

### Soybean response to Headline foliar fungicide, Wishek, 2008.

(Greg Endres, Tim Indergaard and Blaine Schatz)

The soybean variety trial was direct-seeded into small grain stubble at 200,000 PLS/A (inoculated) with 7-inch row spacing on May 19 at the NDSU Carrington Research Extension Center Tri County off-station trial site near Wishek. Headline at 6 fl oz/A + NIS at 0.125% v/v was applied on July 31 to two of four replications of the trial across 34 varieties in the R3 (pod formation) stage with a tractor-mounted sprayer with 8002 nozzles delivering 14 gal/A at 30 psi with 67 F, 65% RH, and 5 mph wind. The trial was harvested with a plot combine on October 15.

Soybean maturity, and seed yield and quality were similar with Headline and the untreated check (Table).

Table.

Treatment <sup>1</sup>	PM	Yield	Test weight	Seeds/lb	Protein	Oil
	Jday	bu/A	lb/bu		%	%
Headline	259	33.2	57.2	3997	41.1	14.7
untreated check	259	33.8	57.3	4017	41.1	14.7
C.V. (%)	0.4	9.4	0.7	3.7	2.2	3.4
LSD (0.05)			NS			

<sup>1</sup>Headline = 6 fl oz/A + NIS at 0.125% v/v to R3 stage soybean.