

NATURAL RESOURCES CONSERVATION SERVICE  
MONTANA CONSERVATION PRACTICE JOBSHEET

**CROSS WIND TRAP STRIPS (ACRE)**

**CODE 589C**

Landowner= \_\_\_\_\_ Field/Management Unit = \_\_\_\_\_ Date = \_\_\_\_\_

Legal Description= \_\_\_\_\_ Contract Item Number = \_\_\_\_\_ Acres = \_\_\_\_\_ Job Class = \_\_\_\_\_

**PURPOSE OF ESTABLISHMENT (CHECK ALL THAT APPLY):**

- Reduce soil erosion from wind Induce wind-borne sediment deposition
- Induce snow deposition = Improve air quality by reducing the generation of airborne particulate matter
- Protect growing crops from damage by wind-borne soil particles =

Design Soil Map Unit \_\_\_\_\_ Texture \_\_\_\_\_ = C Factor \_\_\_\_\_

Field Width (ft) \_\_\_\_\_; Prevailing wind direction (degrees) \_\_\_\_\_ =

Design Critical Erosion Period (months) \_\_\_\_\_; Angle of deviation \_\_\_\_\_

**Design Factors**

DESIGN FACTORS	STRIP 1	STRIP 2	STRIP 3
1. Contributing Area (acres) =			
2. Wind Erosion Rate (T/A/Y) =			
3. Total Erosion (row 1 x 3) =			
4. Saltation (%-range=50-80) =			
5. Total Sediment (row 3 x 4) =			
6. Bulk Density Value (Table 1) =			
7. Trap strip width ( feet) =			
8. Deposition Depth (in/yr) = (row 5 x 6 ÷ 7) =			
9. Vegetative height =			

PLANT MATERIAL INFORMATION			
SPECIES/CULTIVAR STRIP #1	SEEDING RATE PLS (LB/AC)	SEEDING DATE	RECOMMENDED FERTILIZER N; P <sub>2</sub> O <sub>5</sub> ; K <sub>2</sub> O (LB/AC)
1			
2			
3			
SPECIES/CULTIVAR STRIP #2			
1			
2			
3			
SPECIES/CULTIVAR STRIP #3			
1			
2			
3			

**MT589C-JS2**

<b>SITE PREPARATION</b>
Prepare firm seedbed. Delay fertilizer application until after plant emergence and establishment. Apply fertilizer = according to recommendations and soil analysis. =
<b>PLANTING METHODS</b>
Drill grass/legume seeds no more than 1/4 - 3/8 inch deep uniformly over area. Establish stand of vegetation = according to recommended seeding rate. If a companion crop is necessary apply at _____ pounds per acre. = Clip companion crop or harvest before it heads out. =
<b>OPERATION AND MAINTENANCE</b>
Maintain original width and depth of the vegetated area. Harvest, mow, reseed, and fertilize to maintain plant = density and vigorous plant growth. Inspect after major storms, remove trapped sediment, and repair any eroding = areas. Shut off pesticide sprayers when turning on a trap strip. Control noxious and nuisance weeds. =

If needed, an aerial view of the field illustrating strip widths, prevailing wind direction, and field layout can be shown below. Other = relevant information, such as adjacent field or tract conditions including structures and crop types, the positioning of multiple or = single row sets across a field or tract, and complementary practices and additional specifications may be included. =

Scale 1" = \_\_\_\_\_ ft. (NA indicates sketch is not to scale) =


**ADDITIONAL SPECIFICATIONS AND NOTES:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**APPROVALS:**

\_\_\_\_\_  
 NRCS Conservationist =

\_\_\_\_\_  
 JOB APPROVAL AUTHORITY = Date =

\_\_\_\_\_  
 Producer =

\_\_\_\_\_  
 Date =

**CERTIFICATION STATEMENT:**

I hereby certify that this practice has been installed in accordance with NRCS standards and specifications. =

\_\_\_\_\_  
NRCS Conservationist =

\_\_\_\_\_  
JOB APPROVAL AUTHORITY =

\_\_\_\_\_  
Date =

\_\_\_\_\_

\_\_\_\_\_  
Date