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Otto Katzenstein & Company

Atlanta, Georgia, U. S. A.



Price List of

SEEDS of AMERICAN CONIFERS, TREES, SHRUBS, HERBS

Number 24 - 1916 - 17

Cable Address.

TREESEEDS, ATLANTA, GA.
A. B. C. Code 4th, and 5th Edition
and Private Code

PLEASE READ CAREFULLY BEFORE
ORDERING.

THE PUBLICATION OF THIS LIST CANCELS
ALL PREVIOUS QUOTATIONS.

TERMS. Cash with order or 30 days net to book customers where no other arrangements are made. Remittance should be made in Dollars and Cents and in Atlanta or New York Exchange. Foreign postage stamps can not be accepted in payment.

During the duration of the war we expect remittance with all foreign orders.

EXPRESS PACKAGES into foreign countries must go charges prepaid. Rates at request.

PARCEL POSTAGE. Domestic rates according to zone tariff. Rates to foreign countries 12c (6d, 50 pfg) per pound or fraction. Remittance with order should include a sufficient amount for parcel postage.

SMALL QUANTITIES may be sent to foreign countries by sample post in packages not exceeding 12 oz. (350 grammes). Postage 6c (3d, 25 pfg), for each package. Registration 10c (5d, 45 pfg) a package.

FREIGHT goes at customer's risk, and where no instructions concerning routing are given, we use our best judgment. The transportation companies, alone, are responsible for delay and losses in transit, after we have taken their receipt.

FOREIGN SHIPMENTS are handled for us by Downing's Foreign Express, New York, and their agents abroad, unless we are otherwise instructed. Marine assurance will be attended to upon request.

NON-WARRANTY. We use the greatest care to have all our seeds, bulbs, plants, etc., pure and reliable, but they are sold without warranty and without any responsibility, expressed or implied, in respect to the crop. If the purchaser does not accept our goods under these terms, no sale is made thereof, and they must be held at our disposal and money paid for them be refunded. We are not to be held responsible beyond the invoiced value, and we can, under no circumstances, consider any claims after the seeds have been planted, unless they prove not true to name.

This list is published before the actual extent of most crops of tree and shrub seeds offered in it is known and our acceptance of orders is not a warranty for delivery, but it is subject to crop accidents and limitations of crops. Failing to receive the full amounts ordered from our collectors and growers we reserve the right to reduce proportionately all orders which have been booked. All quotations are subject to change without notice and are understood f. o. b. on cars Atlanta.

OTTO KATZENSTEIN & CO.

Atlanta, Ga.

**OTTO KATZENSTEIN & CO., TREE SEEDSMEN
ATLANTA, GEORGIA**

WINDBREAKS AND HEDGES



In addition to the TWELVE COLLECTIONS OF EVERGREENS BY MAIL as listed on page 15 of our price-list, we can offer this year some of the most desirable and popular kinds of TRANSPLANTED EVERGREENS FOR WINDBREAKS AND HEDGE PLANTING in sizes which allow of quick results.



PLANTING DIRECTIONS.

For planting windbreaks, work the ground as deep as possible and enrich it by adding some well rotted compost or fertilizer. Plant the trees ten feet apart and if possible allow for three rows, ten feet apart. The outer row should then be planted with the quick and tall growing White Pine, the middle row with Norway Spruce and the inside row with American Arbor Vitae. Keep the space between the trees well worked during the first few years.

Prepare the ground in the same manner for hedges, but plant the trees in a single row about one foot apart. Do not cut the hedge back when planted but the second summer in May just after the new growth starts, a clipping will be necessary.

At the low prices at which we can supply this larger transplanted stock, it should prove even more popular than the seedling plants which we have been permitted to sell to a large number of satisfied customers in the past.

	Size	Each	10	100
American Arbor Vitae.....	6-10"	\$0.20	\$1.50	\$ 6.00
<i>(Thuja occidentalis)</i>				
American Arbor Vitae.....	10-12"	.30	1.85	7.50
American Arbor Vitae.....	12-18"	.35	2.25	12.00
American Arbor Vitae.....	18-24"	.45	3.00	18.00
American Arbor Vitae.....	2-3'	.60	4.50	27.00
Norway Spruce	12-18"	.20	1.50	4.50
<i>(Picea excelea)</i>				
Norway Spruce	18-24"	.35	2.25	10.50
Norway Spruce	2-3'	.45	3.00	22.50
White Pine	12-18"	.35	2.25	10.50
<i>(Pinu strobus.)</i>				
White Pine	18-24"	.50	3.00	22.50
White Pine	2-3'	.65	3.75	30.00

5 plants of the same variety and size at the 10 rate.

