

# **CORN YIELD TRIAL**

**2008**



**CENTRAL LAKES AG CENTER**

Central Lakes College  
1830 Airport Rd.  
Staples MN 56479  
218-894-5161

**CORN YIELD TRIAL - 2008**

**Central Lakes Agricultural Center**

**Date Planted:** May 5, 2008 **Date Harvested:** November 4 & 5, 2008

**Harvested with:** IH 1440 Combine (Moisture corrected to 15.5%)

**Starter Fertilizer:** 35-10-35-10 **Sidedress Fertilizer:** 100 Units of N 30 Units 28%

**Herbicide:** Outlook pre-emerge, Steadfast & Status post-emerge

**Plant Population:** 33,000 **Previous Crop:** Corn & Soybeans

**Tillage:** Fall disked and plowed, spring disked **Irrigated:** 16" - Linear System

**Plot Size:** 4 - 30" Rows, .14 acre 4 Rows Sampled

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

<b>Company</b>	<b>Variety</b>	<b>Cross</b>	<b>Maturity</b>	<b>Final Pop.</b>	<b># Broken Stalks</b>	<b>Net Weight</b>	<b>Test Weight</b>	<b>% Moist.</b>	<b>Yield</b>	<b>Adjusted Yield</b>
Gold Country Seed	84-02 VT3	x	84	33000	0	1449	54	22.6	168.4	160.8
Jung Seed Genetics	7171 VT3	x	83	34500	0	1491	54	19.0	181.4	173.7
Midstate Genetics	MG GT830 LLBT	x	83	32250	1	1348	55	20.4	161.1	153.5
Peterson Farms Seed	54M83 VT3	x	83	32250	1	1487	53	19.9	178.9	171.2
Terning Seed Inc	TS 8000 BT	x	83	33750	1	1615	52	20.6	192.6	184.8
Kruger Seed	K-2385 RR/YGCB	x	85	33750	1	1495	54	20.0	179.6	171.8
Peterson Farms Seed	27 L84 RR	x	84	33000	1	1562	53	19.4	189.1	181.3
Wensman Seed Co.	W 7085 VT3	x	84	33500	1	1467	52	21.7	172.5	164.7
Dyna-Gro	51P15	x	85	34250	0	1604	54	20.8	190.8	187.3
Jung Seed Genetics	4209 RR/YGCB	x	85	31750	0	1363	54	19.3	165.2	161.7
Producers Hybrids	4564 VT3	x	85	34500	0	1683	52	21.7	197.9	194.4
Crop Production Services	V 2683 VT3	x	86	32250	0	1636	52	23.6	187.7	184.2
Hyland Seeds	HL R230 RR	x	86	33250	1	1563	51	23.1	180.5	180.0
Integra Seed - Wilbur Ellis Co.	9361VT3	x	86	31250	0	1455	52	21.0	172.6	172.1
Jung Seed Genetics	4183 RR/YGCB	x	86	34500	1	1475	54	19.9	177.4	176.9
Monsanto	DKC 36-37 RR	x	86	33000	0	1415	53	19.6	170.8	170.3
Peterson Farms Seed	56 J 86 VT3	x	86	31500	0	1516	51	22.1	177.3	177.9
Wensman Seed Co.	W 7089 VT3	x	86	33500	0	1639	52	21.5	193.2	193.8
Dyna-Gro	CX08287	x	87	31750	0	1580	51	21.2	187.0	187.6
Gold Country Seed	87-01 CB	x	87	34000	0	1434	53	20.5	171.2	171.8
Kruger Seed	K-2087 RR/YGCB	x	87	33750	0	1414	52	20.0	169.9	170.8
Terning Seed Inc	TS 8181 CBLL	x	87	32000	0	1575	52	22.0	184.5	185.4
Mustang Seeds	2222GT CBLL	x	87	33000	0	1502	51	23.1	173.5	174.4
Dyna-Gro	52V01	x	88	30750	0	1570	52	23.9	179.4	180.3
Hyland Seeds	HL CVR 44 Bt/RR/CRW	x	88	35000	0	1565	53	20.7	186.4	189.7
Integra Seed - Wilbur Ellis Co.	9381 VT3	x	88	33000	0	1513	54	21.5	178.4	181.7
Kruger Seed	K-5388 YGCB	x	88	35500	0	1425	56	19.6	172.0	175.4
Monsanto	DKC 38-89 RR/VT3	x	88	34500	0	1724	52	23.9	197.0	200.4
Gold Country Seed	89-02 R	x	89	34000	0	1535	52	23.2	177.0	183.8
Jung Seed Genetics	3327 RR	x	89	33500	1	1540	54	22.6	179.0	185.7
Midstate Genetics	MG GT895LLBT	x	89	31500	0	1563	51	20.3	187.1	193.8
Kruger Seed	K-1490 RR	x	90	33500	1	1555	55	23.4	178.9	185.6
Peterson Farms Seed	62L90 LLBT	x	90	33500	0	1585	52	22.7	184.0	187.6
Producers Hybrids	5004 VT3	x	90	30250	0	1618	50	23.6	185.6	189.2
Terning Seed Inc	TS Ex 90	x	90	30000	0	1575	51	26.6	173.6	177.2
Wensman Seed Co.	W 7107 VT3	x	90	30250	0	1650	49	26.1	183.1	186.7
Jung Seed Genetics	7344 VT3	x	91	31000	0	1556	50	25.5	174.1	170.8
Monsanto	DKC 41-60 RR/VT3	x	91	31250	0	1595	51	23.5	183.2	180.0
Peterson Farms Seed	28D91 RR	x	91	33750	1	1656	50	23.7	189.7	186.5
Hyland Seeds	HL 2368	x	92	32750	1	1560	51	22.6	181.3	178.1
Dyna-Gro	53V80	x	92	33250	0	1540	53	20.6	183.6	180.8
Gold Country Seed	92-03 VT3	x	92	31750	0	1659	49	24.6	187.8	185.1
Crop Production Services	V3283 VT3	x	92	33500	0	1565	51	22.0	183.3	180.5
Hyland Seeds	HL CVR 54 Bt/RR/CRW	x	92	34500	0	1668	49	22.2	194.9	192.1
Integra Seed - Wilbur Ellis Co.	63F90VT3	x	92	29500	1	1532	50	22.6	178.1	182.2
Peterson Farms Seed	56 I 92 VT3	x	92	33500	0	1575	51	21.3	186.1	190.3
Mustang Seeds	3302 VT3 RR	x	92	32500	0	1483	49	25.3	166.4	170.5
Hyland Seeds	HL B38R	x	92	33250	0	1555	51	22.1	181.9	186.1
Kruger Seed	K-6093 VT3	x	93	34250	0	1620	51	24.1	184.6	189.4
Mustang Seeds	4320 VT3 RR	x	95	34000	0	1460	48	22.2	170.6	175.3

