

## Table of Contents

Alberta Corn Committee .....	- 2 -
Invitation for Testing Corn Hybrids in 2007 .....	- 3 -
Explanation of Variables .....	- 4 -
List of Co-operators .....	- 5 -
Industry Participants .....	- 6 -
Soil Profiles, Seeding, and Harvest Dates .....	- 7 -
Crop Management Summary .....	- 8 -
2007 Alberta Corn Committee Silage Hybrid Performance List .....	- 9 -
2006 ACC Silage Hybrid Performance Averaged Over Locations .....	- 10 -
2006 Alberta Corn Committee – Lacombe Multi-Year Silage Data .....	- 11 -
2006 Alberta Corn Committee – Outlook, SK Multi-Year Silage Data.....	- 12 -
2006 Silage Trials	
2006 Lethbridge Silage Trial .....	- 13 -
2006 Vauxhall Silage Trial .....	- 14 -
2006 Brooks Silage Trial.....	- 15 -
2006 Bow Island Silage Trial.....	- 16 -
2006 Lacombe Silage Trial .....	- 17 -
2006 Outlook, SK Silage Trial.....	- 18 -
2007 Alberta Corn Committee Grain Hybrid Performance List .....	- 19 -
2006 ACC Grain Hybrid Performance Averaged Over Locations .....	- 20 -
2006 Alberta Corn Committee – Outlook, SK Multi-Year Grain Data.....	- 21 -
2006 Grain Trials	
2006 Lethbridge Grain Trial .....	- 22 -
2006 Vauxhall Grain Trial.....	- 23 -
2006 Brooks Grain Trial .....	- 24 -
2006 Bow Island Grain Trial.....	- 25 -
2006 Outlook, SK Grain Trial .....	- 26 -

## **Alberta Corn Committee**

### 2006 Corn Hybrid Trials

Trials were seeded at Lethbridge (2326\* CHU), Vauxhall (2359\* CHU), Brooks (2353\* CHU), Bow Island (2543\*\* CHU), Outlook, SK (2363\* CHU), and Lacombe (1850\* CHU). A randomized complete block design with four replicates was generated for each site. Plots consisted of two - six meter rows for the silage trials and four - six meter rows for the grain trials. Target plant population densities were 60,000 plants/ha (24,000 plants/acre) for the irrigated grain tests, and 75,000 plants/ha (30,000 plants/acre) for the silage tests.

Growing conditions were generally cool to start in the early spring but the dry weather and intense heat in mid-summer compensated resulting in very good to excellent grain and silage yield. Outlook suffered a devastating hail storm late in the summer but data for the site was surprisingly consistent across replicates so the data was included in the report.

Industry participation continues to be very good. The success of this program is only as strong as the commitment from our industry participants and from our cooperating agencies to conduct the trials.

Corn Heat Units, accumulated from 15 May, 2006 to the first kill frost (-2 degrees Celsius), were as follows: Lethbridge 2477 CHU, Vauxhall 2426 CHU, Brooks 2523 CHU, Bow Island 2666 CHU, Outlook, SK 2615 CHU and Lacombe 2060 CHU.

\* 30 year average (1974 - 2004)

\*\* 26 year average (1980 - 2004)

## Invitation for Testing Corn Hybrids in 2007

This is the official notification inviting your company to participate in the Alberta corn hybrid performance trials. Notification of intent to participate, **together with payment and seed of proposed entries**, must be received no later than April 6<sup>th</sup>. Late arrivals risk exclusion from testing and forfeit of payment.

Trials will be conducted at five sites in southern Alberta, and one site at Outlook, SK:

Brooks (2353 CHU)\*  
Vauxhall (2359 CHU)\*  
Bow Island (2543 CHU)\*\*  
Lethbridge (2326 CHU)\*  
Lacombe (1850 CHU)\*  
Outlook, SK (2363 CHU)\*

\* 30 yr average (1974-2004)

\*\* 26 yr average (1980-2004)

Fees (including GST #R106693062) for 2007 will be \$140.00 per hybrid per location

Irrigated Grain Performance Trial..... \$140.00/location

Irrigated Silage Performance Trial..... \$140.00/location

Visit [www.albertacorn.com](http://www.albertacorn.com) for more information. We would be happy to add a link to your company website for an annual fee of \$100.00. The link fee will help to offset our annual server costs.

**ALL SEED SHOULD BE TREATED WITH PONCHO® FOR WIREWORM PROTECTION - ANECDOTAL OBSERVATIONS REPORT YIELD PENALTIES WITHOUT THIS SEED TREATMENT. IT IS CRITICAL WE MINIMIZE ALL VARIATION OTHER THAN GENETICS SO PLEASE COMPLY WITH PROPER SEED TREATMENT.**

Seed requirements are as follows -

900 Kernels/Location..... Irrigated Grain Performance Trial (4-row plot)

500 Kernels/Location..... Irrigated Silage Performance Trial (2-row plot)

The following data/observations will be recorded:

	Grain	Silage
10 % Anthesis	X	X
50 % Silking	X	X
Grain Yield	X	
Grain Moisture Content	X	
Test Weight	X	
Whole Plant Yield		X
Whole Plant Moisture Content		X

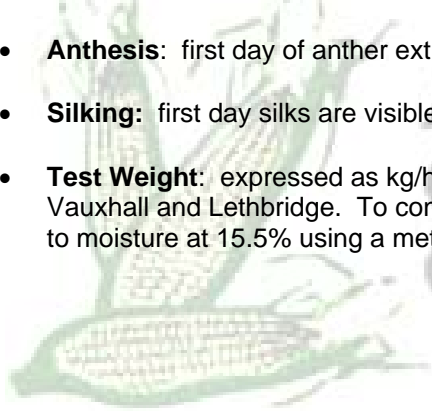
The Committee will take all reasonable care to ensure the success of each trial, but cannot guarantee that every trial will be successful. If a trial is determined to be invalid by the Committee, the data from the trial will be discarded.

Please send all correspondence, **payment c/o Alberta Corn Committee**, and seed to:

Brian L Beres, Corn Hybrid Trial Coordinator  
Agriculture & Agri-Food Canada  
5403 1<sup>st</sup> Ave South, Lethbridge, AB T1J 4B1  
Phone: (403) 317-2251  
Fax: (403) 382-3156  
Email:beresb@agr.gc.ca

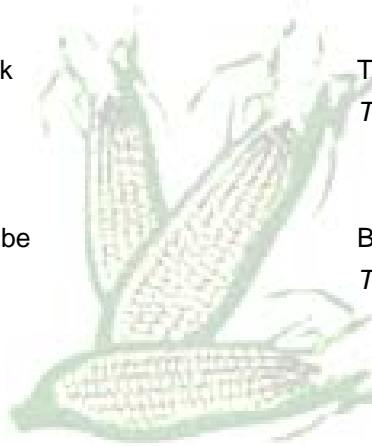
## Explanation of Variables

- **Harvest:** grain yields were determined by harvesting all ears or cobs of the centre two rows in each four row plot. Silage yields were determined by harvesting all plants in the two row plot.
- **Yield:** grain yield data, adjusted to 15.5 % moisture, is expressed as either g/plot or bu/ac. Silage yield is expressed as tonnes/ha or tonnes/ac on a dry matter basis. Expression of yield will vary depending on which table you are referencing. To convert tonnes/ac to tonnes/ha, multiply value by 2.471. Also, grams/plot in the grain data can be transformed to bu/ac by dividing value by 57.384. Bushels/acre is converted to kg/ha by multiplying value by the test weight (industry standard = 56 lbs/bushel) and dividing value by 0.892. We also report the yield index, which is labelled '% Checks' or '% of Pooled Mean'. Values in these columns represent the hybrid's yield performance relative to the mean of checks (hybrids with 5 or more station years of testing) grown at the same location.
- **Grain moisture content:** determination of grain moisture at all locations except Outlook was calculated using a Dickey John GAC-II grain moisture computer.
- **Silage whole plant moisture content:** determined by collecting a fresh weight from a 300 g sub-sample of chopped material from the harvested plot, which is dried down and re-weighed to determine moisture content.
- **Anthesis:** first day of anther extrusion on at least 10% of the plants.
- **Silking:** first day silks are visible on at least 50% of the plants.
- **Test Weight:** expressed as kg/hl, determined by the GAC-II grain moisture computer at Vauxhall and Lethbridge. To convert to lb/bu multiply by 0.807. Test weights were adjusted to moisture at 15.5% using a method that adjusts for porosity changes.



