

CORN YIELD TRIAL

2006



CENTRAL LAKES AG CENTER

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

CORN YIELD TRIAL - 2006

Central Lakes Agricultural Center

Date Planted: May 5 Dates Harvested: October 25 & 26

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

Starter Fertilizer: 35-10-35-10 Sidedress Fertilizer: 100 Units of N Manure Application: 2 Ton/Acre

Herbicide: Outlook pre-emerge, Northstar post-emerge

Planted Population: 32,000 Previous Crop: Corn and Soybeans

Tillage: Moldboard plow and spring disked Irrigated: 12" - Linear System

2006 Heat Units from May 2 to October 8 - 2327 (277 depart from norm) Average Heat Units for Ag Center - 2116 Units

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

*** LISTED AS PLANTED ***

Company Name	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	Yield	Adjusted Yield
Hyland Seeds	HL B25R BT/RR		82	28500	0	1654	57	20.1	192.2	189.3
Integraseed Ltd.	INT 6584 RR YG	x	85	31000	0	1705	57	19.4	199.8	196.9
Kaltenberg Seeds	K2405 RRBT	x	81	29750	0	1551	58	20.3	179.8	176.9
Pioneer Hi-Bred International	39A94	x	82	30500	0	1671	58	20.1	194.2	191.3
Integraseed Ltd.	INT 6780 RR	x	81	25000	2	1572	56	19.1	184.9	181.9
Jung Seed Genetics	7202 RR/YGPL	x	83	28750	1	1757	57	19.4	205.9	202.9
Gold Country Seed, Inc.	GCS 83-01 CBR	x	83	30500	1	1531	58	17.9	182.8	179.7
Legend Seeds	LR 9483 RB	x	83	30500	1	1678	58	20.2	194.7	191.7
Midstate Genetics	MG LL830	x	83	27000	2	1583	58	19.6	185.1	191.2
Crop Production Service	CPS 4832 RR/BT	x	83	30000	0	1769	58	19.4	207.3	213.5
Gold Country Seed, Inc.	GCS 83-02 R	x	83	27750	4	1565	57	20.5	180.9	187.0
Wensman Seed Co.	W 6084BtRR	x	84	28000	1	1687	58	19.0	198.7	204.8
Terning Seeds	TS 8102 RR YGPL	x	84	27500	3	1633	58	19.0	192.4	202.7
Legend Seeds	LR 9584 RB	x	84	28250	4	1696	57	18.2	201.8	212.1
Dahlman Seed Co.	D42-15 CB	x	85	28250	4	1670	58	20.0	194.3	204.6
Wensman Seed Co.	W 6086BtRR	x	85	29500	3	1646	59	19.8	192.0	202.3
Dahlman Seed Co.	R42-15CB	x	85	29000	2	1697	58	19.2	199.4	205.8
Wensman Seed Co.	W 7087BtRWRR	x	85	25250	2	1722	57	20.0	200.3	206.8
Legend Seeds	LR 9385 RB	x	85	20000	3	1632	58	19.9	190.1	196.5
Monsanto	DeKalb 3501 RR	x	85	30500	3	1746	58	19.1	205.4	211.8
Integraseed Ltd.	INT 6378 RR	x	78	28500	5	1458	58	17.8	174.3	179.5
Dyna-Gro	51K95	x	85	29500	4	1663	58	18.7	196.6	201.9
Dahlman Seed Co.	R42-15	x	85	28750	5	1446	60	19.2	169.9	175.1
Hyland Seeds	HL R228 BT		85	29000	6	1737	59	19.8	202.6	207.8
Monsanto	DeKalb 3714 RR	x	87	29000	5	1738	57	19.0	204.7	213.3
Dyna-Gro	CX06188	x	88	28000	3	1745	56	18.3	207.3	215.9
Jung Seed Genetics	4220 RR/YGCB	x	88	32000	4	1601	57	20.2	185.8	194.3
Midstate Genetics	MG LL 880	x	88	27500	2	1590	58	18.9	187.5	196.1
Monsanto	DeKalb 3833 RR/YCGB	x	88	27750	4	1455	57	17.9	173.7	177.1
Hyland Seeds	HL B33R BT/RR		88	28750	2	1703	58	18.6	201.6	205.0
Kaltenberg Seeds	K3062 RR	x	88	23250	3	1315	56	17.6	157.6	160.9
Wensman Seed Co.	W 6092Bt	x	89	29000	3	1719	57	19.3	201.7	205.1
Gold Country Seed, Inc.	GCS 89-02R	x	89	30500	4	1804	55	19.9	210.1	190.7
Midstate Genetics	MG GT890	x	89	22500	3	1625	56	16.8	196.6	177.2
Wensman Seed Co.	W 4190	x	90	28000	3	1575	57	18.2	187.4	168.0
Mustang Seeds	2907 RRYGCB	x	90	28000	1	1556	55	21.1	178.5	159.1
Monsanto	DeKalb 4007 RR	x	90	22750	1	1050	56	18.9	123.8	98.3
Dahlman Seed Co.	R45-15	x	90	24750	2	1641	57	19.1	193.1	167.5
Legend Seeds	LR 9391 RRYGT	x	91	25250	3	1640	55	17.4	197.0	171.4
Dyna-Gro	53B04	x	92	22000	3	1513	56	19.8	176.5	150.9
Dahlman Seed Co.	R45S15	x	92	28000	3	1782	56	20.4	206.3	192.1
Jung Seed Genetics	7418A RR/YGPL	x	92	26250	2	1555	56	18.7	183.8	169.7
Wensman Seed Co.	W 7118BtRWRR	x	92	28500	2	1793	55	20.5	207.3	193.1
Terning Seeds	TS 8230 RR YGPL	x	92	30000	2	1775	54	19.5	207.8	193.6
Hyland Seeds	HL B282 BT		92	29500	2	1850	55	19.7	216.0	199.7
Wensman Seed Co.	W 6117BtRR	x	92	24250	2	1484	56	19.8	173.1	156.7
Gold Country Seed, Inc.	GCS 92-01 CBRCRW	x	92	27250	3	1870	54	17.1	225.4	209.1

