

**NDSU Carrington Research Extension Center  
2006 Variety Trial Data**

**Cool-Season Forages** **Carrington**

Variety	Plant type	Plant Height			Plant Lodge 0-9	Harvest Moisture %	Yield		CP	ADF	NDF	Ca	Phos	Mg	Pot	TDN	RFV	Harvest Stage	Harvest Date	Days to Harvest
		Cereal inch	Legume inch	15% M			Dry wt. ac													
Stark	Naked Oat	40.3	.	0.0	67.6	4.0	3.4	13.6	32.0	55.4	0.29	0.23	0.22	2.56	63.9	107	Early milk	14-Jul	67	
Paul	Naked Oat	42.3	.	1.5	69.9	4.1	3.5	13.0	36.8	58.1	0.26	0.24	0.21	2.56	60.2	97	Early milk	14-Jul	67	
Haybet	Forage Barley	35.7	.	1.0	73.6	3.5	3.0	14.1	34.0	53.7	0.37	0.24	0.23	2.48	62.5	108	Early dough	10-Jul	58	
Hayes	Forage Barley	31.9	.	0.0	64.1	4.6	3.9	12.2	31.2	51.6	0.29	0.26	0.18	2.42	64.4	117	Early dough	14-Jul	67	
Jerry	Traditional Oat	39.4	.	0.0	73.0	3.5	3.0	13.0	36.6	57.6	0.23	0.22	0.21	2.62	60.4	98	Milk	10-Jul	63	
Souris	Traditional Oat	37.0	.	0.0	74.6	3.6	3.1	12.7	35.1	56.3	0.30	0.23	0.22	2.59	61.6	102	Early milk	10-Jul	63	
NDSU Exp. Oat	Traditional Oat	37.6	.	0.0	76.2	3.4	2.9	13.4	35.5	56.1	0.32	0.25	0.20	2.85	61.2	101	Early milk	10-Jul	63	
Paul/Arvika	Oat / Forage Pea	39.7	38.8	1.0	70.6	3.5	3.0	16.5	34.6	50.4	0.55	0.26	0.25	2.68	62.0	115	Early milk/swelled pods	14-Jul	67	
Paul/Indian Head	Oat / Lentil	40.1	20.5	0.0	67.8	4.0	3.4	13.1	35.6	55.5	0.31	0.24	0.25	2.63	61.2	103	Early milk/flat pods	14-Jul	67	
Haybet/Arvika	Barley / Forage Pea	34.9	40.6	4.5	76.0	3.3	2.8	15.4	34.7	52.5	0.56	0.26	0.21	2.66	61.8	110	Early dough/flat pods	10-Jul	63	
Indian Head	Lentil	20.6	.	3.3	74.0	2.1	1.8	18.7	31.0	37.7	1.18	0.35	0.29	3.23	64.7	161	Full flower-flat pods	10-Jul	63	
Arvika	Forage Pea	48.2	.	2.5	82.8	2.2	1.9	22.0	31.4	37.0	1.09	0.37	0.33	3.13	64.4	162	Full flower	5-Jul	58	
Admiral	Grain Pea	33.5	.	0.0	79.8	2.5	2.2	17.8	31.7	37.7	0.93	0.28	0.25	2.58	64.2	158	Flat pods	5-Jul	58	
Paul/Kibir	Oat / Forage Pea	40.0	38.3	2.0	70.3	3.8	3.3	15.3	34.0	53.4	0.49	0.24	0.25	2.71	62.4	109	Early milk/small pods	14-Jul	67	
Everleaf/Piper	Forage Oat / Sudan	29.6	18.0	0.0	82.5	2.9	2.4	16.1	34.5	55.1	0.40	0.28	0.25	4.15	62.0	105	Boot/vegetative	10-Jul	63	
Pulse USA#1/Ever70/30	Forage Pea / Forage Oat	32.3	34.3	2.0	73.4	3.2	2.7	15.7	34.8	49.7	0.60	0.24	0.32	3.38	61.8	116	Watery ripe-early milk/mature pods	20-Jul	73	
Pulse USA#2/Ever70/30	Forage Pea / Forage Oat	31.8	34.7	1.5	67.9	3.6	3.0	16.0	33.5	47.5	0.62	0.27	0.26	2.24	62.8	124	Watery ripe-early milk/mature pods	20-Jul	73	
Journey/Everleaf 70/30	Forage Pea / Forage Oat	30.5	34.2	0.3	65.8	3.4	2.9	14.3	35.8	51.9	0.51	0.24	0.30	3.46	61.0	110	Watery ripe-early milk/mature pods	20-Jul	73	
