

2005 Lethbridge Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	29-Jul-05	31-Jul-05	11.5	60.9
Syngenta	N05-C7	31-Jul-05	2-Aug-05	11.9	66.9
Pioneer	39P78	01-Aug-05	3-Aug-05	11.2	68.8
Pickseed	2230RR	01-Aug-05	3-Aug-05	10.7	69.1
Hyland	Bixxio RR	31-Jul-05	3-Aug-05	10.3	71.2
Monsanto	DKC26-78	02-Aug-05	4-Aug-05	11.0	71.8
Hyland	Baxxos	02-Aug-05	4-Aug-05	12.0	71.9
Hyland	Baxxos RR	03-Aug-05	5-Aug-05	12.7	72.5
Pioneer	39T71	03-Aug-05	5-Aug-05	11.5	72.7
Pioneer	39T67	03-Aug-05	5-Aug-05	10.8	72.9
Syngenta	N15-P6	06-Aug-05	8-Aug-05	11.1	72.9
Pioneer	39T67(NP)	04-Aug-05	5-Aug-05	8.0	73.0
Hyland	HL S014	09-Aug-05	7-Aug-05	13.2	73.2
Hyland	HL B16R	03-Aug-05	5-Aug-05	12.9	73.2
Pioneer	39T67(P)	02-Aug-05	4-Aug-05	11.2	73.5
Monsanto	DKC27-12	01-Aug-05	3-Aug-05	10.3	73.5
Pioneer	39F59	05-Aug-05	6-Aug-05	10.6	73.8
Hyland	HL S009	10-Aug-05	10-Aug-05	11.3	73.9
Hyland	HL R208	02-Aug-05	4-Aug-05	11.9	74.2
Syngenta	N16-N7	05-Aug-05	6-Aug-05	11.2	74.3
Hyland	Bixxio	02-Aug-05	4-Aug-05	11.8	74.5
Syngenta	N11-F4	02-Aug-05	4-Aug-05	10.6	75.1
Pioneer	39H83	05-Aug-05	7-Aug-05	11.5	75.2
Hytest Seeds	HT 7060	07-Aug-05	6-Aug-05	12.5	75.4
Maizex	LF753	08-Aug-05	7-Aug-05	13.2	75.5
Maizex	LF725	07-Aug-05	8-Aug-05	12.0	75.5
Pride Seeds	A4741HM	07-Aug-05	6-Aug-05	10.8	75.6
Monsanto	DKC30-02	06-Aug-05	7-Aug-05	11.0	75.8
Maizex	LF755RR	08-Aug-05	8-Aug-05	12.9	76.1
Maizex	LF802	16-Aug-05	14-Aug-05	15.1	76.8
Hyland	HL S007	04-Aug-05	6-Aug-05	9.7	77.1
Elite	Maxumm LL	06-Aug-05	8-Aug-05	8.3	77.1
Maizex	EX1015RR	06-Aug-05	9-Aug-05	10.3	77.3
Hyland	HL S011	17-Aug-05	17-Aug-05	12.1	77.4
Syngenta	G4043	07-Aug-05	9-Aug-05	12.8	77.6
Maizex	LF793	14-Aug-05	15-Aug-05	13.1	77.7
Pioneer	3921®	08-Aug-05	10-Aug-05	11.4	77.9
Pioneer	39F27	09-Aug-05	11-Aug-05	11.6	78.0
Pickseed	1524RR	07-Aug-05	9-Aug-05	9.5	78.2
Maizex	MZ16-05RR	07-Aug-05	9-Aug-05	10.0	78.3
Syngenta	N8905	13-Aug-05	15-Aug-05	10.7	78.7
Pioneer	39K39	11-Aug-05	13-Aug-05	11.1	78.9
Maizex	MZ18-02RR	05-Aug-05	08-Aug-05	8.6	79.4
Pickseed	1424RR	09-Aug-05	11-Aug-05	9.3	79.7
Monsanto	DKC33-10	08-Aug-05	10-Aug-05	8.9	79.8
Syngenta	N8981	16-Aug-05	18-Aug-05	7.4	80.8

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
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R ²	0.96	0.94	0.77	0.89
CV	0.46	0.53	9.94	2.12
Root MSE	1.01	1.17	1.12	1.58
Mean	06-Aug-05	07-Aug-05	11.24	74.59
LSD (alpha = 0.05)	1.41	1.63	1.56	2.21



