

ALBERTA CORN COMMITTEE

HYBRID TRIALS

2008



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Alberta Corn Committee

2008 Corn Hybrid Trials

Trials were seeded at Lethbridge (2326* CHU), Vauxhall (2359* CHU), Brooks (2353* CHU), Bow Island (2543** CHU), Outlook, SK (2072* 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 weather improved in mid-summer resulting in very good to excellent grain and silage yield. Lethbridge and Vauxhall suffered through 3 light hailstorms but data was still relatively consistent across replicates so the data was included in the report. Conditions at Outlook improved dramatically this year, and were most evident in the corn grain results where some hybrids exceeded 200 bushels per acre! We were fortunate to have a harvester provided by Pioneer for Lacombe that we retrofitted with an up-to-date weigh system. This has streamlined the harvest operation at Lacombe considerably and enhances the valuable data we collect from this site. Corn Heat Units, accumulated from 15 May, 2008 to the first kill frost (-2 degrees Celsius), were as follows: Lethbridge 2372 CHU, Vauxhall 2316 CHU, Outlook, SK 2376 CHU, Lacombe 1907 CHU, Brooks 2236 CHU and Bow Island 2499 CHU.

* 30 year average (1974 - 2004)

** 26 year average (1980 - 2004)

www.albertacorn.com

Invitation for Testing Corn Hybrids in 2009

This is the official notification inviting your company to participate in the Alberta corn hybrid performance trials. Please complete the attached Submission Form. The submission form, together with payment and seed of proposed entries, must be received no later than April 10th. Late arrivals risk exclusion from testing and forfeit of payment. Changes to information provided for use in reports must be received no later than October 1st. Changes after that date are at the discretion of the Hybrid Trial Coordinator, and are subject a fee of \$150 per item change.

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 2009 will be \$150.00 per hybrid per location
 Irrigated Grain Performance Trial..... \$150.00/location
 Irrigated Silage Performance Trial..... \$150.00/location

Visit 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 1st 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

Location of Test	Co-operator	Supervising Agency
Lethbridge & Vauxhall	Brian Beres Technical Support: Ryan Dyck Sheree Kendrick Steven Simmill Christine Vucurevich Darcy Cornelisse	Agriculture & Agri-Food Canada
Brooks & Bow Island	Manjula Bandara Technical Support: Art Kruger Dashnyam Byambatseren	AAFRD - Brooks
Outlook	Terry Hogg Technical Support: Don David	Agriculture & Agri-Food Canada
Lacombe	Brian Beres/Vern Baron Technical Support: Ryan Dyck Sheree Kendrick Steven Simmill Christine Vucurevich Darcy Cornelisse Dave Young Tanya Rowe	Agriculture & Agri-Food Canada



Industry Participants

Company	Hybrid Line	Contact	Phone
Brett Young Seeds	Elite	Rene Mabon	1-800-665-5015
Monsanto	DeKalb	Joe McNulty	(204) 985-1093
PICKSEED	PICKSEED	Jay Hackney	1-800-661-4769
Thompsons LTD	Hyland Seeds	Ryan Snobelen	1-800-265-7403
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
Croplan Genetics	Croplan Genetics	Ken Van Den Bosch	(778) 808-7371
Seeds 2000 Inc.	Seeds 2000	Carl Uytdehaag	(604) 866-7371
Prairie Pacific Seeds	Prairie Pacific	Alexis Arthur	(604) 319-0376
Caird Holdings	EXP	Ken Van Den Bosch	(778) 808-7371



Soil Profiles, Seeding, and Harvest

Location	Soil Type	Soil Zone	Seed Date Silage	Seed Date Grain	Harvest Silage	Harvest Grain
Lethbridge	Loam	Dark Brown	May 07/08	May 07/08	Oct 03/08	Oct 24/08
Vauxhall	Sandy Loam	Brown	May 08/08	May 08/08	Oct 2/08	Oct 23/08
Brooks	Silty Loam	Brown	May 13/08	May 13/08	Oct 03/08	Oct 28/08
Bow Island	Sandy	Brown	May 14/08	May 14/08	Oct 09/08	Oct 30/08
Lacombe	Silty Loam	Dark Brown	May 14/08	-	Oct 07/08	-
Outlook, SK	Clay Loam	Black	May 15/08	May 15/08	Sept 29/08	Oct 23/08



Crop Management Summary

Location	Fertilizer Amendments	Herbicides Used	Irrigation Applied
Lethbridge			
Grain/Silage	50 lb/ac 11-52-0	Eradicane 8E @ 3.4 l/Ac Cocktail: - Accent @ 10 g/Ac - Atrazine @ 300 ml/Ac - Banvel II @ 120 ml/Ac - Merge @ 325 ml/Ac	10.5" or 267mm
Vauxhall			
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 lm/Ac	10" or 254mm
Brooks			
Grain/Silage	34-17-0 560 kg/ha	Eradicane 8-E (EPTC) 3.0 L/ha Cocktail: - Accent @ 10 g/Ac - Atrazine @ 300 ml/Ac - Banvel II @ 120 ml/Ac - Merge @ 325 lm/Ac	11.00" or 280mm
Bow Island			
Grain/Silage	34-17-0 560 kg/ha	Eradicane 8-E (EPTC) 3.0 L/ha Basagran @ 700 ml/Ac	11.2" or 284mm
Lacombe			
Silage	60 lbs N (46-0-0)/Ac 60 lbs P (11-52-0)/Ac	Laddock @ 2.0 L/Ac - with Assist surfactant	n/a
Outlook, SK			
Grain/Silage	100 lbs N (46-0-0) /Ac 60 lbs P ₂ O ₅ /ac side band at seeding as 12-51-0 60 lbs K (60-0-0) /Ac	Accent Banvel II	14" or 355mm



2009 Alberta Corn Committee Silage Hybrid Performance List

Company	Hybrid	CHU Rating	Years	Yield (Tons/Ac Dry)	% of Pooled Mean	Whole Plant Moisture %	Average Anthesis
Pioneer	39F45	2000	38	6.0	82	59.7	22-Jul-08
Pioneer	39M26	2100	8	6.9	93	60.4	26-Jul-08
Syngenta	N05-C7	2200	19	7.0	96	60.1	28-Jul-08
Hyland	Baxxos RR	2300	16	7.6	102	63.1	28-Jul-08
Pioneer	39F57	2250	8	7.4	99	62.0	30-Jul-08
Pioneer	39D95	2300	8	6.8	91	62.2	30-Jul-08
Syngenta	N14-D8	2450	8	8.0	109	62.2	31-Jul-08
Elite	Fusion RR	2200	7	7.9	105	64.7	31-Jul-08
Pioneer	39K19	2450	8	7.3	99	68.1	31-Jul-08
Hyland	HL R219	2600	8	7.9	106	64.6	01-Aug-08
Seeds 2000	2781RR	2250	8	7.8	105	65.6	01-Aug-08
Maizex	LF 755RR	2350	12	8.2	110	65.6	01-Aug-08
Seeds 2000	2791RR	2250	12	8.0	109	66.0	01-Aug-08
Prairie Pacific	PP2146	2300	8	7.5	101	66.1	01-Aug-08
Elite	39C27 RR	2500	6	6.9	95	68.6	02-Aug-08
Pickseed	2517 RR	2450	5	7.8	105	68.2	03-Aug-08
Pioneer	38B11	2650	8	7.6	103	70.3	04-Aug-08
Hyland	HLS011	2300	28	7.7	104	67.6	06-Aug-08
Syngenta	N24-V8	2650	9	8.1	108	71.2	08-Aug-08



