

Soybean response to Headline foliar fungicide, Wishek, 2006. (Greg Endres, Tim Indergaard and Blaine Schatz)

The objective of this study was to measure soybean response to Headline fungicide. The soybean variety trial was direct-seeded in wheat stubble at 200,000 PLS/A (inoculated) with 7-inch row spacing on May 23, 2006 at the NDSU Carrington Research Extension Center Tri County off-station trial site near Wishek. Headline at 6 fl oz/A + NIS (Induce) at 0.125% v/v was applied on July 10 to two of four replications of the trial across 20 varieties in the R2 (full flower) stage with a hand-boom sprayer with TJ-60 8002 nozzles delivering 14 gal/A at 35 psi with 85 F, 32% RH, and 8 mph wind. The trial was harvested with a plot combine on October 5.

Soybean response to Headline was limited to slight increases in test weight and seed size (table).

Table. Soybean response to Headline foliar fungicide, Wishek, 2006.

Treatment <sup>1</sup>	PM days	Yield bu/A	Test weight lb/bu	Seeds/lb	Protein %	Oil %
Headline	120	31.0	57.4	2475	38.2	18.1
untreated check	119	33.5	57.0	2537	38.4	18.2
C.V. (%)	1.0	17.8	1.0	4.0	1.7	1.9
LSD (0.05)	NS	NS	0.3	46	NS	NS

<sup>1</sup>Fungicide=Headline at 6 fl oz/A + NIS at 0.125% v/v to soybean in the R2 stage.