Plant Community Composition and Group Annual Production

COMMON/GROUP NAME	SCIENTIFIC NAME	SYMBOL	1.1 Prairie Cordgrass/Sedge/ Northern Reedgrass Group	lbs./acre	% Comp
GRASSES & GRASS-LIKES				*3825 - 4275*	*85 - 95*
GRASS-LIKES			**1**	**1125 - 1800**	**25 - 40**
woolly sedge	Carex pellita	CAPE42	1	90 - 675	2 - 15
clustered field sedge	Carex praegracilis	CAPR5	1	90 - 450	2 - 10
fescue sedge	Carex brevior	CABR10	1	90 - 450	2 - 10
Sartwell's sedge	Carex sartwellii	CASA8	1	90 - 450	2 - 10
green bulrush	Scirpus atrovirens	SCAT2	1	45 - 360	1 - 8
river bulrush	Schoenoplectus fluviatilis	SCFL11	1	45 - 360	1 - 8
spikerush	Eleocharis spp.	ELEOC	1	90 - 225	2 - 5
Baltic rush	Juncus balticus	JUBA	1	45 - 90	1 - 2
flatsedge	Cyperus spp.	CYPER	1	0 - 90	0 - 2
other grass-likes		2GL	1	90 - 360	2 - 8
TALL WARM-SEASON GRASSES			**2**	**900 - 1350**	**20 - 30**
prairie cordgrass	Spartina pectinata	SPPE	2	675 - 1350	15 - 30
green muhly	Muhlenbergia glomerata	MUGL3	2	90 - 450	2 - 10
switchgrass	Panicum virgatum	PAVI2	2	0 - 225	0 - 5
TALL COOL-SEASON GRASSES			**3**	**450 - 1125**	**10 - 25**
northern reedgrass	Calamagrostis stricta ssp. inexpansa	CASTI3	3	225 - 675	5 - 15
bluejoint reedgrass	Calamagrostis canadensis	CACA4	3	90 - 450	2 - 10
narrow reedgrass	Calamagrostis stricta ssp. stricta	CASTS5	3	90 - 450	2 - 10
reed canarygrass	Phalaris arundinacea	PHAR3	3	0 - 225	0 - 5
COOL-SEASON BUNCHGRASSES			**4**	**225 - 450**	**5 - 10**
fowl bluegrass	Poa palustris	POPA2	4	90 - 360	2 - 8
plains bluegrass	Poa arida	POAR3	4	45 - 360	1 - 8
tufted hairgrass	Deschampsia caespitosa	DECA18	4	0 - 135	0 - 3
foxtail barley	Hordeum jubatum	HOJU	4	0 - 90	0 - 2
WHEATGRASS			**5**	**45 - 225**	**1 - 5**
western wheatgrass	Pascopyrum smithii	PASM	5	45 - 225	1 - 5
slender wheatgrass	Elymus trachycaulus	ELTR7	5	0 - 225	0 - 5
OTHER NATIVE GRASSES			**6**	**45 - 225**	**1 - 5**
mat muhly	Muhlenbergia richardsonis	MURI	6	0 - 135	0 - 3
other grasses		2GRAM	6	0 - 225	0 - 5
FORBS			*8*	*225 - 675*	*5 - 15*
American licorice	Glycyrrhiza lepidota	GLLE3	8	0 - 90	0 - 2
black-eyed Susan	Rudbeckia hirta	RUHI2	8	0 - 90	0 - 2
blue-eyed grass	Sisyrinchium spp.	SISYR	8	0 - 45	0 - 1
cinquefoil	Potentilla spp.	POTEN	8	45 - 90	1 - 2
curlytop knotweed	Polygonum lapathifolium	POLA4	8	0 - 90	0 - 2
Flodman's thistle	Cirsium flodmanii	CIFL	8	45 - 90	1 - 2
gayfeather	Liatris spp.	LIATR	8	0 - 90	0 - 2
giant goldenrod	Solidago gigantea	SOGI	8	0 - 90	0 - 2
goldenrod	Solidago spp.	SOLID	8	45 - 90	1 - 2
horsetail	Equisetum laevigatum	EQLA	8	0 - 45	0 - 1
Illinois bundleflower	Desmanthus illinoensis	DEIL	8	0 - 90	0 - 2
Indianhemp	Apocynum cannabinum	APCA	8	0 - 90	0 - 2
Macoun's buttercup	Ranunculus macounii	RAMA2	8	0 - 45	0 - 1
meadow anemone	Anemone canadensis	ANCA8	8	45 - 90	1 - 2
mint	Mentha spp.	MENTH	8	0 - 90	0 - 2
New England aster	Symphyotrichum novae-angliae	SYNO2	8	45 - 135	1 - 3
Pennsylvania smartweed	Polygonum pensylvanicum	POPE2	8	45 - 135	1 - 3
Rydberg's sunflower	Helianthus nuttallii ssp. rydbergii	HENUR	8	0 - 45	0 - 1
western dock	Rumex aquaticus	RUAQ	8	45 - 90	1 - 2
white panicle aster	Symphyotrichum lanceolatum	SYLA6	8	45 - 90	1 - 2
wild strawberry	Fragaria virginiana	FRVI	8	0 - 45	0 - 1
wood lily	Lilium philadelphicum	LIPH	8	0 - 45	0 - 1
native forbs		2FN	8	45 - 180	1 - 4

Annual Production lbs./acre	LOW	RV	HIGH
GRASSES & GRASS-LIKES	3305 -	4050	4690
FORBS	195 -	450	810
TOTAL	3500 -	4500	5500

This list of plants and their relative proportions are based on near normal years. Fluctuations in species composition and relative production may change from year to year dependent upon precipitation or other climatic factors. RV = Representative value.

MLRA 53C ESD ID R053C004SD - WET MEADOW

	HCPC Avg % Comp	UPL	FACU	FAC	FACW	OBL
woolly sedge	8.5					8.5
clustered field sedge	6				6	
fescue sedge	6			6		
Sartwell's sedge	6				6	
green bulrush	4.5					4.5
river bulrush	4.5					4.5
Baltic rush	1.5				1.5	
prairie cordgrass	22.5				22.5	
green muhly	6				6	
switchgrass	2.5			2.5		
northern reedgrass	10				10	
bluejoint reedgrass	6				6	
narrow reedgrass	6				6	
reed canarygrass	2.5				2.5	
fowl bluegrass	5				5	
plains bluegrass	4.5			4.5		
tufted hairgrass	1.5				1.5	
foxtail barley	1				1	
western wheatgrass	3		3			
slender wheatgrass	2.5		2.5			
mat muhly	1.5			1.5		
American licorice	1		1			
black-eyed Susan	1		1			
curlytop knotweed	1					1
Flodman's thistle	1.5			1.5		
giant goldenrod	1			1		
horsetail	0.5			0.5		
Illinois bundleflower	1		1			
Indian hemp	1			1		
Macoun's buttercup	0.5					0.5
meadow anemone	1.5				1.5	
New England aster	2				2	
Pennsylvania smartweed	2				2	
Rydberg's sunflower	0.5				0.5	
western dock	1.5					1.5
white panicle aster	1.5				1.5	
wild strawberry	0.5		0.5			
wood lily	0.5		0.5			
sums	130	0	9.5	18.5	81.5	20.5

Prevalence Index = (1X OBL #) + (2X FACW #) + (3X FAC #) + (4X FACU #) + (5X UPL #)/ Total #

PI = **2.130769231**

P.I. < 3 meets hydrophytic vegetation indicator test.