Pinto Bean Response to Foliar Fungicide, Carrington, 2009
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A dryland field trial was conducted at the NDSU Carrington Research Extension Center to examine the performance of pinto bean with six treatments combining tillage systems and placement of fertilizer. In addition, two of four replications were treated with Headline fungicide to measure crop response in absence of foliar disease. 'Lariat' was planted at about 80,000 seeds/A in 30-inch rows on May 22. Headline at 6 fl oz/A + NIS (Induce) at 0.125% v/v was applied at R2-3 plant stage on July 28 with a hand-boom sprayer with 8001 flat-fan nozzles delivering 11 gpa at 35 psi. Plants were hand-pulled and windrowed on September 18, and seed harvested with a plot combine on September 29.

Physiological maturity, seed yield and test weight with Headline was similar to untreated check (table).

Table. Pinto Bean Response to Foliar Fungicide

Treatment[1]	PM	Yield	Test weight
	Jday	bu/A	lb/bu
foliar fungicide	250	2168	61.8
untreated check	249	2216	61.7
C.V. (%)	0.2	11.7	0.9
LSD (0.05)		NS	

[1]Headline = 6 fl oz/A + NIS (Induce) at 0.125% v/v to R2-3 stage pinto bean.