Company	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	Yield	Adjusted Yield
Producers Hybrids	5314 VT3	x	93	30750	0	1625	52	22.7	188.6	193.4
Wensman Seed Co.	W 7143 VT3	x	93	30250	1	1624	51	23.0	187.8	192.5
Mustang Seeds	4313 VT3 RR	x	95	33000	0	1585	49	23.8	181.4	183.8
Jung Seed Genetics	7362 VT3	x	94	31250	0	1680	52	22.8	194.8	197.1
Monsanto	DKC 43-27 RR/VT3	x	93	30250	0	1598	50	25.3	179.3	181.6
Kruger Seed	K-6094 VT3	x	94	33250	1	1680	53	25.4	188.2	190.6
Monsanto	DKC 45-79 RR/VT3	x	95	33500	0	1605	53	22.9	185.8	185.3
Jung Seed Genetics	3385 RR	x	94	28750	1	1579	49	22.9	182.8	182.3
Kruger Seed	K-1295 RR	x	95	32750	2	1690	53	22.4	196.9	196.4
Mustang Seeds	4355 VT3 RR	x	95	32250	0	1631	49	25.0	183.7	183.1
Integra Seed - Wilbur Ellis Co.	9472 R	x	97	30250	1	1646	50	23.8	188.4	189.0
Kruger Seed	K-1093	x	93	34000	1	1670	54	21.2	197.6	198.2

Variety Test Weight Average	52
Variety Moisture Average	22.3
Variety Yield Average	182.0
Variety Adjusted Yield Average	182.1

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

Company Name	Variety	Cross	Maturity	Net Weight	Test Weight	% Moist.	Yield
Check - Wensman	4190	x	90	1751	51	23.3	201.7
Check				1750	53	22.4	203.9
Check				1751	52	23.2	201.9
Check				1682	52	22.7	195.2
Check				1676	51	22.1	196.1
Check				1650	52	22.1	193.0
Check				1686	50	22.8	195.5
Check				1610	52	22.2	188.1
Check				1636	51	23.2	188.7
Check				1660	51	22.0	194.4
Check				1734	49	22.3	202.3
Check				1665	52	22.6	193.5
Check				1638	51	23.4	188.4
Check				1630	51	21.4	192.4
Check				1681	50	23.5	193.1
Check				1665	53	20.7	198.3
Check				1656	51	23.3	190.7

Check Test Weight Average	51
Check Moisture Average	22.5
Check Yield Average	195.1

