



Field Trial Results

Nitrogen Stabilizer Field Trial in Provost, AB

- NEON Surface was mixed with UAN solution at 1.5 L/tonne.
- 85 lbs of actual N was applied at seeding – 75 lbs side banded and 10 lbs with the seed.
- Wheat variety: AC Redwater.
- There was a \$1.25/bushel paid on the 2.4% increase in protein.

Treatment	Area (ac)	Yield (bu/ac)	Yield (% of Control)	Protein (%)
Untreated (UAN only)	80	49	100	12.5
NEON Surface (+ UAN)	80	53	108.2	14.9
Increase		4	8.2	2.4



4 bu/ac
Increase in Yield
+8.16%



2.4%
Increase in Total
Grain Protein

Treatment	Yield (bu/ac)	\$/bu (Based on Protein %)	Return (\$/ac)
Untreated (UAN only)	49	5.25	257.25
NEON Surface (+ UAN)	53	6.50	344.50
Gross Return Increase			87.25
NEON Surface Cost			6.20
Net Return Increase			81.05



\$1.25
Extra per Bushel
+23.81%



\$81.05/ac
Increase in Return
+33.92%