## List of Co-operators

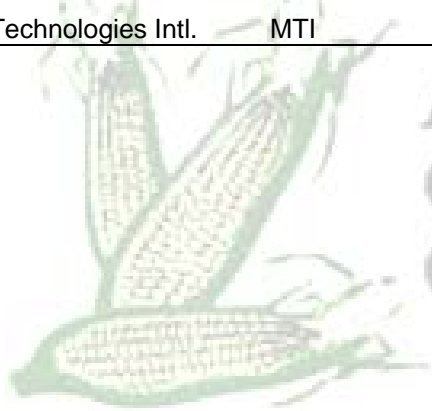
<b>Location of Test</b>	<b>Co-operator</b>	<b>Supervising Agency</b>
Lethbridge & Vauxhall	Brian Beres <i>Technical Support:</i> Ken Coles Ryan Dyck Sheree Kendrick Steven Leusink Steven Simmill	Agriculture & Agri-Food Canada
Brooks & Bow Island	Manjula Bandara <i>Technical Support:</i> Judy Webber Forrest Scharf Shawna Pow	AAFRD - Brooks
Outlook	Terry Hogg <i>Technical Support:</i> Don David	Agriculture & Agri-Food Canada
Lacombe	Brian Beres/Vern Baron <i>Technical Support:</i> Ryan Dyck Steven Leusink Steven Simmill Dave Young Tanya Rowe	Agriculture & Agri-Food Canada



ALBERTA  
CORN  
COMMITTEE

## Industry Participants

<b>Company</b>	<b>Hybrid Line</b>	<b>Contact</b>	<b>Phone</b>
Elite	Elite	Gilbert Brault	(514) 858-2667
Monsanto	DeKalb	Joe McNulty	(204) 985-1093
PICKSEED	PICKSEED	Jay Hackney	1-800-661-4769
Thompsons LTD	Hyland Seeds	Jim Olmsted	(519) 676-8146
Pioneer Hi-Bred	Pioneer Hi-Bred	Tim Welbanks	1-800-265-9435
Syngenta	NK Brand Seeds	Gary Bauman	1-800-756-7333
Pride Seeds	Pride	Fred Sinclair	1-800-265-5280
Maizex Seeds Inc.	Maizex	Shawn Winter	1-877-682-1720
Fraser Seeds	Fraser Seeds	Ken Van Den Bosch	1-888-325-7162
Maize Technologies Intl.	MTI	Mark Frei	+43 (0)5 9010 81 766



ALBERTA  
CORN  
COMMITTEE

### Soil Profiles, Seeding, and Harvest Dates

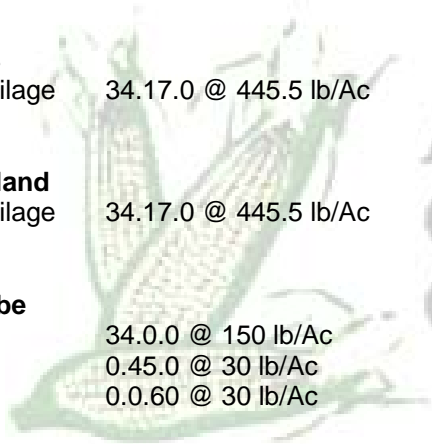
Location	Soil Type	Soil Zone	Seed Date Silage	Seed Date Grain	Harvest Silage	Harvest Grain
<b>Lethbridge</b>	Loam	Dark Brown	08-May	08-May	28-Sep	10-Oct
<b>Vauxhall</b>	Sandy Loam	Brown	04-May	05-May	22-Sep	12-Oct
<b>Brooks</b>	Silty Loam	Brown	11-May	11-May	22-Sep	05-Oct
<b>Bow Island</b>	Sandy	Brown	11-May	11-May	25-Sep	06-Oct
<b>Lacombe</b>	Silty Loam	Dark Brown	18-May	n/a	02-Oct	n/a
<b>Outlook, SK</b>	Clay Loam	Black	16-May	16-May	11-Sep	05-Oct



ALBERTA  
CORN  
COMMITTEE

## Crop Management Summary

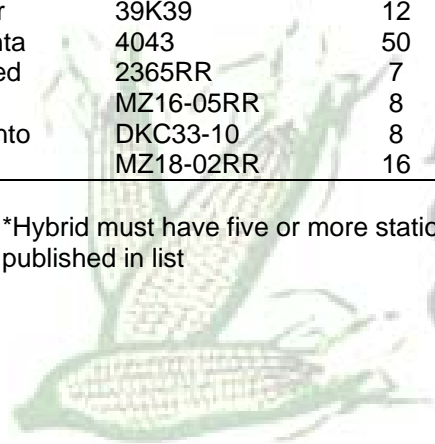
Location	Fertilizer Amendments	Herbicides Used	Irrigation Applied
<b>Lethbridge</b> Grain/Silage	Available: - 406.170.2158.403  No amendments applied	Eradicane 8E @ 3.4 l/Ac Cocktail: - Accent @ 10 g/Ac - Atrazine @ 300 ml/Ac - Banvel II @ 120 ml/Ac - Merge @ 325 l/Ac	8" or 203.2mm
<b>Vauxhall</b> Grain/Silage	100 lb/Ac of N 40 lb/Ac of P 30 lb/Ac of K 30 lb/Ac of S	Eradicane 8E @ 3.4 l/Ac Cocktail: - Accent @ 10 g/Ac - Atrazine @ 300 ml/Ac - Banvel II @ 120 ml/Ac - Merge @ 325 l/Ac	10" or 254mm
<b>Brooks</b> Grain/Silage	34.17.0 @ 445.5 lb/Ac	Eradicane	11.81" or 300mm
<b>Bow Island</b> Grain/Silage	34.17.0 @ 445.5 lb/Ac	Eradicane	16.83" or 427.5mm
<b>Lacombe</b> Silage	34.0.0 @ 150 lb/Ac 0.45.0 @ 30 lb/Ac 0.0.60 @ 30 lb/Ac	Laddock @ 1.5 l/Ac - with Assist surfactant	n/a
<b>Outlook, SK</b> Grain/Silage	Urea 46.0.0 @ 100 lb N/Ac - broadcast method 0.0.60 @ 100 lb K2O/Ac - broadcast method 12.51.0 @ 60 lb P2O5/Ac - sideband with seed 34.0.0 @ 50 lb N/Ac - broadcast method	Accent Banvel II	9.45" or 240mm



**\*2007 Alberta Corn Committee Silage Hybrid Performance List**

<b>Company</b>	<b>Hybrid</b>	<b>Location Years</b>	<b>Yield (t/Ac) Dry</b>	<b>Yield (% of Pooled Mean)</b>	<b>Whole Plant Moisture %</b>	<b>Average Anthesis</b>
Pioneer	39F45	30	6.1	83	59.5	23-Jul-06
Pioneer	39P78	18	6.5	88	60.0	24-Jul-06
Syngenta	N05-C7	12	6.9	95	60.2	27-Jul-06
Pioneer	39F59	12	7.3	99	60.2	29-Jul-06
Syngenta	N15-P6	8	7.4	100	62.7	01-Aug-06
Hyland	Baxxos RR	8	7.8	106	62.7	27-Jul-06
Hyland	HL R208	8	7.5	100	62.8	26-Jul-06
Pioneer	39H83	12	7.8	105	64.4	30-Jul-06
Elite	46T07 RR	5	7.3	98	65.0	29-Jul-06
Pioneer	39T67	12	7.5	102	65.2	27-Jul-06
Monsanto	DKC30-02	11	7.5	101	65.4	30-Jul-06
Pioneer	3921	55	8.0	109	66.1	02-Aug-06
Hyland	HLS007	24	7.4	99	66.4	28-Jul-06
Syngenta	N11-F4	16	7.4	100	66.6	29-Jul-06
Maizex	LF 802	8	8.8	117	66.8	06-Aug-06
Hyland	HLS011	20	7.8	105	67.0	08-Aug-06
Monsanto	DKC35-01	8	7.3	99	68.4	01-Aug-06
Pioneer	39K39	12	7.6	102	68.8	05-Aug-06
Syngenta	4043	50	8.2	111	69.0	03-Aug-06
Pickseed	2365RR	7	7.6	102	69.0	30-Jul-06
Maizex	MZ16-05RR	8	7.7	102	69.4	03-Aug-06
Monsanto	DKC33-10	8	6.8	92	69.6	01-Aug-06
Maizex	MZ18-02RR	16	7.2	96	69.8	31-Jul-06

