

**CORN BRAND DEMONSTRATION REPORT - 2016**  
**Central Lakes College Agriculture and Energy Center**

**Date Planted:** May 3, 2016  
**Date Harvested:** October 18, 2016  
**Starter Fertilizer:** 35-10-35-10  
**In-Furrow:** 3 gal/A Aventine Complete  
**Sidedress Fertilizer:** 120 units of N  
**Herbicide:** Pre-emerge, Outlook -12oz/A;  
 POST, Diaflex Duo - 32 oz/A & Atrazine 1 pt/A

**Planted Population:** 34,000  
**Previous Crop:** Soybeans  
**Tillage:** Fall - Chisel; Spring - mulch finisher  
**Irrigated:** 6.5" Irrigation Applied, 10" Linear System  
**Plot Size:** 4 - 30" Rows, 4 Rows Sampled  
**Stand Count Date:** June 16, 2016  
**Notes:** Frost - October 8, 2016

**\*\*\* LISTED AS PLANTED \*\*\***

<b>Company Name</b>	<b>Brand</b>	<b>Maturity</b>	<b>Stand Count</b>	<b>Test Weight</b>	<b>% Moist.</b>	<b>Yield</b>	<b>Adjusted Yield</b>
Wensman	W80809VT2RIB	80	37,500	58.7	17.7	188.88	185.64
Wensman	W80818VT2PRO	81	35,000	55.9	17.9	167.22	163.98
Dahlman	R41-22VT2PRIB	82	36,500	57.3	18.1	177.52	174.28
Stine Seed Company	9101-10	83	36,500	54.6	20.3	193.07	189.83
Renk	RK270	84	36,500	57.0	19.7	202.72	204.59
Wensman	W80841VT2RIB	84	36,500	57.7	19.0	184.60	186.48
Mycogen	Agrisure 2G165	84	35,000	54.8	20.7	186.29	188.16
Dahlman	R43-23VT2PRIB	85	36,500	55.3	19.3	190.99	192.87
Stine Seed Company	9202G	85	35,000	54.9	19.8	186.61	195.26
Brunner Seed Inc.	2505RR2	85	37,500	56.9	19.3	180.57	189.22
Integra Seed	3325 Conventional	85	35,000	55.7	19.0	176.86	185.50
Northern King	N19D-3110	85	33,500	56.3	20.3	183.72	192.37
Dekalb	DKC35-88RIB	85	36,500	57.0	19.1	191.93	200.41
Dahlman	R43-26VT2PRIB	85	36,000	55.2	18.8	181.33	189.81
Professional Agronomy Services	Dyna-Gro 25VC45	85	33,500	54.6	20.2	179.35	187.83
Northern King	N18Q-3011A	85	34,500	56.0	20.0	186.97	195.45
Dekalb	DKC39-27RIB	85	35,000	53.2	21.3	198.42	201.57
Renk	RK267VT2P	86	30,500	56.8	19.1	177.42	180.57
Brunner Seed Inc.	2865GTA	86	41,000	56.3	19.7	181.25	184.40
Wensman	W80866VT2RIB	86	36,000	55.9	19.0	181.79	184.94
Dekalb	DKC36-30RIB	86	38,500	53.1	19.7	198.47	201.88
Stine Seed Company	9210-10	87	35,000	55.5	19.8	193.86	197.26
LG Seeds	5375VT2RIB	87	34,000	57.1	19.0	193.72	197.12
Mycogen	2P198 Smart Stax Radv	87	33,500	57.6	19.1	180.01	183.42
Dekalb	DKC37-86RIB	87	36,000	54.4	19.4	191.01	192.16
Integra Seed	9382 VT2Pro	88	37,000	52.9	20.5	183.79	184.94
Dahlman	R44-25VT2PRIB	88	36,000	53.9	20.1	201.59	202.74
Wensman	W8088VT2RIB	88	36,000	53.9	19.2	196.44	197.59
Croplan	2845VT2P	88	36,000	55.4	21.9	206.24	198.69
Renk	RK299VT2P	89	35,000	55.7	20.3	208.15	200.60
Wensman	W80891VT2RIB	89	37,000	56.1	20.7	208.39	200.83
Integra Seed	9390 VT2Pro	90	37,500	55.0	21.0	197.41	189.86
Dahlman	R45-28VT2PRIB	90	38,000	54.1	21.2	210.88	200.72
Producers Hybrids	5043VT2RIB	90	39,000	54.6	21.1	210.90	200.74
LG Seeds	5408 Conventional	90	36,000	54.8	19.6	209.98	199.82