50 plants of the same variety and size at the 100 rate.

Prices for larger quantities by letter, also prices on evergreens not here listed.

Delivery during spring unless fall delivery is specified. Prices f. o. b. nursery. No charge for packing of orders accompanied by cash.

To those who wish to try just a few plants of different kinds of evergreens, we recommend:

COLLECTION AA: 100 ASSORTED EVERGREENS IN FIVE VARIETIES, OUR SELECTION, 3" to 6", two-year seedlings, for \$1.00 postpaid.

Cash with Order.

MEMORANDUM FOR THE RECORD

TO: [Illegible]
FROM: [Illegible]
SUBJECT: [Illegible]

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Conifers

Half ounce, quarter pound rate at ounce and pound rates, respectively. No seeds invoiced for less than 10c. *Means not hardly north of Philadelphia. Quotations on large lots given by letter.

ABIES, Fir.	Oz.	Lb.
amabilis, Forb. Lovely Fir	\$.55	\$ 4.80
arizonica, Merr, Silver Cork Fir	1.35	12.00
balsamea, Mill, Balsam Fir .....	.25	2.10
concolor L. & G., White Fir.....	.25	2.10
concolor violacea .....	.35	3.20
grandis, Lindl. Oregon Silver Fir .....	.35	3.40
magnifica, Murr, Red Fir .....	.40	3.50
CEDRUS. Cedar.		
o deodara, Loud. Deodar Cedar .....	.30	3.00
o libani, Barr. Lebanon Cedar .....	.30	3.00
CHAMEACYPARIS. Cypress.		
lawsoniana, Pearl. Lawson's Cypress ..	.45	4.00
CUPRESSUS. Cypress.		
arizonica, Green .....	.45	4.00
goveniana, Gord .....	.45	4.00
macnabiana, Murr .....	.40	3.75
macrocarpa, Hart. Monterey Cypress ..	.20	1.60
GINGKO. Maidenhair Tree.		
biloba, Kaempf .....	.15	1.00
JUNIPERUS. Juniper.		
californica, Carr. ....	.30	3.00
communis, L. Dwarf J. ....	.20	1.60
occidentalis, Hook. Western J. ....	.25	2.65
monosperma, Eng. One-Seeded J. ....	.20	1.60
scopulorum, Sarg. Rocky Mountain J. ..	.20	1.80
virginiana, L. Red Cedar .....	.15	.65
LARIX. Larch.		
o americana Mx. Tamarack	1.60	15.00
o europaea D. C. European Larch .....	.25	2.25
LIBOCEDRUS. Incense Cedar.		
decurrens, Torr .....	.35	3.20
PICEA. Spruce.		
alba, Lk. White Spruce .....	.60	5.50
engelmanni, Eng. Engelmann's Spruce..	.60	5.50
o excelsa, Lk. Norway Spruce .....	.25	2.25
ungens, Eng. Blue Spruce .....	.45	4.00
ungens glauca .....	.60	5.50
rubra Lk. Red Spruce .....	.55	4.50
sitchensis Carr. Tideland Spruce .....	.55	4.50
PINUS. Pine.		
australis, see P. palustris.		
banksiana, Lamb. Jack Pine .....	.60	5.50
o cembra. L. Swiss Stone Pine .....	.20	1.40
contorta Dougl. Oregon Pine .....	.60	5.50
coulteri, d. Don. Coulter's Pitch Pine ....	.35	3.40
echinata, see P. mitis.		

Note: Articles marked o are generally imported from Europe. They are quoted here pending the possibility to receive them in time.

	Oz.	Lb.
<i>edulis</i> , Eng. Nut Pine .....	.20	1.85
<i>flexilis</i> , James, Western White Pine ....	.25	2.40
<i>insignis</i> , Dougl. Monterey Pine .....	.25	2.25
<i>jeffreyi</i> , Murray, Bull Pine .....	.30	2.75
<i>lambertiana</i> , Dougl. Sugar Pine .....	.20	1.75
<i>o laricio</i> , Poir, Corsican Pine .....	.25	2.40
<i>o laricio austriaca</i> , Austrian Pine.....	.30	2.75
<i>o maritima</i> , Poir .....	.20	1.35
<i>mitis</i> , Michx (P. <i>echinata</i> , Mill) Short leaf Pine .....	.55	5.25
<i>monophylla</i> , Torr & Frem. Nut Pine ....	.30	3.00
<i>o montana</i> , Mill, Swiss Mountain Pine..	.20	2.00
<i>o montana mughus</i> , Mugho Pine .....	.30	2.75
<i>monticola</i> , Dougl. Mountain White Pine .	.75	6.50
<i>muricata</i> , D. Don. Obispo Pine .....	.80	7.25
<i>murrayana</i> , Balf. Lodgepole Pine	1.00	8.00
* <i>palustris</i> , Miller, Longleaf Pine .....	.35	2.60
<i>pinaster</i> , see <i>maritima</i> .		
<i>ponderosa</i> , Dougl. Bull Pine .....	.25	2.20
<i>resinosa</i> , Sol. Red Pine	1.00	9.50
<i>rigida</i> , Miller Pitch Pine .....	.40	3.50
<i>sabiniana</i> , Dougl. Digger Pine .....	.15	1.35
<i>strobiformis</i> , Engelm. Mexican White Pine .....	.30	3.00
<i>strobis</i> , L. White Pine .....	.25	2.25
<i>o sylvestris</i> , L. Scotch Pine .....	.30	3.00
<i>taeda</i> , L. Oldfield Pine .....	.40	3.75

