

ALPINE G22

OBJECTIVE:

The demonstration plot was set to determine the yield response of Durum wheat to applications of ALPINE G22®, 11-52-0 and combination of both products.

DEMONSTRATION SITE DATA:

Cooperator: Waverly Farms
Location: Yellow Grass, SK
Seeded: May 2004
Crop: Durum
Harvested: October 2004
Seeding Rate: 3 bu/a
Replications: 2
Plot Size: 0.32 a/ treatment
Base Fertility: 80 lbs N, 22 lbs K, 4 lbs S

TREATMENTS:

Plot 1: Check
Plot 2: ALPINE G22® @ 14 L/a
Plot 3: 11-52-0 seed placed @ 42 lbs/a
Plot 4: ALPINE G22® @ 14 L/a + 11-52-0 seed placed @ 42 lbs/a

SOIL TEST DATA:

Organic Matter	1.8	
Bicarb (P)	5 VL	
Potassium (K)	338 H	
Magnesium (Mg)	1200 H	
Calcium (Ca)	6790 M	
pH	Soil	8.2
	Buffer	
CEC	45.5	
Percent Base Saturation	% K	1.9
	% Mg	22
	% Ca	74.7
	% Na	

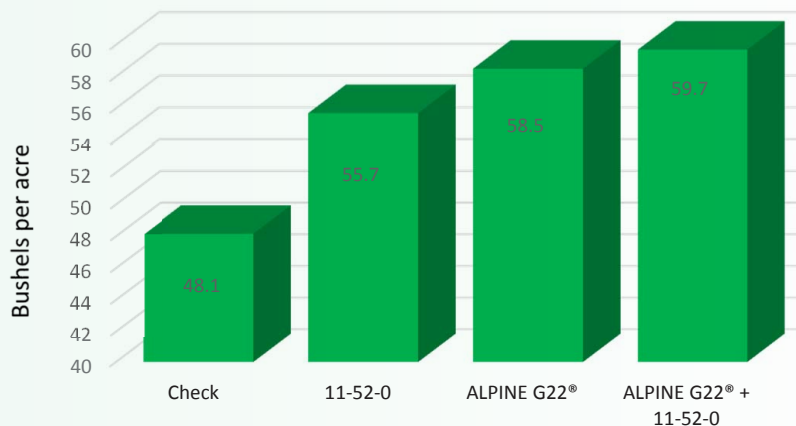


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RESULTS:

ALPINE G22® YIELD RESPONSE



Check ALPINE G22® 11-52-0

CONCLUSIONS:

- All treatments gave a yield response which was expected due to the low soil test of P.
- Combining the treatments produced the highest yield response.
- ALPINE G22® alone gave the highest ROI.

ALPINE ADVANTAGE:

+11.6 bu/a ALPINE G22® + Dry over check	+10.4 bu/a ALPINE G22® over check	+2.8 bu/a ALPINE G22® over dry
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