

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

Cool-Season Cereal-Pea Forage	Carrington
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Forage Treatment	Forage Type	Harvest Stage	Days to Bloom	Days to Heading	Plant Height		Plant Lodge 0-9	Harvest Moisture %	Forage DM Yield ton/ac
					Legume inch	Cereal inch			
4010/Stockford	forage pea/forage barley	flat pod/2 days after head	55.7	59.0	42.4	35.0	1.0	75.1	3.45
4010/AKF Axcel	forage pea/forage barley	flat pod/2 days after head	56.0	58.7	40.4	35.4	0.7	71.8	4.03
4010/Everleaf 114	forage pea/forage oat	flat pod/late boot	55.0	.	37.8	30.1	0.7	76.8	3.80
4010/Rockford	forage pea/grain oat	flat pod/3 days after head	56.0	57.3	38.8	38.2	0.3	75.6	3.65
Flex/Everleaf 126	forage pea/forage oat	flat pod/boot	57.0	.	35.6	30.6	0.7	80.1	3.28
Fergie/Stockford	forage pea/forage barley	flower/2 days after head	53.0	58.7	36.4	35.0	0.0	71.7	4.22
Fergie/AKF Axcel	forage pea/forage barley	flower/2 days after head	52.7	58.7	40.4	34.6	0.0	70.7	4.19
Fergie/Everleaf 126	forage pea/forage oat	flower-flat pod/boot	54.0	.	32.7	30.6	0.0	81.9	3.01
Fergie/Rockford	forage pea/grain oat	flat pod/watery ripe	52.7	57.7	38.7	40.3	0.0	75.6	3.55
Fergie/Everleaf 114	forage pea/forage oat	flat pod/boot	60.3	.	30.3	29.0	0.0	80.7	3.17
Icicle/Everleaf 114	forage pea/forage oat	flower/boot	60.3	.	30.2	30.2	0.0	80.6	3.43
Icicle/Everleaf 126	forage pea/forage oat	flower/late boot	52.7	.	33.7	31.6	0.0	79.1	3.12
Mean			55.4	58.3	36.5	33.4	0.3	76.6	3.58
C.V. (%)			1.4	0.8	4.9	4.7	164.8	2.6	13.8
LSD 0.10			1.1	0.7	2.5	2.2	0.6	2.8	0.70
LSD 0.05			1.3	0.9	3.0	2.7	0.8	3.3	0.84

Planting Date = May 5; Harvest Date = July 5; Previous Crop = Soybean

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Cool-Season Cereal-Pea Forage											Carrington	
Forage treatment	CP	ADF	NDF	TDN	Ash	Ca	P	Mg	K	S	RFV	RFQ
	%	%	%	%	%	%	%	%	%	%		
4010/Stockford	17.0	32.4	49.8	61.0	10.8	0.88	0.33	0.29	2.83	0.27	119	144
4010/AKF Axcel	17.5	32.0	48.7	60.8	10.6	0.94	0.32	0.31	2.60	0.29	122	145
4010/Everleaf 114	19.1	31.0	46.6	63.3	11.3	0.89	0.37	0.29	3.07	0.31	129	154
4010/Rockford	16.6	33.4	48.9	59.0	10.1	1.01	0.30	0.31	2.59	0.28	120	137
Flex/Everleaf 126	19.9	31.6	43.8	63.5	11.4	1.12	0.37	0.31	3.37	0.32	137	153
Fergie/Stockford	16.9	30.9	50.1	62.3	10.8	0.77	0.33	0.28	2.77	0.28	121	153
Fergie/AKF Axcel	17.8	31.2	49.3	60.4	11.3	0.84	0.33	0.30	2.72	0.29	122	144
Fergie/Everleaf 126	19.0	29.3	43.8	66.3	11.1	0.95	0.36	0.30	3.24	0.30	141	170
Fergie/Rockford	14.8	35.1	55.1	57.6	9.7	0.67	0.32	0.26	2.61	0.26	105	134
Fergie/Everleaf 114	18.6	29.9	47.4	65.4	11.0	0.68	0.38	0.28	3.18	0.31	129	166
Icicle/Everleaf 114	20.4	30.2	46.0	64.7	11.5	0.86	0.39	0.31	3.17	0.34	132	160
Icicle/Everleaf 126	20.6	28.5	44.1	66.5	11.9	0.83	0.40	0.30	3.15	0.33	141	169
Mean	18.2	5.3	47.8	62.6	10.9	0.87	0.35	0.30	2.9	0.30	127	152
C.V. (%)	6.5	31.3	6.3	3.0	3.6	18.6	3.8	7.9	5.5	6.5	7.9	5.9
LSD 0.10	1.7	2.3	4.2	2.7	0.6	0.22	0.02	0.03	0.23	0.03	14	13
LSD 0.05	2.0	2.8	5.1	3.2	0.7	0.28	0.02	0.04	0.27	0.03	17	15

Planting Date = May 5; Harvest Date = July 5; Previous Crop = Soybean