



the starter fertilizer company™

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800-265-2268

Alpine's "Phazed" Nutrition Trial-Barley

*Carlisle Farms
Carroll, Manitoba*

Foliar Sprayed:	4-5 leaf stage	Harvested:	September 10, 2009
Variety:	New Dale 2 row malt	Planting Date:	May 19, 2009
Row Width:	12"	Replication:	2

<i>Treatment</i>	<i>Moisture</i>	<i>Bu/Acre</i>	<i>Advantage</i>
45N- 8P-9K-3S - plus foliar	14.5%	117.3 Bu	+45.8 Bu
90N-16P-18K-6S – no foliar	14.5%	89.0 Bu	+17.5 Bu
45N- 8P-9K-3S – no foliar	14.5%	85.8 Bu	+14.3 Bu
Check – seed only – no fertilizer	14.5%	71.5 Bu	

Notes:

In Soil Nutrients

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

Foliar Nutrients

- **4-5 leaf 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
- **Heading - Foliar #2**
1 litre Alpine + 1 litre K-Thio

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

Other notes:

- 90 lbs N was very lush, but it also had more disease, more logging and was more uneven.
- Foliar + 45 lbs N looked nice, very little disease, very even, no logging, looked quite healthy
- 45 lbs of N looked lighter in colour – very little disease
- Sprayed with Puma and Buctrial M with Foliar #1
- Proline applied at heading for disease control with Foliar #2