

Prepared for: _____

Prepared by: _____

Farm: _____ Tract: _____ Date: _____



Cross Wind Trap Strip

DEFINITION

Cross wind trap strips are areas of herbaceous cover resistant to wind erosion, established in one or more strips across fields and perpendicular to the prevailing wind erosion direction.

PURPOSE

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

OPERATION AND MAINTENANCE

- Perennial trap strips will be fertilized as needed to maintain plant vigor.
- Noxious weeds will be controlled.
- Mowing or grazing of trap strips will 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.

- Wind-borne sediment accumulated in trap strips will be removed and distributed over the surface of the field as determined appropriate.
- Trap strips will be re-established or relocated as needed to maintain plant density and height.
- When barriers are designed to enhance wildlife habitat, they will not be mowed or pruned unless necessary. It will be done only during non-nesting season.

Prescribed Grazing Plan (attached if applicable):

Yes No

Pest Management Plan (attached if applicable):

Yes No

Additional operation and maintenance requirements:

SPECIFICATIONS

Individual Trap Strip Layout and Plant Materials Information	
Vegetation type: <input type="checkbox"/> Annual <input type="checkbox"/> Perennial	
Planned vegetation height (inches):	Trap strip width (feet):
Plant species:	

Seed/Plant Species	Planting Rate <small>PLS, lbs/ac, or oz/ft²</small>	Planting Date	Planting Depth

- A. Lime according to current soil tests. Fertilize only if soil test results indicate nutrients are deficient for the plants to be established.
- B. Site Preparation:
- Use herbicide to control existing vegetation.
 - Prepare planting site (including removal of rocks, stumps and other obstructions) to ensure close contact of seeds with the soil and to ensure safe and efficient operation of equipment.
 - Firm conventional seedbeds prior to planting enough to hardly reveal adult footprints.
- C. Site specific needs for pest control, site preparation, mulching or planting:

Trap Strip System Layout	
Distance between trap strips (feet):	Total number of trap strips:
Total area in trap strips (acres):	Total amount of seed required (pure live seed - lbs):