

# Tree Plantings in CRP

## Living Snow Fences, Field Windbreaks, and Shelterbelts



### Sample economics of a 3-row, half-mile by 200' living snow fence (12.12 acres)

Costs including site prep, trees, seeding, planting, and fabric installation = \$5,738.48\*

Reimbursement and incentives = \$6,376.63\*

15-year rent and maintenance payments = \$5,505.94\*

### Living Snow Fences – CP17A

Purpose - To protect roads, lanes, and public facilities.

Eligibility - Must be eligible cropland along any road or lane subject to blockage from snow drifts.

Size - Must be 1 to 5 rows designed according to Field Office Technical Guide Standards (FOTG).

Maintenance - Replant dead trees, control weeds, inspect and enlarge fabric openings at year 5. If snow catch area is seeded to 40 point mix, it can be clipped up to 2 times during the contract.

Placement - Windward row must be 200' to 600' from edge of road. Snow catch area can be farmed, or a width up to 200' can be put in contract. Maximum contract width of living snow fence and snow catch area combined cannot exceed 300'.



### Sample economics of a 1-row, half-mile long field windbreak (1.21 acres)

Costs including site prep, trees, seeding, planting, and fabric installation = \$1,705.03\*

Reimbursement and incentives = \$1,655.52\*

15-year rent and maintenance payments. = \$762.30\*

### Field Windbreaks – CP5A

Purpose - To reduce cropland erosion below tolerable limits (T).

Eligibility - Must be eligible cropland with the potential to erode above T. All but a few areas of North Dakota have the potential to erode above T.

Size - Must be 1 to 3 rows designed according to Field Office Technical Guide Standards (FOTG).

Placement - Must be placed upwind from the area needing protection. If multiple belts are used, they can be no closer than specified in FOTG.

Maintenance - Replant dead trees, control weeds, inspect, and enlarge fabric openings at year 5.



### Shelterbelt – CP16A

Purpose - To protect farmsteads and livestock, and to save energy.

Eligibility - Must be eligible cropland adjacent to areas needing protection.

Size - CRP contract may include 1 to 10 rows. Entire windbreak (existing and planned) must be the equivalent of at least 6 to 8 rows, depending upon the location in state, and designed according to Field Office Technical Guide Standards.

Maintenance - Replant dead trees, control weeds, by tillage, mowing, or herbicides as needed. Inspect and enlarge fabric openings at year 5.

Placement - Windbreak may be adjacent to an existing belt or on a bare site. It must be placed to prevent clogging the protected site with snow.

Sample economics of an 8-row, 700' long farmstead shelterbelt (2.57 ac.)

Costs including site prep, trees, seeding, planting, fabric installation = \$3,616.76\*

Reimbursement and incentives = \$3,512.08\*

15-year rent and maintenance payments = \$1,387.80\*

**\* All sample economic scenarios are for illustration purposes only. The actual financial situation for any of these CRP practices will vary from those shown. A strong attempt was made to use typical situations found throughout North Dakota.**

**Note: Average soil rental rates vary from \$18 to \$80 across North Dakota. Examples are calculated at \$30/ac.**

For more details and further assistance, contact your local Farm Service Agency (FSA), Natural Resources Conservation Service (NRCS), or Soil Conservation District (SCD).

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