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2005 Vauxhall Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Syngenta	N05-C7	29-Jul-05	31-Jul-05	13.9	57.9
Hyland	Bixxio	29-Jul-05	31-Jul-05	14.5	59.2
Pioneer	39F59	02-Aug-05	03-Aug-05	15.3	59.8
Hyland	Baxxos	30-Jul-05	01-Aug-05	17.2	60.1
Hyland	HL B16R	30-Jul-05	02-Aug-05	18.4	60.4
Monsanto	DKC27-12	28-Jul-05	31-Jul-05	14.3	61.0
Hyland	Bixxio RR	27-Jul-05	30-Jul-05	12.6	61.7
Syngenta	N16-N7	03-Aug-05	04-Aug-05	16.3	61.8
Syngenta	N15-P6	04-Aug-05	05-Aug-05	15.4	61.9
Pickseed	2230RR	27-Jul-05	31-Jul-05	13.1	62.0
Hyland	Baxxos RR	30-Jul-05	01-Aug-05	16.6	62.3
Pioneer	39T67 (P)	29-Jul-05	01-Aug-05	15.0	62.4
Pioneer	39T71	29-Jul-05	01-Aug-05	15.9	62.4
Maizex	LF753	06-Aug-05	04-Aug-05	18.3	62.6
Hyland	HL R208	29-Jul-05	31-Jul-05	16.2	62.7
Maizex	LF725	04-Aug-05	05-Aug-05	16.7	62.8
Maizex	LF755RR	05-Aug-05	03-Aug-05	18.4	63.3
Pioneer	39H83	02-Aug-05	04-Aug-05	15.9	63.5
Pioneer	39T67	30-Jul-05	02-Aug-05	16.3	63.6
Monsanto	DKC30-02	03-Aug-05	04-Aug-05	17.2	63.7
Hyland	HL S014	07-Aug-05	05-Aug-05	16.4	63.8
Elite	Maxumm LL	03-Aug-05	06-Aug-05	13.9	64.0
Pioneer	39T67 (NP)	29-Jul-05	01-Aug-05	15.0	64.0
Hyland	HL S009	09-Aug-05	07-Aug-05	16.4	65.4
Maizex	LF802	07-Aug-05	05-Aug-05	18.5	65.7
Pioneer	3921@	06-Aug-05	08-Aug-05	17.9	65.8
Hyland	HL S007	30-Jul-05	03-Aug-05	15.9	66.3
Maizex	MZ18-02RR	04-Aug-05	06-Aug-05	15.9	66.4
Syngenta	N11-F4	31-Jul-05	02-Aug-05	17.0	66.4
Monsanto	DKC35-01	04-Aug-05	05-Aug-05	15.7	66.8
Monsanto	DKC33-10	03-Aug-05	05-Aug-05	14.6	67.2
Hyland	HL S011	11-Aug-05	11-Aug-05	18.0	67.8
Pickseed	1424RR	06-Aug-05	08-Aug-05	14.4	67.9
Maizex	MZ16-05RR	05-Aug-05	07-Aug-05	15.7	68.0
Pioneer	39F27	06-Aug-05	08-Aug-05	18.0	68.0
Pickseed	1524RR	04-Aug-05	06-Aug-05	15.1	68.1
Syngenta	G4043	05-Aug-05	07-Aug-05	16.4	68.1
Maizex	LF793	08-Aug-05	10-Aug-05	18.1	68.5
Maizex	MZ27-77RR	08-Aug-05	10-Aug-05	16.9	68.6
Maizex	EX1015RR	04-Aug-05	06-Aug-05	14.6	69.1
Syngenta	N8905	09-Aug-05	11-Aug-05	15.2	69.7
Syngenta	N8981	08-Aug-05	10-Aug-05	14.4	69.9
Maizex	LF850RR	14-Aug-05	15-Aug-05	15.0	70.1
Pioneer	39K39	08-Aug-05	10-Aug-05	14.8	70.3

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
R ²	0.94	0.90	0.65	0.84

CV	0.54	0.65	9.34	2.66
Root MSE	1.17	1.41	1.49	1.72
Mean	03-Aug-05	05-Aug-05	16.00	64.55
LSD (alpha = 0.05)	1.63	1.97	2.09	2.40