2008 Alberta Corn Committee Silage Hybrid Performance Averaged Over Locations

Company	Hybrid	Locations	Yield (Tonnes/Ac Dry)	% of Checks	Whole Plant Moisture %	Anthesis
Pioneer	39F45	6	5.3	81	60.3	24-Jul-08
Pioneer	X7W905	6	6.9	104	63.1	01-Aug-08
Pioneer	X7W907R	6	6.6	101	63.7	29-Jul-08
Pioneer	39M26	6	6.4	98	64.6	29-Jul-08
Syngenta	NXO587	1	6.2	105	64.7	01-Aug-08
Syngenta	N05-C7	5	6.1	96	65.2	01-Aug-08
Hyland	HL B18R	4	7.2	105	65.3	01-Aug-08
Hyland	HL2093	2	5.8	99	65.5	08-Aug-08
Maizex	EX0892	1	5.7	96	65.5	02-Aug-08
Pioneer	39D95	6	5.8	89	65.8	02-Aug-08
Pioneer	39F57	6	6.4	99	65.9	04-Aug-08
Elite	X2217	3	6.3	94	66.0	29-Jul-08
Pioneer	39B90	6	6.1	93	66.2	05-Aug-08
Pioneer	X8W600TR	6	6.6	102	66.3	01-Aug-08
Hyland	HLX 815 BtRR	2	6.3	109	66.7	07-Aug-08
Maizex	MZ 1261BR	3	6.4	94	67.1	27-Jul-08
Monsanto	DKC35-18	2	6.9	99	67.2	05-Aug-08
Hyland	HL R219	4	7.4	108	67.4	03-Aug-08
Maizex	EX0883	2	6.1	96	67.4	03-Aug-08
Syngenta	N14-D8	6	7.2	108	67.5	03-Aug-08
Hyland	Baxxos RR	6	6.2	95	67.7	02-Aug-08
Maizex	EX0804	2	6.2	98	67.8	01-Aug-08
Pioneer	39Z69	6	6.2	94	67.9	05-Aug-08
Caird Holdings	EXP 4057	2	6.5	102	68.1	01-Aug-08
Syngenta	NX0587	1	4.4	100	68.3	11-Aug-08
Maizex	LF 755RR	4	7.6	111	68.3	03-Aug-08
Elite	Fusion RR	5	6.9	98	68.5	04-Aug-08
Maizex	LF 728R	4	7.3	106	68.5	02-Aug-08
Pickseed	2501 RR	2	7.1	104	68.6	03-Aug-08
Seeds 2000	2781RR	5	7.6	109	68.9	03-Aug-08
Seeds 2000	2791RR	6	7.0	106	68.9	05-Aug-08
Pioneer	39B64	6	5.9	91	69.2	02-Aug-08
Croplan	2329BtRR	2	7.3	104	69.5	06-Aug-08
Pride	A4176BtRR	4	6.7	106	69.6	06-Aug-08
Maizex	LF 755Bt/RR	4	7.6	111	69.6	06-Aug-08
Prairie Pacific	PP2075	2	5.2	85	69.8	11-Aug-08
Prairie Pacific	PP2146	5	7.0	100	69.8	03-Aug-08
Monsanto	DKC35-15	2	6.6	94	69.8	04-Aug-08
Pioneer	38H08	4	8.0	117	69.9	07-Aug-08
Croplan	184BtRR	6	7.2	111	70.0	05-Aug-08
Pioneer	39B23	4	7.0	101	70.0	07-Aug-08
Monsanto	DKC27-45	6	6.0	91	70.2	02-Aug-08
Pioneer	39K19	5	6.9	99	70.3	03-Aug-08
Pride	A4705HMRR	4	6.7	106	70.6	07-Aug-08
Pickseed	2240 RR	1	4.2	96	70.7	15-Aug-08
Pickseed	25859 RR	2	6.7	100	70.8	04-Aug-08
Elite	39C27 RR	4	5.9	97	70.8	06-Aug-08
Croplan	238BtRR	2	7.1	98	70.9	07-Aug-08
Syngenta	N11K-GT	5	6.5	94	71.3	04-Aug-08
Caird Holdings	EXP 4077	1	6.6	91	71.4	03-Aug-08
Pickseed	SiEx BtRR	2	6.8	100	71.7	04-Aug-08
Hyland	HLS011	4	6.7	97	71.7	07-Aug-08
Hyland	HLS007	2	5.9	100	72.0	07-Aug-08
Pickseed	2517 RR	3	7.3	106	72.0	06-Aug-08
Caird Holdings	EXP 4950	1	6.4	83	72.1	04-Aug-08
Elite	Murano RR	4	8.2	118	72.2	31-Jul-08
Hyland	HL B24R	4	7.8	113	72.3	31-Jul-08
Pioneer	38B11	4	7.1	103	72.7	06-Aug-08
Hyland	HL SR06	2	5.5	91	73.3	07-Aug-08
Pickseed	ExPo RR	1	6.8	94	73.3	10-Aug-08
Mycogen	F27311	5	6.1	87	73.3	06-Aug-08
Hyland	HL B22R	6	7.0	108	73.3	07-Aug-08
Pickseed	2774 BtRR	1	6.6	91	73.8	08-Aug-08
Pickseed	2538RR	1	6.9	96	73.9	06-Aug-08
Mycogen	2Q296	5	7.4	107	74.1	27-Jul-08
Pickseed	2594 RR	1	7.7	106	74.6	07-Aug-08
Prairie Pacific	PP2147	2	6.4	94	74.7	08-Aug-08
Syngenta	N24-V8	1	7.6	106	74.7	12-Aug-08
Mycogen	2L416	1	7.7	107	75.5	12-Aug-08



2008 Alberta Corn Committee – Lacombe Multi-Year Silage Data

Company	Hybrid	Years	Yield (Tons/Ac Dry)	% of Pooled Mean	Whole Plant Moisture %	Average Anthesis
Pioneer	39F45	5	4.6	93	70.0	01-Aug-08
Pioneer	X7W907R	1	5.2	106	70.8	05-Aug-08
Hyland	HLX 815 BtRR	1	5.5	113	71.2	09-Aug-08
Hyland	HL2093	4	4.4	93	71.6	09-Aug-08
Pioneer	39F57	2	5.0	103	72.5	06-Aug-08
Seeds 2000	2791RR	1	4.9	100	73.5	11-Aug-08
Pioneer	39B90	1	4.6	95	73.7	12-Aug-08
Pioneer	39D95	2	4.7	97	74.0	09-Aug-08
Pioneer	39B64	1	4.6	94	74.1	05-Aug-08
Syngenta	N05-C7	5	4.7	95	74.3	08-Aug-08
Pride	A4176BtRR	1	5.2	106	74.3	11-Aug-08
Hyland	Baxxos RR	3	5.1	102	74.9	09-Aug-08
Croplan	184BtRR	1	5.6	115	75.1	10-Aug-08
Syngenta	NX0587	1	4.9	100	75.1	09-Aug-08
Prairie Pacific	PP2075	1	3.5	71	75.3	13-Aug-08
Pioneer	39M26	2	4.7	96	75.4	05-Aug-08
Pioneer	X8W600TR	1	5.0	103	75.5	10-Aug-08
Pioneer	X7W905	1	4.8	99	75.9	12-Aug-08
Elite	39C27 RR	2	5.5	114	76.1	09-Aug-08
Pickseed	2240 RR	2	4.8	98	76.3	09-Aug-08
Pride	A4705HMRR	1	4.9	101	76.4	14-Aug-08
Hyland	HLS007	4	4.3	89	77.0	09-Aug-08
Pioneer	39Z69	1	4.3	89	77.5	13-Aug-08
Monsanto	DKC27-45	1	3.9	80	77.8	10-Aug-08
Syngenta	N14-D8	2	4.9	98	78.3	09-Aug-08
Hyland	HL SR06	2	4.3	86	78.8	09-Aug-08
Hyland	HL B22R	1	5.0	103	79.0	11-Aug-08



