

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

Pearl Millet	Carrington (Page 1 of 2)
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Variety	Harvest 1			Harvest 2			Total 1 & 2
	Plant Height inch	Harvest Moisture %	Forage DM Yield ton/ac	Plant Height inch	Harvest Moisture %	Forage DM Yield ton/ac	Forage DM Yield ton/ac
Tifleaf 111	30.3	82.9	1.26	32.7	80.6	1.48	2.74
EXP 10220	29.7	82.2	1.35	23.4	79.9	1.20	2.55
Mean	30.0	82.6	1.31	28.1	80.2	1.34	2.64
C.V.%	6.8	1.8	10.2	11.4	1.0	6.8	8.0
LSD.10	NS	NS	NS	5.3	NS	0.15	NS
LSD.05	NS	NS	NS	7.2	NS	0.20	NS

Quality -Harvest 1

Variety	CP	ADF	NDF	TDN	Ash	Ca	P	Mg	K	S	RFV	RFQ
	%	%	%	%	%	%	%	%	%	%		
Tifleaf 111	12.0	36.4	58.2	60.5	12.3	0.56	0.37	0.35	3.5	0.21	97	138
EXP 10220	12.2	36.0	57.8	61.2	12.5	0.59	0.36	0.35	3.5	0.21	98	142
Mean	12.1	36.2	58	60.8	12.4	0.58	0.36	0.35	3.5	0.2	98	140
C.V. (%)	4.3	1.5	1.2	1.0	6.3	4.3	2.0	1.2	7.8	2.0	1.8	2.2
LSD 0.10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
LSD 0.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Planting Date = June 7; Harvest Date: Harvest 1 = August 3, Harvest 2 = September 20; Previous Crop = Barley

Fertility: spring N soil test = 46 lbs/ac , applied 80 lbs additional N prior to planting.