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2005 Brooks Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	25-Jul-05	29-Jul-05	23.0	59.5
Syngenta	N05-C7	29-Jul-05	02-Aug-05	26.6	63.3
Pioneer	39P78	27-Jul-05	01-Aug-05	22.1	66.3
Monsanto	DKC27-12	27-Jul-05	31-Jul-05	30.0	67.5
Maizex	LF793	15-Aug-05	19-Aug-05	36.7	67.5
Monsanto	DKC26-78	28-Jul-05	02-Aug-05	27.8	67.8
Hyland	Baxxos	01-Aug-05	07-Aug-05	30.0	68.3
Hyland	HL R208	29-Jul-05	02-Aug-05	33.1	68.3
Maizex	LF755RR	10-Aug-05	11-Aug-05	36.0	68.5
Syngenta	N16-N7	05-Aug-05	09-Aug-05	23.0	68.5
Pioneer	39F59	01-Aug-05	06-Aug-05	26.8	68.8
Hyland	Baxxos RR	31-Jul-05	06-Aug-05	29.9	68.8
Hyland	HL B16R	02-Aug-05	06-Aug-05	28.5	68.8
Syngenta	N15-P6	05-Aug-05	10-Aug-05	26.1	68.8
Elite	46T07 RR	02-Aug-05	06-Aug-05	28.6	69.3
Maizex	LF725	09-Aug-05	13-Aug-05	30.1	69.3
Pioneer	39T67	29-Jul-05	03-Aug-05	31.3	69.8
Pioneer	39T71	29-Jul-05	04-Aug-05	27.7	69.8
Hyland	HL S014	12-Aug-05	16-Aug-05	28.8	70.0
Hyland	Bixxio	29-Jul-05	02-Aug-05	27.8	70.3
Hyland	Bixxio RR	29-Jul-05	03-Aug-05	23.1	70.3
Pride Seeds	A4741HM	07-Aug-05	10-Aug-05	31.7	70.5
Hyland	HL S009	13-Aug-05	14-Aug-05	29.7	70.5
Pioneer	39H83	05-Aug-05	10-Aug-05	30.2	70.8
Hyttest Seeds	HT 7060	11-Aug-05	12-Aug-05	32.9	70.8
Maizex	LF753	12-Aug-05	12-Aug-05	33.3	70.8
Monsanto	DKC30-02	04-Aug-05	08-Aug-05	28.6	71.3
Hyland	HL S011	18-Aug-05	20-Aug-05	31.4	71.5
Hyland	HL S007	02-Aug-05	09-Aug-05	26.4	72.0
Maizex	LF802	14-Aug-05	14-Aug-05	38.8	72.3
Maizex	MZ16-05RR	10-Aug-05	14-Aug-05	28.6	72.3
Syngenta	N11-F4	30-Jul-05	04-Aug-05	28.2	72.3
Pickseed	2230RR	28-Jul-05	01-Aug-05	25.3	72.5
Pioneer	3921®	11-Aug-05	15-Aug-05	28.8	72.5
Pickseed	1424RR	12-Aug-05	17-Aug-05	25.5	73.3
Syngenta	G4043	11-Aug-05	14-Aug-05	30.8	73.3
Pickseed	1524RR	08-Aug-05	14-Aug-05	23.9	73.8
Pioneer	39F27	11-Aug-05	16-Aug-05	30.4	73.8
Maizex	EX1015RR	08-Aug-05	14-Aug-05	25.2	73.8
Pioneer	39K39	13-Aug-05	17-Aug-05	30.1	74.0
Syngenta	N8905	13-Aug-05	18-Aug-05	25.7	74.0
Maizex	MZ18-02RR	06-Aug-05	13-Aug-05	23.7	75.3
Monsanto	DKC33-10	09-Aug-05	14-Aug-05	25.5	76.0
Syngenta	N8981	14-Aug-05	19-Aug-05	23.2	76.3

Dry Yield Whole Plant

	Anthesis	Silking	(t/ha)	Moisture %
R ²	0.94	0.91	0.58	0.76
CV	0.89	0.98	13.39	2.92
Root MSE	1.94	2.17	3.84	2.05
Mean	05-Aug-05	09-Aug-05	28.70	70.24
LSD (alpha = 0.05)	2.71	3.04	5.37	2.86



