

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

- Reduce soil erosion from wind and wind-borne sediment deposition
- Induce snow deposition to improve soil moisture management
- Improve plant health by protecting growing crops from damage by wind-borne soil particles
- Improve air quality by reducing the generation of airborne particulate matter

Specifications

Predicted wind erosion periods:

Prevailing wind direction
(during predicted wind erosion periods): _____

Trap strips orientation
(perpendicular to prevailing wind direction): _____

Planned trap strip height (in): _____

Distance between trap strips (ft): _____

Number of trap strips: _____

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

Seedbed preparation,
timing and seeding
method:

Nutrient forms, rates,
timing and application
methods, if needed:

Vegetative mix and
seeding rates:

Height of vegetation to
be maintained during
critical crop periods:

Timing of mowing and or
trap strip harvest:

Operation and Maintenance

- 1) After establishment, perennial trap strips shall be fertilized as needed to maintain plant vigor. Noxious weeds shall be controlled.
- 2) Mowing or grazing of trap strips shall be managed to allow re-growth to the planned height before periods when wind erosion or crop damage is expected to occur. When feasible, schedule harvest, mowing or other mechanical disturbance of vegetation outside of the primary nesting season for ground-nesting birds.
- 3) Wind-borne sediment accumulated in trap strips shall be removed and distributed over the surface of the field as determined appropriate and trap strip reestablished if necessary.
- 4) Trap strips shall be re-established or relocated as needed to maintain plant density, width, and height.
- 5) Periodically evaluate the trap strip effectiveness to meet the planned purpose(s) and adapt management as needed.
- 6) Additional Operation and Maintenance activities