\*Hybrid must have five or more station years accumulated over two or more calendar years to be published in list



ALBERTA  
CORN  
COMMITTEE

## 2006 Alberta Corn Committee Silage Hybrid Performance Averaged Over Locations

Company	Hybrid	Locations	Yield (t/Ac) Dry	Yield (% of Checks)	Whole Plant Moisture %	Anthesis
Pioneer	39P78	4	7.9	90	50	14-Jul-06
Pioneer	39F59	4	8.8	99	51	20-Jul-06
Syngenta	N05-C7	4	9.0	102	52	18-Jul-06
Pioneer	39F45	4	7.1	80	52	13-Jul-06
MTI Maize	6MA19	4	9.0	101	53	21-Jul-06
Maizex	EX 1261	3	8.3	86	53	16-Jul-06
Maizex	ERX 1261	1	7.6	107	53	12-Jul-06
Pioneer	39B93	4	9.2	102	53	21-Jul-06
Hyland	Baxxos RR	4	9.3	104	53	17-Jul-06
Hyland	HL B16R	4	9.1	101	54	18-Jul-06
Syngenta	N15-P6	4	9.0	102	54	22-Jul-06
Hyland	HL R208	4	8.4	93	54	17-Jul-06
Hyland	HLRX660	4	9.1	102	55	19-Jul-06
Pioneer	39H83	4	9.1	102	55	21-Jul-06
Pioneer	39A94	4	9.2	102	56	21-Jul-06
Hyland	HL R219	4	9.4	103	56	22-Jul-06
Pickseed	3623RR	3	9.1	94	56	17-Jul-06
Maizex	LF 755RR	4	9.7	109	56	23-Jul-06
Fraser	CPL184BTRR	2	10.3	116	56	25-Jul-06
Elite	46T07 RR	4	8.7	96	57	20-Jul-06
Pickseed	2623RR	3	9.2	95	57	16-Jul-06
Syngenta	N11-F4	4	9.1	101	57	20-Jul-06
Pioneer	3921	4	10.0	111	57	23-Jul-06
Elite	X3057	2	6.7	95	57	20-Jul-06
Pioneer	39T67(NP)	2	6.5	92	57	18-Jul-06
Pioneer	39T67	4	8.6	95	57	19-Jul-06
Pioneer	39T67(P)	2	6.8	97	58	18-Jul-06
Hyland	HLS007	4	8.8	96	58	19-Jul-06
Monsanto	DKC30-02	4	8.9	99	58	21-Jul-06
Fraser	2791RR	4	9.6	107	58	23-Jul-06
Maizex	LF 725	4	10.1	109	59	22-Jul-06
Pride Seeds	A4741HM	2	10.1	112	59	24-Jul-06
Syngenta	N22-L1	4	9.6	106	59	26-Jul-06
Fraser	CPL177RR	2	9.7	106	60	26-Jul-06
Pioneer	39K39	4	9.4	104	60	26-Jul-06
Maizex	LF 802	4	10.3	115	60	28-Jul-06
Monsanto	DKC35-01	2	8.6	94	60	20-Jul-06
Monsanto	DKC33-10	4	8.5	96	60	23-Jul-06
Hyland	HLS011	4	9.9	110	60	28-Jul-06
Hyland	HL R228	4	9.5	105	60	27-Jul-06
Pickseed	1622RR	3	8.9	91	61	18-Jul-06
Pickseed	2365RR	3	9.8	100	61	20-Jul-06
Syngenta	N24-V8	4	10.4	113	61	31-Jul-06
Syngenta	4043	4	9.6	107	61	24-Jul-06
Maizex	MZ16-05RR	4	9.6	105	62	25-Jul-06
Maizex	MZ18-02RR	4	8.8	96	62	21-Jul-06
Fraser	CPL294RR	2	10.6	117	62	29-Jul-06
Pride Seeds	A4950RR	2	9.6	108	62	24-Jul-06
Pioneer	38B12	4	10.2	113	63	27-Jul-06
Hyland	HLSX R01	4	9.8	108	63	31-Jul-06
Syngenta	NX2194	4	9.6	105	64	31-Jul-06
Pickseed	3524RR	3	9.8	101	64	24-Jul-06
Fraser	CPLSS93RR	2	10.5	117	67	01-Aug-06

**2006 Alberta Corn Committee – Lacombe Multi-Year Silage Data**

<b>Company</b>	<b>Hybrid</b>	<b>Location Years</b>	<b>Yield (t/Ac) Dry</b>	<b>Yield (% of Pooled Mean)</b>	<b>Whole Plant Moisture %</b>	<b>Average Anthesis</b>
Pioneer	39F45	3	4.3	93	74	02-Aug-06
Pioneer	39P78	3	4.5	99	75	06-Aug-06
Hyland	HL2093	2	4.1	92	75	08-Aug-06
Monsanto	DKC26-78	3	4.9	106	76	06-Aug-06
Syngenta	N05-C7	3	4.3	91	77	10-Aug-06
Pioneer	39T67	2	4.8	103	77	08-Aug-06
Pioneer	39F59	2	4.5	98	78	15-Aug-06
Hyland	Bixxio RR	2	4.5	97	78	09-Aug-06
Hyland	HL R206	2	4.4	95	78	06-Aug-06
Syngenta	N11-F4	3	5.1	109	79	10-Aug-06
Hyland	HLS007	2	4.1	88	79	12-Aug-06
Syngenta	N15-P6	2	4.7	101	79	15-Aug-06
Hyland	HLS011	2	4.9	105	79	21-Aug-06
Pride Seeds	A4741HM	2	4.7	101	79	09-Aug-06
Syngenta	4043	3	4.9	104	80	15-Aug-06

\*only hybrids with two or more years of testing are reported



ALBERTA  
CORN  
COMMITTEE

**2006 Alberta Corn Committee – Outlook, SK Multi-Year Silage Data**

<b>Company</b>	<b>Hybrid</b>	<b>Location Years</b>	<b>Yield (t/Ac) Dry</b>	<b>Yield (% of Pooled Mean)</b>	<b>Whole Plant Moisture %</b>	<b>Average Anthesis</b>
Pioneer	39F45	4	5.7	94	58	30-Jul-06
Pioneer	39P78	4	5.5	88	64	03-Aug-06
Monsanto	DKC26-78	3	5.9	92	66	06-Aug-06
Pioneer	39F59	3	6.8	107	66	02-Aug-06
Syngenta	N05-C7	3	6.3	99	67	01-Aug-06
Elite	46T07 RR	2	6.6	105	68	01-Aug-06
Pioneer	39T67	3	6.5	101	68	31-Jul-06
Monsanto	DKC30-02	3	6.2	100	70	03-Aug-06
Pride Seeds	A4741HM	2	5.9	93	70	02-Aug-06
Syngenta	N15-P6	2	6.7	104	70	05-Aug-06
Pioneer	39H83	3	6.8	108	70	01-Aug-06
Hyland	HLS007	4	6.2	97	71	01-Aug-06
Hyland	HLS011	3	6.8	108	71	10-Aug-06
Syngenta	N11-F4	4	6.4	100	73	03-Aug-06
Maizex	MZ18-02RR	4	6.6	103	74	04-Aug-06
Monsanto	DKC33-10	2	6.2	98	74	04-Aug-06
Syngenta	4043	4	7.1	109	74	07-Aug-06

