

NATURAL RESOURCES CONSERVATION SERVICE
MONTANA CONSERVATION PRACTICE JOBSHEET

CROSS WIND TRAP STRIPS (ACRE)

CODE 589C

PRODUCER

FIELD NO., TRACT, OR CTU

PURPOSE OF ESTABLISHMENT.

- Provide wildlife habitat
- Protect growing crops from wind-borne soil
- Induce deposition/reduce transport of wind-born sediment and sediment-borne contaminants
- Reduce soil erosion from wind
- Other

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 ₂ O ₅ ; K ₂ O (lb / ac)
1			
2			
3			
STRIP #2			
1			
2			
3			
STRIP #3			
1			
2			
3			

MT589C-JS2

SITE PREPARATION

Prepare firm seedbed. Delay fertilizer application until after plant emergence and establishment. Apply fertilizer according to recommendations and soil analysis.

PLANTING METHODS

Drill grass/legume seeds no more than $\frac{1}{4}$ - $\frac{3}{8}$ 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.

OPERATION AND MAINTENANCE

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:
