

2003 Mustard - Continuously Cropped No-till

Hettinger

Variety	Days To First Flower	Duration of Bloom	Days To Maturity	Plant Height	Lodging	1000 Seed Weight	Yield			Avg. Yield	
							2000	2002	2003	2 yr	3 yr
Yellow											
				inches	0 - 9*	grams	----- lbs/ac -----				
AC Pennant	52	18	85	30	3.2	5.8	2040	504	1036	770	1193
AC Base	51	18	85	26	2.5	5.6	1827	513	849	681	1063
Tilney	52	18	86	32	3.8	5.4	1653	504	868	686	1008
Viscount	52	18	86	24	2.8	4.7	1667	448	840	644	985
Ace	52	17	85	35	3.5	5.3		504	868	686	
Andante	51	18	85	30	2.8	5.6			971		
Oriental											
Forge	55	18	87	28	2.0	3.8	2409	187	345	266	980
Brown											
Common	57	16	87	27	2.2	4.0			383		
Trial Mean	53	18	86	29	2.8	5.0	1922	404	770	--	--
C.V. %	0.9	3.5	1.4	30.3	43.7	12.2	6.2	15.8	9.6	--	--
LSD .05	1	1	NS	NS	NS	0.9	182	95	109	--	--
LSD .01	1	1	NS	NS	NS	1.2	252	130	148	--	--

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

Planting Date: April 21, 2003

Harvest Date: July 23, 2003

Seeding Rate: Yellow = 12 lbs/ac, Oriental & Brown = 6 lbs/ac.

Previous crop: 1999 = HRSW, 2001 = Fallow, 2002 = Barley.

NS = no statistical difference between varieties.

Notes: The 2002 trial sustained severe heat and moisture stress.