PSEUDOTSUGA.

<i>douglasi</i> , Carr. Douglas Spruce (Colora- do) .....	.50	4.50
<i>douglasi</i> , Carr. (Oregon) .....	.45	4.00

SEQUOIA.

<i>gigantea</i> , Torr. Big Tree	1.00	7.50
* <i>sempervirens</i> , Endl. Redwood40	3.75

TAXODIUM.

<i>distichum</i> , Rich. Bald Cypress15	.65
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TAXUS.

<i>o baccata</i> , L. European Yew30	2.75
<i>o cuspidata</i> , S. & Z. Japanese Yew	1.00	8.00

THUYA. Arborvitae.

<i>gigantea</i> , Nutt. Red Cedar .....	.60	5.50
<i>occidentalis</i> , L. Arborvitae .....	.35	3.00
<i>o*orientalis</i> , L. (Biota) Chinese A. V....	.15	1.50
<i>o*orientalis aurea</i> , Golden A. V. ....	.25	2.25
<i>o*orientalis compacta</i> , Compact A. V....	.25	2.25
<i>o*orientalis pyramidalis</i> , Pyramidal A. V.	.15	1.50

TORREYA. Nutmeg.

* <i>californica</i> , Torr. Cal. Nutmeg15	1.35
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TSUGA. Hemlock Spruce.

<i>canadensis</i> , Carr.60	5.00
<i>mertensiana</i> , Car.	1.40	13.50
<i>pattoniana</i> , Eng.	1.40	13.50

Trees and Shrubs

Half ounce, quarter pound, 25 pounds at ounce, pound and hundred pound rates, respectively. No seeds invoiced at less than 10c. Prices for large quantities will be quoted by letter upon request. *Means not hardly north of Philadelphia.

We are using the following abbreviations:

e Means evergreen.

d Means deciduous.

t Means tree.

s Means shrub.

v Means vine or climber.

db Means seed in natural shell.

c Means clean seed.

Example: et stands for evergreen tree.

	Oz	Lb.
ACER. Maple.		
dt circinatum, Pursh. Vine M. ....	.25	2.00
dt dasycarpum, Ehrh., Silver M (May).	.15	.70
dt glabrum, Torr. Western Smooth M. ..	.20	1.85
dt*macrophyllum, Pursh. Oregon M. ....	.15	1.00
dt negundo, L. Box Elder .....	.15	.60
dt pennsylvanicum, L. Moosewood M. ..	.25	2.25
dt platanoides L. Norway M. ....	.15	.60
dt pseudoplatanus, L. Sycamore M.....	.15	.75
dt rubrum, L. Red M. (May) .....	.20	1.65
dt saccharum, Marsh. Sugar M. ....	.15	.85
dt spicatum, Lam, Mountain M. ....	.20	1.85
AESCULUS. Buckeye.		
dt glabra, Willd. American B. ....	.15	.40
dt flava, Ait. Yellow B. ....	.15	.45
AILANTUS. Tree of Heaven.		
dt glandulosa, Desf. ....	.15	.45
ALNUS. Alder.		
dt rubra, Bong. (A oregana, Nutt) ....	.25	2.25
dt rugosa, Sprengel .....	.20	1.85
dt serrulata, Willd, Smooth Alder.....	.20	1.60
ALTHAEA. Rose of Sharon, see Hibiscus.		
AMELANCHIER. Service Berry.		
ds canadensis, T. & G. ....	.55	6.00
AMORPHA. Bastard Indigo.		
ds fruticosa, L. ....	.15	1.00
ds microphylla, Pursh. (nana, Nutt)	1.00	8.00
AMPELOPSIS. Virginia Creeper.		
dv quinquefolia Mchx. ....	.15	1.40
dv veitchi, Hort, Boston Ivy .....	.20	1.60
ANDROMEDA, see Leucothoe, Oxydendron, Pieris.		
ARALIA. Hercules Club.		
ds spinosa, L. ....c	.25	2.40
ARBUTUS. Madrona.		
dt menziesi, Pursh .....	.20	1.85
ARCTOSTAPHYLOS. Manzanita.		
es glauca, Lindl. ....	.15	1.30
es*pungens, H. B. K., Erect M. ....	.20	1.35
es*tomentosa, Dougl. ....	.20	1.85
ARISTOLOCHIA. Pipe Vine.		
dv siphon, L'Her .....	.70	6.50
ASIMINA. Pawpaw.		
dt triloba, Dun .....	.15	.80

