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U. S. Department of Agriculture

EVERGREENS

Hardy Trees from a Rigorous Climate

1929

For

Forest Planting

and

Lining Out

Western Maine Forest Nursery

Fryeburg, Maine

PLANTING

TIME TO PLANT

Trees should be planted in the spring as soon after the frost is out of the ground as possible and before the trees begin to grow; or in the fall after the trees have finished growing.

Fall Planting has been found successful on dry sandy soils; on heavy loam or clay soil it is impractical because the action of the frost in the spring may heave the trees out of the ground.

VARIETIES TO PLANT

Forest Planting and Watersheds: White Pine, Red Pine, Scotch Pine, White Spruce, Norway Spruce.

Christmas Trees: Balsam Fir, White Spruce, Norway Spruce.

Ornamental Use: Koster Blue Spruce, Engelmann Spruce, Arbor-vitæ, Douglas Fir, Mugho Pine, Austrian Pine, White Pine, Red Pine, Scotch Pine, Norway Spruce, White Spruce, Balsam Fir.

KINDS TO PLANT ON DIFFERENT SOILS

Dry Sandy Soil: White Pine, Red Pine, Scotch Pine.

Moist Loam: White Spruce, Norway Spruce, Balsam Fir, White Pine.

Clay Loam: White Spruce, Norway Spruce, Balsam Fir.

SIZES TO USE

Four-year trees are preferable to three-year trees for almost every purpose. They have much better roots and tops and usually make twice as much growth the first year after planting as three-year trees. They withstand competition (grass, weeds, bushes) much better than the three-year olds and are generally considered worth the difference in price.

In cases where the trees have to travel long distances by express it is more economical to use three-year trees; these three-year trees are perfectly satisfactory for lining out and for forest planting where there is little competition.

WHITE PINE

(Shipped in New England only)

	Per 1000	Per 100
4 yr. transplants, 4-8 in.,	\$11.50	\$3.00
3 yr. transplants, 3-6 in.,	8.00	1.50

SCOTCH PINE

4 yr. transplants, 6-10 in.,	\$20.00	\$3.50
3 yr. transplants, 3-7 in.,	10.00	1.50

NORWAY (RED) PINE

5 yr. transplants, 6-12 in.,	\$25.00	\$4.00
4 yr. transplants, 4-8 in.,	20.00	3.50
3 yr. transplants, 3-6 in.,	10.00	1.50

NORWAY SPRUCE

4 yr. transplants, 4-7 in.,	\$20.00	\$3.50
3 yr. transplants, 2-6 in.,	10.00	1.50

WHITE SPRUCE

4 yr. transplants, 4-8 in.,	\$20.00	\$3.50
3 yr. transplants, 2-5 in.,	10.00	1.50

The demand for a collection of trees such as we offered last year has been so great that we are offering:

COLLECTION OF 100 TREES, \$3.50

All transplanted, very hardy; four years old; will make excellent ornamental trees in a few years.

25 Norway Spruce	25 Red Pine
25 Scotch Pine	25 White Spruce

No extra charge for packing (except on ornamental trees listed on Page 3). Trees shipped by express, F. O. B. Fryeburg, unless customer asks to have them shipped otherwise.

Terms: Net Cash.

DISCOUNT

5% discount allowed on all orders of \$250 or over; 10% discount allowed on orders of \$500 when paid within ten days.

All our trees have been inspected by State Nursery Inspectors, and found to be free from all injurious insects and diseases.

ORNAMENTAL TREES

Nursery grown. Several times transplanted.

Packing at cost.

Colorado Spruce, Green: 2 ft., \$3.00; 3 ft., \$4.00.

Norway Spruce: 2 ft., \$1.50; 3 ft., \$2.50; 4 ft., \$4.00.

White Spruce: 2 ft., \$1.50; 3 ft., \$2.50; 4 ft., \$4.00.

Red Spruce: 2 ft., \$1.50.

Douglas Spruce: 2 ft., \$2.00; 3 ft., \$3.00.

Balsam Fir: 2 ft., \$1.00; 3 ft., \$2.00; 4 ft., \$3.00.

White Pine: 2 ft., \$.75; 3 ft., \$1.00; 4 ft., \$2.00.

Norway Pine: 2 ft., \$1.50; 3 ft., \$2.00.

Scotch Pine: 3 ft., \$1.50; 4 ft., \$2.00.

Mugho Pine: 1 ft., \$2.00; 18 in., \$3.00.

Prostrate Juniper: 1 ft., \$.50; 2 ft., \$1.00.

Pyramidal Juniper: 2 ft., \$1.50; 3 ft., \$2.00.

Sibina Juniper: 1 ft., \$1.50; 18 in., \$2.50.

Red Cedar: 2 ft., \$1.50; 3 ft., \$2.50.

Hemlock: 2 ft., \$2.50; 3 ft., \$4.00.

American Arbor-vitæ: 2 ft., \$1.50; 3 ft., \$2.50; 4 ft., \$3.50.

Taxus Canadensis: 1 ft., \$1.50.

CARE OF TREES UPON ARRIVAL

Unpack trees promptly when received.

If not planted immediately, **Heel Them In.** (Place roots in shaded place, if possible, in furrow and pack dirt firmly over them. Keep moist. Do not crowd.) **ROOTS MUST NEVER BE ALLOWED TO DRY OUT.** Very Important.

HOW TO PLANT

We recommend the use of a special planting spade which is most advantageous where a large number of trees are to be set out and several men employed. One man carries the trees in a pail while from two to six men do the planting. Each planter carries the spade in his right hand and a few trees in his left hand, 10-25. The planter should never take more trees from the pail than he can plant before the roots get dry. The spade is driven straight into the ground, then worked back and forth until an opening is made, large enough to insert the roots of the trees. Roots should be perpendicular and well spread out. The earth should be firmly packed around the roots of the tree by stamping with the heel on each side of the opening. The best results are obtained by leaving the shovel in the opening until after the roots have

been inserted, then carefully pushing the tips of the roots into the bottom of the hole with the shovel point. Using this method a crew of men should average from 1000 to 2000 trees per man per day, according to the condition of the planting site. If the planting spades are not available, a common grub hoe can be used. Since a man cannot handle and swing a grub hoe with one hand, it is necessary that one man make the hole and a second man follow with a pail of trees and do the planting. Two men planting trees by this method can plant only a very few more per day than one man using the special planting shovel.

A 6 x 6 ft. spacing is recommended for forest and watershed planting, except where erosion is apt to take place, when a much closer spacing should be used. A 4 x 4 ft. spacing is generally used for Christmas tree planting.

In some instances where there is an exceptional amount of grass or an extra heavy turf, we have found it very beneficial and economical to plow a shallow furrow and to plant the trees in the furrow.

IMPORTANT

Cash or Good References must accompany orders. All orders filled in the order received and are subject to exhaustion of supply by error in estimating or losses due to weather, etc.

All losses or errors must be reported **PROMPTLY**.

On orders sold at thousand rate and shipped in small lots, extra charge will be made to cover packing.

Parcel post shipments 10% extra to cover special packing and postage.

We can give you better selection and service if orders are received before the planting season.

We will be glad to help you with any tree problem you may have.

CONTRACT PLANTING

We will contract to do forest tree planting anywhere in New England. The price of this work depends on the number of trees to be planted and the distance from the nursery to the planting site. Write for information.

SPECIAL PLANTING SPADE

New improved tool for forest tree planting. We believe this to be the most practical tree planting tool on the market. Will save its cost in wages the first few days it is used. Do not fail to order one or more of these spades when you order your trees.

Price: \$4.50