2008 Alberta Corn Committee - Outlook Multi-Year Silage Data

Company	Hybrid	Years	Yield (Tons/Ac Dry)	% of Pooled Mean	Whole Plant Moisture %	Average Anthesis
Pioneer	39F45	6	5.8	90	58.3	26-Jul-08
Hyland	HL2093	3	6.6	99	63.2	30-Jul-08
Pioneer	39F57	2	7.0	105	65.4	03-Aug-08
Syngenta	N05-C7	5	6.7	100	66.8	31-Jul-08
Pioneer	39D95	2	6.0	91	67.1	02-Aug-08
Pioneer	X7W907R	1	7.2	108	67.6	27-Jul-08
Pioneer	39M26	2	7.6	115	67.6	28-Jul-08
Pioneer	X7W905	1	6.7	100	67.8	29-Jul-08
Hyland	HLX 815 BtRR	1	7.0	105	67.9	02-Aug-08
Hyland	Baxxos RR	3	6.8	102	68.3	30-Jul-08
Pioneer	X8W600TR	1	6.7	100	69.1	29-Jul-08
Elite	X2217	1	7.0	106	69.2	30-Jul-08
Pioneer	39Z69	1	6.1	91	69.8	03-Aug-08
Elite	Fusion RR	2	6.7	101	69.9	02-Aug-08
Pioneer	39B90	1	5.3	80	70.1	05-Aug-08
Seeds 2000	2781RR	1	7.1	107	70.2	05-Aug-08
Pioneer	39B64	1	6.1	92	70.2	02-Aug-08
Prairie Pacific	PP2146	2	6.9	104	70.3	04-Aug-08
Pioneer	39K19	2	6.5	97	70.3	03-Aug-08
Prairie Pacific	PP2075	1	6.6	99	70.3	06-Aug-08
Pride	A4176BtRR	1	6.7	101	70.6	04-Aug-08
Monsanto	DKC27-45	1	7.0	105	70.6	30-Jul-08
Syngenta	N14-D8	2	7.5	113	70.7	03-Aug-08
Seeds 2000	2791RR	1	6.4	96	71.0	04-Aug-08
Hyland	HLS007	6	6.3	95	71.4	30-Jul-08
Pride	A4705HMRR	1	7.9	119	71.4	03-Aug-08
Croplan	184BtRR	1	6.3	95	71.7	05-Aug-08
Hyland	HL SR06	2	6.2	93	72.2	31-Jul-08
Syngenta	N11K-GT	1	6.4	97	73.3	04-Aug-08
Hyland	HL B22R	1	6.7	102	76.7	07-Aug-08



2008 Corn Hybrid Silage Results for Lethbridge, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
LETHBRIDGE	YIELD	0.60	12.24	1.67	13.62	2.34
LETHBRIDGE	ANTHESIS	0.91	0.57	1.22	215.88	1.71
LETHBRIDGE	SILKING	0.91	0.54	1.18	217.70	1.65
LETHBRIDGE	MOISTURE	0.61	4.98	3.42	68.56	4.77

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39M26	27-Jul-08	29-Jul-08	12.8	58.3
Pioneer	X7W905	30-Jul-08	1-Aug-08	13.5	59.6
Pioneer	X7W907R	28-Jul-08	30-Jul-08	13.0	61.5
Syngenta	N05-C7	29-Jul-08	31-Jul-08	12.3	62.4
Pioneer	39D95	03-Aug-08	5-Aug-08	10.6	63.0
Elite	X2217	31-Jul-08	2-Aug-08	12.4	64.5
Syngenta	NXO587	01-Aug-08	4-Aug-08	13.9	64.7
Pioneer	39B90	02-Aug-08	4-Aug-08	12.9	64.8
Maizex	MZ 1261BR	30-Jul-08	1-Aug-08	12.7	64.8
Pioneer	39F57	02-Aug-08	4-Aug-08	12.9	65.0
Maizex	EX0892	02-Aug-08	4-Aug-08	12.7	65.5
Pioneer	X8W600TR	01-Aug-08	3-Aug-08	13.6	66.3
Pickseed	2501 RR	01-Aug-08	3-Aug-08	14.3	66.9
Maizex	EX0883	04-Aug-08	7-Aug-08	14.0	67.3
Syngenta	N14-D8	01-Aug-08	3-Aug-08	14.6	67.7
Maizex	LF 728R	01-Aug-08	3-Aug-08	15.2	67.9
Hyland	HL B18R	01-Aug-08	3-Aug-08	14.8	68.0
Pioneer	39Z69	04-Aug-08	6-Aug-08	10.8	68.2
Seeds 2000	2791RR	02-Aug-08	3-Aug-08	15.1	68.2
Seeds 2000	2781RR	01-Aug-08	3-Aug-08	15.4	68.4
Hyland	HL R219	03-Aug-08	3-Aug-08	13.9	68.4
Pioneer	39F45	22-Jul-08	24-Jul-08	8.7	68.4
Monsanto	DKC27-45	31-Jul-08	2-Aug-08	12.9	68.5
Hyland	Baxxos RR	02-Aug-08	4-Aug-08	13.7	68.8
Pickseed	25859 RR	03-Aug-08	6-Aug-08	14.1	69.0
Pioneer	39B64	01-Aug-08	3-Aug-08	12.3	69.1
Elite	Fusion RR	02-Aug-08	4-Aug-08	13.5	69.1
Prairie Pacific	PP2146	01-Aug-08	3-Aug-08	13.1	69.1
Maizex	LF 755RR	03-Aug-08	3-Aug-08	14.7	69.3
Pride	A4176BtRR	02-Aug-08	4-Aug-08	15.5	69.3
Pride	A4705HMRR	04-Aug-08	2-Aug-08	14.0	69.5
Pioneer	39K19	03-Aug-08	5-Aug-08	13.9	69.6
Croplan	184BtRR	01-Aug-08	3-Aug-08	16.7	69.7
Pickseed	SiEx BtRR	02-Aug-08	3-Aug-08	13.7	69.9
Maizex	LF 755Bt/RR	04-Aug-08	6-Aug-08	15.4	70.2
Caird Holdings	EXP 4057	02-Aug-08	4-Aug-08	13.7	70.5
Pioneer	39B23	06-Aug-08	8-Aug-08	13.6	70.8
Maizex	EX0804	02-Aug-08	4-Aug-08	13.7	70.9
Pioneer	38H08	08-Aug-08	10-Aug-08	17.1	71.0
Syngenta	N11K-GT	04-Aug-08	6-Aug-08	12.7	72.0
Elite	39C27 RR	05-Aug-08	7-Aug-08	10.6	72.1
Hyland	HL S011	08-Aug-08	10-Aug-08	12.6	72.7
Elite	Murano RR	08-Aug-08	10-Aug-08	15.3	72.9
Pickseed	2517 RR	06-Aug-08	8-Aug-08	14.5	73.0
Hyland	HL B24R	07-Aug-08	9-Aug-08	14.6	73.0
Pioneer	38B11	06-Aug-08	08-Aug-08	13.3	73.2
Hyland	HL B22R	05-Aug-08	07-Aug-08	16.4	73.6
Prairie Pacific	PP2147	08-Aug-08	10-Aug-08	12.5	74.8

* Lower yields reported due to light hailstorm damage



2008 Corn Hybrid Silage Results for Vauxhall, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
VAUXHALL	YIELD	0.67	10.61	1.65	15.58	2.34
VAUXHALL	ANTHESIS	0.97	0.46	0.98	213.68	1.37
VAUXHALL	SILKING	0.96	0.47	1.02	215.64	1.43
VAUXHALL	MOISTURE	0.72	3.10	2.01	64.83	2.81

