

Nipissing District Environmental Farm Plan Workshop.

Contact Clare Venne
at 705-594-9194.

Breaking Ground (in Northeastern Ontario)

Temiskaming Crops Coalition 2004 *Annual Report*

2004 Canola demonstration plots at Ken and Monique Peplinski

Canola Plots / Harvest Results Oct 7, 2004
Ken and Monique Peplinski

Field Information

- Previous crops: barley, wheat
- soil type- New Liskeard Clay - muck across center
- tile drain @ 100ft
- seeded June 3th ,2004
- fertilizer : 90-34-55
- seeding rate +/- 5lbs/ac



Fungicide - Lance



Plots sprayed July 23rd

- Registered on canola, beans, lentils, chickpeas & potatoes
- canola - sclerotinia stem rot
- inhibits spores germination, mycelial growth on leaf surface
- apply at 20-50% flowering
- rate 142g/ac (\$22.50/ac)

Fungicide - Lance



- Economical benefits
- product \$22.50 + custom application \$7.00/ac = \$29.50/ac / application

Canola	Yield (lb)	Yield (bu)	Yield (t)
\$200	140b	210 bu	.1 tnc
\$225	150b	195 bu	.09 tnc
\$250	160b	180 bu	.08 tnc
\$275	170b	170 bu	.07 tnc

Variety	Graded Moisture %	Dockage %	Grade	Yield adjusted at 10%	t/ac	Yield Increase Treated	Yield Index Untreated	Yield Index Treated
Invigor 2643 +Lance	8.3 8.7	1.6 1.1	#1 #1	2,206 2,508	1.00 1.14	14% (302lbs)	107	101
Invigor 5020 +Lance	8 8	2.9 1.4	#1 #1	2,079 2,738	0.94 1.24	32% (659lbs)	101	111
Hyola 512RR +Lance	7.7 8.2	2 1.7	#1* #2 G	1,608 2,061	0.73 0.94	28% (453lbs)	78	83
Pioneer 45H21 +Lance	7.8 7.8	2 1.4	#1 #1	2,041 2,497	0.93 1.13	22% (456lbs)	99	101
Hyola 514 RR +Lance	6.9 7.1	2.6 2.4	#2 G #2 G	1,870 2,334	0.85 1.06	25% (464lbs)	91	94
Hyola 357RR +Lance	7.6 7.5	2 1.3	#1 #1	2,146 2,457	0.97 1.11	14% (311lbs)	104	99
Invigor 5030 +Lance	6.9 7	1.4 1.4	#1 #1	2,352 2,587	1.07 1.17	10% (235lbs)	114	105
Invigor 5070 +Lance	6.9 7.2	2.7 1.3	#1 * #1	2,041 2,488	0.93 1.13	22% (447lbs)	99	101
Invigor 2643 +Lance	6.6 6.6	1.8 1.5	#1 #1	2,168 2,595	0.98 1.18	19.69% (427lbs)	105	105

* borderline,

G = green seed

Harvesting the plots 123 days after seeding



Swathed Sept 15-16th , harvested October 7th, 2004

Thanks to Ken and Monique Peplinski for the extra work required to do these test plots.

Thanks to the following suppliers!

- Temiskaming Ag Center / Hyola varieties & Lance
- Terry Phillips
- Wabi View Elevators / Pioneer / Kevin Bunnell
- Cardinal Farm Supplies / Invigor varieties



Wayne Hawke

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