Pinto bean response to foliar fungicide, Carrington, 2010.

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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 a foliar fungicide to measure crop response in absence of foliar fungal disease. 'Lariat' was planted in 30-inch rows on May 26. Headline at 6 fl oz/A + NIS (Induce) at 0.125% v/v was applied at R2-4 plant stages on July 23 with a hand-boom sprayer with 80015 flat fan nozzles delivering 12 gpa at 35 psi. Plants were hand-pulled and windrowed on September 13, and seed harvested with a plot combine on September 16.

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

Table.

Treatment[1]	PM	Yield	Test weight
	Jday	bu/A	lb/bu
foliar fungicide	243	2943	59.6
untreated check	243	2972	59.7
C.V. (%)	0.9	8.7	0.8
LSD (0.05)		NS	

[1]Headline = 6 fl oz/A + NIS (Induce) at 0.125% v/v to R2-4 stage pinto bean.