**RANKED BY YIELD OF MINNESOTA MATURITY**

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

**85 Day or Less Minnesota Maturity**

Company	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	Yield	Adjusted Yield
Producers Hybrids	4564 VT3	x	85	34500	0	1683	52	21.7	<b>197.9</b>	194.4
Terning Seed Inc	TS 8000 BT	x	83	33750	1	1615	52	20.6	<b>192.6</b>	184.8
Dyna-Gro	51P15	x	85	34250	0	1604	54	20.8	<b>190.8</b>	187.3
Peterson Farms Seed	27 L84 RR	x	84	33000	1	1562	53	19.4	<b>189.1</b>	181.3
Jung Seed Genetics	7171 VT3	x	83	34500	0	1491	54	19.0	<b>181.4</b>	173.7
Kruger Seed	K-2385 RR/YGCB	x	85	33750	1	1495	54	20.0	<b>179.6</b>	171.8
Peterson Farms Seed	54M83 VT3	x	83	32250	1	1487	53	19.9	<b>178.9</b>	171.2
Wensman Seed Co.	W 7085 VT3	x	84	33500	1	1467	52	21.7	<b>172.5</b>	164.7
Gold Country Seed	84-02 VT3	x	84	33000	0	1449	54	22.6	<b>168.4</b>	160.8
Jung Seed Genetics	4209 RR/YGCB	x	85	31750	0	1363	54	19.3	<b>165.2</b>	161.7
Midstate Genetics	MG GT830 LLBT	x	83	32250	1	1348	55	20.4	<b>161.1</b>	153.5

<b>85 Day or Less Test Wgt Average</b>	<b>53</b>
<b>85 Day or Less Moisture Average</b>	<b>20.5</b>
<b>85 Day or Less Yield Average</b>	<b>179.8</b>
<b>85 Day or Less Adjusted Yield Average</b>	<b>173.2</b>

**86 - 90 Day Minnesota Maturity**

Company	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	Yield	Adjusted Yield
Monsanto	DKC 38-89 RR/VT3	x	88	34500	0	1724	52	23.9	<b>197.0</b>	200.4
Wensman Seed Co.	W 7089 VT3	x	86	33500	0	1639	52	21.5	<b>193.2</b>	193.8
Crop Production Services	V 2683 VT3	x	86	32250	0	1636	52	23.6	<b>187.7</b>	184.2
Midstate Genetics	MG GT895LLBT	x	89	31500	0	1563	51	20.3	<b>187.1</b>	193.8
Dyna-Gro	CX08287	x	87	31750	0	1580	51	21.2	<b>187.0</b>	187.6
Hyland Seeds	HL CVR 44 B/RR/CRW	x	88	35000	0	1565	53	20.7	<b>186.4</b>	189.7
Producers Hybrids	5004 VT3	x	90	30250	0	1618	50	23.6	<b>185.6</b>	189.2
Terning Seed Inc	TS 8181 CBLL	x	87	32000	0	1575	52	22.0	<b>184.5</b>	185.4
Peterson Farms Seed	62L90 LLBT	x	90	33500	0	1585	52	22.7	<b>184.0</b>	187.6
Wensman Seed Co.	W 7107 VT3	x	90	30250	0	1650	49	26.1	<b>183.1</b>	186.7
Hyland Seeds	HL R230 RR	x	86	33250	1	1563	51	23.1	<b>180.5</b>	180.0
Dyna-Gro	52V01	x	88	30750	0	1570	52	23.9	<b>179.4</b>	180.3
Jung Seed Genetics	3327 RR	x	89	33500	1	1540	54	22.6	<b>179.0</b>	185.7
Kruger Seed	K-1490 RR	x	90	33500	1	1555	55	23.4	<b>178.9</b>	185.6
Integra Seed - Wilbur Ellis Co.	9381 VT3	x	88	33000	0	1513	54	21.5	<b>178.4</b>	181.7
Jung Seed Genetics	4183 RR/YGCB	x	86	34500	1	1475	54	19.9	<b>177.4</b>	176.9
Peterson Farms Seed	56 J 86 VT3	x	86	31500	0	1516	51	22.1	<b>177.3</b>	177.9
Gold Country Seed	89-02 R	x	89	34000	0	1535	52	23.2	<b>177.0</b>	183.8
Terning Seed Inc	TS Ex 90	x	90	30000	0	1575	51	26.6	<b>173.6</b>	177.2
Mustang Seeds	2222GT CBLL	x	87	33000	0	1502	51	23.1	<b>173.5</b>	174.4
Integra Seed - Wilbur Ellis Co.	9361VT3	x	86	31250	0	1455	52	21.0	<b>172.6</b>	172.1
Kruger Seed	K-5388 YGCB	x	88	35500	0	1425	56	19.6	<b>172.0</b>	175.4
Gold Country Seed	87-01 CB	x	87	34000	0	1434	53	20.5	<b>171.2</b>	171.8
Monsanto	DKC 36-37 RR	x	86	33000	0	1415	53	19.6	<b>170.8</b>	170.3
Kruger Seed	K-2087 RR/YGCB	x	87	33750	0	1414	52	20.0	<b>169.9</b>	170.8