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	20-Jul-08	22-Jul-08	11.1	56.5
Pioneer	X7W905	26-Jul-08	28-Jul-08	16.9	59.5
Pioneer	X7W907R	25-Jul-08	28-Jul-08	14.6	59.7
Syngenta	N05-C7	26-Jul-08	28-Jul-08	12.6	60.9
Pioneer	39M26	24-Jul-08	26-Jul-08	13.9	61.4
Pioneer	X8W600TR	27-Jul-08	29-Jul-08	15.8	61.9
Syngenta	N14-D8	27-Jul-08	29-Jul-08	17.6	62.1
Pioneer	39F57	31-Jul-08	02-Aug-08	13.8	62.6
Seeds 2000	2791RR	29-Jul-08	31-Jul-08	18.7	62.9
Hyland	HL R219	30-Jul-08	01-Aug-08	15.8	62.9
Elite	Fusion RR	04-Aug-08	06-Aug-08	14.7	63.0
Elite	X2217	25-Jul-08	28-Jul-08	12.7	63.3
Hyland	HL B18R	27-Jul-08	29-Jul-08	16.1	63.4
Pioneer	39B90	02-Aug-08	04-Aug-08	13.6	63.4
Pioneer	39D95	26-Jul-08	28-Jul-08	13.2	64.0
Hyland	Baxxos RR	26-Jul-08	28-Jul-08	14.1	64.2
Maizex	LF 755Bt/RR	06-Aug-08	08-Aug-08	19.1	64.3
Monsanto	DKC35-18	04-Aug-08	05-Aug-08	15.8	64.4
Pioneer	39K19	02-Aug-08	04-Aug-08	16.2	64.8
Croplan	184BtRR	31-Jul-08	02-Aug-08	18.1	64.8
Maizex	EX0804	01-Aug-08	02-Aug-08	14.2	64.8
Prairie Pacific	PP2146	29-Jul-08	31-Jul-08	15.1	64.9
Seeds 2000	2781RR	02-Aug-08	03-Aug-08	15.6	65.0
Pioneer	39B23	07-Aug-08	09-Aug-08	16.1	65.0
Maizex	LF 755RR	31-Jul-08	01-Aug-08	17.1	65.1
Maizex	MZ 1261BR	25-Jul-08	27-Jul-08	14.4	65.3
Pioneer	39B64	29-Jul-08	31-Jul-08	14.6	65.5
Caird Holdings	EXP 4057	31-Jul-08	02-Aug-08	15.4	65.7
Pioneer	39Z69	31-Jul-08	02-Aug-08	16.4	65.7
Maizex	LF 728R	31-Jul-08	02-Aug-08	15.8	65.8
Pioneer	38H08	06-Aug-08	08-Aug-08	18.7	65.9
Syngenta	N11K-GT	01-Aug-08	03-Aug-08	15.6	66.2
Monsanto	DKC27-45	26-Jul-08	28-Jul-08	12.9	66.3
Croplan	2329BtRR	05-Aug-08	07-Aug-08	16.1	67.2
Hyland	HL S011	06-Aug-08	08-Aug-08	16.2	67.3
Maizex	EX0883	02-Aug-08	04-Aug-08	13.2	67.5
Monsanto	DKC35-15	02-Aug-08	04-Aug-08	14.8	67.7
Pioneer	38B11	06-Aug-08	08-Aug-08	17.2	67.8
Croplan	238BtRR	06-Aug-08	08-Aug-08	15.5	67.9
Elite	39C27 RR	03-Aug-08	06-Aug-08	15.2	68.3
Hyland	HL B24R	08-Aug-08	09-Aug-08	18.8	68.5
Elite	Murano RR	07-Aug-08	09-Aug-08	17.9	69.0
Hyland	HL B22R	05-Aug-08	07-Aug-08	18.1	69.6

* Lower yields reported due to light hailstorm damage



2008 Corn Hybrid Silage Results for Brooks, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean
BROOKS SILAGE	YIELD	0.61	8.79	1.49	16.96
BROOKS SILAGE	ANTHESIS	0.91	0.66	1.43	217.83
BROOKS SILAGE	SILKING	0.85	0.61	1.34	219.55
BROOKS SILAGE	MOISTURE	0.64	3.89	2.75	70.70

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	22-Jul-08	28-Jul-08	16.1	63.4
Pioneer	X7W905	01-Aug-08	04-Aug-08	18.8	64.5
Syngenta	N05-C7	31-Jul-08	04-Aug-08	15.7	65.9
Hyland	HL B18R	30-Jul-08	03-Aug-08	17.9	66.2
Pioneer	X8W600TR	31-Jul-08	04-Aug-08	16.1	66.5
Pioneer	X7W907R	29-Jul-08	03-Aug-08	18.1	66.5
Syngenta	N14-D8	04-Aug-08	05-Aug-08	19.2	66.7
Pioneer	39M26	29-Jul-08	03-Aug-08	15.9	66.8
Pioneer	39B90	03-Aug-08	06-Aug-08	17.7	67.4
Pioneer	39Z69	04-Aug-08	06-Aug-08	17.4	68.0
Maizex	LF 755RR	06-Aug-08	06-Aug-08	19.4	68.4
Pioneer	39D95	02-Aug-08	04-Aug-08	15.9	68.4
Seeds 2000	2781RR	03-Aug-08	04-Aug-08	19.5	68.6
Hyland	HL R219	05-Aug-08	05-Aug-08	18.3	68.9
Elite	Fusion RR	06-Aug-08	06-Aug-08	18.3	69.3
Pioneer	39F57	04-Aug-08	05-Aug-08	16.9	69.6
Hyland	Baxxos RR	02-Aug-08	05-Aug-08	16.5	69.6
Pride	A4176BtRR	03-Aug-08	06-Aug-08	17.2	70.1
Pickseed	2501 RR	06-Aug-08	05-Aug-08	17.3	70.4
Maizex	LF 728R	05-Aug-08	06-Aug-08	18.1	70.9
Pioneer	38H08	09-Aug-08	10-Aug-08	17.7	71.1
Monsanto	DKC27-45	01-Aug-08	04-Aug-08	16.9	71.2
Maizex	MZ 1261BR	28-Jul-08	03-Aug-08	16.0	71.3
Pride	A4705HMRR	05-Aug-08	04-Aug-08	16.8	71.3
Pickseed	2517 RR	07-Aug-08	08-Aug-08	17.9	71.6
Seeds 2000	2791RR	06-Aug-08	05-Aug-08	18.0	71.7
Maizex	LF 755Bt/RR	08-Aug-08	07-Aug-08	17.2	71.7
Croplan	184BtRR	06-Aug-08	05-Aug-08	17.4	72.0
Caird Holdings	EXP 4950	04-Aug-08	08-Aug-08	14.3	72.1
Prairie Pacific	PP2146	06-Aug-08	06-Aug-08	17.1	72.5
Hyland	HL B22R	07-Aug-08	09-Aug-08	17.3	72.6
Pioneer	39B23	07-Aug-08	08-Aug-08	15.8	72.7
Pickseed	25859 RR	06-Aug-08	07-Aug-08	16.0	72.7
Hyland	HL S011	09-Aug-08	10-Aug-08	15.9	72.9
Pioneer	39K19	05-Aug-08	07-Aug-08	15.7	73.0
Elite	Murano RR	10-Aug-08	10-Aug-08	19.5	73.3
Pickseed	SiEx BtRR	06-Aug-08	06-Aug-08	16.7	73.5
Pioneer	39B64	05-Aug-08	05-Aug-08	15.0	73.5
Syngenta	N11K-GT	05-Aug-08	09-Aug-08	14.1	73.7
Croplan	238BtRR	09-Aug-08	10-Aug-08	16.1	73.9
Elite	39C27 RR	07-Aug-08	09-Aug-08	15.4	74.2
Prairie Pacific	PP2147	08-Aug-08	09-Aug-08	16.1	74.7
Hyland	HL B24R	10-Aug-08	10-Aug-08	18.5	74.8
Pioneer	38B11	05-Aug-08	07-Aug-08	16.9	75.1

2008 Bow Island Silage Trial

2008 Corn Hybrid Silage Results for Bow Island, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
BOW ISLAND	YIELD	0.66	8.45	1.35	16.02	1.89
BOW ISLAND	ANTHESIS	0.50	1.94	4.23	218.26	5.91
BOW ISLAND	SILKING	0.55	1.26	2.79	220.85	3.90
BOW ISLAND	MOISTURE	0.86	3.46	2.41	69.65	3.37