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2005 Bow Island Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F59	31-Jul-05	05-Aug-05	28.9	57.0
Hyland	Baxxos	28-Jul-05	01-Aug-05	32.2	58.3
Maizex	LF753	05-Aug-05	07-Aug-05	33.3	58.8
Hyland	Bixxio RR	27-Jul-05	31-Jul-05	26.7	59.5
Hyland	HL S009	07-Aug-05	08-Aug-05	29.7	60.0
Hyland	Bixxio	27-Jul-05	02-Aug-05	27.5	60.3
Maizex	LF725	03-Aug-05	05-Aug-05	33.0	60.8
Pioneer	39H83	01-Aug-05	05-Aug-05	30.5	61.5
Hyland	HL R208	27-Jul-05	31-Jul-05	29.1	61.8
Hyland	HL B16R	31-Jul-05	05-Aug-05	29.5	62.3
Syngenta	N15-P6	04-Aug-05	07-Aug-05	29.9	62.3
Pioneer	39T71	27-Jul-05	02-Aug-05	28.8	62.5
Monsanto	DKC30-02	01-Aug-05	05-Aug-05	28.7	62.5
Pioneer	39T67	27-Jul-05	31-Jul-05	27.6	62.8
Hyland	Baxxos RR	27-Jul-05	02-Aug-05	29.3	62.8
Syngenta	N05-C7	29-Jul-05	02-Aug-05	24.6	62.8
Syngenta	N16-N7	03-Aug-05	07-Aug-05	28.3	62.8
Monsanto	DKC35-01	04-Aug-05	06-Aug-05	29.5	63.0
Hyland	HL S011	12-Aug-05	14-Aug-05	29.8	63.0
Maizex	LF802	08-Aug-05	08-Aug-05	34.2	63.8
Monsanto	DKC27-12	28-Jul-05	02-Aug-05	27.7	64.3
Hyland	HL S014	06-Aug-05	08-Aug-05	30.2	64.3
Pickseed	3524RR	06-Aug-05	10-Aug-05	30.2	64.5
Hyland	HL S007	27-Jul-05	03-Aug-05	25.6	64.5
Maizex	LF755RR	05-Aug-05	06-Aug-05	31.2	64.5
Pickseed	2230RR	27-Jul-05	01-Aug-05	24.4	64.8
Pickseed	1424RR	04-Aug-05	08-Aug-05	27.9	65.3
Pickseed	1524RR	02-Aug-05	06-Aug-05	25.9	65.5
Syngenta	N11-F4	29-Jul-05	04-Aug-05	29.2	65.5
Maizex	MZ16-05RR	05-Aug-05	08-Aug-05	29.3	65.8
Maizex	EX1015RR	02-Aug-05	05-Aug-05	25.8	66.0
Maizex	MZ18-02RR	02-Aug-05	06-Aug-05	28.2	66.5
Pioneer	39K39	08-Aug-05	12-Aug-05	31.6	66.8
Maizex	MZ27-77RR	07-Aug-05	10-Aug-05	32.3	67.0
Pioneer	3921®	05-Aug-05	09-Aug-05	28.8	67.3
Pioneer	39F27	06-Aug-05	10-Aug-05	31.4	67.3
Pickseed	2425RR	06-Aug-05	10-Aug-05	27.5	67.5
Syngenta	G4043	05-Aug-05	07-Aug-05	30.8	67.5
Maizex	LF793	10-Aug-05	12-Aug-05	26.1	68.5
Elite	Maxumm LL	01-Aug-05	05-Aug-05	24.7	68.8
Monsanto	DKC33-10	01-Aug-05	05-Aug-05	25.1	69.5
Maizex	LF850RR	14-Aug-05	15-Aug-05	27.9	69.8
Syngenta	N8981	07-Aug-05	11-Aug-05	23.1	69.8
Syngenta	N8905	08-Aug-05	12-Aug-05	27.2	70.3

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
R ²	0.94	0.92	0.46	0.57

CV	0.63	0.60	11.25	5.79
Root MSE	1.35	1.30	3.24	3.70
Mean	02-Aug-05	06-Aug-05	28.79	63.96
LSD (alpha = 0.05)	1.89	1.81	4.53	5.18



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2005 Outlook Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F45	22-Aug-05	31-Jul-05	13.4	59.1
Monsanto	DKC26-78	26-Jul-05	03-Aug-05	15.3	63.9
Pioneer	39P78	25-Jul-05	03-Aug-05	14.2	64.5
Pioneer	39F59	04-Aug-05	07-Aug-05	16.4	65.2
Syngenta	N05-C7	02-Aug-05	06-Aug-05	14.7	65.7
Hyland	HL S014	10-Aug-05	08-Aug-05	18.4	66.7
Monsanto	DKC27-12	31-Jul-05	05-Aug-05	14.9	67.1
Elite	46T07 RR	02-Aug-05	07-Aug-05	15.0	67.6
Syngenta	N16-N7	05-Aug-05	07-Aug-05	17.1	67.6
Pioneer	39T67	02-Aug-05	07-Aug-05	17.3	67.7
Hyland	HL S009	12-Aug-05	11-Aug-05	16.1	67.8
Pride Seeds	A4741HM	03-Aug-05	06-Aug-05	15.1	67.8
Pioneer	39T71	01-Aug-05	06-Aug-05	15.2	68.0
Maizex	LF753	08-Aug-05	07-Aug-05	16.4	68.5
Maizex	LF725	05-Aug-05	08-Aug-05	15.5	68.6
Pioneer	39H83	03-Aug-05	08-Aug-05	16.0	68.8
Syngenta	N15-P6	05-Aug-05	08-Aug-05	17.0	69.2
Hyland	HL S007	01-Aug-05	07-Aug-05	14.4	69.7
Monsanto	DKC30-02	05-Aug-05	08-Aug-05	12.9	70.2
Hyland	HL S011	12-Aug-05	14-Aug-05	15.7	70.9
Maizex	LF793	11-Aug-05	13-Aug-05	15.1	71.0
Maizex	EX1015RR	04-Aug-05	08-Aug-05	14.5	71.2
Syngenta	N11-F4	04-Aug-05	08-Aug-05	15.1	72.6
Monsanto	DKC33-10	05-Aug-05	09-Aug-05	15.4	72.9
Maizex	MZ18-02RR	04-Aug-05	10-Aug-05	14.0	74.0
Syngenta	G4043	08-Aug-05	12-Aug-05	16.1	74.0
Maizex	MZ16-05RR	06-Aug-05	13-Aug-05	15.0	74.2
Syngenta	N8905	12-Aug-05	13-Aug-05	14.1	74.7
Syngenta	N8981	10-Aug-05	14-Aug-05	13.0	75.2

