

**2004 Oat/Barley Forage Trial - Chemical Fallow**

**Dickinson, ND**

Variety	Height	Harvest	DM			
		Moisture	Yield	CP <sup>1</sup>	ADF	TDN
	--- inches ---	----%----	Ton/ac	----- % -----		
Haybet barley	20	65	1.3	17.6	31	65
Hays barley	17	66	1.2	18.5	31	65
AC Assiniboia oat	26	53	1.1	11.0	37	61
AC Ronald oat <sup>2</sup>	25	73	0.9	17.1	34	63
Ebeltoft oat	25	57	1.1	12.6	38	59
Ensiler oat	29	68	1.2	14.2	40	58
Forage Plus oat	28	56	1.3	12.5	38	60
HiFi oat	26	65	1.2	14.1	38	59
Jerry oat	26	63	1.1	11.3	44	55
Killdeer oat	22	54	1.3	10.0	42	56
Morton oat	29	66	1.3	13.5	39	59
Paul oat	28	50	1.2	10.0	40	58
Stark oat	29	52	1.3	9.7	39	59
Trial Mean	24	58	1.2	12.7	38	60
C.V. %	9.1	3.3	18.0	12.1	5.5	2.7
LSD .05	3	3	0.3	3.2	4	3

Growth Stage at harvest: Soft Dough.

<sup>1</sup>CP=Crude Protein, ADF=Acid Detergent Fiber, TDN =Total Digestible Nutrients.

<sup>2</sup>Harvested at Late Milk stage.

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Variety	Harvest	12%	DM yield			
	Moisture	Moisture	2002	2003	2004	2 yr avg
	-%-	-Tons/ac-	----- Tons/ac -----			
Haybet barley	65	1.5	2.0	2.1	1.3	1.7
Hays barley	66	1.4	--	2.2	1.2	1.7
AC Assiniboia oat	53	1.3	--	1.7	1.1	1.4
AC Ronald oat	73	1.0	--	--	0.9	--
Ebeltoft oat	57	1.2	--	1.7	1.1	1.4
Ensiler oat	68	1.4	--	1.9	1.2	1.6
Forage Plus oat	56	1.5	1.8	2.2	1.3	1.8
HiFi oat	65	1.4	--	1.5	1.2	1.4
Jerry oat	63	1.2	--	2.0	1.1	1.6
Killdeer oat	54	1.5	--	2.3	1.3	1.8
Morton oat	66	1.5	--	1.9	1.3	1.6
Paul oat	50	1.4	2.0	1.8	1.2	1.5
Stark oat	52	1.4	--	--	1.3	--
Trial Mean	58	1.4	2.0	1.9	1.2	--
C.V. %	3.3	18.0	15.3	18.2	18.0	--
LSD .05	3	0.4	NS	NS	0.3	--