

## Soybean Response to Headline Foliar Fungicide, Dazey, 2009

Greg Endres, Tim Indergaard and Blaine Schatz

The study was conducted to measure soybean response to Headline fungicide. The soybean variety trial was established on previous spring wheat ground using conventional tillage at the NDSU Carrington Research Extension Center Barnes County off-station trial site near Dazey. The trial was planted at 200,000 PLS/A with 7-inch row spacing on May 20. Headline at 6 fl oz/A + NIS at 0.125% v/v was applied on July 29 to two of four replications of the trial across 69 varieties in the R2-3 (full flower to early pod development) stage with a tractor-mounted sprayer with 8002 nozzles delivering 13 gal/A at 25 psi with 65° F, 66% RH, and 9 mph wind. The trial was harvested with a plot combine on October 27.

Plant development, and seed yield and quality were similar between Headline and the untreated check (Table).

Table. Soybean Response to Headline Foliar Fungicide.

Treatment <sup>1</sup>	PM Jday	Plant lodge (0-9)	Plant height cm	Yield bu/A	Test weight lb/bu	Seeds/lb	Protein %	Oil %
foliar fungicide	258	1	48	36.7	56.7	2970	35.9	19.6
untreated check	258	1	49	40.6	56.4	2882	36.7	19.4
C.V. (%)	0.5	36.2	17.4	17.9	1.2	2.9	1.5	1.4
LSD (0.05)					NS			

<sup>1</sup>Headline = 6 fl oz/A + NIS at 0.125% v/v to R2-3 stage soybean.