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Integra Seed	4122 Vt2Pro	91	32,500	55.5	21.4	195.14	184.98
Brunner Seed Inc.	3915 Conventional	91	33,000	54.7	21.8	202.52	193.92
Croplan	3134 VT2P	91	34,500	53.6	22.7	185.66	177.06
Brunner Seed Inc.	4203VT3PRO	91	37,000	54.7	20.6	200.27	191.67
Integra Seed	9412 VT2Pro	91	35,500	55.2	20.3	209.99	201.39
Croplan	3146 VT2P	91	34,500	55.0	22.2	195.61	193.24
LG Seeds	5410VT2RIB	92	34,500	53.7	21.6	196.99	194.63
Northern King	N27P-3110A	92	35,500	57.4	20.8	202.94	200.58
Integra Seed	4342 VT2Pro/Con	93	34,000	54.9	22.4	186.50	184.14
Producers Hybrids	5448STX	94	37,000	54.0	23.1	199.40	204.35
LG Seeds	5427 Conventional	95	35,000	54.3	22.0	201.75	206.70

<b>Brand Test Weight Average</b>	<b>55</b>
<b>Brand Moisture Average</b>	<b>20.2</b>
<b>Brand Yield Average</b>	<b>192.7</b>
<b>Brand Adjusted Yield Average</b>	<b>192.5</b>

**\*\*\* CHECKS LISTED AS PLANTED \*\*\***

<b>Company Name</b>	<b>Brand</b>	<b>Maturity</b>	<b>Stand Count</b>	<b>Test Weight</b>	<b>% Moist.</b>	<b>Yield</b>
Check - Wensman	8110VT2RIB	90.0	35,000	54.8	21.8	199.657
Check - Wensman	8110VT2RIB	90.0	33,500	53	21.2	195.915
Check - Wensman	8110VT2RIB	90.0	35,000	53.5	21.7	189.43
Check - Wensman	8110VT2RIB	90.0	33,000	54.3	21.7	182.374
Check - Wensman	8110VT2RIB	90.0	32,000	53.7	21.6	189.76
Check - Wensman	8110VT2RIB	90.0	37,500	54.6	22.2	193.041
Check - Wensman	8110VT2RIB	90.0	34,500	54.4	21.5	189.249
Check - Wensman	8110VT2RIB	90.0	33,500	54.2	22.2	197.546
Check - Wensman	8110VT2RIB	90.0	36,000	54.1	22.5	206.654
Check - Wensman	8110VT2RIB	90.0	31,000	51.7	20.9	202.759
Check - Wensman	8110VT2RIB	90.0	34,500	53.8	21.6	203.538
Check - Wensman	8110VT2RIB	90.0	38,000	52.1	21.3	190.283
Check - Wensman	8110VT2RIB	90.0	34,500	54.2	21.5	188.917

<b>Check Test Weight Average</b>	<b>54</b>
<b>Check Moisture Average</b>	<b>21.7</b>
<b>Check Yield Average</b>	<b>194.5</b>

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**RANKED BY YIELD OF MINNESOTA MATURITY**

\*\*\* Sorted by Actual Yield, not Adjusted Yield\*\*\*

**85 Day or Less Minnesota Maturity**

<b>Company</b>	<b>Brand</b>	<b>Maturity</b>	<b>Final Pop.</b>	<b>Test Weight</b>	<b>Moist.</b>	<b>Yield</b>	<b>Adjusted Yield</b>
Renk	RK270	84	36,500	57.0	19.70	202.72	206.66
Dekalb	DKC39-27RIB	85	35,000	53.2	21.30	198.42	202.36
Stine Seed Company	9101-10	83	36,500	54.6	20.30	193.07	197.01
Dekalb	DKC35-88RIB	85	36,500	57.0	19.10	191.93	195.87
Dahlman	R43-23VT2PRIB	85	36,500	55.3	19.30	190.99	194.93
Wensman	W80809VT2RIB	80	37,500	58.7	17.70	188.88	192.82
Northern King	N18Q-3011A	85	34,500	56.0	20.00	186.97	190.91
Stine Seed Company	9202G	85	35,000	54.9	19.80	186.61	190.55
Mycogen	Agrisure 2G165	84	35,000	54.8	20.70	186.29	190.23
Wensman	W80841VT2RIB	84	36,500	57.7	19.00	184.60	188.54
Northern King	N19D-3110	85	33,500	56.3	20.30	183.72	187.66
Dahlman	R43-26VT2PRIB	85	36,000	55.2	18.80	181.33	185.27
Brunner Seed Inc.	2505RR2	85	37,500	56.9	19.30	180.57	184.52
Professional Agronomy Services	Dyna-Gro 25VC45	85	33,500	54.6	20.20	179.35	183.29
Dahlman	R41-22VT2PRIB	82	36,500	57.3	18.10	177.52	181.46
Integra Seed	3325 Conventional	85	35,000	55.7	19.00	176.86	180.80
Wensman	W80818VT2PRO	81	35,000	55.9	17.90	167.22	171.16