Company Name	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	Yield	Adjusted Yield
Pioneer Hi-Bred International	38K46	x	92	29000	1	1815	56	19.5	212.5	196.1
Integraseed Ltd.	INT 63F90 RRYG	x	92	29750	3	1658	55	20.0	192.9	174.7
Dahlman Seed Co.	D45-15	x	92	16000	2	1430	55	18.0	170.5	152.3 *
Mycogen	20324 RRYG	x	92	28000	3	1894	55	20.2	219.8	201.6
Jung Seed Genetics	4315 LL/YGCB11	x	92	14000	3	1460	55	19.5	170.9	152.7 *
Hyland Seeds	Juxxin		92	24000	3	1810	54	18.5	214.5	196.6
Kaltenberg Seeds	K3913 RR Plus	x	92	28750	2	1512	55	19.8	176.3	158.4
Mycogen	20326 RRYGCRW	x	92	22250	2	1735	55	19.8	202.4	184.4
Jung Seed Genetics	7437 RR/YGPL	x	94	23250	3	1722	55	20.4	199.3	181.4
Midstate Genetics	MG LL 935 BT	x	93	28750	2	1717	55	20.6	198.3	186.4
Crop Production Service	CPS 4931 RR/BT	x	93	30250	3	1670	55	18.4	198.2	186.3
Dyna-Gro	53F09	x	94	23000	2	1762	56	23.5	196.0	184.1
Jung Seed Genetics	3432 YGCB	x	95	28500	2	1825	56	18.9	215.2	203.4
Legend Seeds	LR 9594 RB	x	94	23000	2	1765	54	19.7	206.1	197.0
Kaltenberg Seeds	K4012 RRBT	x	94	26250	2	1646	56	19.4	192.9	183.9
Jung Seed Genetics	4440 RR/YGCB	x	95	25250	2	1915	54	19.1	225.3	216.2
Kaltenberg Seeds	K4666 RR	x	95	24000	2	1717	55	22.7	193.0	184.0

* Poor Germination

Variety Test Weight Average	56
Variety Moisture Average	19.4
Variety Yield Average	193.9
Variety Adjusted Yield Average	187.8

*** CHECKS LISTED AS PLANTED ***

Company Name	Variety	Cross	Maturity	Net Weight	Test Weight	% Moist.	Yield
Check - Wensman Seed Co.	5085	x	84	1653	57	20.2	191.8
Check				1704	58	18.5	202.0
Check				1631	57	19.0	192.1
Check				1561	58	19.1	183.7
Check				1593	58	20.7	183.7
Check				1625	59	19.0	191.4
Check				1570	58	18.5	186.1
Check				1573	57	19.2	184.8
Check				1645	56	17.9	196.4
Check				1951	56	18.8	230.4
Check				1785	57	19.6	208.7
Check				1789	55	20.2	207.6
Check				1825	56	19.7	213.1
Check				1827	57	20.5	211.2
Check				1830	55	20.1	212.6
Check				1733	55	21.0	199.1
Check				1795	54	20.7	207.0

