

**2010 Spring Camelina Variety Trial at Hettinger**

Variety	Days to Bloom *	Duration of Bloom days	Days to Mature *	Plant Height inches	Lodging 1 - 9**	Test Weight lbs/bu	Oil Content %	Seed Yield			Avg. Yield	
								2007	2008	2010	2 year	3 year
								pounds per acre				
Ligena	58	14	92	34	2.0	47.4	33.7	1360	1136	2835	1986	1777
Robinson	58	13	88	33	0.5	48.5	34.9	1707	832	2481	1656	1673
Galina	58	14	90	34	0.2	48.7	38.0	1387	899	2584	1742	1623
Suneson	58	13	88	34	1.8	48.4	36.8	1173	828	2215	1522	1405
Blaine Creek	59	14	90	35	0.8	48.6	36.0	1013	733	2370	1552	1372
Calena	58	14	91	34	0.2	49.7	35.2		903	2786	1844	
Trial Mean	58	14	90	34	0.9	48.7	35.8	--	886	2545	--	--
C.V. %	1.0	5.2	1.0	5.6	96	1.9	4.9	--	13.0	7.3	--	--
LSD .05	NS	NS	1	NS	1.3	1.4	2.7	--	168	279	--	--
LSD .01	NS	NS	2	NS	NS	NS	NS	--	226	386	--	--

\*Days to Bloom / Mature = the number of days from planting to 10% bloom or maturity.

\*\*Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 19, 2010

Harvest Date: July 28, 2010

Seeding Rate: 6 lbs/A

Previous Crop: 2006 = barley, 2007 = hrsw, 2008 = durum.

Note: The 2008 trial sustained severe late season heat and moisture stress.