\*only hybrids with two or more years of testing are reported



ALBERTA  
CORN  
COMMITTEE

2006 Lethbridge Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	17-Jul-06	19-Jul-06	11.6	44.4
Pioneer	39P78	17-Jul-06	19-Jul-06	13.5	45.0
Syngenta	N15-P6	26-Jul-06	28-Jul-06	16.6	49.2
Maizex	EX 1261	18-Jul-06	20-Jul-06	13.2	49.5
Syngenta	N05-C7	20-Jul-06	22-Jul-06	17.0	49.9
Hyland	Baxxos RR	20-Jul-06	22-Jul-06	17.7	50.4
Pioneer	39B93	23-Jul-06	25-Jul-06	15.2	50.7
Pioneer	39F59	23-Jul-06	25-Jul-06	14.7	50.7
Pioneer	39A94	25-Jul-06	27-Jul-06	16.1	51.7
Elite	46T07 RR	23-Jul-06	24-Jul-06	14.1	52.6
Hyland	HL R219	26-Jul-06	24-Jul-06	14.9	53.6
Hyland	HLRX660	20-Jul-06	22-Jul-06	16.1	53.8
Pioneer	39T67	21-Jul-06	23-Jul-06	14.9	54.0
Maizex	LF 755RR	26-Jul-06	24-Jul-06	18.2	54.1
Pioneer	39T67-NP	22-Jul-06	24-Jul-06	14.0	54.4
Fraser	2791RR	28-Jul-06	29-Jul-06	18.4	54.9
MTI Maize	6MA19	26-Jul-06	28-Jul-06	15.9	55.1
Pioneer	39T67-P	21-Jul-06	23-Jul-06	15.5	55.3
Hyland	HL B16R	19-Jul-06	21-Jul-06	16.3	55.5
Elite	X3057	25-Jul-06	27-Jul-06	14.2	55.6
Maizex	LF 802	30-Jul-06	29-Jul-06	20.4	55.8
Pioneer	39H83	24-Jul-06	26-Jul-06	16.5	56.0
Hyland	HL R208	20-Jul-06	22-Jul-06	12.0	56.2
Monsanto	DKC30-02	25-Jul-06	27-Jul-06	15.7	56.7
Maizex	LF 725	26-Jul-06	27-Jul-06	16.7	56.8
Fraser	CPL184BTRR	27-Jul-06	28-Jul-06	19.8	56.8
Pioneer	3921@	26-Jul-06	28-Jul-06	17.8	56.8
Syngenta	N11-F4	22-Jul-06	24-Jul-06	15.7	56.8
Hyland	HL S011	01-Aug-06	3-Aug-06	17.5	57.3
Syngenta	N22-L1	27-Jul-06	29-Jul-06	17.2	57.9
Pride Seeds	A4741HM	24-Jul-06	24-Jul-06	16.4	58.3
Hyland	HL S007	22-Jul-06	24-Jul-06	14.3	58.6
Hyland	HLSX R01	02-Aug-06	4-Aug-06	17.4	59.1
Monsanto	DKC33-10	26-Jul-06	28-Jul-06	16.6	59.1
Fraser	CPL177RR	26-Jul-06	28-Jul-06	15.6	59.1
Hyland	HL R228	28-Jul-06	30-Jul-06	16.1	59.6
Pioneer	39K39	28-Jul-06	30-Jul-06	15.2	59.6
Syngenta	NX2194	02-Aug-06	4-Aug-06	15.6	59.8
Maizex	MZ 16-05RR	29-Jul-06	31-Jul-06	14.9	60.2
Syngenta	N24-V8	03-Aug-06	5-Aug-06	17.4	60.3
Syngenta	G4043	27-Jul-06	29-Jul-06	18.5	60.4
Pride Seeds	A4950RR	25-Jul-06	27-Jul-06	16.8	60.5
Fraser	CPL294RR	30-Jul-06	1-Aug-06	18.7	61.0
Maizex	MZ 18-02RR	25-Jul-06	27-Jul-06	14.1	61.2
Pioneer	38B12	29-Jul-06	31-Jul-06	18.2	62.5
Fraser	CPLSS93RR	02-Aug-06	04-Aug-06	18.7	67.4

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
<b>R<sup>2</sup></b>	0.95	0.93	0.68	0.78
<b>CV</b>	0.57	0.71	10.22	5.42
<b>Root MSE</b>	1.18	1.48	1.65	3.04
<b>Mean</b>	25-Jul-06	27-Jul-06	16.13	55.97
<b>LSD (alpha = 0.05)</b>	1.92	2.4	2.69	4.92

2006 Vauxhall Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39P78	12-Jul-06	14-Jul-06	17.6	51.4
MTI Maize	6MA19	16-Jul-06	19-Jul-06	18.0	53.0
Syngenta	N05-C7	12-Jul-06	14-Jul-06	16.9	53.0
Maizex	EX 1261	12-Jul-06	14-Jul-06	17.0	53.2
Pioneer	39F59	13-Jul-06	15-Jul-06	17.0	53.2
Hyland	Baxxos RR	13-Jul-06	15-Jul-06	16.9	53.9
Pioneer	39H83	17-Jul-06	19-Jul-06	17.5	54.5
Syngenta	N15-P6	17-Jul-06	18-Jul-06	17.4	54.5
Maizex	LF 755RR	18-Jul-06	17-Jul-06	16.6	55.7
Pioneer	39B93	16-Jul-06	18-Jul-06	16.7	56.0
Hyland	HL B16R	13-Jul-06	15-Jul-06	16.1	56.0
Hyland	HLRX660	15-Jul-06	17-Jul-06	16.5	56.1
Monsanto	DKC30-02	16-Jul-06	18-Jul-06	16.5	56.3
Pioneer	39F45	11-Jul-06	13-Jul-06	15.3	56.7
Pickseed	2623RR	12-Jul-06	14-Jul-06	15.4	57.0
Pioneer	3921@	20-Jul-06	22-Jul-06	17.2	57.3
Hyland	HL R208	12-Jul-06	13-Jul-06	15.0	57.9
Elite	46T07 RR	14-Jul-06	15-Jul-06	15.4	58.0
Hyland	HL R219	18-Jul-06	18-Jul-06	15.9	58.1
Syngenta	N11-F4	16-Jul-06	17-Jul-06	15.8	58.3
Elite	X3057	16-Jul-06	17-Jul-06	15.7	58.4
Pickseed	3623RR	14-Jul-06	15-Jul-06	15.1	58.8
Pioneer	39T67	15-Jul-06	17-Jul-06	15.3	59.4
Pioneer	39A94	17-Jul-06	19-Jul-06	15.6	59.5
Fraser	EXP 197	18-Jul-06	16-Jul-06	14.9	59.8
Pioneer	39T67-P	15-Jul-06	17-Jul-06	15.1	59.8
Hyland	HL S011	25-Jul-06	25-Jul-06	16.6	60.1
Pioneer	39T67-NP	15-Jul-06	17-Jul-06	15.0	60.1
Pioneer	39K39	22-Jul-06	24-Jul-06	16.3	60.4
Pickseed	2365RR	16-Jul-06	18-Jul-06	14.8	60.9
Monsanto	DKC33-10	18-Jul-06	20-Jul-06	15.2	61.0
Maizex	MZ 16-05RR	20-Jul-06	22-Jul-06	15.6	61.1
Syngenta	G4043	21-Jul-06	23-Jul-06	15.8	61.2
Hyland	HL R228	23-Jul-06	24-Jul-06	15.9	61.4
Syngenta	N22-L1	22-Jul-06	23-Jul-06	15.7	61.5
Monsanto	DKC35-01	18-Jul-06	20-Jul-06	15.0	61.6
Hyland	HL S007	15-Jul-06	17-Jul-06	14.2	62.1
Pickseed	1622RR	13-Jul-06	15-Jul-06	13.7	62.3
Pioneer	38B12	22-Jul-06	24-Jul-06	15.4	62.4
Pickseed	3524RR	21-Jul-06	24-Jul-06	15.3	62.9
Maizex	LF 802	22-Jul-06	23-Jul-06	14.9	63.4
Maizex	LF 725	17-Jul-06	19-Jul-06	14.0	63.8
Syngenta	N24-V8	27-Jul-06	27-Jul-06	15.4	64.0
Maizex	MZ 18-02RR	17-Jul-06	19-Jul-06	13.8	64.1
Syngenta	NX2194	27-Jul-06	27-Jul-06	15.1	64.6
Hyland	HLSX R01	28-Jul-06	27-Jul-06	13.3	68.9

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
<b>R<sup>2</sup></b>	0.95	0.91	0.56	0.67
<b>CV</b>	0.61	0.72	7.69	5.36
<b>Root MSE</b>	1.20	1.44	1.21	3.16
<b>Mean</b>	17-Jul-06	19-Jul-06	15.73	58.98
<b>LSD (alpha = 0.05)</b>	1.68	2.00	1.69	4.42