Sonata/Everleaf 70/30	Forage Pea / Forage Oat	33.9	30.3	0.0	72.3	3.6	3.0	16.1	33.3	50.0	0.55	0.27	0.29	3.38	63.0	117	Watery ripe-early milk/mature pods	20-Jul	73	
P.USA#1/Everleaf 60/40	Forage Pea / Forage Oat	34.0	37.5	2.3	70.1	3.6	3.1	15.3	34.2	49.9	0.53	0.24	0.28	3.15	62.3	116	Watery ripe-early milk/mature pods	20-Jul	73	
P.USA#2/Everleaf 60/40	Forage Pea / Forage Oat	34.4	39.9	0.5	69.8	3.7	3.2	15.2	35.5	53.3	0.50	0.25	0.25	3.34	61.3	107	Watery ripe-early milk/mature pods	20-Jul	73	
Journey/Everleaf 60/40	Forage Pea / Forage Oat	31.8	33.4	0.0	70.7	3.5	3.0	14.1	36.0	51.5	0.46	0.25	0.26	3.58	60.9	110	Watery ripe-early milk/mature pods	20-Jul	73	
Sonata/Everleaf 60/40	Forage Pea / Forage Oat	32.2	28.5	0.3	71.7	3.5	3.0	15.0	35.6	53.5	0.51	0.23	0.28	3.84	61.2	107	Watery ripe-early milk/mature pods	20-Jul	73	
Pulse USA #1 100	Forage Pea	41.2	.	1.5	82.5	1.9	1.6	20.8	29.9	37.7	0.87	0.30	0.32	2.79	65.6	162	Full flower-flat pods	5-Jul	58	
Pulse USA #2 100	Forage Pea	50.4	.	1.0	81.7	2.2	1.9	20.1	30.6	37.7	1.06	0.33	0.28	2.65	65.0	162	Flat pods	5-Jul	58	
Journey 100	Forage Pea	49.4	.	2.3	83.0	2.0	1.7	18.1	34.6	41.2	1.04	0.31	0.29	2.78	61.9	140	Swelled pods	5-Jul	58	
Sonata 100	Forage Pea	37.0	.	1.5	83.8	2.1	1.8	20.9	28.3	33.5	1.12	0.33	0.30	3.68	66.9	186	Full flower	5-Jul	58	
P.USA#1/Everleaf 70/30GC	Forage Pea / Forage Oat	25.2	29.9	0.8	82.5	2.4	2.0	19.3	27.8	42.2	0.62	0.31	0.29	4.27	67.3	152	Boot/flat pods	5-Jul	58	
P.USA#2/Everleaf 70/30GC	Forage Pea / Forage Oat	27.6	39.6	1.0	82.6	2.7	2.3	20.5	28.8	39.5	0.63	0.31	0.33	4.28	66.5	156	Boot/flat pods	5-Jul	58	
Journey/Everleaf 70/30GC	Forage Pea / Forage Oat	25.6	29.7	0.0	82.5	2.6	2.2	19.4	30.0	41.9	0.68	0.33	0.24	3.89	65.5	146	Boot/full flower	5-Jul	58	
Sonata/Everleaf 70/30GC	Forage Pea / Forage Oat	24.7	26.6	0.0	81.8	2.6	2.2	19.4	26.3	40.7	0.57	0.30	0.28	4.20	68.4	157	Boot/flat pods	5-Jul	58	
P.USA#1/Everleaf 60/40GC	Forage Pea / Forage Oat	27.5	30.5	0.0	83.8	2.5	2.1	19.5	28.8	39.4	0.73	0.33	0.27	3.75	66.5	158	Boot/flat pods	5-Jul	58	
P.USA#2/Everleaf 60/40GC	Forage Pea / Forage Oat	27.4	35.2	0.3	82.7	2.8	2.4	18.8	30.0	40.9	0.65	0.31	0.25	4.01	65.5	149	Boot/flat pods	5-Jul	58	
Journey/Everleaf 60/40GC	Forage Pea / Forage Oat	26.8	28.8	0.0	82.2	2.7	2.3	20.1	29.1	41.4	0.66	0.32	0.27	4.01	66.3	149	Boot/flat pods	5-Jul	58	
Sonata/Everleaf 60/40GC	Forage Pea / Forage Oat	26.4	25.9	0.0	82.8	2.4	2.1	19.8	30.9	42.3	0.53	0.31	0.26	4.36	64.8	143	Boot/full flower	5-Jul	58	
	Mean	34.3	32.2	0.9	75.9	3.1	2.6	16.7	32.7	47.3	0.60	0.28	0.26	3.22	63.4	129				
	C.V.%	6.6	11.4	96.1	2.8	11.8	11.8	7.1	6.0	5.2	16.1	8.2	14.8	11.8	2.4	6.5				
	LSD .05	3.2	5.1	1.2	2.8	0.5	0.4	1.9	3.2	4.0	0.16	0.04	0.06	0.62	2.4	14				

**Planting Date = May 18; Previous Crop = Spring Wheat**