

		Yield						Agronomics			
		Combined		Seed Treatment		No Seed Treatment		Test Weight		Moisture	
Variety	Company	bu/ac	Rank	bu/ac	Rank	bu/ac	Rank	lb	Rank	%	Rank
Golden		45.9	1	47.6	1	44.3	1	64.2	1	12.7	9
K2	Legume Logic	42.7	2	46.0	2	39.5	3	62.5	7	12.1	2
SW Midas	Legume Logic	40.9	3	40.9	4	40.8	2	63.6	3	12.4	6
Aragorn	Legume Logic	40.0	4	42.5	3	37.6	5	62.5	6	11.5	1
DS Admiral	Legume Logic	38.2	5	38.4	6	38.0	4	63.5	4	12.5	7
Fusion	Meridian Seeds	37.0	6	39.1	5	34.9	7	62.0	9	12.4	3
SW Capri	Meridian Seeds	36.5	7	37.1	7	35.9	6	63.1	5	12.4	5
Cooper	Meridian Seeds	33.5	8	32.1	8	34.8	8	62.4	8	12.5	8
Stirling		28.6	9	30.4	9	26.8	9	63.7	2	12.4	4
LSD (P=.05)		7.07		11.01		11.63		1.68		0.62	
Standard Deviation		6.06		6.36		6.72		1.44		0.53	
CV		15.87		16.17		18.17		2.28		4.30	
Grand Mean		38.15		39.34		36.96		63.06		12.31	

				Agronomics							
				Nodulation #		Nodulation Mass		Height		Lodging	
Variety	Company	Type	Maturity	1-9*	Rank	1-9*	Rank	Inches	Rank	1-9*	Rank
Golden		Yellow	Mid	5.8	9	6.5	9	18.8	8	4.8	7
K2	Legume Logic	Green	Mid	5.3	7	5.3	8	17.5	4	2.7	1
SW Midas	Legume Logic	Yellow	Early	5.5	8	4.5	6	18.7	7	4.0	4
Aragorn	Legume Logic	Green	Mid	3.8	3	3.5	2	16.8	3	5.0	8
DS Admiral	Legume Logic	Yellow	Early	3.5	2	3.8	3	19.0	9	3.7	3
Fusion	Meridian Seeds	Yellow	Mid	4.5	4	4.3	4	16.2	2	4.7	6
SW Capri	Meridian Seeds	Yellow	Early	3.5	1	3.3	1	18.3	6	2.8	2
Cooper	Meridian Seeds	Green	Late	4.8	6	4.5	5	17.8	5	4.5	5
Stirling		Green	Late	4.5	5	4.8	7	14.3	1	5.3	9
LSD (P=.05)				2.53		2.21		2.30		1.22	
Standard Deviation				1.73		1.51		1.97		1.05	
CV				38.02		33.85		11.25		21.67	
Grand Mean				4.56		4.47		17.50		4.83	
*1 = best & 9 = worst											

		Comments
Site history	Loam soil (Spring Wheat 2006)	<p>Growing season was very wet early on and all varieties were effected by fusarium root rot. The month of July was very dry. Yields have been adjusted to 16% moisture. Replicates treated with Trilex seed treatment overall yielded an average of 2.39 bu/a higher.</p>
Seeding Type	Zero-Till	
Location	Velva, ND - McHenry County	
Plot size	5 ft x 25 ft - 6 replicates	
Planting Date	April 28th, 2007	
Harvest Date	July 31st, 2007	
Inoculum	In furrow granule	
Herbicides	Spartan + Prowl	
Fungicide	Trilex seed treatment was applied to half the reps	