

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices

62 23

FALL '92 AND SPRING '93.



WHOLESALE CATALOGUE

. . . OF THE . . .

WAUKEGAN NURSERIES,

WAUKEGAN, ILLINOIS.

R. DOUGLAS & SONS, Proprietors.

We make a specialty of growing **HARDY, ORNAMENTAL EVERGREENS** for Parks, Cemeteries and Ornamental Planting.

Our list is not a long one, as we propagate the kinds we know to be hardy and valuable, and no others.

We make a specialty of growing Colorado Evergreens, which have attracted so much attention lately, both in this country and in Europe, and have by far the largest stock in cultivation.

Our Transplanted Trees are grown much further apart than is usual, allowing them room to be taken up with perfect roots.

We also make a specialty of growing Evergreen Trees from Seeds in very large quantities for Nurserymen, and Forest Trees for Planters.

TERMS AND CONDITIONS.



The terms of payment must invariably be *cash*, or *satisfactory security* before shipping.

When goods are ordered by Express, C. O. D., one-half the amount in cash must accompany the order.

We pack in strong, light boxes, for which we make a moderate charge.

No charge is made for delivering goods at Freight or Express Office.

After delivering our goods to forwarders, our responsibility ceases.

When losses occur through detention or neglect *en route*, claims should be made *at once*, on the forwarders.

Any mistake of ours will be promptly corrected if notified within ten days from receipt of goods.

Purchasers will confer a favor by stating the manner in which they wish their goods sent, by Freight or Express; also the route from Chicago, if practicable. Write Post Office address plainly.

The articles on the following list will be furnished at annexed prices only when the quantity specified is taken, except as follows: 50 at 100 rates; 500 at 1,000 rates, etc. Rates by the 100 or 1,000, etc., will not apply when two or more articles or classes offered separately are included to make up the required number. We have by far the largest stock of Evergreens ever offered in the United States, *all* grown from seeds on our own grounds.



LOCATION.



Our Nurseries are located on the western shore of Lake Michigan, thirty-five miles north of Chicago, on the Milwaukee division of the Chicago & North-Western Railway, (on which there are twenty-four passenger trains daily, between Chicago and Milwaukee.)

This being the terminus of the Belt Road, we can ship at Chicago rates to all distant parts of the country.

EVERGREEN TREES.

TRANSPLANTED.

ALL THRIFTY, STOCKY AND SEVERAL TIMES TRANSPLANTED.

	DOZEN.	100	1,000
Norway Spruce, 4 to 5 feet.....	\$ 5 00	\$	\$
Norway Spruce, 3 to 4 feet.....	3 00	20 00	
Norway Spruce, 2 to 3 feet.....	2 50	16 00	95 00
Norway Spruce, 18 to 20 inches.....	1 25	8 00	45 00
Norway Spruce, 10 to 15 inches.....	75	3 00	18 00
White Spruce, 3 to 4 feet.....	5 00		
White Spruce, 2 to 3 feet.....	3 50	25 00	
White Spruce, 18 to 20 inches.....	3 00	12 00	
Hemlock Spruce, 18 to 24 inches.....	3 00		
American Arbor Vitæ, 5 to 6 feet.....	5 00		
American Arbor Vitæ, 4 feet.....	4 00		
American Arbor Vitæ, 12 to 18 inches.....		4 00	30 00
Siberian Arbor Vitæ, 2 feet.....	3 00		
Scotch Pine, 4 to 5 feet.....	4 00		
Scotch Pine, 2 to 3 feet.....	2 00	8 00	
Scotch Pine, 12 to 18 inches.....	1 00	2 50	20 00
Mountain Pine, Dwarf, 2 feet.....	3 00	15 00	
Mountain Pine, Dwarf, 18 inches.....	2 00	10 00	
Red Pine, 18 to 24 inches.....	4 00	20 00	
Balsam Fir, 15 to 18 inches.....	2 00	10 00	
Balsam Fir, 10 to 15 inches.....	1 00	6 00	
Austrian Pine, 4 to 4 feet.....	6 00		
White Pine, 5 to 6 feet.....	5 00	30 00	
White Pine, 7 feet.....	6 00		

NEW AND RARE EVERGREENS.

The Blue Spruce of Colorado, *Picea pungens*, of the botanists, varies from deep green to light and dark blue in color. They are all beautiful, valuable and perfectly hardy trees, but the blue ones are most admired.

The Colorado Spruce is not excelled for a wind break. Strong, hardy and the *only* dog and boy proof Evergreen.

The Colorado Blue Spruce, the Douglas Spruce, of Colorado, *Pseudotsuga Douglasii* (Engelm) and the White Spruce, *Picea alba*, are the most ornamental and most hardy of all the spruces.

