

Pre-Treatment Forage Quality

TRT	CP ¹	NDF ²	ADF ³	DMI ⁴	RFV ⁵
Grazed	13.5	56.2	9.3b	2.2	136.4
Mowed	14.5	52.5	13.6a	2.3	138.8
S.E.	2.00	2.72	0.94	0.10	7.04
<i>p</i> -value	0.59	0.37	0.02	0.36	0.77

¹Crude protein (%)

²Neutral detergent fiber (%)

³Acid detergent fiber (%)

⁴Dry matter intake

(% of body weight) = $120 / \text{NDF}$

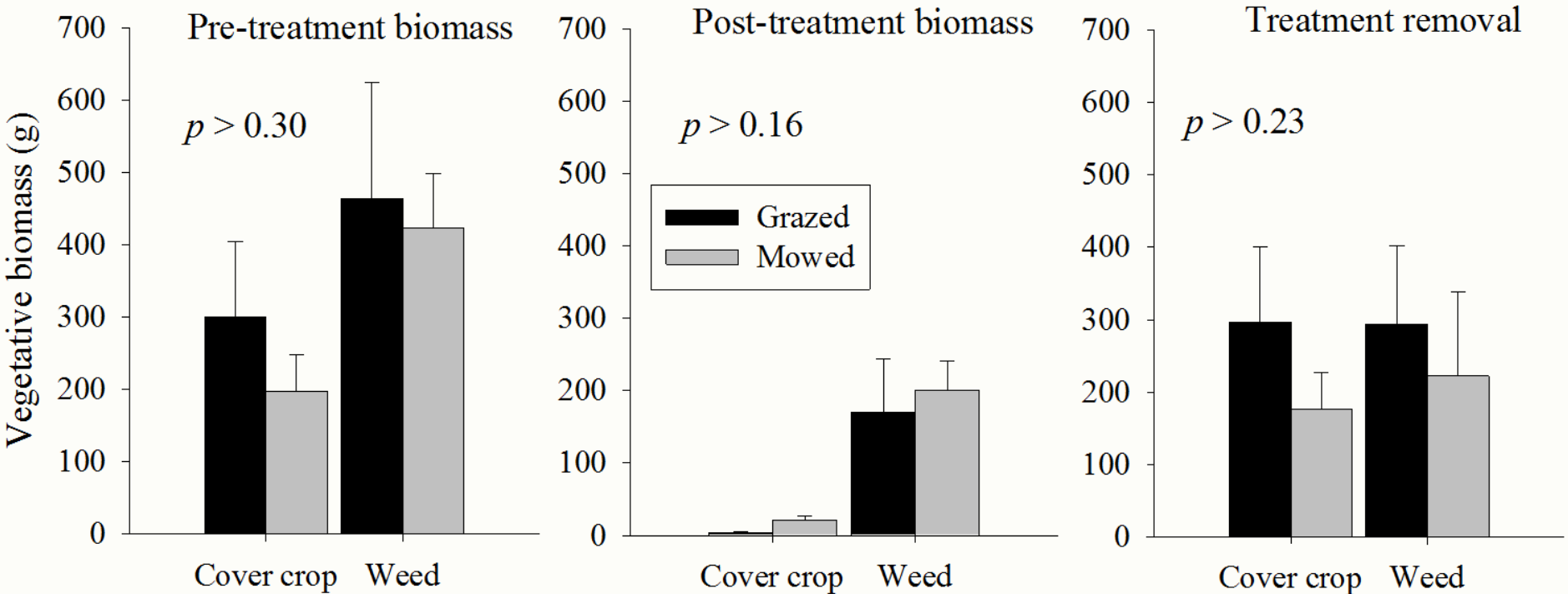
⁵Relative feed value

Wisconsin formula: $(\text{DDM} \times \text{DMI}) / 1.29$;

where $\text{DDM} (\%) = 88.9 - (0.779 \times \text{ADF})$



Cover-Crop and Weed Biomass-2012



Post-Treatment Soil Profile-2012

TRT	NO ₃ -N ¹ 0-6''	NO ₃ -N ² 6-24''	Olsen-P ³	K ⁴	OM ⁵	pH
Grazed	29.0	51.5	106.7	848.0b	3.9	7.6
Mowed	36.9	52.7	93.3	880.0a	4.0	7.6
S.E.	3.5	8.4	8.8	17.7	0.06	0.05
<i>p</i> -value	0.26	0.93	0.40	0.03	0.18	1.00

¹Nitrate-nitrogen (kg/ha) in the 0 to 6'' soil profile

²Nitrate-nitrogen (kg/ha) in the 6 to 24'' soil profile

³Phosphorous (ppm)

⁴Potassium (ppm)

⁵Organic matter (%)

