

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

Alfalfa - Conventional													Carrington
Brand	Variety	-----1st cutting-----			-----2nd cutting-----			-----Total DM Yield-----				Yield % of Vernal	
		Plant	Harvest	Dry Matter	Plant	Harvest	Dry Matter	2018	2017	2016	2015		
		Height	Moisture	Yield	Height	Moisture	Yield	ton/ac	ton/ac	ton/ac	ton/ac		
		inch	%	ton/ac	inch	%	ton/ac						
Allied	Ladak II	18.0	72.5	1.15	19.9	80.1	0.92	2.07	1.00	3.65	2.80	109	
Allied	FSG329	18.3	72.6	1.15	20.0	80.4	0.97	2.12	0.98	3.78	2.33	105	
Croplan	LegenDairy	16.5	73.9	1.10	19.8	80.3	0.98	2.08	1.05	3.62	2.64	107	
Dow	AFX 469	17.6	73.4	0.97	19.8	79.6	0.91	1.87	0.78	3.09	2.56	95	
Dow	AFX 429	17.1	73.8	0.90	19.1	79.8	0.89	1.79	0.93	3.38	2.51	99	
Dow	4A420	17.0	72.7	1.15	20.3	80.5	0.99	2.14	1.03	3.72	2.31	105	
Dow	HybrilForce-3400	17.1	73.0	1.21	21.0	80.4	0.96	2.17	1.19	3.69	2.69	112	
Dow	AFX 457	17.5	74.2	0.96	19.5	81.6	0.84	1.79	0.87	3.72	2.60	103	
Dyna-Gro	DG4210	17.3	74.0	1.04	20.3	79.9	0.98	2.02	0.81	3.61	2.56	103	
Integra	8420	17.2	71.8	1.06	19.7	79.9	0.90	1.96	0.91	3.45	2.49	101	
Legend	Crave	19.5	72.0	1.31	20.0	80.5	0.97	2.29	1.07	3.77	2.41	109	
Millborn	Persist III	17.6	72.8	1.24	20.1	80.3	0.97	2.21	0.99	3.69	2.72	110	
Millborn	Phirst Extra hybrid	17.8	71.1	1.24	20.2	79.5	0.95	2.19	1.13	3.48	2.49	106	
Pioneer	55Q27	17.8	73.6	1.05	19.6	79.6	0.94	1.99	1.00	3.36	2.35	99	
Pioneer	55V50	16.3	72.5	1.12	20.1	80.0	0.96	2.08	0.92	3.64	2.56	105	
Pioneer	54B66	17.5	72.6	1.20	20.1	80.1	0.93	2.13	0.88	3.39	2.51	102	
	Vernal	17.1	72.4	1.16	19.7	79.8	0.90	2.06	0.83	3.47	2.38	100	
	Mean	17.5	72.9	1.12	19.9	80.1	0.94	2.06	0.96	3.56	2.52	--	
	C.V. (%)	9.1	1.7	12.4	4.5	0.9	7.5	7.6	16.5	6.9	8.3	--	
	LSD 0.10	1.9	1.5	0.16	1.1	0.9	0.08	0.12	0.19	0.29	0.25	--	
	LSD 0.05	2.3	1.8	0.20	1.3	1.0	0.10	0.22	0.23	0.35	0.30	--	

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