ACRE	% H2O	TEST WEIGHT	RANK
JS 9306 SS RIB	1	250.7	18.1	58	3
JS 7468 VT2 PRO RIB	2	232.6	17.4	58.5	12
JS 7503 VT2 PRO RIB	3	235.2	17.2	59	10
JS 7668 VT2 PRO RIB	4	235.7	19.4	57.5	9
JS 7611 VT2 PRO RIB	5	243.5	18.9	58	8
P0937 AM	6	212.0	19.3	58	13
JS 7468 VT2 PRO RIB	7	247.3	17.6	58.5	5
JS 6540 RR	8	244.8	18.5	58	6
JS 6370 RR	9	243.8	17.2	58	7
JS 7503 VT2 PRO RIB	10	247.9	16.8	57.5	4
JS 7668 VT2 PRO RIB	11	261.5	18.8	58	1
JS 7611 VT2 PRO RIB	12	253.7	18.9	58.5	2
JS 7468 VT2 PRO RIB	13	234.4	19.4	57.5	11

*Listed in order of entry number in the field.
 This is another plot that missed much of the cold weather and had even emergence and stands as it was planted May 6th. The hybrids here fought little weed or disease pressure but a difference in soil type that changed mid plot appeared to have a more than expected affect. One competitor number was left out due to mechanical issues at planting.

PLOT DATA CORN



CENTRAL IOWA

FARM: Kirk Citurs
LOCATION: Scranton, IA
COUNTY: Greene
ENTRIES: 31

DATE PLANTED: 5/16/2016
DATE HARVESTED: 10/14/2016
PLANTING RATE: 35,000
ROW WIDTH: 30"

HYBRID	ENTRY NO.	BU/ACRE	% H2O	TEST WEIGHT	RANK
GL6462	1	240.1	16.9	60	2
GL6462	2	212.9	18.5	59.6	22
APX7476	3	212.2	18.3	59	24
APX7228	4	216.0	18.4	56	19
AP1061	5	212.7	16.5	56	23
APPOWER8	6	190.0	17.0	60	30
APBELAIR	7	192.0	17.5	60.3	29
PBCL820	8	200.8	18.3	59	28
APX6268	9	218.9	18.6	57.1	16
AP1061	10	215.1	17.3	56.7	21
PB6459	11	224.1	16.3	58.2	9
AP1090	12	219.0	16.3	58	15
APX7269	13	243.9	17.9	56.9	1
PBCL780	14	181.2	18.9	57.7	31
AP1061	15	216.9	17.2	56.7	17
APX3684	16	219.4	17.7	56.5	11
GL5755	17	219.1	17.0	57.1	13
GL5755	18	210.9	16.8	57.2	25
JS4503 CONV	19	231.1	16.1	59.1	4
AP1061	20	205.7	16.7	56.4	26
JS4540 CONV	21	236.9	17.6	58.2	3
AP1061	22	219.0	16.9	56.7	14
JS4456 CONV	23	219.1	16.5	57.5	12
JS4419 CONV	24	224.2	17.1	57	8
AP1061	25	226.0	16.8	57.1	6
APX6249	26	224.6	16.5	57.5	7
AP1041	27	216.7	16.7	55.5	18
GL5283	28	215.5	15.4	58.1	20
AP950	29	201.7	14.9	56.1	27
AP1061	30	229.4	16.6	56.6	5
GL5785	31	222.9	16.0	56.5	10

GL = Great Lakes
 AP = Ag Performance
 PB = Partners Brand

The plot was planted on May 16 because we had to wait for the field to dry out properly, but was in fairly good shape when planted. Stands were uneven and reduced because of uneven planting conditions. Everything stood well even with some strong storms. It got hot and dry at times but it was never over stressed for moisture. It did not have ear tip loss as did many fields in the area. There was never a sign of nutrient deficiencies.



PLOT DATA CORN



NORTHWEST IOWA

FARM: Fred Zenk
LOCATION: Akron, IA
COUNTY: Plymouth
ENTRIES: 15

DATE PLANTED: 5/5/16
DATE HARVESTED: 10/28/16
PLANTING RATE: 33,400
ROW WIDTH: 30"

HYBRID	RANK	BU/ACRE	% H2O	TEST WEIGHT
7668 VT2PRO RIB	1	258.0	16.8	58.5
7468 VT2PRO RIB	2	247.4	17.9	57.5
7611 VT2PRO RIB	3	245.7	17.5	57.5
7730 VT2PRO RIB	4	243.6	18.5	59.0
7468 VT2PRO RIB	5	240.6	17.5	58.5
9503 SS RIB	6	240.6	15.9	58.5
9593 3000GT	7	236.2	18.8	57.5
7205 VT2PRO RIB	8	232.5	16.4	59.0
5706 DGV2P	9	230.1	20.3	58.0
9337 300GT	10	221.3	18.3	56.0
6540 R	11	217.9	18.6	59.0
9266 SS RIB	12	216.0	16.8	58.5
7178 VT2PRO RIB	13	215.8	16.1	58.0
7503 VT2PRO RIB	14	214.5	16.7	59.5
9306 SS RIB	15	209.3	16.9	58.0

All though planted after much of the cool weather, this field had a large rain storm hit shortly after planting. The amount and force of the water did lead to some hybrids having reduced stands. Above normal rainfall continued and resulted in some washouts in the plot which were recorded and plot lengths adjusted accordingly. Little disease was present and at harvest all hybrids were standing well.