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	30-Jul-08	04-Aug-08	11.8	57.1
Pioneer	X7W905	29-Jul-08	03-Aug-08	16.8	57.8
Pioneer	39M26	28-Jul-08	02-Aug-08	15.4	61.3
Pioneer	X7W907R	28-Jul-08	03-Aug-08	15.4	61.6
Hyland	Baxxos RR	01-Aug-08	04-Aug-08	14.3	62.1
Pioneer	39D95	31-Jul-08	06-Aug-08	15.8	62.3
Pioneer	39F57	02-Aug-08	06-Aug-08	16.5	62.9
Hyland	HL B18R	08-Aug-08	05-Aug-08	15.7	63.8
Pioneer	39B90	03-Aug-08	07-Aug-08	15.1	64.0
Pioneer	39Z69	03-Aug-08	07-Aug-08	15.1	64.3
Pioneer	X8W600TR	30-Jul-08	05-Aug-08	17.2	64.4
Syngenta	N14-D8	03-Aug-08	06-Aug-08	17.2	65.1
Pioneer	39B64	02-Aug-08	05-Aug-08	13.8	68.8
Hyland	HL R219	06-Aug-08	06-Aug-08	18.7	69.4
Maizex	LF 728R	03-Aug-08	06-Aug-08	16.3	69.6
Elite	Fusion RR	04-Aug-08	07-Aug-08	15.6	69.7
Prairie Pacific	PP2146	03-Aug-08	05-Aug-08	16.3	69.9
Monsanto	DKC35-18	06-Aug-08	09-Aug-08	15.3	70.1
Syngenta	N11K-GT	05-Aug-08	10-Aug-08	14.7	70.4
Maizex	LF 755RR	04-Aug-08	05-Aug-08	17.2	70.5
Caird Holdings	EXP 4077	03-Aug-08	08-Aug-08	14.7	71.4
Seeds 2000	2781RR	03-Aug-08	06-Aug-08	17.0	71.4
Pickseed	2517 RR	07-Aug-08	10-Aug-08	16.7	71.5
Pioneer	38H08	08-Aug-08	11-Aug-08	18.2	71.6
Pioneer	39B23	08-Aug-08	10-Aug-08	16.8	71.8
Croplan	2329BtRR	07-Aug-08	09-Aug-08	16.5	71.9
Monsanto	DKC35-15	07-Aug-08	10-Aug-08	14.7	72.0
Seeds 2000	2791RR	05-Aug-08	06-Aug-08	16.2	72.3
Pioneer	39K19	04-Aug-08	10-Aug-08	16.3	72.3
Maizex	LF 755Bt/RR	07-Aug-08	07-Aug-08	16.6	72.4
Croplan	184BtRR	04-Aug-08	06-Aug-08	17.5	72.6
Hyland	HL B24R	08-Aug-08	09-Aug-08	18.0	72.9
Monsanto	DKC27-45	06-Aug-08	04-Aug-08	13.1	72.9
Pickseed	ExPo RR	10-Aug-08	08-Aug-08	15.3	73.3
Elite	Murano RR	09-Aug-08	11-Aug-08	20.4	73.7
Pickseed	2774 BtRR	08-Aug-08	11-Aug-08	14.7	73.8
Pickseed	2538RR	06-Aug-08	08-Aug-08	15.5	73.9
Hyland	HL S011	06-Aug-08	08-Aug-08	15.2	74.1
Pickseed	2594 RR	07-Aug-08	10-Aug-08	17.2	74.6
Pioneer	38B11	08-Aug-08	11-Aug-08	16.5	74.7
Hyland	HL B22R	06-Aug-08	10-Aug-08	15.8	74.7
Syngenta	N24-V8	12-Aug-08	09-Aug-08	17.1	74.7



2008 Outlook Silage Trial

2008 Corn Hybrid Silage Results for Outlook, SK.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
OUTLOOK SILAGE	YIELD	0.51	10.61	1.72	16.18	2.43
OUTLOOK SILAGE	ANTHESIS	0.93	0.61	1.31	217.24	1.86
OUTLOOK SILAGE	SILKING	0.90	0.59	1.30	221.98	1.84
OUTLOOK SILAGE	MOISTURE	0.87	2.27	1.61	71.08	2.28

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	21-Jul-08	29-Jul-08	13.4	57.6
Hyland	HL 2093	02-Aug-08	07-Aug-08	16.4	67.4
Pioneer	39F57	05-Aug-08	08-Aug-08	16.2	68.0
Syngenta	N05-C7	03-Aug-08	06-Aug-08	17.6	68.5
Pioneer	X7W907R	29-Jul-08	06-Aug-08	17.6	68.5
Pioneer	X7W905	31-Jul-08	06-Aug-08	16.3	68.7
Hyland	HLX 815 BtRR	04-Aug-08	08-Aug-08	17.1	68.8
Pioneer	39D95	04-Aug-08	09-Aug-08	13.4	69.6
Pioneer	X8W600TR	31-Jul-08	07-Aug-08	16.3	70.1
Pioneer	39M26	31-Jul-08	06-Aug-08	18.7	70.2
Elite	X2217	01-Aug-08	07-Aug-08	17.2	70.2
Pioneer	39Z69	05-Aug-08	09-Aug-08	14.8	70.8
Hyland	Baxxos RR	02-Aug-08	07-Aug-08	16.2	71.0
Pioneer	39B90	07-Aug-08	11-Aug-08	13.0	71.1
Pioneer	39B64	04-Aug-08	07-Aug-08	14.9	71.2
Seeds 2000	2781RR	07-Aug-08	09-Aug-08	17.4	71.2
Prairie Pacific	PP2075	08-Aug-08	11-Aug-08	16.1	71.3
Pride	A4176BtRR	06-Aug-08	09-Aug-08	16.4	71.6
Monsanto	DKC27-45	01-Aug-08	06-Aug-08	17.0	71.6
Pioneer	39K19	05-Aug-08	13-Aug-08	14.7	71.8
Elite	Fusion RR	06-Aug-08	10-Aug-08	14.8	71.8
Syngenta	N14-D8	06-Aug-08	09-Aug-08	18.6	71.9
Seeds 2000	2791RR	06-Aug-08	08-Aug-08	15.6	72.0
Pride	A4705HMRR	05-Aug-08	07-Aug-08	19.3	72.4
Croplan	184BtRR	07-Aug-08	09-Aug-08	15.5	72.7
Prairie Pacific	PP2146	07-Aug-08	09-Aug-08	16.3	72.8
Hyland	HL SR06	01-Aug-08	09-Aug-08	16.7	72.9
Hyland	HL S007	01-Aug-08	08-Aug-08	17.3	73.4
Syngenta	N11K-GT	06-Aug-08	13-Aug-08	15.7	74.3
Hyland	HL B22R	09-Aug-08	14-Aug-08	16.5	77.8



2008 Lacombe Silage Trial

2008 Corn Hybrid Silage Results for Lacombe, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
LACOMBE	YIELD	0.51	12.63	1.22	9.69	1.73
LACOMBE	ANTHESIS	0.87	0.62	1.39	225.18	1.96
LACOMBE	SILKING	0.87	0.60	1.36	227.15	1.91
LACOMBE	MOISTURE	0.69	3.35	2.29	68.32	3.22

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	02-Aug-08	05-Aug-08	9.7	59.1
Hyland	HL 2093	15-Aug-08	18-Aug-08	9.7	63.6
Pioneer	X7W907R	07-Aug-08	09-Aug-08	10.5	64.4
Hyland	HLX 815 BtRR	11-Aug-08	12-Aug-08	11.2	64.7
Seeds 2000	2791RR	13-Aug-08	15-Aug-08	9.9	66.8
Pioneer	39B90	14-Aug-08	16-Aug-08	9.4	67.0
Pioneer	39F57	11-Aug-08	13-Aug-08	10.3	67.4
Pioneer	39B64	07-Aug-08	09-Aug-08	9.3	67.4
Pride	A4176BtRR	13-Aug-08	15-Aug-08	10.5	67.5
Pioneer	39D95	12-Aug-08	14-Aug-08	9.6	67.7
Croplan	184BtRR	12-Aug-08	14-Aug-08	11.4	68.3
Syngenta	NX0587	11-Aug-08	13-Aug-08	9.9	68.3
Prairie Pacific	PP2075	15-Aug-08	17-Aug-08	7.0	68.4
Elite	39C27 RR	11-Aug-08	13-Aug-08	11.7	68.6
Pioneer	X8W600TR	12-Aug-08	14-Aug-08	10.2	68.6
Syngenta	N05-C7	11-Aug-08	13-Aug-08	10.5	68.6
Pioneer	X7W905	14-Aug-08	16-Aug-08	9.8	69.0
Pride	A4705HMRR	16-Aug-08	18-Aug-08	10.0	69.4
Pioneer	39M26	07-Aug-08	09-Aug-08	9.6	69.7
Pioneer	39Z69	15-Aug-08	16-Aug-08	8.8	70.4
Hyland	Baxxos RR	14-Aug-08	16-Aug-08	8.9	70.6
Hyland	HL S007	14-Aug-08	16-Aug-08	9.2	70.6
Pickseed	2240 RR	15-Aug-08	17-Aug-08	9.5	70.7
Monsanto	DKC27-45	12-Aug-08	13-Aug-08	7.9	70.7
Hyland	HL B22R	13-Aug-08	16-Aug-08	10.2	71.8
Syngenta	N14-D8	11-Aug-08	12-Aug-08	9.1	72.0
Hyland	HL SR06	13-Aug-08	15-Aug-08	7.9	73.8