AZALEA.

	Oz.	Lb.
ds arborescens, Pursh. Fragrant A. ....	.65	6.00
ds lutea, L. (calendulacea), Flame A. ..	.65	6.00
ds nudiflora, L. Wild Honeysuckle ....	.65	6.00
ds vaseyi, Gray, Carolina A. ....	.75	6.50
ds viscosa, L. Small White A. ....	.75	6.50

BERBERIS. Barberry.

o es aquifolium, Pursh .....	.15	1.40
es nervosa, Pursh .....	.85	
ds thunbergi D. C. ....	.20	1.60
ds vulgaris, L. ....	.15	1.25
o ds vulgaris atropurpurea .....	.35	2.65

BETULA. Birch.

dt alba, L. White B. ....	.15	1.00
o dt alba pendula Willd Weeping B. ....	.20	1.85
dt lenta, L. Black B. ....	.20	1.85
dt lutea, Mich.f. Yellow B.....	.20	1.85
dt nigra, L. River B. ....	.20	2.00
dt papyracea Ailt. Canoe Birch .....	.20	2.00
dt populifolia, Ait White B.20	1.35

CALLICARPA. French Mulberry.

ds americana L.db	.15	.60
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CALYCANTHUS. Sweet Shrub.

ds laevigatus, Willd15	1.10
ds*occidentalis, Hook & Arn25	2.25

CAMPHORA. Camphor.

et*officinalis Steud20	1.35
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CARAGANA. Siberian Pea.

o ds arborescens, L.20	1.85
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CARPINUS. Hornbeam.

dt caroliniana, Walt15	.65
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CARYA, see Hicoria.

CASTANEA. Chestnut.

dt dentata, Borkh (americana Mx.)15	.45
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CATALPA. Catalpa.

dt bignonioides, Walt. Indian Bean20	1.40
dt hybrida, Cpaeth20	1.85
dt speciosa, Warder .....	.30	2.40

As only the SIMON PURE WESTERN CATALPA will produce valuable trees, we do not carry in stock any longer the cheap speciosa seed, but can quote lowest prices to those who wish to plant them for ornamental purposes. OUR SIMON PURE SEED IS THE BEST GRADE IN THE MARKET AND IT GIVES SATISFACTION.

CEANOTHUS. Jersey Tea.

	Oz.	Lb.
ds americanus, L. ....db	.15	.80
ds americanus, L. ....c	.30	2.65
ds*thyrsoflorus, Eschsch. Blue Myrtle ..	.40	3.50
ds velutinus, Dougl. Velvety J. T.75	6.50

CELASTRUS. Bitter Sweet.

dv scandens, L.db	.20	1.60
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CELTIS, Hackberry.

dt occidentalis, L.15	1.00
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CEPHALANTHUS. Button Bush.

