

DREC Forage Screening Demonstration
Comparison of Corn (GMO and Non-GMO) Forage Yield and Nutrient Values

Variety	Description	Collection Date	Yield Ton/Ac	Mean % Ash	Mean % CP	Mean % NDF	Mean % ADF	Mean % Fat	Mean % IVDMD	Mean % IVOMD	Mean % Ca	Mean % Phos	% TDN
GMO Varieties													
P 9690 R	Silage	9/25/13	4.17	5.10	7.66	50.14	26.46	1.63	73.76	74.33	0.2527	0.2688	63.77
PO 12505	Silage	9/25/13	4.09	4.23	6.23	49.83	26.06	1.83	74.50	74.90	0.2100	0.2263	63.56
Mycogen	Silage	9/17/13	3.89	4.85	7.38	57.11	27.70	1.23	78.76	79.22	0.2600	0.1977	62.71
		AVG	4.05	4.73	7.09	52.36	26.74	1.56	75.67	76.15	0.24	0.23	63.34
Non-GMO Varieties													
Dublin	Silage	9/17/13	4.94	5.02	7.38	60.80	30.73	2.54	70.03	70.04	0.2850	0.2019	60.38
MN 13	Silage	9/17/13	3.38	5.22	8.62	57.76	28.81	2.17	68.48	68.62	0.3430	0.2083	62.30
Wachichu Flint	Silage	9/17/13	4.45	5.10	8.40	66.25	36.68	1.77	68.88	68.58	0.2675	0.2620	56.16
Wapasias Valley	Silage	9/17/13	3.79	4.48	6.68	57.89	30.32	1.71	71.15	71.07	0.2691	0.1892	60.44
Master Graze	Silage	9/25/13	2.69	6.03	6.88	52.27	26.15	1.57	80.51	81.07	0.3142	0.1866	63.72
		AVG	3.85	5.17	7.59	58.99	30.54	1.95	71.81	71.87	0.30	0.21	60.60
GMO vs Non-GMO Difference:			-0.20	0.45	0.50	6.63	3.80	0.39	-3.86	-4.28	0.05	-0.02	-2.74

Comparison of Sorghum and Sorghum/Sudan Forage Yield and Nutrient Values

Sorghum/Sudan

Piper Sudan	Hay	9/25/13	11.86	7.93	7.12	66.26	33.67	1.66	71.59	71.48	0.349	0.194	58.02
AS 6402 BMR (Sorghum/Sudan)	Hay	9/25/13	15.15	5.50	4.92	69.03	39.61	0.63	57.70	57.17	0.238	0.148	52.65
Buffalo Graze 3X BMR (Sorghum/Sudan)	Hay	9/25/13	5.57	6.25	4.85	64.22	36.80	0.89	58.09	58.09	0.242	0.193	54.79
Sweet Thing BMR (Sorghum/Sudan)	Hay	9/25/13	9.89	5.91	5.20	61.19	34.52	1.01	64.02	64.04	0.294	0.195	56.67