

 **Herbaceous Wind Barriers (603)**
Conservation Practice Job Sheet **Colorado**

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

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

- Reduce soil erosion from wind
- Reduce soil particulate emissions to the air
- Protect growing crops from damage by wind or wind-borne soil particles
- Enhance snow deposition to increase plant available moisture

Individual Barrier Layout and Plant Materials Information

Vegetation type (check one): Annual Perennial
 Plant species: _____
 Seeding rate (pure live seed/ft. of row): _____
 Seeding date: _____ Seeding depth: _____
 Planned effective barrier height: _____ Distance (inches) between plant rows: _____
 Number of plant rows per barrier: _____ Total width of each barrier: _____

Barrier System Layout

Total number of barriers: _____ Distance between barriers: _____
 Total area in barriers (acres): _____ Total amount of seed required (lbs. pls): _____

Barrier Establishment

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

Operation and Maintenance

- 1) Re-establish annual barriers each year by planting at recommended dates, leaving rows standing throughout critical erosion periods.
- 2) Replant gaps in perennial barriers as soon as practicle to maintain barrier effectiveness.
- 3) After barrier establishment, fertilize perennial barriers as needed according to a current soil test. Manage weeds with cultivation, spot treatment when using chemical suppression, or other acceptable methods according to a weed management plan.
- 4) Remove wind-borne sediment accumulated in barriers, and distribute over the surface of the field as needed.
- 5) Re-establish or relocate barriers as needed.
- 6) For barriers composed of perennial vegetation for wildlife habitat, do not mow unless the height or width of the barrier exceeds that required to achieve the wind erosion purpose. When mowing of vegetation or prescribed burning is necessary, conduct operations outside the primary nesting season for grass nesting birds.
- 7) Harvest of hay or seed from perennial barriers, grazing burning or mowing for weed control, shall be managed to allow regrowth to the planned height before periods when wind erosion, crop damage, or drifting snow are expected to occur. Manage annual barriers so they are of sufficient height and condition to meet the intended purpose.

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>