

**North Central Research Extension Center—Minot  
2010 Wilbur Ellis Foliar Nitrogen Products on Field Pea**

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**Trial information**

- Design: RCB with three replicates
- Plot size: 7' x 25'
- Planting Date/Rate/Variety: April 26, 350 K PLS per acre, Agassiz
- Previous Crop/Tillage: Wheat/No till
- Seeding system: Air hoe drill on 9 inch spacing
- Fertility: Granular inoculant placed with the seed
- Treatment Application Date: June 24
- Application Equipment: CO<sub>2</sub> pressurized hand boom with 8001 flat fans @ 40 psi and 10 GPA
- Weed Control: Spartan + Roundup PRE, Volunteer POST
- Harvest Date: August 20

Treatment <sup>1</sup>	Timing	Rate gallon/acre	Test	Protein %	Seed Size seed/lb	Yield bu/A
			Weight lb/bu			
Untreated	--	--	62.6	23.9	1883.8	46.2
NDemand High End	pre-bloom	1.0	62.3	24.1	1868.3	51.6
NDemand 30L + WECO 1145	pre-bloom	1 + 0.5	62.4	23.6	1931.9	45.8
Weco 1145	pre-bloom	0.5	62.2	24.0	1868.3	46.9
LSD 5%	--	--	NS	NS	NS	NS
C.V. %	--	--	0.7	1.2	2.1	7.3
Mean	--	--	62.4	23.9	1887.7	47.6

<sup>1</sup> NIS at 0.25% v/v added with all treatments