

## MDC 700 Tree/Shrub Establishment

Purpose: Establish forests, protect watersheds, improve wildlife habitat, control erosion, reduce pollution or improve energy conservation.

Applicability: On soils suited to woody plants where establishment of woody vegetation will meet a specific management objective.

Eligibility: Determined by the MDC planner based on regional priorities. Orchards and Christmas tree plantations, and land enrolled in CRP are not eligible.

Policies: 1. Cost share for tree and shrub plantings is authorized at the **Flat Rates listed below for individual components**. Total landowner payment shall not exceed \$7,500.00/ landowner/year. **Each of the following component costs are approved at the listed price (i.e. do not estimate 75 percent of \$.30 for hardwood trees):**

<u>Nursery stock</u>	<u>Cost/Plant (\$)</u>
Trees - Hardwood (MDC)	0.30
Trees - Conifer (MDC) – E. Red Cedar	0.25
Trees - Conifer (MDC) – Short l. Pine	0.15
Trees - Hardwood (Commercial)	0.85
Trees - Conifer (Commercial)	0.50
Shrubs (MDC)	0.30

<u>RPM Seedling Establishment</u>	<u>Cost/Plant (\$)</u>
Trees - Hardwoods only (mast producing)	8.00/tree not to exceed \$400.00/acre
Shrubs – Encourage native shrubs targeting quail and early successional species.	8.00/shrub not to exceed \$400 per block (Covey HQ) planting (NTE 4 blocks / 40 acres).

<u>Planting</u>	<u>Cost/Unit (\$)</u>
Machine Planting	0.50/tree or shrub
Hand Planting – Hardwood & Conifer	0.50/tree
Hand Planting - RPM Hardwood	4.00/tree
Hand Planting – RPM Shrub	1.25/shrub
Root Dip / Planting Slurry	\$5.00 per planting

<u>Weed Control</u>	<u>Cost/Unit (\$)</u>
Weed Control - Chemical	0.15/tree or shrub
Weed Control - Mechanical	0.15/tree or shrub
Weed Control - Mulch	0.15/tree or shrub
Weed Barrier	0.32/foot
Tree Shelters	3.00 each
Tree Mat	1.25/tree not to exceed \$150.00/acre

### Site Preparation/Natural and Artificial Regeneration

Cost based on recommendation by resource professional not to exceed \$150.00/acre. For example, sites requiring only bush hog or mowing prior to planting might only receive \$10/ac. While sites requiring bull dozer

and mechanical grubbing might receive \$100/ac. or more depending on MDC resource planner recommendations.

<u>Seeding (all costs included)</u>	<u>Cost/Unit (\$)</u>
Direct Seeding - Hardwood	250.00/acre
Direct Seeding - Conifer	150.00/acre
Temporary Cover Seeding	15.00/acre

2. Native trees and shrubs will be used as appropriate for soil type. Only shrubs may be planted on prairie soils.
3. All plantings will be maintained for a minimum of 15 years following installation of all required practices.
4. NRCS 612 (Tree/Shrub Establishment) will be followed for forest product objectives; NRCS 645 (Wildlife Management) will be followed for wildlife management objectives.

Refer to the following for practice standards and specifications:

[NRCS 612](#) (Tree/Shrub Establishment)

[NRCS 645](#) (Wildlife Management)