2009 Alberta Corn Committee Grain Hybrid Performance List

Company	Hybrid	CHU Rating	Location Years	Yield (bu/ac)	% of Pooled		Test Weight	
					Mean	% Moisture	(lb/bu)	Anthesis
Pioneer	39F45	2000	36	104.4	94	24.5	57.1	21-Jul-08
Pioneer	39M26	2100	13	117.5	106	25.8	55.3	25-Jul-08
Hyland	HL2093	2300	43	113.0	100	26.1	52.9	26-Jul-08
Hyland	HL R208	2275	11	116.7	103	26.8	53.4	26-Jul-08
Syngenta	N05-C7	2200	19	113.0	99	27.3	55.7	26-Jul-08
Syngenta	N06-C1	2250	13	120.6	107	29.1	51.3	25-Jul-08
Croplan	229BtRR	2300	7	117.0	104	32.0	49.8	31-Jul-08
Prairie Pacific	PP2146	2300	6	117.1	103	32.6	52.1	30-Jul-08
Seeds 2000	2781RR	2250	7	113.9	100	33.0	52.4	30-Jul-08



2008 Alberta Corn Committee Grain Hybrid Performance Averaged Over Locations

Company	Hybrid	Locations	Yield (bu/ac)	Yield (% Checks)	Moisture %	TWT (kg/hl)	Anthesis
Pioneer	39F45	5	104.0	87	24.8	72.8	21-Jul-08
Pioneer	X7W907R	5	134.0	114	25.7	67.3	26-Jul-08
Maizex	MZ 1272R	3	103.2	104	26.3	70.6	21-Jul-08
Pickseed	2230 RR	3	112.3	98	26.6	62.5	28-Jul-08
Pioneer	39M26	5	134.6	114	29.0	68.4	26-Jul-08
Hyland	HL R208	5	134.6	110	29.1	67.2	27-Jul-08
Pioneer	X7W905	5	138.9	114	29.5	62.9	27-Jul-08
Maizex	MZ 1261BR	3	106.6	107	30.1	62.8	26-Jul-08
Monsanto	DKC27-32	5	134.8	113	30.3	67.5	26-Jul-08
Hyland	HL2093	5	107.7	88	30.7	65.1	28-Jul-08
Syngenta	N05-C7	5	116.4	97	30.7	71.3	28-Jul-08
Pioneer	39B90	5	113.8	95	31.0	64.7	01-Aug-08
Pioneer	39B64	5	114.1	96	31.4	65.2	30-Jul-08
Pickseed	2272 BtRR	1	112.5	93	31.7	62.1	30-Jul-08
Syngenta	N06-C1	4	123.1	107	32.2	64.6	26-Jul-08
Monsanto	DKC26-79	5	131.1	107	32.3	66.3	27-Jul-08
Pioneer	39Z69	5	118.5	99	32.3	62.4	02-Aug-08
Pioneer	39D95	5	128.2	108	32.6	63.0	29-Jul-08
Pickseed	2240 RR	3	120.4	106	34.1	65.3	29-Jul-08
Syngenta	NO6-C1	1	143.0	105	34.7	57.7	28-Jul-08
Syngenta	NXO587	5	128.7	109	34.7	66.6	30-Jul-08
Syngenta	N14D-CB/LL	5	144.1	121	35.4	67.2	01-Aug-08
Hyland	HL B14R	5	107.7	90	35.7	63.4	30-Jul-08
Pickseed	SiEx BtRR	1	105.8	87	35.8	58.2	02-Aug-08
Pioneer	X8W600TR	5	120.5	101	36.0	62.3	29-Jul-08
Caird Holdings	EXP 4950	2	95.2	82	36.0	55.8	30-Jul-08
Croplan	229BtRR	4	108.0	100	36.9	56.7	03-Aug-08
Syngenta	N15A-GT	1	105.4	87	37.5	55.7	06-Aug-08
Elite	Fusion RR	2	75.9	86	38.0	61.6	01-Aug-08
Prairie Pacific	PP2146	2	118.8	92	38.3	61.2	03-Aug-08
Syngenta	NXO997	5	121.4	103	38.6	64.3	01-Aug-08
Seeds 2000	2781RR	5	116.9	96	39.0	64.7	02-Aug-08
Prairie Pacific	PP2075	5	104.2	88	39.4	62.8	05-Aug-08
Seeds 2000	2791RR	3	115.0	100	39.8	60.4	02-Aug-08
Croplan	184BtRR	2	109.1	102	40.9	61.2	03-Aug-08
Caird Holdings	EXP 4057	1	74.4	81	41.4	61.7	31-Jul-08



2008 Alberta Corn Committee Grain Hybrid Performance - Outlook Multi-Year Data

Company	Hybrid	Years	Yield (bu/ac)	Yield (% Checks)	Moisture %	TWT (kg/hl)	Anthesis
Pioneer	39F45	3	111.8	84	25.1	75.7	21-Jul-08
Pioneer	X7W905	1	170.4	127	26.8	67.1	24-Jul-08
Hyland	HL2093	5	133.3	100	28.2	70.3	29-Jul-08
Hyland	HL R208	2	147.1	108	29.3	70.1	29-Jul-08
Monsanto	DKC26-79	1	156.2	117	29.8	72.1	27-Jul-08
Pioneer	39M26	2	137.1	102	30.3	72.5	27-Jul-08
Pioneer	X7W907R	1	137.8	103	30.6	69.9	26-Jul-08
Syngenta	N05-C7	4	127.9	95	30.8	73.6	29-Jul-08
Pioneer	39B64	1	118.3	88	31.7	69.9	30-Jul-08
Pioneer	39B90	1	121.6	91	31.8	66.7	02-Aug-08
Syngenta	NXO587	1	130.1	97	32.0	70.8	31-Jul-08
Monsanto	DKC27-32	1	142.5	107	32.2	69.2	27-Jul-08
Pioneer	39D95	1	135.1	101	32.9	66.0	30-Jul-08
Pioneer	39Z69	1	130.6	98	32.9	65.0	02-Aug-08
Pioneer	X8W600TR	1	141.5	106	33.2	65.6	28-Jul-08
Syngenta	N06-C1	3	145.6	110	33.4	66.8	27-Jul-08
Hyland	HL B14R	1	110.6	83	34.0	70.4	30-Jul-08
Syngenta	NXO997	1	119.5	89	34.8	72.1	01-Aug-08
Syngenta	N14D-CB/LL	1	147.2	110	35.1	72.3	02-Aug-08
Seeds 2000	2781RR	1	137.5	103	36.3	69.2	03-Aug-08
Prairie Pacific	PP2075	1	110.5	82	37.9	66.2	05-Aug-08



2008 Lethbridge Grain Trial

2008 Corn Hybrid Grain Results for Lethbridge, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
LETH GRAIN	YIELD	0.78	12.53	602.42	4805.93	865.9
LETH GRAIN	ANTHESIS	0.94	0.61	1.30	213.00	1.83
LETH GRAIN	SILKING	0.94	0.61	1.31	215.10	1.85
LETH GRAIN	TEST WEIGHT	0.87	2.46	1.55	63.05	2.18
LETH GRAIN	MOISTURE	0.92	6.76	2.30	34.08	3.24