2006 Brooks Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Hyland	HL R208	20-Jul-06	22-Jul-06	25.8	50.0
Pioneer	39F59	23-Jul-06	23-Jul-06	23.1	53.3
Hyland	HL B16R	21-Jul-06	23-Jul-06	26.4	54.5
Pioneer	39P78	14-Jul-06	18-Jul-06	18.9	56.3
Hyland	HL R219	24-Jul-06	24-Jul-06	26.2	56.5
Hyland	HL S007	21-Jul-06	23-Jul-06	24.2	56.5
MTI Maize	6MA19	23-Jul-06	25-Jul-06	21.6	56.8
Syngenta	N05-C7	22-Jul-06	22-Jul-06	22.0	57.0
Hyland	HLRX660	21-Jul-06	24-Jul-06	25.4	57.5
Maizex	LF 725	25-Jul-06	27-Jul-06	29.0	57.5
Hyland	Baxxos RR	19-Jul-06	21-Jul-06	23.6	58.0
Maizex	EX 1261	16-Jul-06	21-Jul-06	21.5	58.0
Pioneer	39H83	23-Jul-06	25-Jul-06	22.8	58.0
Pioneer	3921®	25-Jul-06	29-Jul-06	26.8	58.5
Pioneer	39A94	23-Jul-06	26-Jul-06	24.9	58.5
Syngenta	N24-V8	03-Aug-06	03-Aug-06	31.6	58.5
Pioneer	39F45	13-Jul-06	17-Jul-06	18.9	59.0
Syngenta	N11-F4	23-Jul-06	23-Jul-06	25.0	59.3
Maizex	LF 755RR	25-Jul-06	24-Jul-06	25.6	59.5
Pride Seeds	A4741HM	25-Jul-06	23-Jul-06	28.7	59.8
Hyland	HLSX R01	02-Aug-06	01-Aug-06	30.1	60.0
Syngenta	N22-L1	27-Jul-06	29-Jul-06	26.7	60.0
Pioneer	39B93	23-Jul-06	25-Jul-06	24.3	60.3
Elite	46T07 RR	22-Jul-06	23-Jul-06	23.4	60.5
Maizex	LF 802	31-Jul-06	30-Jul-06	26.6	60.8
Pickseed	2623RR	18-Jul-06	22-Jul-06	23.8	60.8
Syngenta	N15-P6	24-Jul-06	24-Jul-06	23.0	60.8
Fraser	EXP 197	25-Jul-06	24-Jul-06	22.9	61.7
Hyland	HL R228	29-Jul-06	29-Jul-06	26.4	61.8
Pickseed	3623RR	20-Jul-06	21-Jul-06	22.6	61.8
Pickseed	1622RR	22-Jul-06	24-Jul-06	22.6	63.0
Pioneer	39K39	29-Jul-06	31-Jul-06	25.5	63.0
Syngenta	G4043	25-Jul-06	27-Jul-06	26.5	63.0
Hyland	HL S011	29-Jul-06	29-Jul-06	26.8	63.3
Monsanto	DKC30-02	23-Jul-06	23-Jul-06	23.4	63.5
Pioneer	39T67	21-Jul-06	23-Jul-06	22.8	63.5
Pride Seeds	A4950RR	23-Jul-06	26-Jul-06	26.2	63.5
Pickseed	2365RR	23-Jul-06	27-Jul-06	25.3	63.8
Maizex	MZ 16-05RR	26-Jul-06	29-Jul-06	26.7	64.5
Maizex	MZ 18-02RR	23-Jul-06	26-Jul-06	24.5	65.0
Monsanto	DKC33-10	25-Jul-06	26-Jul-06	21.7	65.0
Pioneer	38B12	30-Jul-06	29-Jul-06	27.1	65.3
Pickseed	3524RR	27-Jul-06	31-Jul-06	24.7	66.5
Syngenta	NX2194	03-Aug-06	03-Aug-06	26.3	66.5

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
<b>R<sup>2</sup></b>	0.97	0.94	0.46	0.41
<b>CV</b>	0.48	0.55	13.69	9.05
<b>Root MSE</b>	0.99	1.13	3.40	5.43
<b>Mean</b>	23-Jul-06	25-Jul-06	24.81	60.07
<b>LSD (alpha = 0.05)</b>	1.40	1.63	4.90	7.90

2006 Bow Island Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
MTI Maize	6MA19	22-Jul-06	24-Jul-06	25.0	46.3
Pioneer	39B93	22-Jul-06	23-Jul-06	26.5	46.3
Pioneer	39F59	22-Jul-06	22-Jul-06	24.3	46.5
Syngenta	N05-C7	21-Jul-06	21-Jul-06	24.8	47.3
Pickseed	3623RR	18-Jul-06	22-Jul-06	23.4	47.3
Pioneer	39F45	12-Jul-06	17-Jul-06	18.0	47.5
Hyland	HL B16R	19-Jul-06	21-Jul-06	22.3	48.0
Pioneer	39P78	16-Jul-06	20-Jul-06	21.0	48.3
Syngenta	N15-P6	22-Jul-06	23-Jul-06	24.0	49.5
Hyland	HL R208	18-Jul-06	21-Jul-06	22.9	50.0
Hyland	Baxxos RR	18-Jul-06	21-Jul-06	24.8	51.3
Maizex	EX 1261	14-Jul-06	18-Jul-06	21.0	51.3
Hyland	HLRX660	20-Jul-06	22-Jul-06	23.8	52.8
Pickseed	2623RR	18-Jul-06	22-Jul-06	22.5	52.8
Syngenta	N11-F4	22-Jul-06	23-Jul-06	25.4	52.8
Pioneer	39A94	22-Jul-06	26-Jul-06	25.9	53.0
Pioneer	39T67	20-Jul-06	23-Jul-06	23.7	53.0
Hyland	HL S007	20-Jul-06	24-Jul-06	25.9	53.3
Pioneer	39H83	21-Jul-06	25-Jul-06	24.3	53.3
Hyland	HL R219	23-Jul-06	23-Jul-06	27.0	54.5
Monsanto	DKC30-02	23-Jul-06	23-Jul-06	23.7	54.8
Pioneer	3921®	23-Jul-06	27-Jul-06	27.5	55.3
Elite	46T07 RR	21-Jul-06	23-Jul-06	24.7	55.5
Monsanto	DKC33-10	23-Jul-06	24-Jul-06	22.8	55.5
Maizex	LF 755RR	24-Jul-06	22-Jul-06	26.8	55.8
Fraser	CPL184BTRR	23-Jul-06	22-Jul-06	26.5	55.8
Pioneer	39K39	27-Jul-06	30-Jul-06	27.4	56.3
Maizex	LF 725	22-Jul-06	25-Jul-06	30.4	56.5
Fraser	2791RR	23-Jul-06	22-Jul-06	30.0	56.8
Maizex	MZ 18-02RR	22-Jul-06	25-Jul-06	26.6	57.5
Pickseed	1622RR	20-Jul-06	22-Jul-06	23.3	57.8
Hyland	HL R228	28-Jul-06	29-Jul-06	26.4	58.5
Monsanto	DKC35-01	23-Jul-06	25-Jul-06	23.6	58.5
Pickseed	2365RR	22-Jul-06	25-Jul-06	25.6	58.5
Syngenta	N22-L1	28-Jul-06	31-Jul-06	26.0	58.5
Maizex	LF 802	29-Jul-06	29-Jul-06	30.8	59.3
Hyland	HL S011	27-Jul-06	30-Jul-06	27.6	60.0
Syngenta	G4043	24-Jul-06	28-Jul-06	25.1	60.0
Pioneer	38B12	28-Jul-06	31-Jul-06	30.9	60.3
Fraser	CPL177RR	26-Jul-06	29-Jul-06	27.9	60.3
Maizex	MZ 16-05RR	26-Jul-06	29-Jul-06	28.8	61.0
Syngenta	N24-V8	31-Jul-06	31-Jul-06	28.4	61.8
Hyland	HLSX R01	01-Aug-06	31-Jul-06	27.4	62.8
Fraser	CPL294RR	28-Jul-06	31-Jul-06	28.7	62.8
Pickseed	3524RR	25-Jul-06	29-Jul-06	25.7	63.3
Syngenta	NX2194	01-Aug-06	31-Jul-06	29.3	64.0
Fraser	CPLSS93RR	31-Jul-06	31-Jul-06	28.5	67.3

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
<b>R<sup>2</sup></b>	0.97	0.94	0.72	0.80
<b>CV</b>	0.45	0.58	7.60	5.72
<b>Root MSE</b>	0.93	1.20	1.95	3.16
<b>Mean</b>	23-Jul-06	25-Jul-06	25.70	55.24
<b>LSD (alpha = 0.05)</b>	1.30	1.68	2.73	4.40

