

**NDSU Carrington Research Extension Center  
2002 Variety Trial Data**

**Oat - Organic** **Dickey County - Fullerton (Carrington REC)**

Variety								-- Grain Protein		-- Grain Yield		
	Plant Stand	Plant Vigor	Canopy Cover	Plant Lodge	Height 1-2 L.S.	Height 5-6 L.S.	Height Mature	2-yr. Avg.	Test Weight	2-yr. Avg.		
	ft-2	1 to 9	1 to 9	0 to 9	inch	inch	inch	----- % -----	lb/bu	----- bu/ac ----		
AC Assiniboia	27.3	7.5	8.3	1.0	4.6	13.8	28.9	12.6	13.5	23.8	45.9	59.7
Buff	28.1	2.0	1.0	2.3	3.8	17.2	23.9	17.3	--	33.2	15.7	--
Ebeltoft	29.2	4.5	5.0	0.7	3.5	14.4	26.1	12.9	12.5	23.1	48.3	62.6
HiFi	28.1	4.0	9.0	1.0	4.0	15.1	28.3	12.7	12.6	23.1	40.2	58.6
Hytest-C	30.2	9.0	3.0	2.0	4.7	17.6	28.3	14.4	14.6	28.0	34.4	41.3
Hytest-O	30.5	8.5	1.7	3.0	4.9	16.5	27.4	15.4	15.5	29.1	29.9	38.7
Leonard	32.8	4.0	3.7	2.0	4.2	16.7	25.7	13.1	--	28.3	52.1	--
Morton	29.9	6.0	7.7	1.3	4.7	15.6	29.5	12.8	12.8	24.0	46.3	54.2
Otana-C	31.1	3.5	5.7	5.0	4.1	16.5	26.5	13.1	12.6	29.7	43.9	54.5
Otana-O	34.7	4.0	5.7	2.3	3.5	16.1	26.9	13.2	13.0	28.2	41.9	49.7
Richard	28.1	4.5	6.3	1.7	4.2	17.2	26.4	12.4	--	23.9	50.1	--
Sesqui	34.9	5.0	3.0	2.7	4.2	17.2	23.9	14.0	14.3	30.1	51.3	64.1
Triple Crown	32.0	4.5	5.7	1.0	4.2	14.6	31.2	12.0	12.8	14.1	19.2	34.8
Wabasha	32.2	3.0	1.7	3.3	3.7	17.3	25.5	14.5	13.7	28.5	35.5	49.1
Youngs	28.9	4.5	7.0	0.3	3.8	16.9	30.8	13.3	13.5	21.3	40.1	57.1
MEAN	30.5	5.0	5.0	2.0	4.2	16.2	27.3	13.6	--	25.9	39.6	--
C.V.%	15.1	27.4	28.5	54.4	11.6	4.4	5.0	4.0	--	6.8	10.8	--
LSD.05	NS	1.9	2.4	1.8	0.7	1.2	2.3	0.8	--	2.5	6.1	--

**Planting Date = May 14; Harvest Date = August 14; Previous Crop = Oat Green Manure**

Vigor and Canopy Scores, 1 to 9; 1 = Poor and 9 = Best

Vigor scored at 1st leaf stage. Canopy scored at 5-6 leaf stage.

C=conventionally-grown seed source; O=organically-grown seed source