Nutrient Value of Wetland Plants within the Rainwater Basin, Nebraska in 2006

RWB Nutrient Content of Emergent Wetland Plants (100% dry matter): Crude Protein (left), Total Digestible Nutrients (right)	Early May		Late May		Early June		Late June		Early July		Late July		Early August		Late August		Early Sept.		Late Sept.		Early Oct	
Perennial Late Successional																						
Cattail *(Typha spp)*			25.0	75	19.5	69	20.3	71	15.8	72											12.1	65
Typha glaca			25.3	75	20.3	71									18.9	68						
Reed canarygrass (*Phalaris arundinacea*)	15.3	62	16.5	73	22.4	68.8			19.4	67	9.9	59.0	25.1	69	21.8	68	19.3	69	16.5	70	26.6	74
Three-square (*Schoenoplectus fluviatilis)*	19.1	75	21.1	75	19.2	72	24.4	70	13.1	71	21.6	67.0	10.5	67.1			16.1	72			17.2	75
Phragmites	21.9	63	26.9	73							16.6	57.0										
Wet Meadow Species																						
Sedge *(Carex spp)*			16.1	75	12.5				16.4	67	13.7	67			18.3	70	13.4	72			14.5	72
Carex stipata					14.5	72							14.8	69								
Spikerush *(Eleocharis spp)*									10.4	64	9.8	61							12.6	66		
Eleocharis acicularis	16.7	68			11.8	63					8.4		8.0									
Eleocharis palustris			21.1	72			11.2		11.4				7.4									
Plains Coreopsis									17.7	79												
Fox-tail Barley (*Hordium jubatum)*			23.4	70					10.8	55												
Western Ragweed													32.2	86	21.2	77						
Watercress (*Rorippa spp.)*			33.3	81	43.0	83																
Perennial Moist Soil Type																						
Bulrush (*Scirpus spp.)*			16.4	65	12.5	53																
Perennial smartweed *(Polygonum* spp.)	27.8	64	17.3	72			21.9	48	22.4	47			21.6	69	22.0		24.9	72				
Annual Moist Soil Plants																						
Annual Smartweed *(Polygonum spp.)*							26.1	48			16.0	45	16.5	68	17.0							
Annual sunflower *(Helianthus spp.)*									17.0	82					18.0	79						
Barnyard grass *(Echinochloa spp)*			18.9	70							18.5	63	9.8	59	17.9	62						
Beggartick *(Biden comosa)*											11.0	69										
Common Ragweed							26.0	80														
Curly Dock	36.3	80													29.7	68						
Giant Ragweed							21.0	83														
Horseweed (*Conyza canadensis)*											26.9	79										
Lambsquarter (*Chenopodium spp.)*					31.0	86					32.1	79			33.0	85						
Pigweed *(Amaranthus rudis)*											33.8	81										
Wetland plant grazed averages	24.4		75		25.0		73		20.0		68		21.0		70		18.0		70			
Wetland plant control averages	20.9		72		16.7		69		13.9		65		17.7		68							
Wetland plant combined averages	22.0		73		17.0		69		18.0		67		21.0		69		17.0		70			

The industry Quality Standard for crude protien are considered "Prime" at the following levels (dry matter basis): grasses >11%, mixed >16%, legume >21%.

USDA guidelines for reporting economic data (2000) classifies TDN into 5 categories: Supreme >55.9%, Premium 54.5-55.9, Good 52.5-54.5, Fair 50.5-52.5, and low <50.5.