

**NDSU Carrington Research Extension Center  
2016 Variety Trial Data**

<b>Alfalfa - Dryland, Conventional Cultivars</b>													<b>Carrington</b>
Brand	Variety	----- 1st cutting -----			----- 2nd cutting -----			----- 3rd cutting <sup>1</sup> -----		----- Total DM yield -----			
		Plant Height inch	Harvest Moisture %	Dry matter Yield ton/ac	Plant Height inch	Harvest Moisture %	Dry matter Yield ton/ac	Plant Height inch	Dry matter Yield ton/ac	2016 ton/ac	2015 ton/ac	Yield % of Vernal	
Allied	Ladak II	23.2	69.5	1.63	21.0	72.0	1.15	17.7	0.86	3.65	2.80	110	
Allied	FSG329	22.8	70.7	1.63	21.8	74.7	1.19	19.4	0.95	3.78	2.33	104	
Croplan	LegenDairy	20.5	69.1	1.52	21.4	73.3	1.22	18.1	0.88	3.62	2.64	107	
Dow	AFX 469	20.0	67.1	1.30	21.9	72.0	1.06	18.1	0.73	3.09	2.56	97	
Dow	AFX 429	21.9	70.3	1.47	21.5	74.4	1.08	17.4	0.83	3.38	2.51	101	
Dow	4A420	22.3	70.5	1.65	21.9	73.8	1.12	17.3	0.94	3.72	2.31	103	
Dow	HybrilForce-3400	21.2	69.7	1.61	22.1	74.2	1.10	17.3	0.97	3.69	2.69	109	
Dow	AFX 457	21.7	69.6	1.63	22.2	73.6	1.15	19.6	0.94	3.72	2.60	108	
Dyna-Gro	DG4210	22.4	68.3	1.60	21.7	75.4	1.16	17.7	0.85	3.61	2.56	105	
Integra	8420	21.9	69.0	1.53	23.0	72.8	1.15	18.9	0.78	3.45	2.49	102	
Legend	Crave	23.4	70.5	1.69	21.6	72.1	1.14	17.9	0.93	3.77	2.41	106	
Millborn	Persist III	23.0	70.3	1.63	22.5	76.6	1.10	18.2	0.95	3.69	2.72	110	
Millborn	Phirst Extra hybrid	21.0	69.0	1.60	20.8	73.5	1.06	15.5	0.82	3.48	2.49	102	
Pioneer	55Q27	21.4	69.6	1.49	22.1	72.0	1.10	17.7	0.78	3.36	2.35	98	
Pioneer	55V50	21.4	68.6	1.59	23.1	73.3	1.21	17.3	0.84	3.64	2.56	106	
Pioneer	54B66	20.9	69.3	1.48	21.8	72.8	1.08	17.7	0.83	3.39	2.51	101	
	Vernal	22.5	68.4	1.66	20.6	74.0	1.00	15.7	0.81	3.47	2.38	100	
	Mean	21.8	69.4	1.57	21.8	73.6	1.12	17.7	0.86	3.56	--	--	
	C.V. (%)	7.3	1.8	7.9	5	3.5	10.9	10.8	10.7	6.9	--	--	
	LSD 0.10	1.9	1.5	0.15	1.3	3.1	0.15	2.3	0.11	0.29	--	--	
	LSD 0.05	2.3	1.7	0.18	1.5	3.7	0.18	2.7	0.13	0.35	--	--	

**Planting Date = May 21, 2015; Harvest Dates: 1st cutting = June 6, 2nd cutting = August 5, 3rd = September 28**

<sup>1</sup> Average harvest moisture for cutting 3 = 70.7%