

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

Cool-Season Forages	Carrington
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Forage Treatment	Type	-- Plant Height --			-- Yield --								Harvest Stage	Days to Harvest	Harvest Date
		Plant Lodge	Cereal	Legume	Harvest Moisture	Dry @ 15%	wt.	CP	ADF	NDF	TDN	RFV			
		0-9	-- inch --		%	-- ton/ac --		----- %DM -----							
CDC Nexon	spring spelt	3.5	41.7	.	80.1	3.47	2.95	15.6	40.4	56.8	57.5	94	headed 4 days	72	11-Jul
Croa/Arvika	forage oat/forage pea	3.8	36.1	52.2	85.0	3.37	2.87	19.5	40.2	52.6	57.6	102	late boot/flat pod	79	18-Jul
Croa/Forager	forage oat/forage pea	3.8	36.8	52.1	86.0	3.46	2.94	19.9	36.7	53.7	60.3	109	late boot/pods swelled	79	18-Jul
Croa/Journey	forageoat/forage pea	0.0	38.8	41.6	84.7	3.81	3.24	17.7	39.5	49.5	58.1	109	late boot/flat pod	79	18-Jul
Forage Plus	forage oat	2.8	43.6	.	79.8	4.39	3.73	12.2	42.8	59.6	55.6	87	early milk	77	16-Jul
Forage Spelt	forage spelt x wheat	0.3	51.4	.	74.4	3.50	2.98	17.6	39.2	52.4	58.3	104	anthesis complete	68	7-Jul
Haybet	awnless barley	4.0	37.1	.	72.9	3.67	3.12	13.5	36.8	50.6	60.2	111	early dough	68	7-Jul
Hays	awnless barley	0.5	37.5	.	76.0	4.18	3.55	15.1	40.0	56.8	57.8	94	early dough	68	7-Jul
Jerry	grain oat	0.0	43.6	.	75.9	4.24	3.60	16.0	40.3	56.4	57.6	96	early milk	68	7-Jul
Lazer/Arvika	triticale/forage pea	4.8	46.9	46.0	82.6	3.07	2.61	22.7	42.9	51.9	55.5	100	headed/full flower	64	3-Jul
Lazer/Forager	triticale/forage pea	4.3	47.3	44.1	82.4	2.97	2.52	22.2	43.0	55.3	55.4	93	headed/full flower	64	3-Jul
Lazer/Journey	triticale/forage pea	0.5	49.0	41.5	82.3	2.82	2.40	19.6	40.9	57.5	57.1	92	headed/30 % flower	64	3-Jul
Lucille	emmer	0.5	38.4	.	75.4	3.87	3.29	12.3	42.3	60.1	56.0	87	50 % headed	68	7-Jul
Paul/Kebir	naked oat/forage pea	0.8	44.0	42.3	82.2	3.32	2.82	15.7	40.8	53.9	57.2	99	headed/full flower	72	11-Jul
Paul/Magnus	naked oat/forage pea	1.5	42.5	43.9	81.5	3.67	3.12	17.8	40.9	54.0	57.1	99	headed/flat pod	72	11-Jul
Paul/Numitor	naked oat/forage pea	1.0	42.6	37.9	80.6	3.47	2.95	16.5	39.2	55.1	58.4	99	headed/pods swelled	72	11-Jul
Paul/WS130	naked oat/forage pea	3.3	41.4	43.4	80.0	3.62	3.07	16.2	42.5	55.5	55.6	94	headed/pods swelled	72	11-Jul
Sandro	triticale	0.0	42.9	.	77.1	3.39	2.88	16.4	39.1	57.2	58.4	95	anthesis	68	7-Jul
Spineless Safflower	common	0.0	37.4	.	83.0	2.10	1.79	19.7	35.1	42.4	61.6	135	bud	68	7-Jul
Succotash	oat/wheat/barley	0.0	43.5	.	77.1	3.80	3.23	14.1	36.6	51.4	60.4	110	*multiple stages	68	7-Jul
Mean		1.8	42.1	44.5	79.9	3.51	2.98	17.1	40.0	54.1	57.7	79.4			
C.V.%		65.2	4.6	7.2	1.9	11.4	11.4	12.5	5.4	7.9	2.9	8.9			
LSD.05		1.6	2.7	4.6	2.1	0.57	0.48	3.1	3.1	6.1	2.4	12.8			

Planting date: April 30; Previous crop: Soybeans

Fall 2002 soil test: 45 lb/ac N; NH3 fall applied = 100 lb/ac; Peas were inoculated

***succotash harvest stage:**

oats (paul) 65% headed, wheat (parshall) anthesis complete, barley (haybet) early dough