Specimen trees of these three kinds from 20 to 30 feet high, in Massachusetts, Illinois, Iowa, Kansas and Nebraska, convince us that they will stand extreme drouth in summer and extreme cold in winter better than the common so-called hardy evergreens.

A few very fine Blue Spruce, 6 feet, nicely packed, F. O. B., \$5.00 each.

	Per Pair	DOZEN.	100
Picea Pungens, Colorado Blue Spruce.....	\$	\$	\$
Fine Form Blue, 4½ to 5 feet.....	6 00	25 00	
Fine Form Blue, 3½ to 4 feet.....	4 00	20 00	130 00
Fine Form Green, 4 to 5½ feet.....	2 00	8 00	55 00
Fine Form Green, 3 to 4 feet.....	1 00	5 00	35 00
Picea Engelmannii of Colorado, 2 feet.....	4 00		
Abies Sibirica, Siberian Silver Fir, 20 to 24 inches...	2 00	6 00	
Abies Sibirica, Siberian Silver Fir, 15 to 18 inches...	1 00	5 00	
Abies Concolor, 2 to 3 feet.....	3 00		
Abies Concolor, 1 foot.....	1 50	10 00	
Arbor Vitæ, Golden, 5 to 6 feet.....	5 00		
Arbor Vitæ, Golden, 18 to 24 inches.....	1 00	10 00	
Arbor Vitæ, Pyramid, 4 to 5 feet.....	2 00	8 00	
Arbor Vitæ, Pyramid, 2 to 3 feet.....	1 50	6 00	
Arbor Vitæ, Little Gem, 8 inches in diameter.....	1 50	8 00	
Waukegan Trailing Juniper.....	50	5 00	
Picea Douglasii, 6 to 8 feet.....	5 00		
Picea Douglasii, 5 to 6 feet.....	4 00	18 00	110 00
Picea Douglasii, 2 to 3 feet.....	1 50	6 00	

For a strong, durable wind break take the Colorado Spruce.

EVERGREEN TREE SEEDLINGS.

The following are very fine, stocky and well rooted, and far superior to imported trees of same age, as they make a fine growth the first season after transplanting.

	100	1,000	10,000
Norway Spruce, 6 to 10 inches.....	\$ 60	\$ 5 00	\$45 00
Norway Spruce, 10 to 12 inches.....	1 50	10 00	95 00
White Spruce, (Black Hills), 6 to 10 inches.....	1 00	6 50	60 00
White Spruce, (Black Hills), 10 to 12 inches.....	1 50	10 00	
Austrian Pine, 2 years, 3 to 6 inches.....	60	5 00	
Scotch Pine, 4 to 6 inches.....	75	5 00	
White Pine, 3 years, 4 to 6 inches.....	1 00	8 00	
White Pine, 3 years, 6 to 8 inches.....	1 50	10 00	
Balsam Fir, 4 to 8 inches.....	1 00	7 00	
Colorado Blue Spruce, 3 to 6 inches.....	4 00	35 00	
Abies Concolor, 4 to 6 inches.....	4 00	35 00	
Douglas Spruce, 6 to 9 inches.....	3 00	25 00	

SHADE AND ORNAMENTAL TREES.

TRANSPLANTED.

	DOZEN.	100
American Linden, 5 feet.....	\$ 4 00	\$
American Linden, 3 to 4 feet.....	2 00	10 00
Catalpa Speciosa, 12 feet.....	12 00	
Catalpa Speciosa, 6 to 8 feet.....	6 00	30 00
Box Elder, 5 to 6 feet.....	2 00	8 00
European White Birch, 6 to 8 feet.....	6 00	
European White Birch, 4 to 6 feet.....	3 00	15 00
Wild Black Cherry, 7 to 10 feet.....	6 00	25 00
European Alder, 6 to 7 feet.....	6 00	
Green Ash, 4 to 5 feet.....	1 50	5 00
Black Walnut, 2 feet.....	1 00	5 00
Tulip Tree, 3 to 5 feet.....	6 00	
Silver Maple, 8 to 10 feet.....	5 00	25 00
Silver Maple, 6 to 9 feet.....	2 50	15 00
American Elm, 6 to 7 feet.....	10 00	
American Elm, 5 to 6 feet.....	4 00	20 00
Norway Maple, 4 feet.....	3 00	
American Mountain Ash, 4 to 5 feet.....	6 00	
European Alder, 4 to 5 feet.....	1 00	5 00

FOREST AND ORNAMENTAL TREE SEEDLINGS.