2006 Lacombe Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Maizex	MZ 119	30-Jul-06	01-Aug-06	12.8	65.2
Pioneer	39F45	27-Jul-06	29-Jul-06	12.4	65.2
Pioneer	39P78	30-Jul-06	01-Aug-06	12.3	65.5
Hyland	HL B209	05-Aug-06	07-Aug-06	12.9	66.2
Hyland	HL 2093	02-Aug-06	04-Aug-06	10.6	66.7
Pioneer	39B93	04-Aug-06	06-Aug-06	14.2	67.0
Monsanto	DKC26-78	29-Jul-06	31-Jul-06	13.5	67.2
Pioneer	39T67	31-Jul-06	02-Aug-06	14.4	68.2
Maizex	LF 725	09-Aug-06	11-Aug-06	14.7	68.3
Hyland	Baxxos RR	02-Aug-06	04-Aug-06	15.5	68.3
Hyland	HL R219	05-Aug-06	07-Aug-06	14.3	68.7
Maizex	EX 1261	29-Jul-06	31-Jul-06	13.7	69.0
Syngenta	N05-C7	04-Aug-06	06-Aug-06	13.1	69.1
Hyland	HL R208	31-Jul-06	02-Aug-06	13.0	69.7
Hyland	HLRX660	03-Aug-06	05-Aug-06	13.7	70.2
Hyland	HL B16R	29-Jul-06	31-Jul-06	12.1	70.8
Hyland	Bixxio RR	05-Aug-06	07-Aug-06	12.4	71.0
Pioneer	39F59	05-Aug-06	07-Aug-06	12.7	71.2
Hyland	HL R206	30-Jul-06	01-Aug-06	12.4	71.5
MTI Maize	6MA19	06-Aug-06	09-Aug-06	13.6	72.3
Syngenta	N11-F4	02-Aug-06	04-Aug-06	15.1	72.5
Syngenta	N22-L1	08-Aug-06	10-Aug-06	15.1	72.7
Syngenta	N15-P6	07-Aug-06	09-Aug-06	13.1	72.9
Hyland	HL S007	02-Aug-06	04-Aug-06	11.9	73.0
Pride Seeds	A4741HM	29-Jul-06	31-Jul-06	13.6	73.1
Syngenta	NX2194	10-Aug-06	12-Aug-06	13.2	73.2
Hyland	HL S011	09-Aug-06	11-Aug-06	14.3	73.4
Hyland	N24-V8	09-Aug-06	11-Aug-06	15.0	73.4
Hyland	HLSX R01	09-Aug-06	11-Aug-06	12.6	73.6
Hyland	HL R228	08-Aug-06	10-Aug-06	15.4	73.9
Syngenta	G4043	07-Aug-06	09-Aug-06	15.2	74.6
Pride Seeds	A4950RR	07-Aug-06	09-Aug-06	12.2	75.1

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
<b>R<sup>2</sup></b>	0.98	0.98	0.57	0.80
<b>CV</b>	0.34	0.35	9.55	2.53
<b>Root MSE</b>	0.73	0.75	1.28	1.78
<b>Mean</b>	03-Aug-06	05-Aug-06	13.45	70.39
<b>LSD (alpha = 0.05)</b>	1.02	1.06	1.81	2.50

2006 Outlook, SK Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	18-Jul-06	23-Jul-06	12.7	53.4
Hyland	HL 2093	23-Jul-06	28-Jul-06	11.9	64.8
Pioneer	39P78	21-Jul-06	25-Jul-06	10.8	65.3
Syngenta	N05-C7	25-Jul-06	27-Jul-06	12.5	67.6
Pioneer	39T67	24-Jul-06	29-Jul-06	11.5	67.6
Hyland	HL B209	26-Jul-06	29-Jul-06	11.8	68.1
Pioneer	39F59	27-Jul-06	29-Jul-06	10.8	68.5
Maizex	EX 1261	22-Jul-06	26-Jul-06	13.4	68.6
Monsanto	DKC26-78	21-Jul-06	26-Jul-06	11.2	69.2
Elite	46T07 RR	26-Jul-06	29-Jul-06	13.3	69.3
Hyland	HL B16R	25-Jul-06	28-Jul-06	9.1	70.6
Hyland	Bixxio RR	21-Jul-06	26-Jul-06	12.6	70.6
Monsanto	DKC30-02	28-Jul-06	30-Jul-06	14.0	70.6
Pioneer	39B93	28-Jul-06	30-Jul-06	12.4	70.7
Maizex	LF 725	27-Jul-06	29-Jul-06	12.8	70.8
Hyland	Baxxos RR	24-Jul-06	28-Jul-06	11.7	70.9
Hyland	HLRX660	25-Jul-06	29-Jul-06	10.1	71.0
Hyland	HL R208	24-Jul-06	27-Jul-06	11.6	71.7
Syngenta	N15-P6	30-Jul-06	02-Aug-06	11.6	72.1
Pioneer	39A94	29-Jul-06	01-Aug-06	10.3	72.6
Pioneer	39H83	27-Jul-06	31-Jul-06	11.1	72.6
Hyland	HL R219	28-Jul-06	29-Jul-06	12.5	72.7
Pride Seeds	A4741HM	27-Jul-06	29-Jul-06	10.4	73.1
MTI Maize	6MA19	27-Jul-06	01-Aug-06	11.8	73.4
Hyland	HL S007	25-Jul-06	30-Jul-06	11.3	73.7
Hyland	HL S011	03-Aug-06	05-Aug-06	11.3	75.2
Syngenta	N22-L1	28-Jul-06	02-Aug-06	14.1	75.2
Pride Seeds	A4950RR	26-Jul-06	30-Jul-06	12.3	75.6
Maizex	MZ 16-05RR	29-Jul-06	02-Aug-06	12.8	75.7
Maizex	MZ 18-02RR	28-Jul-06	31-Jul-06	11.6	75.9
Hyland	HL R228	30-Jul-06	02-Aug-06	13.9	75.9
Syngenta	G4043	30-Jul-06	02-Aug-06	12.9	76.0
Syngenta	N11-F4	26-Jul-06	29-Jul-06	10.2	76.1
Hyland	HLSX R01	06-Aug-06	08-Aug-06	10.6	76.4
Monsanto	DKC33-10	28-Jul-06	31-Jul-06	11.3	76.5
Syngenta	N24-V8	07-Aug-06	08-Aug-06	13.4	76.6
Syngenta	NX2194	06-Aug-06	07-Aug-06	13.8	76.9

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
<b>R<sup>2</sup></b>	0.96	0.95	0.46	0.93
<b>CV</b>	0.48	0.46	13.99	1.95
<b>Root MSE</b>	0.99	0.98	1.67	1.40
<b>Mean</b>	27-Jul-06	30-Jul-06	11.94	71.66
<b>LSD (alpha = 0.05)</b>	1.40	1.37	2.40	1.96

**\*2007 Alberta Corn Committee Grain Hybrid Performance List**

<b>Company</b>	<b>Hybrid</b>	<b>Location Years</b>	<b>Yield (bu/ac)</b>	<b>Yield (% of Pooled Mean)</b>	<b>Grain Moisture %</b>	<b>Test Weight (lb/bu)</b>	<b>Average Anthesis</b>
Pioneer	39P78	20	106.3	97	23.9	55.3	25-Jul-06
Pioneer	39F45	26	105.5	96	24.7	57.1	22-Jul-06
Hyland	HL2093	32	112.6	101	25.5	53.1	28-Jul-06
Elite	30A27 RR	9	110.0	101	26.2	52.8	24-Jul-06
Syngenta	N05-C7	9	111.9	99	27.2	55.1	27-Jul-06
Hyland	HL R206	8	107.3	97	27.5	52.2	24-Jul-06
Maizex	MZ 115	11	119.8	108	27.7	51.9	24-Jul-06

\*Hybrid must have five or more station years accumulated over two or more calendar years to be published in list