ds occidentalis, L.c	.15	.80
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	Oz.	Lb.
CERCIS. Redbud.		
dt canadensis, L.c	.15	.85
dt occidentalis, Torrc	.35	3.25
CHIONANTHUS. White Fringe.		
ds virginica, L. ....db	.15	1.00
CITRUS. Hardy Lemon.		
ds trifoliata, L. ....c	.20	1.60
CLEMATIS.		
dv paniculata, Thumb .....	.35	3.50
dv virginiana, L. ....	.25	2.00
CLETHRA. Pepperbush.		
ds alnifolia, L. ....	.15	.85
COLUTEA.		
ds arborescens, L. ....c	.20	1.60
CORYLUS. Hazelnut.		
ds alternifolia, L. f. Blue D. ....	.15	1.25
ds candidissima, Mill, Paniced D. ....	.15	1.00
ds amomum, Mill (sericea). Silky D. ..	.15	1.30
ds circinata, L'Her, Round-leaved D. ..	.20	1.70
dt florida, L. Flowering D. ....	.15	.45
ds mascula L. Cornelian Cherry.....	.15	.65
dt nuttalli, Aud. Western D. ....	.15	1.20
o ds sanguinea, L. European Osier ....	.20	1.00
ds stolonifera, Michx. Osier .....	.15	1.00
CORYLUS. Hazelnut.		
ds americana, Walt .....	.15	.60
CRATAEGUS. Thorn.		
dt coccinea, L. Scarlet T. ....	.15	.65
ds crus-galli, L. Cockspur T. ....	.15	.65
CYTISUS, see Spartium.		
DIOSPYROS. Persimmon.		
dt virginiana, L. ....c	.15	.60
ELAEAGNUS. Russian Olive.		
ds angustifolia, L. ....	.15	1.00
EUCALYPTUS. Blue Gum.		
ASK FOR SPECIAL EUCALYPTUS LIST.		
et*globulus, Labill .....	.55	5.50
et*robusta, Sm. ....	.55	5.50
et*rostrata, Cav. ....	.55	5.50
EUONYMUS. Burning Bush.		
ds americanus, L. ....	.20	1.60
ds atropurpureus, L. ....	.20	1.70
EXOCHORDA. Pearl Bush.		
ds grandiflora, Lindl. ....c	.30	2.50
FAGUS. Beech.		
dt americana, Sweet (ferruginea, Ait)		
American Beech .....	.15	.80
o dt sylvatica, L. European B. ....	.15	1.00
FRAXINUS. Ash.		
dt americana, L. (alba) White Ash—		
\$35.00 per 100 lbs. ....	.15	.55
dt nigra Marsh (sambucifolia) Black Ash	.20	1.85
dt quadrangulata, Mx. Blue A. ....	.20	2.00
dt viridis, Michx. Green A. ....	.15	.55

	Oz.	Lb.
FREMONTIA. Slippery Elm.		
ds californica, Torr. ....db	1.00	9.50
GAULTHERIA. Wintergreen.		
es procumbens, L. ....	.20	2.00
GLEDITSIA. Honey Locust.		
dt triacanthos, L. ....	.15	.55
GYMNOCLADUS. Kentucky Coffee Tree.		
dt dioica, Hoch. (canadensis, Lam.) ..c	.15	.75
HALESIA (Mohrodendron).		
dt tetraptera, L. Snowdrop Tree .....	.15	1.20
HAMAMELIS. Witch Hazel.		
ds virginica, L. ....c	.20	1.60
HIBISCUS. Althea.		
dt moscheutos, L. ....	.20	2.00
dt syriacus, L. ....c	.15	.85
HICORIA. Hickory.		
One bushel contains 50 lbs.		
dt alba Britt. (C. tomentosa, Nutt.) Mockernut—\$3.50 per 100 lbs. ...		.25
dt glabra, Britt. (C. porcina, Nutt.) Pig- nut—\$10.00 per 100 lbs. .. ...		.25
dt laciniosa, Sarg. (C. sulcata, Nutt.) Shellbark—\$12.00 per 100 lbs. ...		.25
dt minima, Britt (C. amara, Nutt) Bitter- nut—\$12.00 per 100 lbs. .... ...		.25
dt ovata, Britt (C. alba) Shellbark— \$12.50 per 100 lbs. .... ...		.25
dt pecan, Britt (C. olivaeformis, Nutt) Pecan—\$30.00 per 100 lbs. .. ...		.50
HYDRANGEA.		
ds arborescens, L. ....c	.40	3.50
ds paniculata, Sieb .....	.65	6.00
ds quercifolia, Batr. ....db	.80	7.50
ds radiata, Walt .....	.65	6.00
ILEX. Holly.		
ds cassine, L. Dahoon H. ....	.30	2.50
o es crenata, Thbg. Japanese H. ....	.35	3.00
es glabra, Gray, Inkberry .....	.15	.75
et opaca Ait, Am. Holly .....	.15	.50
ds verticillata, Gray, Deciduous H.....	.15	.55
JUGLANS. Walnut.		
dt cinerea, L. Butternut — \$6.00 per 100 lbs. ....		.25
dt nigra, L. Black Walnut—\$5.00 per 100 lbs. ....		.20
KALMIA. Mountain Laurel.		
es latifolia, L. ....	.35	3.00
KOELREUTERIA. Varnish Tree.		
dt paniculata, Laxm. ....	.20	1.40
LABURNUM. Golden Chain.		
ds vulgare Gries .....	.15	1.20
LAGERSTROEMIA. Crepemyrtle.		
dt*indica, L. ....	.40	6.50

