

2006 Buckwheat Variety Trial – Continuously Cropped No-till

Hettinger

Variety	Days to Bloom	Plant Height	Test Weight	1000 Seed Weight	---- Grain Yield ----			Average Yield	
					2004	2005	2006	2 yr	3 yr
		inches	lbs/bu	grams	----- Pounds per acre -----				
Mancan	31	23	35.5	23.8	745	776	560	668	694
Koto	35	23	36.5	28.2	905	464	625	544	665
Manor	35	23	33.9	24.0	732	666	588	627	662
Koma	38	20	37.2	27.2			775		
Kade 2	37	19	33.0	27.7			719		
Kade 1	40	19	35.0	26.0			411		
Trial Mean	36	21	35.2	26.2	839	587	613	--	--
C.V. %	1.8	8.1	2.8	6.2	11.9	30.2	17.3	--	--
LSD .05	1	3	1.5	2.5	146	NS	160	--	--
LSD .01	1	NS	2.0	3.4	NS	NS	221	--	--

Planting Date: May 26, 2006

Harvest Date: September 19, 2006

Seeding Rate: 700,000 live seeds / acre.

Previous Crop: 2003 = soybean, 2004 & 2005 = barley.

NS = no statistical difference between varieties.

Notes: The 2006 trial sustained severe heat and moisture stress.