

2003 Flax - Continuously Cropped No-fill Hettinger

Variety	Days to Bloom	Plant Height inches	Test Weight lbs/bu	----- Grain Yield -----			Average Yield	
				2001	2002	2003	2 Year	3 Year
				----- bu/ac -----				
York	65	21	49.0	34.6	5.2	24.8	15.0	21.5
Shelby	62	23	48.6	29.8	5.7	24.0	14.8	19.8
CDC Arras	64	20	51.0	31.4	6.5	21.6	14.0	19.8
AC Watson	60	20	47.9	29.0	4.8	25.7	15.2	19.8
CDC Bethume	64	23	47.4	32.0	5.6	20.5	13.0	19.4
AC Carnduff	62	20	49.7	28.9	6.6	19.0	12.8	18.2
Cathay	63	22	48.2	28.6	5.3	19.5	12.4	17.8
Webster	60	23	50.5	29.0	5.8	17.9	11.8	17.6
Pembina	62	22	46.6	26.6	5.8	19.2	12.5	17.2
Neche	62	22	49.8	27.9	4.5	17.6	11.0	16.7
Nekoma	62	20	50.8	25.0	4.6	19.7	12.2	16.4
Rahab 94	64	20	50.7	26.7	5.0	17.1	11.0	16.3
Omega	65	22	49.4	25.3	2.9	20.2	11.6	16.1
Prairie Blue	65	22	46.6			26.8		
CDC Mons	65	20	48.6			20.0		
Hanley	59	19	49.7			19.5		
Trial Mean	63	21	49.2	28.8	5.2	20.6	--	--
C.V. %	2.1	6.6	6.5	8.5	15.2	11.8	--	--
LSD .05	2	2	NS	3.5	1.1	4.0	--	--
LSD .01	3	3	NS	4.6	1.5	5.4	--	--

Planting Date: April 24, 2003

Harvest Date: August 18, 2003

Seeding rate: 32 lbs/Acre

Previous crop: 2000 = fallow, 2001 & 2002 = barley.

Note: The 2001 trial sustained minor hail damage on June 18.

The 2002 trial sustained severe heat and moisture stress.

The 2003 trial sustained moderate heat and moisture stress.