LEUCOTHOE, see also Andromeda, Pieris.	Oz.	Lb.
es catesbaei, Graydb	.15	.80
es catesbaei, Grayc	.30	2.50
LINDERA (Laurus). Allspice.		
ds benzoin, Blumedb	.15	.85
LIQUIDAMBAR. Sweet Gum.		
dt styraciflua, L.c	.35	3.00
LIRIODENDRON. Tulip Poplar.		
dt tulipifera, L. . . . .	.15	.65
LONICERA. Honeysuckle.		
o ds tartarica, L. . . . .	.25	2.25
MACLURA. Osage Orange.		
ds aurantiaca, Nutt—\$46.00 per 100 lbs.	.15	.65
MAGNOLIA.		
dt acuminata, L. Cucumber Tree . . . . .	.20	1.45
et glauca, L. Sweet Bay . . . . .	.15	1.20
et grandiflora, L. . . . .	.15	1.00
dt macrophylla. Mx. . . . .	.25	2.00
dt tripetala, L. Umbrella M. . . . .	.20	1.50
MELIA. Pride of China.		
dt*azederach, L. . . . .	.15	.45
dt*a. umbraculifera, Sarg. Umbrella Tree	.15	.55
MENISPERMUM. Moonseed.		
dv canadense, L. . . . .	.25	2.25
MORUS. Mulberry.		
dt alba. L. var. tatarica, Russian M. . . . .	.25	2.25
MYRICA. Wax Myrtle.		
et*californica, Ch. & Schl. . . . .	.30	2.65
ds carolinensis, Mill . . . . .	.15	1.20
ds cerifera, L.db	.15	1.00
NEGUNDO, see Acer negundo.		
NYSSA. Black Gum. Tupelo.		
dt sylvatica, March (multiflora, Wang) db	.15	.65
OSTRYA. Hop Hornbeam.		
dt virginica, Willd. . . . .	.20	1.85
OXYDENDRON. Sourwood.		
dt arboreum D. C.c	.20	1.60
dt arboreum D. C.db	.15	.55
PAULOWNIA. Empress Tree.		
dt*imperialis, S. & Z.c	.15	1.20
PIERIS (Andromeda).		
es floribunda, B. & H.c	1.20	....
es floribunda, B. & H.db	.55	5.00
ds mariana, B. & H. Stagger Bushc	.25	2.00
ds mariana, B. & H.db	.15	.65
es*nitida, B. & H. Fetterbushc	.25	2.00
es*nitida, B. & H.db	.15	.65
PLATANUS. Sycamore.		
dt occidentalis, L. American S. . . . .	.15	.55
o dt orientalis, L. European S. . . . .	.15	.85
POPULUS.		
dt deltoides, Marsh. Cottonwood . . . . .	.15	1.25

PRUNUS. Plum. Cherry.		Oz.	Lb.
ds americana, Marsh Yellow Plum.....		.15	1.25
et caroliniana, Ait, Wild Olive.....		.15	1.00
et ilicifolia, Walp. Hollyleaf Cherry....		.25	2.00
et integrifolia, Sudw. Entire-leaf Cherry		.25	2.00
ds maritima, Wang. Beach Plum.....		.25	2.40
dt pennsylvanica L. f. Red Cherry.....		.20	1.75
dt serotina, Ehrh. Wild Black Cherry ...		.15	.45
dt virginiana, L. Choke Cherry.....		.15	1.40
PTELEA. Wafer Ash.			
ds trifoliata, L. ....		.20	2.00
PYRUS, see Sorbus.			
QUERCUS. Oak.		Lb.	100 Lbs.
One Bushel Contains 50 lbs.			
dt alba, L. White O. (November).....		.35	9.50
dt bicolor, Willd. Meadow O. ....		.45	16.00
dt coccinea, Wang. Scarlet O. ....		.40	14.00
dt digitata, Sudw. (falcata, Mx.) Span-			
ish O. ....		.45	18.00
ds ilicifolia, Wang. Scrub O. ....		.50	24.00
et laurifolia, Mx. Laurel O. ....		.45	16.00
dt lyrata, Walt. Overcup O. ....		.40	12.00
dt macrocarpa, Mx. Mossy Cup O.....		.35	11.00
dt nigra, L. Water O. ....		.35	12.00
dt obtusiloba, Mx. Post O. ....		.45	16.00
dt palustris, Muench. Pin O. ....		.50	20.00
dt phellos, L. Willow O. ....		.50	20.00
dt prinus, L. Chestnut O. (November)..		.35	9.50
dt rubra, L. Red O. ....		.35	9.00
dt velutina, Lam. (tinctoria, Mx.) Black			
O. ....		.45	15.00
et virginiana, Mill (virens, Ait.) Live			
O. (November) ....		.60	.....
RHAMNUS. Buckthorn.		Oz.	Lb.
dt caroliniana, Walt. India Cherry.....		.15	1.00
dt cathartica, L. ....		.15	1.00
dt purshiana, D. C. Cascara Sagrada....		.30	4.00
RHODODENDRON. Laurel.		Oz.	Lb.
es catawbiense, Michx. ....		.45	4.00
et maximum, L. ....		.40	3.60
RHUS. Sumach.			
ds aromatica, Ait ....		.20	1.10
ds copallina, L. ....		.15	.50
ds glabra, L. ....		.15	.50
ds typhina, L. ....		.15	.80
ROBINIA. Black or Yellow Locust.			
o dt pseudacacia, L.—\$55.00 per 100 lbs.		.15	.65
ROMNEYA. Matilija Poppy.			
ds coulteri, Harv.....		2.00	12.00
ROSA.			
ds blanda, Ait. Meadow Rose.....db		.15	.70
ds carolina, L. Swamp R.....db		.15	1.20
ds humilis, March ....		.15	1.20
ds lucida Ehrh ....db		.20	1.50
ds multiflora, Thbg. Japanese Climbing			
R. ....db		.20	2.00
ds nitida, Willd ....db		.15	1.40
ds rugosa, Thunb. Japanese R.....db		.20	1.60
ds setigera, Mx. Prairie R.....db		.15	1.40