ALBERTA  
CORN  
COMMITTEE

## 2006 Alberta Corn Committee Grain Hybrid Performance Averaged Over Locations

<b>Company</b>	<b>Hybrid</b>	<b>Locations</b>	<b>Yield (bu/Ac)</b>	<b>Yield (% Checks)</b>	<b>Moisture</b>	<b>TWT (kg/hl)</b>	<b>Anthesis</b>
Pioneer	39P78	4	164.6	94.0	21.2	73.9	16-Jul-06
Pioneer	39F45	4	158.9	90.0	22.1	72.9	12-Jul-06
Pioneer	39M26	4	170.6	96.0	22.6	72.9	18-Jul-06
Elite	30A27 RR	4	155.3	100.0	22.8	71.4	16-Jul-06
Pioneer	39T67(NP)	2	146.1	94.0	23.0	71.4	20-Jul-06
Pioneer	39T67(P)	2	153.2	98.0	23.0	72.0	20-Jul-06
Monsanto	DKC26-78	1	131.7	121.0	23.2	74.5	22-Jul-06
Hyland	HL R206	4	171.3	98.0	23.3	69.8	14-Jul-06
Maizex	EX 1264	5	168.9	105.0	23.5	70.7	13-Jul-06
Syngenta	N05-C7	5	170.5	103.0	23.9	73.3	20-Jul-06
Maizex	EX 1261	2	173.6	106.0	24.1	68.8	18-Jul-06
Hyland	HL2093	5	164.2	100.0	24.1	70.2	19-Jul-06
Hyland	HL R208	2	192.2	102.0	24.9	69.9	16-Jul-06
Hyland	Bixxio R	3	171.6	100.0	25.0	70.0	17-Jul-06
Elite	30A27 R	1	180.4	95.0	25.1	68.6	16-Jul-06
Syngenta	N06-C1	5	178.8	111.0	25.3	67.8	18-Jul-06
Hyland	Baxxos R	2	193.5	102.0	25.8	72.1	18-Jul-06
Hyland	HL B209	4	147.2	92.0	26.5	69.5	21-Jul-06
Maizex	MZ 115	5	176.0	108.0	27.4	68.5	17-Jul-06
Elite	X3057	2	159.8	102.0	28.1	68.0	22-Jul-06
Hyland	HL B16R	2	202.9	108.0	28.5	72.2	18-Jul-06
Hyland	Bixxio	1	201.9	106.0	28.8	72.0	17-Jul-06
Fraser	CPL229RR	1	215.9	107.0	29.8	67.8	23-Jul-06
Maizex	EX 1265	5	171.8	107.0	30.9	71.9	17-Jul-06
MTI Maize	6MA06	5	168.1	103.0	31.3	71.7	18-Jul-06
Maizex	EX 1263	5	175.1	107.0	31.4	71.3	19-Jul-06
Fraser	CPL177RR	1	209.5	104.0	35.6	70.3	24-Jul-06

**2006 Alberta Corn Committee – Outlook, SK Multi-Year Grain Data**

<b>Company</b>	<b>Hybrid</b>	<b>Location Years</b>	<b>Yield (bu/ac)</b>	<b>Yield (% Checks)</b>	<b>Moisture</b>	<b>TWT (kg/ha)</b>	<b>Average Anthesis</b>
Hyland	HL2093	3	124.1	103	21.2	65.4	28-Jul-06
Elite	30A27 RR	2	125.4	104	21.2	64.5	26-Jul-06
Maizex	MZ 115	2	144.3	120	21.3	65.0	23-Jul-06
Syngenta	N05-C7	2	112.9	94	21.6	67.0	28-Jul-06
Monsanto	DKC26-78	3	148.3	126	21.7	61.4	24-Jul-06

\*only hybrids with two or more years of testing are reported

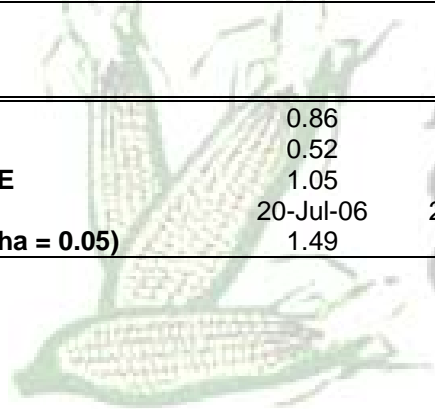


ALBERTA  
CORN  
COMMITTEE

2006 Lethbridge Grain Trial

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Pioneer	39P78	18-Jul-06	20-Jul-06	7886.5	137.4	19.7	75.4
Pioneer	39F45	16-Jul-06	18-Jul-06	7255.1	126.4	21.0	75.2
Hyland	HL 2093	21-Jul-06	22-Jul-06	8014.5	139.7	21.5	70.6
Pioneer	39M26	20-Jul-06	22-Jul-06	7734.7	134.8	21.7	75.1
Maizex	EX 1264	17-Jul-06	19-Jul-06	7894.2	137.6	21.9	70.8
Pioneer	39T67(P)	22-Jul-06	23-Jul-06	7781.6	135.6	22.7	73.3
Hyland	HL B209	22-Jul-06	24-Jul-06	6261.2	109.1	23.2	68.3
Hyland	Bixxio RR	21-Jul-06	23-Jul-06	8169.5	142.4	23.3	69.9
Pioneer	39T67(NP)	21-Jul-06	23-Jul-06	7730.6	134.7	23.4	71.3
Syngenta	N05-C7	21-Jul-06	22-Jul-06	8255.3	143.9	23.4	71.5
Hyland	HL R206	17-Jul-06	19-Jul-06	8394.9	146.3	23.5	69.2
Maizex	EX 1261	20-Jul-06	21-Jul-06	8716.1	151.9	23.7	68.7
Elite	30A27 RR	17-Jul-06	19-Jul-06	8099.5	141.1	24.1	69.5
Syngenta	N06-C1	22-Jul-06	23-Jul-06	9517.9	165.9	24.8	65.9
Maizex	MZ 115	20-Jul-06	22-Jul-06	7273.9	126.8	26.1	67.1
Elite	X3057	25-Jul-06	25-Jul-06	7742.8	134.9	29.4	67.2
Maizex	EX 1265	20-Jul-06	22-Jul-06	7856.3	136.9	31.0	70.5
MTI Maize	6MA06	21-Jul-06	23-Jul-06	6438.9	112.2	31.4	70.7
Maizex	EX 1263	22-Jul-06	23-Jul-06	6148.0	107.1	31.5	70.3

<b>R<sup>2</sup></b>	0.86	0.82	0.79	.	0.90	0.81
<b>CV</b>	0.52	0.53	6.46	.	5.90	2.23
<b>Root MSE</b>	1.05	1.08	480.25	.	1.45	1.57
<b>Mean</b>	20-Jul-06	22-Jul-06	7757.00	.	24.58	70.55
<b>LSD (alpha = 0.05)</b>	1.49	1.53	699.5	.	2.05	2.23



ALBERTA  
CORN  
COMMITTEE

2006 Vauxhall Grain Trial

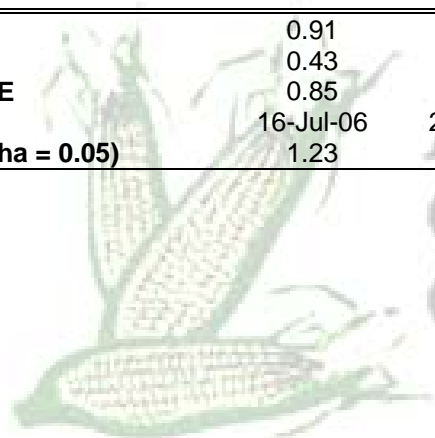
Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Pioneer	39P78	17-Jul-06	19-Jul-06	8565.8	149.3	18.6	74.2
Pioneer	39F45	13-Jul-06	15-Jul-06	8335.9	145.3	20.3	73.1
Pioneer	39M26	18-Jul-06	20-Jul-06	8006.7	139.5	21.6	72.3
Syngenta	N05-C7	17-Jul-06	19-Jul-06	11155.7	194.4	21.9	72.6
Elite	30A27 RR	14-Jul-06	16-Jul-06	9880.4	172.2	22.2	70.9
Syngenta	N06-C1	15-Jul-06	17-Jul-06	9762.0	170.1	22.4	67.9
Pioneer	39T67(NP)	19-Jul-06	21-Jul-06	9039.0	157.5	22.6	71.6
Hyland	HL R206	13-Jul-06	15-Jul-06	9153.8	159.5	22.8	70.2
Maizex	EX 1264	13-Jul-06	14-Jul-06	9625.2	167.7	23.3	70.1
Pioneer	39T67(P)	19-Jul-06	21-Jul-06	9797.1	170.7	23.3	70.8
Hyland	Bixxio RR	16-Jul-06	18-Jul-06	9362.5	163.2	23.5	69.3
Hyland	Baxxos RR	18-Jul-06	20-Jul-06	9535.2	166.2	24.0	71.0
Hyland	HL R208	16-Jul-06	17-Jul-06	10237.2	178.4	24.4	68.3
Maizex	MZ 115	15-Jul-06	17-Jul-06	11880.9	207.0	26.0	67.6
Hyland	HL B209	18-Jul-06	20-Jul-06	10421.2	181.6	26.6	68.4
Elite	X3057	20-Jul-06	21-Jul-06	10603.3	184.8	26.8	68.9
Hyland	HL B16R	17-Jul-06	19-Jul-06	10465.8	182.4	26.9	70.1
Hyland	HL 2093	17-Jul-06	19-Jul-06	10736.3	187.1	27.4	68.9
MTI Maize	6MA06	16-Jul-06	18-Jul-06	10426.8	181.7	29.8	71.5
Maizex	EX 1263	16-Jul-06	18-Jul-06	10808.0	188.3	30.5	70.1
Maizex	EX 1265	16-Jul-06	19-Jul-06	10098.9	176.0	30.7	73.1