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
R ²	0.96	0.94	0.50	0.92
CV	0.60	0.47	10.43	1.83
Root MSE	1.30	1.03	1.59	1.27
Mean	05-Aug-05	08-Aug-05	15.21	69.30
LSD (alpha = 0.05)	1.82	1.45	2.23	1.78



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2005 Lacombe Silage Trial

Company	Hybrid	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
Pioneer	39F59	22-Aug-05	29-Aug-05	8.7	82.3
Maizex	LF725	21-Aug-05	29-Aug-05	8.2	82.3
Hyland	HL 2093	12-Aug-05	22-Aug-05	8.9	82.4
Hyland	HL S014	01-Sep-05	01-Sep-05	7.8	82.5
Hyland	HL S009	01-Sep-05	07-Sep-05	6.4	82.6
Monsanto	DKC26-78	10-Aug-05	19-Aug-05	9.9	82.7
Maizex	EX1015RR	26-Aug-05	01-Sep-05	8.9	82.8
Hyland	HL S007	19-Aug-05	01-Sep-05	7.5	83.0
Pioneer	39F45	04-Aug-05	09-Aug-05	8.8	83.1
Maizex	MZ119	14-Aug-05	26-Aug-05	8.7	83.2
Syngenta	N15-P6	21-Aug-05	29-Aug-05	8.9	83.3
Monsanto	DKC27-12	10-Aug-05	22-Aug-05	7.7	83.4
Syngenta	N8905	31-Aug-05	08-Sep-05	7.5	83.5
Hyland	HL S011	30-Aug-05	03-Sep-05	8.8	83.5
Elite	46T07 RR	16-Aug-05	29-Aug-05	6.6	83.6
Syngenta	N16-N7	25-Aug-05	29-Aug-05	8.6	83.6
Pioneer	39H83	20-Aug-05	27-Aug-05	9.4	83.7
Hyland	HL R206	10-Aug-05	20-Aug-05	8.3	83.7
Maizex	MZ133	18-Aug-05	29-Aug-05	8.5	83.8
Pride Seeds	A4741HM	17-Aug-05	26-Aug-05	8.5	84.0
Syngenta	N05-C7	16-Aug-05	26-Aug-05	7.3	84.0
Syngenta	N11-F4	16-Aug-05	26-Aug-05	9.6	84.1
Pickseed	2365RR	26-Aug-05	01-Sep-05	8.2	84.1
Pioneer	39P78	06-Aug-05	14-Aug-05	8.5	84.2
Syngenta	N8981	29-Aug-05	03-Sep-05	7.4	84.2
Pioneer	39T71	12-Aug-05	22-Aug-05	9.2	84.2
Pioneer	39T67	14-Aug-05	20-Aug-05	8.5	84.5
Hyland	HL 2017	08-Aug-05	18-Aug-05	8.4	84.7
Pickseed	2230RR	10-Aug-05	19-Aug-05	7.8	84.9
Syngenta	G4043	22-Aug-05	31-Aug-05	9.5	85.7

	Anthesis	Silking	Dry Yield (t/ha)	Whole Plant Moisture %
R ²	1.00	1.00	0.61	0.55
CV	0.00	0.00	9.96	1.12
Root MSE	0.00	0.00	0.83	0.94
Mean	18-Aug-05	26-Aug-05	8.37	83.58
LSD (alpha = 0.05)	0.00	0.00	1.17	1.32



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