

**NDSU Carrington Research Extension Center  
2018 Variety Trial Data**

<b>Alfalfa - Roundup Ready</b>	<b>Carrington</b>
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Brand	Variety	-----1st cutting-----			-----2nd cutting-----			-----Total DM Yield-----				Yield % of Vernal
		Plant Height inch	Harvest Moisture %	Dry Matter Yield ton/ac	Plant Height inch	Harvest Moisture %	Dry Matter Yield ton/ac	2018 ton/ac	2017 ton/ac	2016 ton/ac	2015 ton/ac	
Allied	428	16.7	71.8	1.07	19.6	79.3	1.05	2.12	0.80	3.93	2.34	94
Croplan	Presteez	15.9	73.0	0.95	19.4	80.1	0.89	1.84	0.74	3.56	2.23	86
Croplan	Stratica	18.6	72.8	1.12	20.1	79.7	0.99	2.11	0.69	3.66	2.25	89
Integra	8444	16.8	72.2	0.92	19.8	79.4	0.93	1.85	0.79	3.44	2.25	86
Legend	MegaMaxx	17.2	72.4	1.11	19.5	84.4	0.74	1.86	0.78	3.82	2.20	89
Monsanto	DKA40-51	17.3	72.7	0.96	19.6	79.4	0.92	1.88	0.83	3.82	2.22	90
Monsanto	DKA44-16	18.2	70.7	1.14	20.1	79.4	0.95	2.10	0.91	3.86	2.24	93
Pioneer	54QR04	16.5	72.3	1.10	19.5	80.1	1.02	2.12	0.79	3.98	2.28	94
	Vernal	18.1	71.7	1.35	18.3	79.9	0.96	2.31	1.03	4.03	2.37	100
	Mean	17.3	72.2	1.08	19.5	80.2	0.94	2.02	0.82	3.79	2.26	--
	C.V. (%)	11.2	1.3	15.9	4.0	3.8	17.0	13.0	13.1	7.2	7.9	--
	LSD 0.10	2.3	1.1	0.21	1.0	3.7	0.20	0.32	0.13	0.33	NS	--
	LSD 0.05	NS	1.3	0.25	1.1	4.5	0.23	0.38	0.16	0.40	NS	--

**Planting Date = May 21, 2015; Harvest Dates = 1st cutting = June 14; 2nd cutting = July 9**