

CP30 – Marginal Pastureland Wetland Buffer - CRP

Producer: _____ Tract: _____

The CRP contract holder is responsible for maintaining the entire wetland buffer area (see C below) in appropriate cover. The area of the wetland buffer under contract must be maintained in the planned cover according to Wisconsin Job Sheet 135 and/or Job Sheet 143. Any area of the wetland buffer not under contract must be maintained in permanent vegetative cover. Grazing or mowing with removal of vegetative material is not allowed.

During the first few years of wetland buffer establishment the vegetation may need to be mowed on a regular basis to allow the wetland buffer to function properly. After the third year, mowing is not allowed from May 15 through July 15 which is the primary nesting season. Wetland buffers should be inspected on a regular basis and repaired or reseeded as needed. Sediment accumulations may need to be removed. Regular vehicle traffic on the buffer is not allowed. Restoration of the wetland buffer will be required if so much sediment has accumulated that the wetland buffer is no longer an effective filter.

Land within 300 feet of the wetland buffer must be managed so that soil loss is at or below Tolerable Soil Loss (T) Levels. Soil loss at levels above T will soon overwhelm a buffer with sediment. Wetland buffers may not be installed unless soil loss is at or below T.

Eligible Water Sources. Place a check by qualifying water source.

	Perennial Stream		Sinkhole		Wetland Semipermanently Flooded
	Seasonal Stream		Wetland Permanently Flooded		Wetland Seasonally Flooded
	Permanent Water Body		Wetland Intermittently Flooded		

Maximum width is 120 feet. Wetland Buffer Width Calculations

	Field Numbers			
Calculated Minimum Width for Wetland buffer (see page 2):	Ft.	Ft.	Ft.	Ft.
A. Planned width for wetland buffer:	Ft.	Ft.	Ft.	Ft.
B. Length of channel or shoreline of eligible water source adjacent to eligible cropland:	Ft.	Ft.	Ft.	Ft.
C. Total Wetland buffer Area: (A) x (B) ÷ 43,560:	Ac.	Ac.	Ac.	Ac.
D. Area within the Wetland buffer Area (C) that is ineligible for payment: ¹	Ac.	Ac.	Ac.	Ac.
E. Total area eligible for payment (C) - (D):	Ac.	Ac.	Ac.	Ac.

¹ This may include areas between the wetland edge and the wetland buffer, wooded areas, etc. In some cases you may be able to determine this by multiplying (B) by the average ineligible width along the channel or shoreline. In other cases, it may be best to measure this value from aerial photography

See attached drawing or aerial photograph that depicts wetland buffer area.

Grass and Forb mixtures shall be designed and planted according to the Critical Area Planting Standard (342).

Native species from WI Agronomy Technical Note 5 must be used. Areas within the eligible wetland buffer area with an existing cover of native grasses, forbs, sedges or rushes can be accepted as part of the buffer, but may not comprise more than 49% of the area of the wetland buffer. At least 51% of the buffer area must be newly seeded to native grasses, forbs, sedges, rushes and/or trees and shrubs.

Trees and shrubs may be planted on a wetland buffer. Planting rates will be based on the Tree Planting Standard (612). Eligible species are listed in 1-WI(CRP).

It is not feasible to install a wetland buffer in areas where reed canary grass is dominant.

Minimum Width Calculations:

Rating Sheet for Determining Minimum Wetland buffer Width¹

Direct Contributing Factors		Factor Points
1. Hydrologic Soil Group ²	A	0
	B	10
	C	20
	D	20
2. Predominant slope within 100 feet of the low edge of the wetland buffer ³	0-1%	0
	>1-3%	5
	>3-6%	15
	>6-12%	30
3. Predominant slope from 100-300 feet from the low edge of the wetland buffer ³	0-1%	0
	>1-3%	5
	>3-6%	10
	>6-12%	15
	>12%	20

¹ Soil loss must be at T or less for the adjacent land for a distance of 300 feet (see 393 Filter Strip Standard, Section III).

² NRCS Field Office Technical Guide, Section II, Cropland Interpretations.

³ Starting point for measurement shall be as described in 393 Filter Strip Standard, Section V.B.1-5.

Minimum Width Calculations (continued)

Total Point Range	Minimum Wetland buffer Width for Sediment Trapping	Minimum Wetland buffer Width for Dissolved N ⁴ /Sediment
0-10	20 feet	70 feet
15-20	30 feet	70 feet
25-30	40 feet	70 feet
35	50 feet	80 feet
40	60 feet	80 feet
45	70 feet	90 feet
50	80 feet	100 feet
>50	100 feet	120 feet

⁴ Where dissolved nitrogen is a concern, a nutrient management plan must be in place. (See 393 Filter Strip Standard, Section V.A.3.)

Note: Minimum widths for other pollutants may be greater and must be designed on a case-by-case basis.