

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):

- 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			
SPECIES/CULTIVAR STRIP #2			
1			
2			
3			
SPECIES/CULTIVAR 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: _____

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