Check Test Wt. Average	57
Check Moisture Average	19.6
Check Yield Average	200.1

RANKED BY YIELD OF MINNESOTA MATURITY

*** (Sorted by Actual Yield, not Adjusted Yield)***

85 Day or Less Minnesota Maturity

Company Name	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	*** Yield	Adjusted Yield
Crop Production Service	CPS 4832 RR/BT	x	83	30000	0	1769	58	19.4	207.3	213.5
Jung Seed Genetics	7202 RR/YGPL	x	83	28750	1	1757	57	19.4	205.9	202.9
Monsanto	DeKalb 3501 RR	x	85	30500	3	1746	58	19.1	205.4	211.8
Hyland Seeds	HL R228 BT		85	29000	6	1737	59	19.8	202.6	207.8
Legend Seeds	LR 9584 RB	x	84	28250	4	1696	57	18.2	201.8	212.1
Wensman Seed Co.	W 7087BtRWRR	x	85	25250	2	1722	57	20.0	200.3	206.8
Integraseed Ltd.	INT 6584 RR YG	x	85	31000	0	1705	57	19.4	199.8	196.9
Dahlman Seed Co.	R42-15CB	x	85	29000	2	1697	58	19.2	199.4	205.8
Wensman Seed Co.	W 6084BtRR	x	84	28000	1	1687	58	19.0	198.7	204.8
Dyna-Gro	51K95	x	85	29500	4	1663	58	18.7	196.6	201.9
Legend Seeds	LR 9483 RB	x	83	30500	1	1678	58	20.2	194.7	191.7
Dahlman Seed Co.	D42-15 CB	x	85	28250	4	1670	58	20.0	194.3	204.6
Pioneer Hi-Bred International	39A94	x	82	30500	0	1671	58	20.1	194.2	191.3
Terning Seeds	TS 8102 RR YGPL	x	84	27500	3	1633	58	19.0	192.4	202.7
Hyland Seeds	HL B25R BT/RR		82	28500	0	1654	57	20.1	192.2	189.3
Wensman Seed Co.	W 6086BtRR	x	85	29500	3	1646	59	19.8	192.0	202.3
Legend Seeds	LR 9385 RB	x	85	20000	3	1632	58	19.9	190.1	196.5
Midstate Genetics	MG LL830	x	83	27000	2	1583	58	19.6	185.1	191.2
Integraseed Ltd.	INT 6780 RR	x	81	25000	2	1572	56	19.1	184.9	181.9
Gold Country Seed, Inc.	GCS 83-01 CBR	x	83	30500	1	1531	58	17.9	182.8	179.7
Gold Country Seed, Inc.	GCS 83-02 R	x	83	27750	4	1565	57	20.5	180.9	187.0
Kaltenberg Seeds	K2405 RRBT	x	81	29750	0	1551	58	20.3	179.8	176.9
Integraseed Ltd.	INT 6378 RR	x	78	28500	5	1458	58	17.8	174.3	179.5
Dahlman Seed Co.	R42-15	x	85	28750	5	1446	60	19.2	169.9	175.1

85 Day or Less Test Wgt. Average	58
85 Day or Less Moisture Average	19.4
85 Day or Less Yield Average	192.7
85 Day or Less Adjusted Yield Average	196.4

