

2010 Conventional Soybean Variety Trial – Continuously Cropped - No-till

Hettinger

Variety	Maturity Group	Days to Mature	Plant Height	Test Weight	Oil Content	Protein Content	Grain Yield			Average Yield	
							2008	2009	2010	2 yr	3 yr
		*	Inches	Lbs/bu	%	%	----- Bushels per acre -----				
Sheyenne	0.8	108	37	56.7	20.9	29.5	24.1	28.1	33.1	30.6	28.4
Cavalier	00.7	100	34	55.7	21.7	29.6	15.5	21.9	26.6	24.2	21.3
Ashtabula	0.4	104	38	54.9	20.9	31.1		23.2	28.2	25.7	
Traill	00.0	102	35	55.7	20.9	33.2		21.5	26.6	24.0	
ProSoy	0.8	116	42	55.7	19.4	33.4		19.1	25.9	22.5	
Trial Mean		108	37	55.6	20.5	31.9	20.8	22.8	26.8	--	--
C.V. %		2.0	7.8	1.5	3.8	3.0	7.8	9.6	9.2	--	--
LSD .05		3	4	NS	NS	1.6	0.6	3.4	3.7	--	--
LSD .01		4	6	NS	NS	2.5	0.8	4.7	5.0	--	--

* Days to mature = the number of days from planting to physiologic maturity.
 NS = no statistical difference between varieties.

Planting Date: May 17

Harvest Date: September 30

Seeding Rate: 250,000 live seeds / acre (approx. 1.5 bu/A).

Row Spacing: 28"

Previous Crop: 2007 & 2008 = hrsw, 2009 = barley.

Note: The 2008 trial sustained heat and moisture stress.

The 2009 trial sustained moderate hail damage.