<b>85 Day or Less Test Wgt Average</b>	<b>56</b>
<b>85 Day or Less Moisture Average</b>	<b>19.4</b>
<b>85 Day or Less Yield Average</b>	<b>185.7</b>
<b>85 Day or Less Adjusted Yield Average</b>	<b>189.7</b>

**86 - 89 Day Minnesota Maturity**

<b>Company</b>	<b>Brand</b>	<b>Maturity</b>	<b>Final Pop.</b>	<b>Test Weight</b>	<b>% Moist.</b>	<b>Yield</b>	<b>Adjusted Yield</b>
Wensman	W80891VT2RIB	89	37,000	56.1	20.70	208.39	208.42
Renk	RK299VT2P	89	35,000	55.7	20.30	208.15	208.19
Croplan	2845VT2P	88	36,000	55.4	21.90	206.24	206.28
Dahlman	R44-25VT2PRIB	88	36,000	53.9	20.10	201.59	201.63
Dekalb	DKC36-30RIB	86	38,500	53.1	19.70	198.47	198.51
Wensman	W8088VT2RIB	88	36,000	53.9	19.20	196.44	196.47
Stine Seed Company	9210-10	87	35,000	55.5	19.80	193.86	193.90
LG Seeds	5375VT2RIB	87	34,000	57.1	19.00	193.72	193.76
Dekalb	DKC37-86RIB	87	36,000	54.4	19.40	191.01	191.05
Integra Seed	9382 VT2Pro	88	37,000	52.9	20.50	183.79	183.83
Wensman	W80866VT2RIB	86	36,000	55.9	19.00	181.79	181.83
Brunner Seed Inc.	2865GTA	86	41,000	56.3	19.70	181.25	181.29
Mycogen	2P198 Smart Stax Radv	87	33,500	57.6	19.10	180.01	180.05
Renk	RK267VT2P	86	30,500	56.8	19.10	177.42	177.46

<b>86-89 Day Test Wgt. Avg.</b>	<b>55</b>
<b>86-89 Day Moisture Average</b>	<b>19.8</b>
<b>86-89 Day Yield Average</b>	<b>193.0</b>
<b>86-89 Day Adjusted Yield Average</b>	<b>193.0</b>

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**90 - 95 Day Minnesota Maturity**

<b>Company</b>	<b>Brand</b>	<b>Maturity</b>	<b>Final Pop.</b>	<b>Test Weight</b>	<b>% Moist.</b>	<b>Yield</b>	<b>Adjusted Yield</b>
Producers Hybrids	5043VT2RIB	90	39,000	54.6	21.10	210.90	206.85
Dahlman	R45-28VT2PRIB	90	38,000	54.1	21.20	210.88	206.84
Integra Seed	9412 VT2Pro	91	35,500	55.2	20.30	209.99	205.94
LG Seeds	5408 Conventional	90	36,000	54.8	19.60	209.98	205.94
Northern King	N27P-3110A	92	35,500	57.4	20.80	202.94	198.90
Brunner Seed Inc.	3915 Conventional	91	33,000	54.7	21.80	202.52	198.47
LG Seeds	5427 Conventional	95	35,000	54.3	22.00	201.75	197.70
Brunner Seed Inc.	4203VT3PRO	91	37,000	54.7	20.60	200.27	196.22
Producers Hybrids	5448STX	94	37,000	54.0	23.10	199.40	195.35
Integra Seed	9390 VT2Pro	90	37,500	55.0	21.00	197.41	193.37
LG Seeds	5410VT2RIB	92	34,500	53.7	21.60	196.99	192.95
Croplan	3146 VT2P	91	34,500	55.0	22.20	195.61	191.56
Integra Seed	4122 Vt2Pro	91	32,500	55.5	21.40	195.14	191.10
Integra Seed	4342 VT2Pro/Con	93	34,000	54.9	22.40	186.50	182.46
Croplan	3134 VT2P	91	34,500	53.6	22.70	185.66	181.61

<b>90 - 95 Day Test Wgt Average</b>	<b>55</b>
<b>90 - 95 Day Moisture Average</b>	<b>21.5</b>
<b>90 - 95 Day Yield Average</b>	<b>200.4</b>
<b>90 - 95 Day Adjusted Yield Average</b>	<b>196.4</b>

NOTE: The adjusted yield has been calculated to compare field production variations using the adjacent check data. Each 4-plot area is adjusted by a formula which compares the check yields on either side to that area of the field, to the overall average of all the check yields in the plot. Individual yields are then adjusted to reflect the differing production levels demonstrated by the varying check yields.