



## **ANM07 - Montana Supplement – REVISED (4/12/2011)**

### **Extend Existing Field Borders for Water Quality Protection and Wildlife Habitat – (Animal Enhancement Activity)**

#### **Montana Clarification**

This enhancement is to widen an existing field border that currently meets the Montana standard for a field border (MT-386). This includes adequate, height, density and vigor of vegetation and an average width of 30 feet (water quality is the resource concern). Where field boundaries prohibit extending the field border to 60 feet, the planner may GPS the existing field border boundary and the proposed location of the boundary, import this information into Toolkit and determine the area.

To determine actual area to be added, subtract the existing field border width from 60 feet. Multiply this value by the length of the strip and divide by 43560 to determine acreage. See example below.

#### **Montana Specifications**

The Montana minimum width for an existing field border is 30 feet; the existing field border (that meets NRCS standards) would need to be extended an additional 30 feet to meet the 60 feet minimum width to qualify for this enhancement.

RUSLE2 filter strip calculations will not be required for this enhancement.

The following species and species groups are suitable for extending existing filter strips 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 species listed in Table 1, Specification MT 393, Filter Strip.

Table 1. Grass Species Characteristics and Adaptability		Soil Protection and Cover 1/		
Species	Moisture Range of Adaptability (inches)	Riparian Areas	Critical Areas	Nitrogen Uptake <sup>2/</sup>
Bromegrass, Mountain	14-20	N	Y	M
Needlegrass, Green	12-18	N	Y	L
Orchardgrass	15+	N	Y	M
Wheatgrass, Intermediate	13-22	N	Y	H
Wheatgrass, Pubescent	12-20	N	Y	H
Wheatgrass, Slender	12-20	N	Y	M
Wheatgrass, Thickspike	10-18	Y	Y	L
Wheatgrass, Streambank	8-18	Y	Y	L
Fescue, Hard	14-20	N	Y	M
Grama, Blue	10-18	N	Y	L
Ricegrass, Indian	10-18	N	Y	L
Needle and Thread	10-18	N	Y	L
Saltgrass, Inland	15+	Y	Y	L
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.				

**Incompatible Enhancements**

This enhancement may not be contracted with the following enhancements:

- For cropland: ANM04, ANM05, ANM06, ANM08, ANM19, PLT01, PLT08, WQT06
- For pasture: ANM04, ANM05, ANM06, ANM08, ANM19, PLT01, WQT06

**Eligible Land**

Crop and pastureland

**Applicable Amount**

Length of existing buffers x the difference between the minimum width of 60 feet and the state width for water quality.

**Example (Actual)**

These applicable acres can be on cropland or pastureland. If a participant has 750 feet of existing field borders that “average” 30 feet wide; to meet the 60 foot requirement (60-30 = 30’) the actual applicable acres would be calculated as (750 x 30)/43,560 or 0.52 acres. Planting the additional field border width in Year 2, the contract would look like the following:

	Year 1	Year 2	Year 3	Year 4	Year 5
ANM07	0	0.52	0		

**Documentation Requirements**

1. A map showing the location and size of enhanced field borders.
2. Documentation of the type and rates of vegetation planted in the new field borders.

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

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Contract participant

\_\_\_\_\_  
Date