

Soybean Response to Headline Foliar Fungicide, Dazey, 2008

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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 16. Headline at 6 fl oz/A + NIS at 0.125% v/v was applied on July 24 to two of four replications of the trial across 22 varieties in the R2- (full-flower) stage with a tractor-mounted sprayer with 8002 nozzles delivering 14 gal/A at 30 psi with 73° F, 69% RH, and 7 mph wind. The trial was harvested with a plot combine on October 8.

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

Table. Soybean response to foliar fungicide. Dazey

Treatment ¹	PM Jday	Yield bu/A	Test			
			Weight lb/bu	Seeds/lb	Protein %	Oil %
Headline	258	35.2	58.1	4250	40.2	15.6
untreated check	257	32.4	58.2	4266	40.4	15.6
C.V. (%)	0.4	7.3	0.6	4	3.1	3.5
LSD (0.05)			NS			

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