

NDSU Main Station * North Dakota Agricultural Experiment Station

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Oat Varieties						Cass County (Fargo)					
			Test Weight				Grain Yield		Ave. Yield		
				2	3				2	3	
Variety	2003	2004	2005	year	year		2003	2004	2005	year	year
	----- lb./bu. -----						----- bu./a. -----				
AC Assiniboia	40.0	41.7	40.9	41.3	40.9		177	194	171	182	181
Beach	44.5	42.6	43.2	42.9	43.4		186	188	137	163	171
Buff	47.1	41.5	45.0	43.3	44.5		139	167	129	148	145
CDC Boyer	40.8	48.9	37.2	43.0	42.3		159	168	128	148	152
CDC Dancer	42.8	41.8	41.1	41.4	41.9		168	199	126	163	164
Drumlin	--	--	39.5	--	--		--	--	155	--	--
Ebeltoft	41.5	40.3	36.7	38.5	39.5		179	192	144	168	171
AC Gwen	45.5	46.0	42.2	44.1	44.6		142	168	127	147	146
HiFi	41.5	41.9	40.5	41.2	41.3		181	193	179	186	185
Hyttest	43.4	44.2	42.5	43.4	43.4		147	154	123	139	141
Jerry	42.9	42.0	42.0	42.0	42.3		155	165	128	147	149
AC Kaufman	42.0	42.3	41.7	42.0	42.0		171	174	153	164	166
Killdeer	40.2	40.2	38.8	39.5	39.7		194	201	179	190	192

Leonard	38.0	38.1	38.8	38.4	38.3		196	193	170	182	186
Loyal	39.8	40.7	38.1	39.4	39.6		157	174	160	167	164
Maida	--	41.3	41.2	41.3	--		--	187	152	169	--
Marion	40.9	41.8	38.5	40.1	40.4		160	175	114	144	149
AC Medallion	41.4	40.7	40.0	40.3	40.7		171	196	140	168	169
Monida	--	35.7	35.9	35.8	--		--	168	78	123	--
Morton	41.5	42.5	41.2	41.8	41.7		189	170	131	151	163
Otana	41.3	36.0	37.4	36.7	38.2		165	164	78	121	136
Paul	49.8	49.6	48.3	49.0	49.2		143	158	110	134	137
AC Pinnacle	42.5	41.1	39.5	40.3	41.0		160	191	155	173	169
Reeves	40.5	41.9	41.9	41.9	41.4259		146	174	142	158	154
AC Ronald	42.4	40.1	41.1	40.6	41.2		170	209	158	184	179
Sesqui	40.3	40.3	37.9	39.1	39.5		155	182	121	152	153
Stark	47.5	47.6	42.5	45.0	45.9		162	179	151	165	164
Vista	--	40.7	38.5	39.6	--		--	199	187	193	--
Wabasha	39.8	40.5	40.4	40.4	40.2		163	170	149	159	161
Weaver	--	--	39.7	--	--		--	--	160	--	--
Youngs	41.3	39.6	36.4	38.0	39.1		184	184	150	167	172
HIGH MEAN	50.5	49.6	48.3				129	209	194		
LOWMEAN	38.0	35.7	35.9				56	154	78		
EXPMEAN	41.7	41.5	40.6				100	183	153		
C.V. %	2.5	2.96	4.329				10.7	7.66	8.37		

LSD5%	1.7	2.0	2.841				17	22.6	20.60		
LSD1%	2.3	2.6	3.755				22.7	29.9	27.20		
F VALUE	17.7	9.33	3.432				6.35	2.39	8.73		

[Go to Main Station 2005 Variety Trial Index \(http://www.ag.ndsu.nodak.edu/fargo/05data/index.htm\)](http://www.ag.ndsu.nodak.edu/fargo/05data/index.htm)

[Go to All Research Stations 2005 Variety Trial Index \(http://www.ag.ndsu.nodak.edu/aginfo/variety/index.htm\)](http://www.ag.ndsu.nodak.edu/aginfo/variety/index.htm)

[Go to NDSU Main Station \(http://www.ag.ndsu.nodak.edu/fargo/\)](http://www.ag.ndsu.nodak.edu/fargo/)

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