

**2004 Buckwheat Variety Trial – Continuously Cropped No-till, Hettinger**

Variety	Plant Stand*	Days to Bloom	Test Weight	---- Grain Yield ----			Average Yield	
	%		Lbs/bu	2000	2003	2004	2 yr	3 yr
				----- Pounds per acre -----				
AC Manisoba	97	48	38.3	371	381	1007	694	586
AC Springfield	90	46	37.6	330	393	991	692	571
Koto	90	48	40.5	210	361	905	633	492
Mancan	89	48	39.1	262	373	745	559	460
Koban	79	48	37.8	348	306	608	457	421
Manor	72	48	39.5			732		
Trial Mean	80	48	39.0	323	367	839	--	--
C.V. %	18.8	1.5	1.4	35.0	31.6	11.9	--	--
LSD .05	22	1	0.8	NS	NS	146	--	--
LSD .01	30	1	1.1	NS	NS	100	--	--

\* Visual estimation of plant stand on July 1, 2004.

Planting Date: May 25, 2004

Harvest Date: September 17, 2004

Seeding Rate: 700,000 live seeds / acre.

Previous Crop: 1999 = buckwheat, 2002 = soybean, 2003 = barley.

Notes: The 2003 trial sustained late season heat and moisture stress. The 2004 trial sustained a hard frost on June 18 (25° F) causing plant die-back.

NS = no statistical difference between varieties.