	100	1,000	10,000
Green Ash, 3 to 4 feet.....	\$ 1 00	\$ 5 00	\$40 00
White Ash, 1 to 2 feet.....	75	3 50	30 00
Silver Maple, 12 to 18 inches.....	50	3 50	
White Birch, European, 12 to 18 inches.....	1 00	6 00	
White Birch, European, 6 to 12 inches.....	75	4 00	
Canoe Birch, 12 to 20 inches.....	1 00		
White Elm, 10 to 15 inches.....	75	4 00	
Catalpa Speciosa, 12 to 18 inches.....	75	4 00	35 00
European Larch, 10 to 15 inches.....	1 00	9 00	
European Larch, 6 to 10 inches.....	75	5 00	
American Mountain Ash, 1 year.....	1 00	5 00	
European Mountain Ash, 1 year.....	1 00	5 00	

... WE OFFER THE ...

FOLLOWING PACKAGES

BY MAIL, POSTPAID,

FOR \$1.00 PER PACKAGE.

Our mail packages are made up of the number set opposite each kind, and we never divide the packages, nor put more than one kind in each \$1.00 package.

- No. 1—100 European Larch, 1 year.
- No. 2—100 White Ash, 10 to 12 inches.
- No. 3—100 Hardy Catalpa (*Catalpa Spesciosa*), 10 to 12 inches.
- No. 4—100 White Elm, 1 year.
- No. 5— 50 European Mountain Ash, 1 year.
- No. 6—100 European White Birch, 1 year.
- No. 7— 50 Norway Spruce, 6 to 9 inches.
- No. 8— 50 White Spruce, 4 to 6 inches.
- No. 9— 50 American Arbor Vitæ, 5 to 8 inches.
- No. 10— 50 Balsam Fir, 3 years.
- No. 11— 75 White Pine, 3 years.
- No. 12— 75 Austrian Pine, 3 to 6 inches.
- No. 13— 75 Scotch Pine, 7 to 9 inches.
- No. 14—100 Soft Maple, 1 year.

EVERGREEN TREE SEEDS.

	PER OZ.	PER LB.
<i>Picea Excelsa</i> , Norway Spruce.....	\$ 25	\$ 1 50
<i>Pinus Austriaca</i> , Austrian Pine.....	25	1 50
<i>Pinus Strobus</i> , White Pine.....	30	2 50
<i>Pinus Sylvertris</i> , Scotch Pine.....		1 50
<i>Juniperus Prostrata</i> , Prostrate Juniper.....		75
<i>Juniperus, Waukegan</i> Trailing.....		75
<i>Thuya Occidentalis</i> , American Arbor Vitæ.....	40	4 00
Colorado Blue Spruce, from bluest trees.....	80	
<i>Abies Concolor</i> , from Colorado.....	80	
Douglas Spruce.....	80	

DECIDUOUS TREE SEEDS.

	PER OZ.	PER LB.
Acer Platanoides, Norway Maple.....	\$ 25	\$ 1 50
Acer Saccharinum, Sugar Maple.....	25	1 50
Acer Negundo, Box Elder.....per bushel, \$3.50	25	1 50
European White Birch.....	30	2 00
Papyracæ, Canoe Birch.....	30	2 00
Catalpa Speciosa, Western or Hardy Catalpa.....	25	1 50
Fraxinus Alba, White Ash.....per bbl. \$8.00	25	1 00
Fraxinus Viridis, Green Ash.....per bbl. \$8.00	25	1 00
Larix Europa, European Larch.....	25	1 25
Prunus Serotina, Wild Black Cherry.....	15	1 50
Robinia Psevdo-Acacia, Yellow Locust.....	25	75
Pyrus Acuparia, European Mountain Ash.....		50

DIRECTIONS FOR SOWING EVERGREEN SEEDS.

Sow Evergreen seeds broad cast in beds 4 feet wide, light, sandy loam, cover very lightly. Shade the beds from the sun for the first year, either with lath frames or brush. The seeds are sown dry. The beds must be carefully hand-weeded the first and second years. The seedlings are then of proper size to be thinned out of the beds and planted in nursery.

DECIDUOUS TREE SEEDS.

Ash, Hard Maple, Box Elder, Black Cherry, etc., are better kept in moist sand during winter and sown in early spring. Catalpa, Birch and Ailanthus are kept dry in winter and sown in spring. Hard shelled seed, like the Locust should be soaked in hot water before sowing in spring. Soft Maple and Elm should be sown as soon as ripe in May or early June. All the above except Catalpa, Ailanthus and Locust are better sown early, or as soon as the ground is in condition in spring.

GARDEN AND FOREST.

AN ILLUSTRATED WEEKLY JOURNAL OF



Horticulture, Landscape,
Art and Forestry.

CONDUCTED BY

PROF. C. S. SARGENT, OF HARVARD.

Is already recognized in all parts of the World as the
American Authority in its Field.

PRICE, 10 CTS. A NUMBER; \$4.00 A YEAR, POSTAGE PREPAID.

ADDRESS

GARDEN AND FOREST PUBLISHING CO.,

TRIBUNE BUILDING, NEW YORK.

D. A. MONROE, MANAGER.