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Pioneer	39F45	20-Jul-08	22-Jul-08	4202.8	73.2	23.6	69.6
Pioneer	X7W907R	28-Jul-08	30-Jul-08	6304.0	109.9	23.9	66.5
Pickseed	2230 RR	27-Jul-08	29-Jul-08	4585.7	79.9	25.8	63.8
Hyland	HL 2093	29-Jul-08	31-Jul-08	4494.3	78.3	26.8	64.2
Pioneer	39M26	27-Jul-08	30-Jul-08	6074.1	105.9	26.9	67.0
Maizex	MZ 1272R	22-Jul-08	24-Jul-08	4885.3	85.1	28.1	70.7
Syngenta	N05-C7	28-Jul-08	30-Jul-08	4878.1	85.0	28.2	67.3
Monsanto	DKC27-32	26-Jul-08	28-Jul-08	5550.4	96.7	28.5	66.4
Hyland	HL R208	29-Jul-08	31-Jul-08	4610.8	80.3	28.7	63.5
Monsanto	DKC26-79	28-Jul-08	30-Jul-08	4622.3	80.6	29.1	63.5
Pioneer	39B90	04-Aug-08	6-Aug-08	4514.4	78.7	30.1	63.5
Pioneer	X7W905	29-Jul-08	30-Jul-08	5175.9	90.2	30.3	60.7
Pioneer	39D95	30-Jul-08	1-Aug-08	6020.3	104.9	30.9	60.0
Pioneer	39B64	30-Jul-08	1-Aug-08	4786.3	83.4	32.3	63.2
Maizex	MZ 1261BR	29-Jul-08	31-Jul-08	4718.3	82.2	32.9	63.0
Syngenta	N06-C1	29-Jul-08	31-Jul-08	4244.1	74.0	33.9	60.6
Syngenta	NXO587	30-Jul-08	2-Aug-08	5296.4	92.3	35.2	63.8
Pioneer	X8W600TR	31-Jul-08	02-Aug-08	5433.8	94.7	36.2	61.4
Pioneer	39Z69	07-Aug-08	09-Aug-08	4479.2	78.1	37.1	59.6
Pickseed	2240 RR	29-Jul-08	31-Jul-08	5022.9	87.5	37.5	66.1
Hyland	HL B14R	01-Aug-08	03-Aug-08	3740.1	65.2	37.6	59.6
Syngenta	N14D-CB/LL	05-Aug-08	07-Aug-08	6067.3	105.7	37.6	64.2
Seeds 2000	2781RR	02-Aug-08	04-Aug-08	4686.6	81.7	39.5	64.1
Croplan	229BtRR	06-Aug-08	09-Aug-08	5038.3	87.8	40.8	57.3
Syngenta	NXO997	03-Aug-08	06-Aug-08	4564.0	79.5	40.8	61.0
Elite	Fusion RR	05-Aug-08	08-Aug-08	4387.5	76.5	41.2	62.2
Prairie Pacific	PP2075	06-Aug-08	08-Aug-08	4357.5	75.9	42.3	61.9

* Lower yields reported due to light hailstorm damage

2008 Vauxhall Grain Trial

2008 Corn Hybrid Grain Results for Vauxhall, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
VAUX GRAIN	YIELD	0.61	14.55	767.95	5277.65	1174.20
VAUX GRAIN	ANTHESIS	0.96	0.43	0.91	208.93	1.28
VAUX GRAIN	SILKING	0.96	0.42	0.89	210.89	1.25
VAUX GRAIN	TEST WEIGHT	0.84	2.95	1.88	63.77	2.64
VAUX GRAIN	MOISTURE	0.86	9.40	2.86	30.49	4.03

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/hi)
Pioneer	X7W907R	24-Jul-08	26-Jul-08	5767.6	100.5	21.4	67.2
Pioneer	39F45	21-Jul-08	23-Jul-08	4528.6	78.9	21.5	72.6
Maizex	MZ 1272R	20-Jul-08	22-Jul-08	5277.2	92.0	23.0	72.0
Pioneer	39Z69	28-Jul-08	30-Jul-08	6084.8	106.0	23.2	65.2
Syngenta	N05-C7	24-Jul-08	26-Jul-08	4780.3	83.3	23.7	69.1
Pioneer	39M26	23-Jul-08	25-Jul-08	6307.4	109.9	25.4	66.9
Hyland	HL R208	24-Jul-08	26-Jul-08	5827.7	101.6	25.9	66.0
Monsanto	DKC27-32	23-Jul-08	25-Jul-08	5611.2	97.8	26.0	66.8
Pioneer	39B90	28-Jul-08	31-Jul-08	4687.3	81.7	26.2	65.1
Pioneer	39B64	27-Jul-08	29-Jul-08	5223.3	91.0	26.7	65.1
Pioneer	39D95	26-Jul-08	28-Jul-08	5379.7	93.7	27.1	64.0
Syngenta	N06-C1	23-Jul-08	26-Jul-08	6704.2	116.8	27.3	62.0
Pioneer	X7W905	25-Jul-08	26-Jul-08	5336.1	93.0	27.8	62.6
Maizex	MZ 1261BR	23-Jul-08	25-Jul-08	5664.7	98.7	29.2	63.6
Caird Holdings	EXP 4950	27-Jul-08	29-Jul-08	4197.1	73.1	29.8	56.8
Syngenta	N14D-CB/LL	26-Jul-08	28-Jul-08	6183.7	107.8	30.4	65.9
Monsanto	DKC26-79	24-Jul-08	26-Jul-08	5305.5	92.5	31.2	63.8
Pioneer	X8W600TR	26-Jul-08	28-Jul-08	5263.6	91.7	31.3	61.8
Hyland	HL 2093	24-Jul-08	26-Jul-08	3659.5	63.8	31.6	62.9
Syngenta	NXO587	26-Jul-08	27-Jul-08	6800.1	118.5	32.1	65.1
Hyland	HL B14R	27-Jul-08	29-Jul-08	5302.8	92.4	32.2	60.6
Prairie Pacific	PP2075	03-Aug-08	05-Aug-08	5338.3	93.0	34.4	61.4
Croplan	229BtRR	31-Jul-08	01-Aug-08	5629.4	98.1	34.7	58.9
Elite	Fusion RR	28-Jul-08	30-Jul-08	4318.7	75.3	34.9	61.1
Syngenta	NXO997	27-Jul-08	29-Jul-08	6487.6	113.1	35.5	63.7
Seeds 2000	2781RR	31-Jul-08	02-Aug-08	4603.8	80.2	36.2	60.7
Seeds 2000	2791RR	29-Jul-08	31-Jul-08	5782.1	100.8	38.8	62.8
Croplan	184BtRR	02-Aug-08	04-Aug-08	5244.1	91.4	41.2	61.3
Caird Holdings	EXP 4057	31-Jul-08	01-Aug-08	4270.5	74.4	41.4	61.7
Croplan	238BtRR	03-Aug-08	05-Aug-08	3420.0	59.6	45.0	56.6

* Lower yields reported due to light hailstorm damage



2008 Brooks Grain Trial

2008 Corn Hybrid Grain Results for Brooks, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
BROOKS GRAIN	YIELD	0.67	8.50	652.20	7674.86	916.20
BROOKS GRAIN	ANTHESIS	0.89	0.73	1.55	214.30	2.18
BROOKS GRAIN	SILKING	0.83	0.65	1.42	217.21	1.99
BROOKS GRAIN	TEST WEIGHT	0.70	4.08	2.42	59.30	3.60
BROOKS GRAIN	MOISTURE	0.77	8.38	3.11	37.15	4.37

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Pioneer	X7W907R	28-Jul-08	02-Aug-08	8467.1	147.6	26.3	60.4
Pioneer	39F45	21-Jul-08	26-Jul-08	7732.2	134.7	29.4	65.9
Pioneer	39B90	01-Aug-08	04-Aug-08	8097.9	141.1	31.4	58.4
Hyland	HL 2093	29-Jul-08	02-Aug-08	7272.5	126.7	32.5	60.0
Pioneer	39M26	28-Jul-08	02-Aug-08	8197.9	142.9	32.7	61.6
Pickseed	2230 RR	30-Jul-08	03-Aug-08	7455.3	129.9	32.8	59.6
Hyland	HL R208	28-Jul-08	01-Aug-08	8726.8	152.1	33.5	59.7
Pioneer	X7W905	30-Jul-08	03-Aug-08	8748.4	152.5	33.8	55.6
Monsanto	DKC27-32	28-Jul-08	01-Aug-08	8924.1	155.5	34.0	62.1
Pioneer	39B64	01-Aug-08	03-Aug-08	7547.6	131.5	34.0	59.2
Syngenta	N05-C7	01-Aug-08	03-Aug-08	7937.1	138.3	34.5	66.1
Syngenta	NO6-C1	28-Jul-08	02-Aug-08	8205.9	143.0	34.7	57.7
Pickseed	2240 RR	30-Jul-08	03-Aug-08	8039.4	140.1	36.3	65.6
Pioneer	39Z69	04-Aug-08	06-Aug-08	7005.7	122.1	36.7	55.0
Pioneer	39D95	31-Jul-08	04-Aug-08	8251.3	143.8	36.9	57.4
Syngenta	NXO587	02-Aug-08	05-Aug-08	7976.8	139.0	36.9	60.7
Monsanto	DKC26-79	30-Jul-08	02-Aug-08	8482.6	147.8	37.0	60.9
Syngenta	N14D-CB/LL	03-Aug-08	06-Aug-08	9082.3	158.3	37.0	61.3
Croplan	229BtRR	04-Aug-08	04-Aug-08	7607.3	132.6	38.0	55.2
Hyland	HL B14R	01-Aug-08	04-Aug-08	6934.7	120.8	39.4	56.5
Prairie Pacific	PP2146	04-Aug-08	05-Aug-08	7397.0	128.9	39.4	60.3
Prairie Pacific	PP2075	05-Aug-08	05-Aug-08	6167.4	107.5	39.4	58.8
Seeds 2000	2781RR	03-Aug-08	04-Aug-08	7629.5	133.0	39.5	59.5
Syngenta	NXO997	03-Aug-08	05-Aug-08	8170.6	142.4	40.2	55.9
Pioneer	X8W600TR	31-Jul-08	04-Aug-08	7456.3	129.9	40.4	56.2
Caird Holdings	EXP 4950	03-Aug-08	07-Aug-08	6727.6	117.2	42.3	54.8
Seeds 2000	2791RR	05-Aug-08	05-Aug-08	6680.1	116.4	43.7	57.5
Prairie Pacific	PP2147	10-Aug-08	10-Aug-08	6091.0	106.1	47.2	57.2