86 - 90 Day Minnesota Maturity

Company Name	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	*** Yield	Adjusted Yield
Gold Country Seed, Inc.	GCS 89-02R	x	89	30500	4	1804	55	19.9	210.1	190.7
Dyna-Gro	CX06188	x	88	28000	3	1745	56	18.3	207.3	215.9
Monsanto	DeKalb 3714 RR	x	87	29000	5	1738	57	19.0	204.7	213.3
Wensman Seed Co.	W 6092Bt	x	89	29000	3	1719	57	19.3	201.7	205.1
Hyland Seeds	HL B33R BT/RR		88	28750	2	1703	58	18.6	201.6	205.0
Midstate Genetics	MG GT890	x	89	22500	3	1625	56	16.8	196.6	177.2
Dahlman Seed Co.	R45-15	x	90	24750	2	1641	57	19.1	193.1	167.5 *
Midstate Genetics	MG LL 880	x	88	27500	2	1590	58	18.9	187.5	196.1
Wensman Seed Co.	W 4190	x	90	28000	3	1575	57	18.2	187.4	168.0
Jung Seed Genetics	4220 RR/YGCB	x	88	32000	4	1601	57	20.2	185.8	194.3
Mustang Seeds	2907 RRYGCB	x	90	28000	1	1556	55	21.1	178.5	159.1
Monsanto	DeKalb 3833 RR/YCGB	x	88	27750	4	1455	57	17.9	173.7	177.1 *
Kaltenberg Seeds	K3062 RR	x	88	23250	3	1315	56	17.6	157.6	160.9 *
Monsanto	DeKalb 4007 RR	x	90	22750	1	1050	56	18.9	123.8	98.3 *

86 - 90 Day Test Wgt. Average	57
86 - 90 Day Moisture Average	18.8
86 - 90 Day Yield Average	186.4
86 - 90 Day Adjusted Yield Average	180.6

Over 90 Day Minnesota Maturity

Company Name	Variety	Cross	Maturity	Final Pop.	# Broken Stalks	Net Weight	Test Weight	% Moist.	*** Yield	Adjusted Yield
Gold Country Seed, Inc.	GCS 92-01 CBRCRW	x	92	27250	3	1870	54	17.1	225.4	209.1
Jung Seed Genetics	4440 RR/YGCB	x	95	25250	2	1915	54	19.1	225.3	216.2
Mycogen	20324 RRYG	x	92	28000	3	1894	55	20.2	219.8	201.6
Hyland Seeds	HL B282 BT		92	29500	2	1850	55	19.7	216.0	199.7
Jung Seed Genetics	3432 YGCB	x	95	28500	2	1825	56	18.9	215.2	203.4
Hyland Seeds	Juxxin		92	24000	3	1810	54	18.5	214.5	196.6
Pioneer Hi-Bred International	38K46	x	92	29000	1	1815	56	19.5	212.5	196.1
Terning Seeds	TS 8230 RR YGPL	x	92	30000	2	1775	54	19.5	207.8	193.6
Wensman Seed Co.	W 7118BtRWR	x	92	28500	2	1793	55	20.5	207.3	193.1
Dahlman Seed Co.	R45S15	x	92	28000	3	1782	56	20.4	206.3	192.1
Legend Seeds	LR 9594 RB	x	94	23000	2	1765	54	19.7	206.1	197.0
Mycogen	20326 RRYGCRW	x	92	22250	2	1735	55	19.8	202.4	184.4
Jung Seed Genetics	7437 RR/YGPL	x	94	23250	3	1722	55	20.4	199.3	181.4
Midstate Genetics	MG LL 935 BT	x	93	28750	2	1717	55	20.6	198.3	186.4
Crop Production Service	CPS 4931 RR/BT	x	93	30250	3	1670	55	18.4	198.2	186.3
Legend Seeds	LR 9391 RRYGT	x	91	25250	3	1640	55	17.4	197.0	171.4 *
Dyna-Gro	53F09	x	94	23000	2	1762	56	23.5	196.0	184.1
Kaltenberg Seeds	K4666 RR	x	95	24000	2	1717	55	22.7	193.0	184.0
Integraseed Ltd.	INT 63F90 RRYG	x	92	29750	3	1658	55	20.0	192.9	174.7
Kaltenberg Seeds	K4012 RRBT	x	94	26250	2	1646	56	19.4	192.9	183.9
Jung Seed Genetics	7418A RR/YGPL	x	92	26250	2	1555	56	18.7	183.8	169.7
Dyna-Gro	53B04	x	92	22000	3	1513	56	19.8	176.5	150.9 *
Kaltenberg Seeds	K3913 RR Plus	x	92	28750	2	1512	55	19.8	176.3	158.4
Wensman Seed Co.	W 6117BtRR	x	92	24250	2	1484	56	19.8	173.1	156.7
Jung Seed Genetics	4315 LL/YGCB11	x	92	14000	3	1460	55	19.5	170.9	152.7 *
Dahlman Seed Co.	D45-15	x	92	16000	2	1430	55	18.0	170.5	152.3 *

Over 90 Day Test Wgt. Average	55
Over 90 Day Moisture Average	19.7
Over 90 Day Yield Average	199.1
Over 90 Day Adjusted Yield Average	183.7

* Poor Germination