

2011 Oat Variety Trial at Hettinger

Variety	Days to	Plant	Lodging	Test	----- Grain Yield -----			Average Yield	
	Head	Height		Weight	2009	2010	2011	2 yr	3 yr
	*	inches	0-9**	lbs/bu	----- Bushels per acre -----				
Furlong	70	37	1	32.1	98.5	154.7	122.7	138.7	125.3
AC Pinnacle	70	35	0	32.9	98.5	159.6	117.5	138.6	125.2
CDC Minstrel	67	34	0	32.8	101.9	154.9	112.1	133.5	123.0
Stallion	67	37	3	32.7	91.3	151.2	120.6	135.9	121.0
Newburg	66	40	4	32.3	87.1	152.7	122.9	137.8	120.9
Killdeer	66	30	2	31.7	97.0	151.0	113.7	132.4	120.6
Monida	70	35	0	28.1	97.1	153.3	102.9	128.1	117.8
Souris	67	31	0	33.3	82.1	155.9	113.5	134.7	117.2
Rockford	66	38	2	36.2	90.6	145.8	113.5	129.6	116.6
Leggett	68	34	1	31.7	94.9	154.4	95.4	124.9	114.9
Beach	66	35	1	34.8	80.5	149.0	113.9	131.4	114.5
Morton	67	42	0	33.7	61.4	135.7	112.1	123.9	103.1
Jerry	66	33	0	34.2	70.2	133.8	92.0	112.9	98.7
CDC Dancer	70	36	0	30.3	75.0	145.9	67.7	106.8	96.2
Otana	67	41	0	26.6	72.9	139.6	67.2	103.4	93.2
Hystest	64	38	1	34.6	66.9	121.9	70.2	96.0	86.3
HiFi	68	36	2	31.8	85.9	140.1	103.8	81.3	82.8
Shelby 427	62	36	3	35.5		142.2	127.5	134.8	
<i>Naked (hulless) Varieties</i>									
Buff	62	36	1	36.8	57.7	103.2	114.5	108.8	91.8
Stark	70	39	2	36.1	59.5	95.8	90.9	93.4	82.1
Streaker	63	39	4	42.3		114.2	81.1	97.6	
Paul	71	35	1	40.3			47.1		
Trial Mean	67	36	1	33.5	85.1	143.8	104.1	--	--
C.V. %	1.1	5.1	55	3.7	9.8	5.8	4.1	--	--
LSD 5%	1	2	1	1.7	11.8	11.7	6.0	--	--
LSD 1%	1	3	2	2.3	15.6	15.5	7.9	--	--

* Days to Head = the number of days from planting to head emergence from the boot.

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

Planting Date: May 3

Harvest Date: August 9

Seeding Rate: 750,000 live seeds / acre (approx. 1.7 bu/A).

Previous Crop: 2008 = hrsw, 2009 = mustard, 2010 = field pea.

Note: The 2009 trial sustained moderate hail damage. The 2011 trial was moderately infected with barley yellow dwarf causing lower test weights and grain yields.