<b>86-90 Day or Less Test Wgt Average</b>	<b>52</b>
<b>86-90 Day or Less Moisture Average</b>	<b>22.2</b>
<b>86-90 Day or Less Yield Average</b>	<b>180.3</b>
<b>86-90 Day or Less Adjusted Yield Average</b>	<b>182.5</b>

**Over 90 Day Minnesota Maturity**

<b>Company</b>	<b>Variety</b>	<b>Cross</b>	<b>Maturity</b>	<b>Final Pop.</b>	<b># Broken Stalks</b>	<b>Net Weight</b>	<b>Test Weight</b>	<b>% Moist.</b>	<b>Yield</b>	<b>Adjusted Yield</b>
Kruger Seed	K-1093	x	93	34000	1	1670	54	21.2	<b>197.6</b>	198.2
Kruger Seed	K-1295 RR	x	95	32750	2	1690	53	22.4	<b>196.9</b>	196.4
Hyland Seeds	HL CVR 54 Bt/RR/CRW	x	92	34500	0	1668	49	22.2	<b>194.9</b>	192.1
Jung Seed Genetics	7362 VT3	x	94	31250	0	1680	52	22.8	<b>194.8</b>	197.1
Peterson Farms Seed	28D91 RR	x	91	33750	1	1656	50	23.7	<b>189.7</b>	186.5
Producers Hybrids	5314 VT3	x	93	30750	0	1625	52	22.7	<b>188.6</b>	193.4
Integra Seed - Wilbur Ellis Co.	9472 R	x	97	30250	1	1646	50	23.8	<b>188.4</b>	189.0
Kruger Seed	K-6094 VT3	x	94	33250	1	1680	53	25.4	<b>188.2</b>	190.6
Gold Country Seed	92-03 VT3	x	92	31750	0	1659	49	24.6	<b>187.8</b>	185.1
Wensman Seed Co.	W 7143 VT3	x	93	30250	1	1624	51	23.0	<b>187.8</b>	192.5
Peterson Farms Seed	56 I 92 VT3	x	92	33500	0	1575	51	21.3	<b>186.1</b>	190.3
Monsanto	DKC 45-79 RR/VT3	x	95	33500	0	1605	53	22.9	<b>185.8</b>	185.3
Kruger Seed	K-6093 VT3	x	93	34250	0	1620	51	24.1	<b>184.6</b>	189.4
Mustang Seeds	4355 VT3 RR	x	95	32250	0	1631	49	25.0	<b>183.7</b>	183.1
Dyna-Gro	53V80	x	92	33250	0	1540	53	20.6	<b>183.6</b>	180.8
Crop Production Services	V3283 VT3	x	92	33500	0	1565	51	22.0	<b>183.3</b>	180.5
Monsanto	DKC 41-60 RR/VT3	x	91	31250	0	1595	51	23.5	<b>183.2</b>	180.0
Jung Seed Genetics	3385 RR	x	94	28750	1	1579	49	22.9	<b>182.8</b>	182.3
Hyland Seeds	HL B38R	x	92	33250	0	1555	51	22.1	<b>181.9</b>	186.1
Mustang Seeds	4313 VT3 RR	x	95	33000	0	1585	49	23.8	<b>181.4</b>	183.8
Hyland Seeds	HL 2368	x	92	32750	1	1560	51	22.6	<b>181.3</b>	178.1
Monsanto	DKC 43-27 RR/VT3	x	93	30250	0	1598	50	25.3	<b>179.3</b>	181.6
Integra Seed - Wilbur Ellis Co.	63F90VT3	x	92	29500	1	1532	50	22.6	<b>178.1</b>	182.2
Jung Seed Genetics	7344 VT3	x	91	31000	0	1556	50	25.5	<b>174.1</b>	170.8
Mustang Seeds	4320 VT3 RR	x	95	34000	0	1460	48	22.2	<b>170.6</b>	175.3
Mustang Seeds	3302 VT3 RR	x	92	32500	0	1483	49	25.3	<b>166.4</b>	170.5

<b>Over 90 Day Test Wgt Average</b>	<b>51</b>
<b>Over 90 Day Moisture Average</b>	<b>23.2</b>
<b>Over 90 Day Yield Average</b>	<b>184.7</b>
<b>Over 90 Day Adjusted Yield Average</b>	<b>185.4</b>