



## **ANM32 Montana Supplement**

### **Extend existing filter strips or riparian herbaceous cover for water quality protection and wildlife habitat**

#### **Montana Clarification**

This enhancement is available to widen an existing filter strip or riparian herbaceous buffer that already meets NRCS standards. If the existing width is variable, the planner will use the average width. Where field boundaries prohibit extending the buffer to 60 feet, the planner may GPS the existing filter strip or riparian herbaceous cover boundary and the proposed location of the boundary, import this information into Toolkit and determine the area.

For additional information on planning filter strips or riparian herbaceous cover contact your local NRCS field office and request a copy of MT-393 Filter Strip or MT-390 Riparian Herbaceous Cover.

#### **Montana Specifications**

If the existing filter strip or riparian herbaceous cover is 35 feet, the existing buffer (that meets NRCS standards) would need to be extended an additional 25 feet to meet the 60 feet minimum width to qualify for this enhancement.

The following species and species groups are suitable for extending existing filter strips and riparian herbaceous cover for water quality protection and wildlife habitat:

1. Wheatgrasses: tall, intermediate, pubescent, slender, thickspike, western and bluebunch.
2. Wildryes: basin, beardless.
3. Native forbs such as Maximillian sunflower, purple and white prairie clover.
4. American vetch.
5. Small burnet.
6. All grass and forb species listed in Table 1, Specification MT 393, Filter Strip (see below).

Table 1. Grass and Legume Species Characteristics and Adaptability		Soil Protection and Cover 1/			
Species	Moisture Range of Adaptability (inches)	Riparian Areas	Critical Areas	Nitrogen Uptake <sup>2/</sup>	Full Seeding Rate (PLS) <sup>4/</sup>
Bromegrass, Mountain	14-20	N	Y	M	10.0
Needlegrass, Green	12-18	N	Y	L	5.0
Orchardgrass	15+	N	Y	M	3.0
Wheatgrass, Intermediate	13-22	N	Y	H	10.0
Wheatgrass, Pubescent	12-20	N	Y	H	10.0
Wheatgrass, Slender <sup>3/</sup>	12-20	N	Y	M	6.0
Wheatgrass, Thickspike	10-18	Y	Y	L	6.0
Wheatgrass, Streambank	8-18	Y	Y	L	5.0
Alfalfa	12+	N	Y	M	5.0
Clover, Alsike	16+	N	Y	M	3.0
Clover, Ladino	16+	N	Y	M	4.0
Clover, White	14+	N	Y	M	4.0
Sweetclover	10+	N	Y	L	4.0
Trefoil, Birdsfoot	14+	N	Y	L	3.0
Milkvetch, Cicer	14+	N	Y	M	7.0
Fescue, Hard	14-20	N	Y	M	3.0
Gramma, Blue	10-18	N	Y	L	2.0
Ricegrass, Indian	10-18	N	Y	L	6.0
Needle and Thread	10-18	N	Y	L	6.0
Saltgrass, Inland	15+	Y	Y	L	2.0
1/ Y = well adapted; N = not adapted.					
2/ uptake potential is based on relative N, use efficiency assuming adequate moisture is available for plant growth. (L) low uptake, (M) moderate uptake, (H) high uptake.					
3/ Slender Wheatgrass cannot be more than 10% of the seed mix					
4/ PLS = Pure Live Seed; % purity X % germination					

### **Incompatible Enhancements**

Some enhancements are not compatible with other enhancements. If you have a question, contact your local NRCS office.

### **Eligible Land**

Crop, pasture and rangeland

### **Applicable Amount**

Only applies to acres of existing buffers on crop, pasture, or range land types

### **Documentation Requirements**

1. A map showing the location and size of enhanced riparian forest buffers.
2. Documentation of the type and rates of vegetation planted in the new riparian forest buffers.

I acknowledge that I have read and understand all that is required for the implementation of this CSP Enhancement Activity.

\_\_\_\_\_  
Contract participant

\_\_\_\_\_  
Date