

**North Central Research Extension Center—Minot
Flax Variety Trial on Fallow**

Variety	Days	Days	Plant Height	Seed Weight	Test Weight	Oil %	Seed Yield				
	to Flower	to Flower					2003	2004	2005	2	3
	DAP	DAP	in	g/1000	lb/bu		-----bu/A-----				
AC Hanley	51	63	24	5.0	53.2	42.9	32.1	18.1	43.3	30.7	31.2
AC Lightning	55	64	25	5.8	51.1	47.3	34.1	11.3	35.9	23.6	27.1
AC Watson	52	62	24	5.8	52.1	44.2	30.9	21.3	36.3	28.8	29.5
Bison	52	61	26	5.8	52.8	43.0	32.4	21.9	37.7	29.8	30.7
Carter	54	63	26	5.5	52.2	44.4	30.1	21.3	41.9	31.6	31.1
Cathay	53	63	28	6.0	52.3	45.3	31.7	19.1	41.5	30.3	30.8
CDC Arras	52	62	25	5.3	51.5	44.1	34.1	22.1	40.1	31.1	32.1
CDC Bethume	53	63	27	5.5	52.0	45.3	32.1	23.5	41.4	32.5	32.3
Linott	52	62	28	5.3	52.8	44.1	32.6	17.5	42.6	30.1	30.9
McGregor	53	64	26	5.0	52.7	43.8	34.1	20.4	43.7	32.1	32.7
Neche	52	62	28	5.5	52.5	43.9	34.3	21.3	43.0	32.2	32.9
Nekoma	52	62	24	5.5	52.6	44.9	37.4	20.0	41.9	31.0	33.1
Omega	55	63	25	5.8	51.8	44.2	33.5	18.5	33.5	26.0	28.5
Pembina	52	63	27	5.8	52.4	46.9	26.7	19.1	42.8	31.0	29.5
Prairie Blue	54	63	26	5.5	52.5	46.3	--	15.6	48.2	31.9	--
Rahab 94	52	63	26	5.8	53.2	45.0	27.3	16.2	41.6	28.9	28.4
Taurus	52	63	24	5.8	52.8	44.8	--	--	38.8	--	--
Webster	53	64	29	5.3	52.3	44.7	33.9	20.1	45.0	32.6	33.0
York	53	64	26	5.8	53.3	42.8	32.9	20.3	46.4	33.4	33.2
LSD 5%	1	1	2	0.5	0.3	0.8	NS	NS	5.5	--	--
C.V.%	1.4	1.5	6.4	4.3	0.4	1.3	16.5	24.5	9.6	--	--
Mean	52	63	26	5.6	52.4	44.4	32.2	20.1	41.1	--	--

DAP=Days after planting

Carter and Omega are yellow seed types

**North Central Research Extension Center—Minot
Flax Variety Trial—Benson County**

Variety	Days	Days	Plant Height	Seed Weight	Test Weight	Oil %	Seed Yield				
	to Flower	to Flower					2003	2004	2005	2	3
	DAP	DAP	in	g/1000	lb/bu		-----bu/A-----				
Carter	61	115	39	5.3	52.3	44.0	--	46.4	30.7	38.6	--
Cathay	64	113	39	5.5	52.2	43.9	--	41.5	32.5	37.0	--
Neche	62	114	39	5.5	52.9	43.7	--	31.0	34.6	32.8	--
Nekoma	59	114	39	5.5	53.1	44.7	--	42.6	37.7	40.2	--
Omega	52	112	38	5.5	52.3	43.9	--	42.5	28.7	35.6	--
Pembina	64	115	39	5.5	52.5	44.4	--	42.9	33.8	38.4	--
Rahab 94	59	115	38	5.8	52.3	43.8	--	33.3	32.3	32.8	--
York	58	115	39	5.5	53.5	42.5	--	45.2	42.0	43.6	--
LSD 5%	3	2	0.3	NS	0.2	0.3	--	4.8	3.1	--	--
C.V.%	4.0	1.1	0.5	3.0	0.2	0.5	--	8.1	6.2	--	--
Mean	60	114	39	5.5	52.6	43.9	--	40.7	34.0	--	--

DAP=Days after planting to 10% or 90%