	Oz.	Lb.
SAMBUCUS. Elder.		
ds canadensis, L. ....	.15	.85
SASSAFRAS.		
dt officinalis, Nees .....	.15	1.00
SCHINUS. California Pepper Tree.		
et*molle, L. ....	.15	1.40
SMILAX. Briar.		
ev laurifolia, L. ....	.15	.80
dv walteri, Pursh .....	.15	.80
SOPHORA. Pagoda Tree.		
dt japonica, L. ....	.30	2.50
SORBUS. Mountain Ash.		
dt americana, Marsh .....	.25	2.00
ds arbutifolia, K. Koch Chokeberry .....	.15	.80
o ds aucuparia, L. European M. A. ....	.20	1.60
SPARTIUM. Broom.		
es junceum, L. Spanish B. ....	.15	1.40
es scoparium, L. Scotch B. ....	.15	1.00
STAPHYLAEA. Bladder Nut.		
o ds colchica, Stev .....	.35	3.00
o ds pinnata, L. ....	.20	2.00
o ds trifoliata L. ....	.30	2.65
STUARTIA. American Camellia.		
ds pentagyna, L'Her .....	.20	2.25
SYMPHORICARPOS. Coral Berry.		
ds vulgaris, Michx. ....	.20	1.40
SYRINGA. Lilac.		
o ds vulgaris, L. ....c	.40	3.50
o ds vulgaris, L. ....db	.20	1.60
o ds Charles X .....	.30	2.50
TECOMA. Trumpet Flower.		
ds radicans .....	.25	2.00
TILIA. Basswood.		
dt americana, L. ....	.15	.85
o dt europaea, Ehrh. European Silver L.	.15	1.35
ULMUS. Elm.		
dt americana, L. ....	.15	1.00
VIBURNUM. Haw.		
ds acerifolium, L. ....	.15	1.20
ds cassinoides, L. Withe rod .....	.15	1.00
ds dentatum, L. Arrow wood .....	.15	1.00
ds lantanoides, Mx. Hobblebush .....	.20	1.50
ds lentago, L. Sheepberry .....	.15	1.40
ds nudum, L. Possum Haw .....	.15	.65
ds opulus, L. Highbush Cranberry .....	.20	1.50
ds prunifolium, L. Black Haw .....	.15	.65
VITIS. Grape.		
dv aestivalis, Michx. ....	.25	2.00
dv cordifolia, Michx. ....	.25	2.00
dv labrusca, L. ....	.25	2.00
dv rotundifolia, Michx. ....	.25	2.00

WISTARIA.

dv chinensis, D. C. ....	.40	3.50
dv chinensis alba .....	.45	4.25
dv frutescens, D. C. (W. speciosa Nutt) .....	.30	2.65
dv frutescens magnifica .....	.35	3.00

YUCCA. Adam's Needle.

et*baccata, Torr. ....	.85	8.00
et*brevifolia, Eng.	1.40	
es filamentosa, L.20	1.80
es glauca, Nutt45	3.50
es*Whipplei, Tor.65	5.50

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ROOTS—Five at 10, and 40 at 100 rates. Prices for large quantities upon application, also prices for any other herbaceous roots.

