



the starter fertilizer company™

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800-265-2268

Alpine's "Phazed" Nutrition Trial - Canola

*Carlisle Farms
Carroll, Manitoba*

Foliar Sprayed:		Harvested:	September 18, 2009
Variety:	Invigor 5020	Planting Date:	May 24, 2009
Row Width:	12"	Replication:	1

<i>Treatment</i>	<i>Moisture</i>	<i>Bu/Acre</i>	<i>Advantage</i>
45N- 8P-9K-3S - plus foliar	9.0%	44.1 Bu	+17.8 Bu
90N-16P-18K-6S – no foliar	9.0%	35.5 Bu	+9.2 Bu
45N- 8P-9K-3S – no foliar	9.0%	33.6 Bu	+7.3 Bu
Check – seed only – no fertilizer	9.0%	26.3 Bu	

Notes:

In Soil Nutrients

28% - N
Alpine – P
Alpine K-Thio –K and S
½ litre Humic Acid with Alpine

Foliar Nutrients

- **cabbage/early bolt stage –Foliar #1**
Controlled Release 26-0-0 – N @ 3 litres
Alpine – P @ 2 litres
Alpine K-Thio -K – @ 2 litres
½ litre of Humic acid
- **40% flower - Foliar #2**
1 litre Alpine + 1 litre K-Thio + ½ litre humic

Total Foliar Package Cost: Approximately **\$19.00**

Other notes:

- 90 lbs N and 45 lbs N plus foliar looked very similar all year
- 45 lbs N no foliar, looked nice but smaller plants
- Check looked lighter in colour – smaller plants and stems
- Sprayed with one late trip of Liberty