

 **Cross Wind Trap Strips (589C)**
Conservation Practice Job Sheet **Colorado**

Cooperator: _____ Date: _____
 Tract/Field No.: _____ Planner/Location: _____
 Acres: _____ Crop Year: _____
 Previous Crop: _____ Planned Crop: _____

Purpose for Planning and Applying this Practice (check all that apply)

- Reduce soil erosion from wind
- Induce deposition and reduce transport of wind-borne sediment and sediment-borne contaminants downwind
- Protect growing crops from damage by wind or wind-borne soil particles
- Provide food and cover for wildlife

Trap Strips Design, Layout, Vegetation

No. of trap strips: _____ Planned trap strip height (in): _____
 Distance between trap strips (ft): _____

Trap strip No.	1	2	3	4	5	6	7	8
Trap strip width (ft):								
Trap strip length (ft):								
Acres:								

Vegetation type: Annual Perennial Growing Dead
 Plant species: _____
 Seeding rate (lbs PLS/acre): _____
 Seeding depth: _____ Planned seeding date: _____

Predicted wind erosion periods: _____
 Prevailing wind direction during predicted wind erosion periods: _____
 Trap strips orientation (perpendicular to prevailing wind direction): _____

Trap Strips Establishment

Site/seedbed preparation: <i>(firm, weed free)</i>	
Seeding:	
Fertilizer: <i>(based on current soil test)</i>	
Mulching:	
Other:	

Operation and Maintenance

- 1) After establishment, fertilize perennial trap strips to maintain plant vigor according to current soil test results.
- 2) Suppress noxious and or invasive weeds in trap strips according to a management plan that maintains the trap strip height needed to accomplish the planned purpose.
- 3) Manage mowing or grazing of trap strips to allow re-growth to the planned height before periods when wind erosion or crop damage is expected to occur.
- 4) Remove wind-borne sediment accumulated in barriers, and distribute over the surface of the field as needed.
- 5) Remove and distribute wind-borne sediment accumulated in trap strips over the surface of the field as appropriate.
- 6) Re-establish or relocate trap strips as needed to maintain plant density and height.
- 7) Do not mow or prune barriers designed to enhance wildlife habitat unless their height and width exceeds that required to obtain the wildlife objective and they become competitive with the adjoining land use. When mowing or pruning is necessary, conduct activities only during the non-nesting season.

Sketch Map (scale 1" = _____ ft. NA indicates sketch not to scale)

Certification

I have reviewed this plan including the Operation and Maintenance requirements and agree to implement as designed.		
<i>Cooperator</i>	<i>Date</i>	
I certify that this application meets practice planning criteria and complies with applicable laws and regulations.		
<i>Conservationist</i>	<i>Title</i>	<i>Date</i>