	SEEDS.	ROOTS.	
	Oz.	10	100
<i>Aquilegia caerulea</i>	\$3.50	\$2.00	\$12.00
<i>Aquilegia chrysantha</i>	3.50	2.00	10.00
<i>Asclepias tuberosa</i> .....	.80	.80	5.50
<i>Cassia marylandica</i> .....	.80		
<i>Clitoria mariana</i>	2.00	1.00	5.50
<i>Cypripedium acaule</i>		1.35	10.50
<i>Cypripedium spectabile</i>		4.00	32.00
<i>Darlingtonia californica</i>		3.50	22.00
<i>Dendromecon rigidum</i>	6.50		
<i>Dionaea muscipula</i>	13.00	1.00	6.50
<i>Drosera rotundifolia</i>	13.00	1.00	6.50
<i>Galax aphylla</i>		1.00	5.50
<i>Gentiana andrewsi</i>	8.00		
<i>Gentiana crinita</i>	10.00		
<i>Habenaria blephariglottis</i>	4.00	1.35	6.50
<i>Lilium</i>	Ask for prices.		
<i>Lobelia cardinalis</i>	2.40	1.35	6.50
<i>Passiflora incarnata</i> .....	.55	1.00	4.50
<i>Phlox subulata</i>	10.00	1.00	5.50
<i>Phytolacca decandra</i> .....	.55		
<i>Pyxidanthera barbulata</i>		2.60	
<i>Romneya coulteri</i>	2.00		
<i>Sarracenia flava</i>	1.35	1.00	5.50
<i>Sarracenia psittacina</i>	2.00	1.60	10.50
<i>Sarracenia purpurea</i>	1.35	.80	5.50
<i>Sarracenia rubra</i>	2.00	1.60	8.00
<i>Shortia galacifolia</i>		2.00	14.00
<i>Silene virginica</i>	3.50	1.00	5.50
<i>Stokesia cyanea</i>	1.00	1.00	5.50
<i>Thalictrum fendleri</i>	4.00	2.00	10.00

A Few Suggestions on Sowing Tree Seeds.

Sow small quantities in cold frames or in shallow boxes filled with carefully sifted, mellow, sandy loam. Larger quantities sow in seed-beds, which must be naturally or artificially sheltered from heavy east or northeast winds. Enrich soil with well rotted manure. Work the soil (a well drained sandy loam) thoroughly to a depth of twelve inches, removing sticks, stones, etc. Destroy weeds before sowing and avoid subsequent annoyance. Seed-beds can be used for a number of years.

Seeds with hard shells (like Robinia) soak in almost boiling water before sowing.

Seeds with thick pulp (like Magnolia) soften in water and wash off pulp immediately before sowing.

Seeds which naturally dry up or which will not start growth for a year or longer after planting, "stratify" by placing them in boxes or other vessels between alternate layers of sand, storing them in sheltered places out of the way of mice and other vermin. In due time sow like any other seeds. Keep stratified seeds moist. Sow broadcast or in drills. Drills facilitate cultivation. Cover seeds with soil equal to about the thickness of the seeds. Do not cover seeds too deep, especially not those of conifers; light mulch of seed-beds with moss, pine needles or similar material assists in retaining an even moisture. After sowing, press soil firmly with roller or back of spade and water thoroughly with fine spray. Shade seed-beds until seedlings appear, when shade must be removed gradually. Keep beds well weeded at all times.

To prevent "dampening off," sprinkle pulverized charcoal over and between the seedlings.

Ask for our folder "How to Make Tree Seeds Grow."

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These varieties have been thoroughly tested and proven absolutely hardy and reliable and will grow successfully in all parts of the country. Complete planting instructions and cultural directions will be furnished with each order sent. Send in your orders as early as possible to avoid disappointment, as stock is limited. Shipment will be made in March, April or May. You cannot afford to overlook these wonderful collections.

1.-100 Norway Spruce	3 yr. Seedlings
2.-100 Scotch Pine	2 yr. Seedlings
3.-100 Douglas Fir	3 yr. Seedlings
4.- 50 Colo. Blue Spruce	3 yr. Seedlings
5.-100 White Pine	2 yr. Seedlings
6.- 50 Black Hill Spruce	4 yr. Seedlings
7.-100 Amer. Arbor Vitae	3 yr. Seedlings
8.-100 Dwarf Mount. Pine	3 yr. Seedlings
9.-100 Jack Pine	2 yr. Seedlings
10.- 50 Red Cedar	2 yr. Seedlings
11.-100 Ponderosa Pine	2 yr. Seedlings
12.-100 White Spruce	3 yr. Seedlings

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