<b>R<sup>2</sup></b>	0.88	0.89	0.56	.	0.84	0.73
<b>CV</b>	0.48	0.48	11.64	.	7.41	2.04
<b>Root MSE</b>	0.97	0.96	1145.80	.	1.80	1.44
<b>Mean</b>	19-Jul-06	21-Jul-06	9840.30	.	24.35	70.64
<b>LSD (alpha = 0.05)</b>	1.62	1.62	1924.3	.	3.0	2.42

2006 Brooks Grain Trial

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/hl)
Pioneer	39M26	18-Jul-06	22-Jul-06	11453.9	199.6	23.3	71.2
Pioneer	39F45	11-Jul-06	15-Jul-06	10274.3	179.0	23.8	71.1
Hyland	HL R206	15-Jul-06	19-Jul-06	10829.5	188.7	24.3	69.6
Maizex	EX 1261	16-Jul-06	20-Jul-06	11212.6	195.4	24.5	69.0
Hyland	HL 2093	17-Jul-06	21-Jul-06	10886.7	189.7	24.8	69.0
Elite	30A27 RR	16-Jul-06	20-Jul-06	10350.9	180.4	25.1	68.6
Syngenta	N05-C7	19-Jul-06	21-Jul-06	11391.6	198.5	25.4	73.2
Pioneer	39P78	15-Jul-06	19-Jul-06	10309.6	179.7	25.7	72.6
Maizex	EX 1264	11-Jul-06	15-Jul-06	12215.5	212.9	26.1	68.8
Syngenta	N06-C1	16-Jul-06	20-Jul-06	12114.1	211.1	26.7	67.8
Hyland	Bixxio RR	17-Jul-06	21-Jul-06	11584.7	201.9	28.8	72.0
Maizex	EX 1263	18-Jul-06	21-Jul-06	13091.0	228.1	29.6	72.3
Maizex	MZ 115	17-Jul-06	21-Jul-06	11422.0	199.0	29.9	68.8
Maizex	EX 1265	15-Jul-06	19-Jul-06	11336.8	197.6	32.5	71.5
MTI Maize	6MA06	16-Jul-06	22-Jul-06	11552.3	201.3	33.4	73.0

<b>R<sup>2</sup></b>	0.91	0.90	0.54	.	0.69	0.79
<b>CV</b>	0.43	0.43	7.25	.	9.20	1.57
<b>Root MSE</b>	0.85	0.86	819.30	.	2.47	1.11
<b>Mean</b>	16-Jul-06	20-Jul-06	11305.26	.	26.86	70.53
<b>LSD (alpha = 0.05)</b>	1.23	1.24	1307.40	.	3.57	1.60



ALBERTA  
CORN  
COMMITTEE

2006 Bow Island Grain Trial

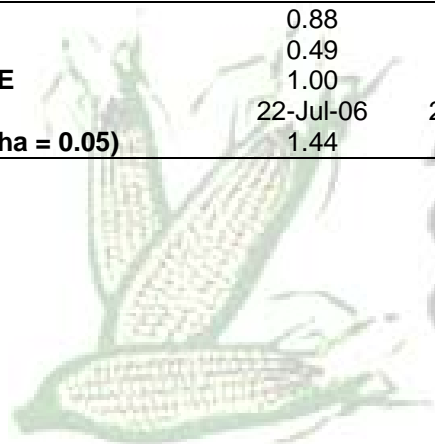
Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Pioneer	39P78	14-Jul-06	20-Jul-06	11014.7	191.9	21.1	73.6
Elite	30A27 RR	13-Jul-06	17-Jul-06	11268.3	196.4	22.5	70.8
Hyland	HL R206	12-Jul-06	18-Jul-06	10947.2	190.8	22.6	70.4
Maizex	EX 1264	8-Jul-06	12-Jul-06	11122.1	193.8	23.1	69.4
Pioneer	39F45	10-Jul-06	14-Jul-06	10608.7	184.9	23.4	72.5
Pioneer	39M26	17-Jul-06	21-Jul-06	11968.7	208.6	23.8	73.0
Syngenta	N06-C1	15-Jul-06	20-Jul-06	12609.9	219.7	25.1	68.6
Hyland	HL R208	17-Jul-06	21-Jul-06	11819.2	206.0	25.4	71.6
Hyland	HL 2093	16-Jul-06	20-Jul-06	11640.4	202.9	25.5	68.4
Syngenta	N05-C7	20-Jul-06	24-Jul-06	12596.0	219.5	25.8	73.4
Hyland	Baxxos RR	18-Jul-06	22-Jul-06	12673.1	220.8	27.7	73.3
Hyland	Bixxio RR	16-Jul-06	20-Jul-06	12008.3	209.3	28.2	70.9
Maizex	MZ 115	15-Jul-06	19-Jul-06	12712.1	221.5	29.0	68.5
Hyland	HL B209	19-Jul-06	23-Jul-06	11720.1	204.2	29.1	69.5
Fraser	CPL229RR	23-Jul-06	26-Jul-06	12391.5	215.9	29.8	67.8
Hyland	HL B16R	19-Jul-06	22-Jul-06	12826.9	223.5	30.2	74.3
MTI Maize	6MA06	16-Jul-06	21-Jul-06	12271.5	213.8	30.2	73.3
Maizex	EX 1263	17-Jul-06	21-Jul-06	12840.1	223.8	32.0	73.6
Maizex	EX 1265	16-Jul-06	20-Jul-06	12159.5	211.9	32.2	72.5
Fraser	CPL177RR	24-Jul-06	28-Jul-06	12023.8	209.5	35.6	70.3

<b>R2</b>	0.96	0.94	0.65	.	0.92	0.87
<b>CV</b>	0.47	0.50	5.01	.	5.06	1.32
<b>Root MSE</b>	0.93	1.02	598.79	.	1.37	0.94
<b>Mean</b>	16-Jul-06	20-Jul-06	11961.11	.	27.10	71.28
<b>LSD (alpha = 0.05)</b>	1.31	1.44	847.90	.	1.94	1.33

2006 Outlook, SK Grain Trial

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Hyland	HL 2093	24-Jul-06	28-Jul-06	5845.3	101.9	21.5	74.1
Elite	30A27 RR	23-Jul-06	27-Jul-06	6395.2	111.4	22.7	74.7
Maizex	EX 1264	17-Jul-06	23-Jul-06	7595.5	132.4	23.1	74.4
Monsanto	DKC26-78	22-Jul-06	25-Jul-06	7556.7	131.7	23.2	74.5
Syngenta	N05-C7	26-Jul-06	28-Jul-06	5536.2	96.5	23.4	75.9
Maizex	MZ 115	22-Jul-06	27-Jul-06	7198.8	125.4	26.2	70.5
Hyland	HL B209	25-Jul-06	29-Jul-06	5387.3	93.9	27.1	72.0
Syngenta	N06-C1	23-Jul-06	28-Jul-06	7287.8	127.0	27.9	69.1
Maizex	EX 1265	21-Jul-06	27-Jul-06	7843.8	136.7	28.2	72.0
MTI Maize	6MA06	22-Jul-06	28-Jul-06	7534.8	131.3	32.0	70.3
Maizex	EX 1263	22-Jul-06	28-Jul-06	7348.8	128.1	33.8	70.3

<b>R<sup>2</sup></b>	0.88	0.90	0.61	.	0.93	0.44
<b>CV</b>	0.49	0.34	13.74	.	4.76	4.22
<b>Root MSE</b>	1.00	0.70	943.46	.	1.25	3.06
<b>Mean</b>	22-Jul-06	27-Jul-06	6866.37	.	26.27	72.52
<b>LSD (alpha = 0.05)</b>	1.44	1.01	1362.5	.	1.81	4.42



ALBERTA  
CORN  
COMMITTEE