

Oat Varieties

Cass County ( Fargo)

Variety	Test Weight					Grain Yield			Ave. Yield	
	2008	2009	2010	2	3	2008	2009	2010	2	3
				year	year				year	year
	----- lb./bu. -----					----- bu./a. -----				
AC Assiniboia	37.7	38.8	39.7	39.2	38.7	205	200	177	189	194
Beach	39.6	42.6	40.4	41.5	40.9	219	188	189	189	199
Buff	45.4	41.0	47.6	44.3	44.6	168	150	152	151	157
CDC Dancer	38.5	40.7	40.6	40.7	39.9	216	204	177	190	199
Drumlin	38.3	39.8	39.3	39.6	39.2	216	214	191	202	207
Furlong	38.3	37.9	40.0	38.9	38.7	218	221	189	205	209
HiFi	38.4	39.9	40.6	40.2	39.6	224	218	190	204	211
Hyttest	42.1	42.8	42.5	42.7	42.5	185	149	154	151	163
Jerry	39.8	41.9	41.6	41.8	41.1	199	180	171	175	183
Killdeer	37.3	37.2	38.5	37.8	37.7	241	231	205	218	226
Leggett	38.0	39.4	39.4	39.4	38.9	213	190	186	188	196
Leonard	34.6	38.4	37.3	37.9	36.8	210	191	196	194	199
Minstrel	35.0	38.0	38.0	38.0	37.0	227	221	208	214	218
Monida	34.8	33.7	32.4	33.0	33.6	223	196	183	189	201
Morton	41.1	39.6	39.3	39.4	40.0	207	188	166	177	187
Otana	36.6	37.8	37.0	37.4	37.1	203	201	171	186	192
Paul	47.0	43.8	46.2	45.0	45.7	156	140	145	143	147
AC Pinnacle	36.2	38.5	38.4	38.4	37.7	231	228	196	212	218
Rockford	40.7	40.2	41.6	40.9	40.9	221	224	190	207	212
AC Ronald	38.4	39.2	39.9	39.6	39.2	208	210	195	203	204
Shelby427	--	--	41.5	--	--	--	--	167	--	--
Souris	39.2	39.5	40.1	39.8	39.6	229	204	191	198	208
Stallion	38.5	41.4	40.7	41.0	40.2	205	181	167	174	184
Stark	43.3	39.5	44.3	41.9	42.4	171	173	159	166	168
Streaker	--	48.2	48.6	48	48.4	--	141	131	136	--
Trucker	--	--	42.5	--	--	--	--	138	--	--
Weaver CDC	36.6	37.1	37.6	37.3	37.1	209	213	177	195	200
Youngs	36.0	37.2	38.6	37.9	37.3	208	212	181	197	200

HIGH MEAN	47.0	48.2	48.6			241	233	211		
LOW MEAN	34.6	33.7	32.4			156	140	131		
EXP MEAN	39.1	40.1	40.3			209	193	184		
C.V.%	1.56	2.2	2.4			3.32	9.6	6.6		
LSD 5%	0.98	1.4	1.6			11.2	30.1	19.5		
LSD 1%	1.30	1.9	2.1			14.8	39.8	25.7		
F VALUE	33.55	13.6	16.2			12.8	4.0	6.0		