

Breaking Ground (in Northeastern Ontario)

Parcelles de Mais 2007 Corn Plots

Chez/Location: RayGill Farms, Raymond Plante

Canton Armstrong Township, Hillview Road

Raymond Plante, May 7 2007

Not Round-Up ready

Product	Hybrid	Corn Heat Unit
Pickseed	Silex BT	2,300
Pickseed	2365RR	2,425
Dekalb	DKC 29-98	2,400
Dekalb	DKC 27-44	2,200
Dekalb	DKC 29-97	2,350
Elite	30A03	2,275
Elite	Focus	2,200
NK	N05-C7	2,250
Speare Seeds	GG23902	
Pioneer	39D97	2,250
Pioneer	39B94	2,250
Pride	A4979 EDF	2,350 - 2,575
Pride	A4741 HM	2,300 - 2,475

Population:
30,000 - 31,000

Seeded/Semées:
May 7, 2007

Soil analysis/Analyse de sol:
pH: 6.8, phos: N/A; K: N/A

Fertilizer/Engrais:
90lbs. 11-52-0
Manure 5,000 gal/ac,
fall '07+ Alfalfa plowed down

Soil type:
New Liskeard clay,
tiled @ 50 ft.



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- Yield
- Profit
- Stewardship

Call Jason at
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2007 Temiskaming Corn Silage Plots

at Raygill Farms c/o Raymond and Gilles Plante New Liskeard

Supported by: Temiskaming Crop Coalition

Prepared by: Daniel Tasse, OMAFRA New Liskeard

Seeded May 8th, 2007

Harvested: September 18-20th (133 days after seeding)

Corn Heat Units: 2,117

Final plant Population: 29,000-30,000

Note: a light frost was registered on June the 6th.
Killing frost was on September 13th

Feed Analytical Report from
Agri-Food Lab/ NIR20 + Milk 2006

Hybrid	Corn Heat Unit rating CHU	Moisture at harvest %	Yield adjusted at 65% moisture tonne/acre	Protein % DM	ADF%	NDF%	TDN%	Net Energy of Lactation	Milk per acre
1) Dekalb 27-44 Check #1	2,200	59.26	**20.30	8.57	23.60	43.72	68.99	1.56	1091.00
2) Pickseed Silex BT	2,300	61.09	17.00	8.00	22.71	41.84	69.49	1.57	1368.00
3) Pickseed 2365RR	2,425	69.86	16.90	8.83	25.71	39.33	67.82	1.53	1312.00
4) Debalb DKC 29-98	2,400	70.85	15.00	9.58	23.36	40.65	69.13	1.56	1403.00
5) Dekalb 27-44 Check #2	2,200	67.53	15.40	9.43	21.74	38.41	70.03	1.59	1455.00
6) Dekalb 29-97	2,350	66.07	15.97	9.03	20.09	37.57	70.95	1.61	1594.00
7) Elite 30A03	2,275	63.17	15.30	9.55	19.32	37.62	71.38	1.62	1512.00
8) Elite Focus	2,200	64.52	15.80	9.19	20.51	41.62	70.72	1.60	1572.00
9) Dekalb 27-44 Check #3	2,200	63.45	16.40	9.68	24.14	40.90	68.69	1.55	1368.00
10) NK N05-C7	2,250	63.30	16.10	8.67	23.53	42.25	69.03	1.56	1403.00
11) Speare Seeds GG23902	2,300	62.93	14.60	8.40	23.44	40.51	69.08	1.56	1329.00
12) Pioneer 39D97	2,250	65.01	16.70	8.48	24.18	37.54	68.67	1.55	1295.00
13) Dekalb 27-44 Check #4	2,200	64.48	16.40	10.01	21.05	37.25	70.42	1.60	1501.00
14) Pioneer 39B94	2,350	67.65	16.00	9.01	28.77	48.02	66.12	1.49	1181.00
15) Pride A4979 EDF	2,350	69.16	17.50	9.25	26.75	41.18	67.24	1.51	1247.00
16) Pride A4741 HM	2,300	65.70	18.80	8.37	24.23	40.25	68.64	1.55	1513.00

Average of Check #2, #3, #4

65% 16.0 tonnes

Check #1 was excluded

**Check #1 should not be considered in the calculations since it is significantly different than the other 3 checks of Dekalb 27-44

Average of all hybrids

65.25 15.24

Range (lowest-highest)

59-70% 14.6-20.3 tonnes

one load of each hybrid was weighed with the axle scales representing 9,660 square feet or .222/ac

The length of the field was measured for each of the 4 check hybrids

Notes: bear damage to plots were noticeable across all hybrids. At harvest we tried harvesting the 2 rows with the least damage visible



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