

Important Tree Information

The Laramie Rivers Conservation District

Tree Program enables farmers, ranchers and other landowners to obtain trees at nominal cost. The purpose of the program is to encourage the owners to plant effective wind barriers to protect buildings, cropland and feedlots and for erosion control, other conservation practices, reforestation, and Christmas tree plantings.

Please note:

- These trees cannot be resold as living trees (the roots must be severed).
- Although the species listed have proven adaptable to Wyoming conditions, each species may have limited adaptability to local soil types and conditions.
- It is mandatory that the order form be completed in full and that all information is legible.

Seedling Tree Information

1. Farmstead protection requires 3 or more rows of shrubs and trees. Field protection can be obtained with 1-3 rows of shrubs and trees with proper design and protection.
2. Spacing between rows should be at least 4 feet wider than the cultivation equipment to be used, usually 12' to 16' for irrigated land and 20' for dry land.
3. Spacing in the rows varies with the species. For small to medium shrubs - 2' to 4', tall shrubs - 4' to 6', small to medium trees - 8' to 10', medium to tall trees - 10' to 14', pines and spruce - 12' to 14', and junipers - 6' to 8'. A tight row of deciduous shrubs on the windward side is desirable to trap snow in the windbreak.
4. The land should be cultivated and fallowed in the fall prior to planting the windbreak. Weed control of the planting is a must operation to maintain survival.
5. For lasting performance, better protection and greater aesthetic value, two or more rows should be evergreen species.

Plan Before You Plant

A planting plan should be prepared before trees are ordered or planted. The planting plan will show the proper location for the planting, the best species for your site, spacing between rows, spacing between trees in the row and the correct number of trees and shrubs needed. The plan will also point out requirements for proper planting to gain initial survival and how to keep trees in a vigorous growing condition.

For planting plan assistance contact the Conservation District, Natural Resources Conservation Service District Conservationist, or the publication entitled "The Farmstead Windbreak" which provides helpful information on tree planting and maintenance care. A list of Wyoming Seedling Tree Cooperators can be found online at <http://www.conservewy.com/Attached%20Files/distributors.pdf>.

Shrub & Tree Descriptions

SHRUBS:

- **CARAGANA:** Medium to tall shrub; grows well on sandy to loamy soils to 9,500'
- **CHOCKECHERRY:** Tall shrub/medium tree; tolerance of alkaline soils; up to 9,000 feet; delicious edible fruit for jellies and pies.
- **LILAC:** Tall, one of the better shrubs for windbreak purposes, plant up to 8,500 feet.
- **NATIVE PLUM:** Tall shrub growing up to 8ft; grows well in alkaline soils; great for wildlife nesting and produces excellent fruit for canning
- **RED-OSIER DOGWOOD:** Small to medium sized; tolerant of flooding; tolerant of cold; plant up to 8,000 feet.
- **WILD ROSE:** Medium height flowering shrub; plant up to 10,000ft; loved by birds for food and cover.

CONIFER TREES:

- **COLORADO BLUE SPRUCE:** Tall, on moist soils but will grow on drier sites if watered for establishment, to 9,500ft.
- **LOGEPOLE PINE:** Tall, grows in most soils above 6,000ft.
- **PONDEROSA PINE:** Tall, grows in most soils with low pH except heavy clay, up to 8,500 feet. One of the better windbreak trees.
- **ROCKY MT. JUNIPER:** Medium tree, does well on most soils; 8,000 feet; drought resistant when established; excellent windbreak species