

Natural Resources Conservation Service

<b>Customer Name:</b>		<b>Date:</b>	
<b>Farm:</b>		<b>Planned Acres:</b>	
<b>Tract:</b>		<b>County:</b>	
<b>Field/Stand:</b>		<b>Prepared by:</b>	

**PRACTICE PURPOSE(S):** (check all that apply):

<input type="checkbox"/>	Reduce soil erosion from wind
<input type="checkbox"/>	Enhance plant productivity and health by protecting plants from wind-related damage
<input type="checkbox"/>	Manage snow distribution to improve moisture utilization by plants
<input type="checkbox"/>	Manage snow deposition to reduce obstacles, ponding, and flooding that impacts other resources, animals, structures, and humans
<input type="checkbox"/>	Improve moisture management by reducing transpiration and evaporation losses and improving irrigation efficiency
<input type="checkbox"/>	Provide shelter from wind, snow, and excessive heat, to protect animals, structures, and humans
<input type="checkbox"/>	Improve air quality by intercepting airborne particulate matter, chemicals, and odors, and/or by reducing airflow across contaminant or dust sources
<input type="checkbox"/>	Reduce energy use in heating and cooling buildings, and in relocating snow
<input type="checkbox"/>	Increase carbon storage in biomass and soils

**MAP:** (Attach map of treatment area(s) or sketch map here. Include north arrow, scale bar, and access routes.)

Existing Windbreak/Shelterbelt Inventory & Evaluation						
Total Width (feet; include maintenance areas):			Total Length (feet):			
Age (if known):			Estimated Density (%):			
Row #	Species Present	# of Plants	# of plants in good health and function	Average Height	Average Spacing	Large Gaps?
Summary: <i>Note presence of desirable advance regeneration</i>						

**Treatments (Check all that apply):**

<input type="checkbox"/> THINNING					
Planned Density After Thinning (%):					
Planned Treatment Date (Month/Year):					
Row #	Species to Remove	Remove 100%	# of Plants Removed	Desired Spacing	Treatment Date/Season
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
Details of Thinning ( <i>Include: Equipment to be used, herbicide name and rate-if used, how trees/rows will be marked, access, mitigation for soil, insects/disease, wildlife, etc.</i> ):					

<input type="checkbox"/> COPPICING (Shrubs)			
Planned Density After Re-sprouting (%):			
Planned Treatment Date (Month/Year):			
Row #	Species to Coppice	# of Plants	Treatment Date/Season
Details of Coppicing ( <i>Include: application method and equipment to be used, slash disposal, how trees/rows are marked, etc.</i> ):			

<input type="checkbox"/> <b>VEGETATION CONTROL</b>
Use Conservation Practice Standard 314-Brush Management (woody-stemmed plants) or 315-Herbaceous Weed Treatment (forbs/grasses) to plan control of invasive and/or noxious species.

<input type="checkbox"/> <b>REINFORCEMENT PLANTING</b>
Use this section for fill-in/gap planting only. If planning a complete re-planting of one or more rows, use the Conservation Practice Standard 380-Windbreak <i>Establishment</i> Implementation Requirements.

**Planned Planting Date (Month/Year):**

<b>Soil Drainage Class(es):</b>	<b>USDA Plant Hardiness Zone:</b>
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Row #	Existing Adjacent Species	Species to plant	Stock Type <sup>1</sup>	# of plants
			<b>Total # of plants:</b>	

<sup>1</sup> **BA**reroot, **CO**ntainer, **CU**ttling; include size, caliper, height, and/or age as applicable.  
 Details of Planting *Include: site preparation (if needed), planting method and equipment, protection (if needed), and competition control:*

**LONG-TERM MANAGEMENT (OPERATION AND MAINTENANCE):**

- Inspect the planting annually and after major storm events or other disturbances to identify needs for repair and maintenance.
- Maintain protection for trees and/or shrubs during establishment, and remove protective structures (e.g., tube shelters, cages) when plants are large enough to withstand stressors.
- Protect trees and shrubs from adverse impacts including insects, diseases, competing vegetation, fire damage, spray drift, animals, etc.
- Apply maintenance practices and activities at times that minimize wildlife disturbance during the reproductive period for desired species, where wildlife habitat is a consideration.
- Monitor tree or shrub establishment and replace dead trees or shrubs as needed until the windbreak is functional.
- Provide supplemental water if needed during the establishment period.
- Manage competing vegetation during establishment, including removal of species on federal and state invasive species or noxious weeds lists.
- Thin the windbreak to remove dead, injured, or diseased wood and to maintain windbreak function.

**IMPLEMENTATION TIMELINE:**

Component/Requirement	Summary specifications for each component/requirement (See form above for details)	Date to Complete	Date Installed	Date Established/ Certified
Preparation (e.g., property boundary survey, site prep for planting, marking for thinning, etc.)				
Implementation (note for each type of treatment)				
Operation and Maintenance				
Additional Notes:				

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