2008 Bow Island Grain Trial

2008 Corn Hybrid Grain Results for Bow Island, AB.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
BI GRAIN	YIELD	0.74	8.71	616.33	7074.92	864.10
BI GRAIN	ANTHESIS	0.95	0.47	1.01	213.06	1.42
BI GRAIN	SILKING	0.55	1.78	3.86	216.57	5.40
BI GRAIN	TEST WEIGHT	0.81	3.26	2.00	61.30	2.93
BI GRAIN	MOISTURE	0.92	6.66	2.08	31.26	2.92

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/hl)
Pioneer	X7W907R	27-Jul-08	01-Aug-08	8076.9	140.8	20.7	63.2
Pickseed	2230 RR	27-Jul-08	31-Jul-08	7298.4	127.2	21.3	64.1
Pioneer	39F45	22-Jul-08	26-Jul-08	5965.1	104.0	21.9	69.9
Pioneer	X7W905	28-Jul-08	02-Aug-08	8434.2	147.0	23.9	59.5
Pioneer	39M26	26-Jul-08	30-Jul-08	8024.0	139.8	24.0	66.8
Monsanto	DKC27-32	26-Jul-08	31-Jul-08	8415.3	146.6	25.1	63.7
Hyland	HL R208	28-Jul-08	01-Aug-08	7908.8	137.8	25.6	64.3
Pioneer	39Z69	02-Aug-08	06-Aug-08	7108.4	123.9	25.8	58.6
Pioneer	39B64	30-Jul-08	02-Aug-08	6744.4	117.5	26.6	59.2
Hyland	HL 2093	29-Jul-08	02-Aug-08	6462.8	112.6	27.5	61.7
Maizex	MZ 1272R	22-Jul-08	26-Jul-08	7607.9	132.6	27.8	69.2
Syngenta	N06-C1	27-Jul-08	02-Aug-08	7650.3	133.3	27.9	60.7
Maizex	MZ 1261BR	27-Jul-08	01-Aug-08	7971.5	138.9	28.3	61.9
Syngenta	N05-C7	29-Jul-08	02-Aug-08	6734.4	117.4	28.5	67.6
Pickseed	2240 RR	29-Jul-08	02-Aug-08	7663.1	133.5	28.6	64.4
Monsanto	DKC26-79	29-Jul-08	02-Aug-08	8050.0	140.3	28.9	61.4
Hyland	HL B14R	30-Jul-08	04-Aug-08	7022.7	122.4	29.3	60.3
Pioneer	39D95	31-Jul-08	06-Aug-08	7500.1	130.7	29.3	58.6
Pioneer	39B90	01-Aug-08	06-Aug-08	6670.8	116.2	29.9	60.7
Syngenta	N14D-CB/LL	02-Aug-08	05-Aug-08	9514.0	165.8	30.6	62.7
Syngenta	NXO587	31-Jul-08	05-Aug-08	7570.7	131.9	31.5	62.9
Pickseed	2272 BtRR	30-Jul-08	04-Aug-08	6453.1	112.5	31.7	62.1
Pioneer	X8W600TR	30-Jul-08	06-Aug-08	6309.9	110.0	33.2	57.5
Croplan	229BtRR	04-Aug-08	07-Aug-08	6510.6	113.5	34.4	55.5
Syngenta	NXO997	02-Aug-08	05-Aug-08	7068.7	123.2	35.6	59.4
Pickseed	SilEx BtRR	02-Aug-08	05-Aug-08	6073.7	105.8	35.8	58.2
Prairie Pacific	PP2075	07-Aug-08	09-Aug-08	6146.1	107.1	36.4	57.0
Seeds 2000	2781RR	02-Aug-08	05-Aug-08	6800.9	118.5	36.8	60.6
Seeds 2000	2791RR	03-Aug-08	04-Aug-08	7335.1	127.8	36.9	61.1
Prairie Pacific	PP2146	02-Aug-08	05-Aug-08	6235.6	108.7	37.3	62.2
Syngenta	N15A-GT	06-Aug-08	02-Aug-08	6046.1	105.4	37.5	55.7
Croplan	184BtRR	05-Aug-08	06-Aug-08	7280.5	126.9	40.6	61.2
Croplan	238BtRR	07-Aug-08	26-Jul-08	6092.1	106.2	43.2	57.1



2008 Outlook Grain Trial

2008 Corn Hybrid Grain Results for Outlook, SK.

Trial	Variable	R-Square	Coeff Var	Root MSE	Mean	LSD
OUTLOOK	YIELD	0.72	9.68	922.14	9529.82	1304.30
OUTLOOK	ANTHESIS	0.85	0.85	1.80	212.48	2.54
OUTLOOK	SILKING	0.83	0.63	1.37	217.67	1.94
OUTLOOK	TEST WEIGHT	0.66	3.97	3.14	79.11	4.45
OUTLOOK	MOISTURE	0.74	7.33	2.76	37.72	3.91

Company	Hybrid	Anthesis (10%)	Silking (50%)	Yield (g/plot)	Yield (bu/ac)	Moisture (%)	TWT (kg/ha)
Pioneer	39F45	21-Jul-08	29-Jul-08	7409.9	129.1	28.0	86.2
Pioneer	X7W905	25-Jul-08	01-Aug-08	12162.8	212.0	31.7	76.3
Hyland	HL R208	28-Jul-08	02-Aug-08	11557.5	201.4	32.1	82.9
Hyland	HL 2093	29-Jul-08	03-Aug-08	9004.4	156.9	35.1	76.7
Monsanto	DKC26-79	28-Jul-08	02-Aug-08	11147.2	194.3	35.3	81.9
Pioneer	39M26	28-Jul-08	03-Aug-08	10007.3	174.4	36.0	80.0
Pioneer	X7W907R	27-Jul-08	04-Aug-08	9835.9	171.4	36.2	79.4
Pioneer	39B64	31-Jul-08	04-Aug-08	8442.4	147.1	37.5	79.4
Pioneer	39B90	03-Aug-08	08-Aug-08	8681.8	151.3	37.7	75.8
Syngenta	NXO587	01-Aug-08	06-Aug-08	9285.8	161.8	37.9	80.5
Monsanto	DKC27-32	28-Jul-08	03-Aug-08	10171.3	177.2	38.1	78.7
Syngenta	N05-C7	30-Jul-08	04-Aug-08	9069.4	158.0	38.7	86.8
Pioneer	39D95	31-Jul-08	05-Aug-08	9641.4	168.0	39.0	75.0
Pioneer	39Z69	03-Aug-08	07-Aug-08	9320.3	162.4	39.0	73.9
Pioneer	X8W600TR	29-Jul-08	04-Aug-08	10097.3	176.0	39.3	74.6
Syngenta	N06-C1	28-Jul-08	03-Aug-08	9658.4	168.3	39.8	75.1
Hyland	HL B14R	31-Jul-08	05-Aug-08	7892.1	137.5	40.3	80.0
Syngenta	NXO997	02-Aug-08	05-Aug-08	8532.5	148.7	41.2	81.9
Syngenta	N14D-CB/LL	03-Aug-08	07-Aug-08	10507.5	183.1	41.5	82.2
Seeds 2000	2781RR	04-Aug-08	07-Aug-08	9816.4	171.1	43.0	78.7
Prairie Pacific	PP2075	06-Aug-08	10-Aug-08	7884.7	137.4	44.8	75.3





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COMMITTEE**

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