

**NDSU:Carrington Research Extension Center
2003 Variety Trial Data**

Forage Oat	Carrington
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Variety	Days to Heading	Plant Lodging	----- First Cut -----								Harvest Date	Second Cut		Combined Yield dry wt. ton/ac
			Plant Height	Harvest Moisture	Yield	CP	ADF	NDF	TDN	RFV		Plant	Yield	
			inch	%	dry wt. ton/ac							Height	dry wt. ton/ac	
		0-9	----- % Dry Matter -----					inch	ton/ac	ton/ac				
AC Assiniboia	73.0	0.0	43.5	76.7	3.24	11.5	39.8	59.8	58.0	90.1	16-Jul	18.1	0.33	3.58
Ebeltoft	72.3	0.0	39.5	78.8	3.19	13.4	41.7	58.4	56.4	90.0	14-Jul	17.1	0.34	3.53
Ensiler	74.0	1.0	46.4	78.4	3.12	10.8	45.0	63.9	53.8	78.5	16-Jul	17.9	0.25	3.38
Forage Plus	78.0	0.0	44.5	80.8	3.30	10.8	43.2	64.3	55.3	80.1	18-Jul	15.9	0.35	3.66
HiFi	70.3	0.0	40.7	77.8	3.07	12.0	43.6	61.8	54.9	82.5	11-Jul	18.8	0.38	3.46
Jerry	68.5	0.0	41.9	76.1	2.98	12.3	41.9	60.2	56.3	86.9	11-Jul	18.9	0.40	3.38
Killdeer	69.5	0.0	35.6	76.5	2.96	10.5	42.5	65.8	55.8	79.0	11-Jul	17.8	0.63	3.59
Loyal	70.8	1.3	43.9	76.3	3.20	12.1	41.7	61.7	56.5	85.1	14-Jul	18.0	0.31	3.51
Magnum 2000	71.3	0.0	48.0	81.7	2.59	12.2	41.4	59.1	56.7	89.2	11-Jul	21.7	0.23	2.81
Mammoth	74.5	1.0	53.3	78.8	3.19	10.2	44.2	62.3	54.5	81.3	18-Jul	16.8	0.19	3.38
Morton	69.8	0.0	42.5	79.3	3.01	12.4	42.8	61.7	55.6	84.1	11-Jul	20.3	0.51	3.51
Paul	72.8	1.3	46.1	76.6	3.28	10.4	41.8	59.3	56.3	88.5	18-Jul	20.1	0.28	3.56
Sesqui	70.5	0.0	38.5	77.4	3.01	11.5	42.3	63.7	56.0	81.8	16-Jul	19.6	0.67	3.68
Triple Crown	72.3	0.0	47.0	77.0	3.34	10.5	41.7	62.2	56.4	84.5	16-Jul	17.0	0.26	3.59
Youngs	70.3	0.5	44.2	79.8	2.79	13.0	42.9	60.5	55.5	85.4	11-Jul	18.0	0.20	2.99
Mean	71.8	0.4	42.4	77.8	3.02	11.6	42	61.3	56.2	85.4	--	18.2	0.36	3.38
C.V.%	0.9	157.6	5.0	1.9	10.3	12.4	3.4	3.5	2	4.4	--	12.2	36.7	10.2
LSD.05	1.0	0.8	3.0	2.0	0.45	NS	2.3	3.5	1.8	6.3	--	2.9	0.19	0.49
#Reps	4	4	4	4	4	3	3	3	3	3	--	4	4	4

Trial information:

Trial Planted: May 2
 Seeding rate: 1.2 m PLS/ac
 Previous Crop: Soybeans
 N applied in trial = 0, Fall 2002 soil test, 44 lbs. N 0-24"
 No herbicides or handweeding used
 First Cut treatments cut early milk on panicle tip
 Second cut treatments cut August 8, most vt's in milk stage