

# Breaking Ground (in Northeastern Ontario)



## Herbicides evaluation at Bert Jibb

- Field info:
- Winter wheat Ac Harvard
- Seeded Sep 18th 07
- Fertility ; 150 lbs 46-0-0 (spring)
- Herbicide application rest of the field; Refine xtra May 24th 08
- Herbicide applied to plots; June 3rd,08



Crop stage; flag leaf Zaddock 39

## Herbicides evaluation at Bert Jibb

Treatment	Crop Injury (9 days)	Weed control (28 days)	Crop Injury (28 days)	Weed control (50 days)	Observations
1) No treatment	None	None	None	None	Sticky cockle and cleavers infestation
2) 2,4-D ester	None	Poor – not controlled	None	Poor	
3) MCPA ester	None	Poor – not controlled	None	Fair	
4) Target	Slight < 5%	good	Plants shorter	Excellent	Wheat plants are stunted / shorter
5) Estracrop	Slight < 5%	good	None	Excellent	
6) Lontrel	None	Poor – not controlled	None	Poor	
7) Budril M	None	Poor – not controlled	None	Poor	
8) Refine M	Moderate 15-20%	good	Plants are shorter	Fair	Wheat plants are stunted / shorter

### Thank you to the 2008 cooperators

- RayGill Farm c/o Raymond and Gilles Plante
- Kevin Runnalls
- Bert Jibb
- Ferguson Farms c/o Kevin Pratt

### Thank You also goes to the

- Temiskaming Crops Coalition
- the seed suppliers
- Temiskaming Ag Center
- New Liskeard Ag Research Station

## 2008 Temiskaming Corn Silage Plots at Raygill Farms c/o Raymond and Gilles Plantes New Liskeard

Supported by: Temiskaming Crop Coalition

Prepared by: Daniel Tassé, OMAFRA New Liskeard

Seeded May 29th, 2008

Harvested: October 22th-23rd (145 days after seeding)

Killing frost was on September 18th

Final plant population: 30,000-32,000

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

Hybrids	Corn eat unit rating	Moisture at harvest	Yield adjusted at 65% moisture	Protein % DM	ADF%	NDF%	TDN5	Net Energy of Lactation MCAL/kg	Milk per acre
1) Maizex MZ 130	2,300	63.1	10.49	8.86	22.5	43.67	69.61	1.57	1579.00
2) Dekalb 27-44 check #1	2,200	61.10	12.31	8.34	26.48	45.45	67.39	1.52	1418.00
3) Dekalb 27-32	2,175	59.58	12.27	9.12	23.49	43.39	69.06	1.56	1515.00
4) Dekalb 2,350	58.09	11.04	7.99	23.03	41.10	69.31	1.57	1525.00	
5) Elite 46T07	2,300	65.53	*9.8	9.21	21.65	46.30	70.08	1.59	1612.00
6) Dekalb 27-44 check #2	2,200	61.30	12.35	8.46	22.07	47.18	69.85	1.58	1515.00
7) Elite Focus	2,200	n/a	10.24	n/a	n/a	n/a	n/a	n/a	n/a
8) Pioneer 39B90	2,200	59.91	14.24	7.84	22.94	46.65	69.36	1.57	1525.00
9) Maizex 1766	2,300	63.77	12.22	8.40	24.60	48.17	68.44	1.55	1547.00
10) Dekalb 27-44 check #3	2,200	61.71	11.57	8.73	24.08	46.34	68.73	1.55	1525.00
11) TMF 2N055	2,300	65.76	13.21	9.83	29.34	49.69	65.80	1.48	1257.00
12) NK N05-C	2,250	59.94	12.72	9.06	23.10	42.49	69.27	1.57	1450.00
13) Pickseed 22-72	2,275	58.40	13.72	8.30	22.48	44.25	69.62	1.58	1515.00
14) Dekalb 27-44 check #4	2,200	60.81	13.16	8.55	24.24	42.22	68.64	1.55	1515.00
15) Pickseed Silex BT	2,300	61.82	14.67	9.63	22.08	45.46	69.84	1.58	1547.00
16) Pride A4741	2,300	63.20	7.27	7.92	28.55	49.20	66.24	1.49	1418.00
Average of Check #1, #2, #3, #4			12.35						
Range ( 10% )			11.11 - 13.58						
Plot variability within suitable limits			Yes						
Average of all hybrids		61.60	11.34	8.68	24.04	45.44	68.75	1.55	1495.53

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 and raccoons damage were more prominent in the Elite 46T07RR plots ( +/- 10% damage)