

Prepared for: _____

Prepared by: _____

Farm: _____ Tract: _____ Date: _____



Herbaceous Wind Barrier.

DEFINITION

Herbaceous vegetation established in rows or narrow strips in the field across the prevailing wind direction.

PURPOSE

- Reduce soil erosion and/or particulate generation from wind.
- Protect growing crops from damage by wind-borne soil particles.
- Provide food and cover for wildlife.

SITE PREPARATION

Prepare a firm seedbed. Apply lime and fertilizer as indicated by soil testing. (The heel of the boot should not sink in more than 1/2 to 1 inch.)

PLANTING METHOD(S)

Drill grass and legume seed uniformly over the area to a depth of approximately 10 times the average diameter of the seed. **Plant the recommended rate(s) (lbs/ac &/or spacing) on date(s) listed.** Annual barriers can be established by adjusting the planters to seed the barrier(s) at the same time the crop is planted.

OPERATIONS AND MAINTENANCE

Buffer strips must be inspected periodically and protected from damage so proper function is

maintained. Damaged areas should be repaired and re-vegetated. Annual buffers need to be reestablished each year a susceptible crop is planted. Gaps in perennial barriers will be replanted as soon as practical to maintain barrier effectiveness.

Wind deposition accumulation should be redistributed as needed to maintain field integrity. Weeds will be controlled by cultivation or spot treatment using an herbicide recommended for the weed and crop.

The buffer(s) can be mowed or burned to increase density or vigor. Timing of mowing shall avoid nesting times of birds. The timing will give the buffer time to regrow to meet the minimum height needed.

An annual application of fertilizer or manure according to a soil test can encourage a healthy dense stand.

Additional Operation and Maintenance requirements specific to this Plan:

SPECIFICATIONS

Purpose(s) (check all that apply)	<input type="checkbox"/> Reduce soil erosion from wind	<input type="checkbox"/> Provide food and cover for wildlife
	<input type="checkbox"/> Protect growing crops from wind damage	

Layout, Soil Amendments, Fertilization	Barrier 1	Barrier 2	Barrier 3	Barrier 4
Barrier width (feet)				
Rows per barrier				
Barrier length (feet)				
Barriers area (total acres)				

Note: When 2 or more rows are required to achieve the required porosity and to avoid gaps, the rows will be spaced no more than 36 inches apart.

Plant Materials (species/cultivars)	Seeding Rate (pure live seed – lbs/acre)	Seeding Date
Barrier 1:		
1.		
2.		
3.		
Barrier 2:		
1.		
2.		
3.		
Barrier 3:		
1.		
2.		
3.		
Barrier 4:		
1.		
2.		
3.		

See Conservation Plan Map for location of Herbaceous Wind Barrier(s).