

(Prepare in triplicate)

FISCAL NOTE

Prepared in regard to:

House Bill No. 1294  
(List bill or resolution and number, if available, or subject)

Amendment to: House Bill No. 1294  
(List bill or resolution and number)

Requested by: N.D. Game and Fish Department Date of receipt: 1/25 19 77

In the following space note the fiscal effect in dollars of the legislative proposal. If additional space is needed, attach a supplementary sheet. (Please type)

COST ESTIMATE OF PLANTING TREES ON NOT LESS THAN TEN PERCENT OF LAND  
(160 ACRES OR LARGER) PRESENTLY OWNED IN FEE BY THE DEPARTMENT -

SEVEN YEAR PERIOD

As of 1/3/77, The Department owned 65,352.39 acres of land and water in North Dakota. Since little or none of this acreage is covered by water on a pure quarter basis, all acreage is considered to be applicable to this law. Since no credit is given for existing native woodlands or trees planted prior to this proposed Bill, all acreage is considered to be applicable to this law. Roughly six (6) percent of the acreage purchased would consist of tracts smaller than 160 acres.

|   |   |                     |
|---|---|---------------------|
| Total Acreage of Fee Title Lands (1/3/77) | = | 65,352 acres        |
| Acreage of Lands Less than 160 acres (6%) | = | <u>3,921 acres</u>  |
| Total Applicable Acreage                  | = | <u>61,431 acres</u> |
| Ten Percent - Acreage                     | = | 6,143 acres         |

ESTIMATED COSTS PER ACRE TO PLAN, PREPARE SITES, PLANT AND CULTIVATE A TREE PLANTING.

Planning and Administration:

(Check soil surveys, topography, layout planting plan, order trees, survival check trees, work with farmer-cooperator to prepare site, etc.) = 10.00/A

Site Preparation Costs:

(Fall plow, pick rocks, summer fallow, etc.) = 30.00/A

Planting Stock:

|                                 |   |         |
|---------------------------------|---|---------|
| (\$ .07/tree x 600) original    | = | 42.00/A |
| (\$ .07/tree x 60) replacements | = | 4.20/A  |

Planning Costs:

|                                 |   |         |
|---------------------------------|---|---------|
| (\$ .10/tree x 600) original    | = | 60.00/A |
| (\$ .25/tree x 60) replacements | = | 15.00/A |

Cultivation Costs:

(7 years x 30.00/Acre) = 210.00/A

Total Cost/Acre = 371.20/A

Total cost estimate for planting 6,143 acres of trees on State GMA's: 6,143 acres x \$371.20/acre = \$2,280,282.

It is estimated that an additional 220 acres of land would have to be planted to trees under the present rate of acquisition.

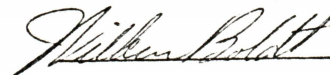
Yearly cost for planting 220 additional acres on newly acquired areas: 220 x \$371.20/acre - \$81,664.00.

Summary:

Since planting trees and shrubs on present fee title land would take a minimum of 13 years due to cultivation, the present cost estimate of \$2,280,282 would represent

Date of preparation: 1/25/77

Signed



Typed Name

Wilbur Boldt

Department

N.D. Game and Fish Department

an average minimum yearly cost of \$175,406.30 for the 13 year period.

Planting ten percent of all newly acquired lands would represent an average minimum yearly cost of \$81,664.00.

Thus, estimated yearly costs (with no inflation) would average \$175,406 + \$81,664 or \$257,070 for the first 13 years following passage of this Bill. Costs from the 14th year on would be \$81,664, if no inflation were involved.

Thus, cost to the Department the first 13 years would be (with no inflation) \$2,280,282 + \$1,061,632 or \$3,341,914.

257

$$\begin{array}{r} 257,070 \\ 13 \overline{) 3341914} \\ \underline{26} \\ 74 \\ \underline{65} \\ 91 \\ \underline{91} \\ 9 \end{array}$$

$$\begin{array}{r} 257,070 \\ \underline{2} \\ 514,140 \end{array}$$