Historic, Archive Document

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

62.19
MEMBER

American Association of Nurserymen
Southern Nurserymen's Association
Tennessee State Nurserymen's Association
Société Dendrologique de France
Deutsche Dendrologische Gesellschaft, etc. etc.

No. 46

Season 1927-1928

PRICE LIST

of SEEDS

of

**Conifers, Forest
and Ornamental Trees,
Shrubs, Palms,
Fruit Trees
and
Roots and Seeds
of
Medicinal Plants**

Registered

Cable

Address

Treeseeds

Atlanta, Ga.

Codes

A B C

4th & 5th

Editions

Universal

Rud. Mosse

Private

Otto Katzenstein & Co.

TREE SEEDS SPECIALISTS

109 Druid Circle, N. E.

P. O. Box 259

ATLANTA, GEORGIA, U. S. A.

OUR PAMPHLET, "HOW TO MAKE TREE SEEDS
GROW," ON REQUEST WITH EVERY ORDER

THE FOLLOWING CONDITIONS GOVERN ALL TRANSACTIONS:

THE PUBLICATION OF THIS LIST CANCELS ALL
PREVIOUS QUOTATIONS.

IMPORTANT

WE HAVE DISCONTINUED CHARGES FOR THE
REGULAR BAGGING AND PACKING OF SEED
ORDERS AND WE ONLY CHARGE FOR THE PACK-
ING OF EXPORT SHIPMENTS UNDER SPECIAL
INSTRUCTIONS.

TERMS: Cash. Thirty days net or 2% discount for
cash within ten days from date of invoice to domestic book
customers. We expect remittance with order or other
arrangements, satisfactory to us, from our foreign custo-
mers. PRICES ARE QUOTED AND REMITTANCES ARE EXPECTED
IN U. S. MONEY.

ALL SHIPMENTS travel at customer's risk. After
having taken receipt of transportation companies we are
not responsible for delays, losses or injury to shipment
while in transit. Customer's redress is with transportation
companies only.

PARCEL POSTAGE. Domestic rates are governed by
zone tariff. Parcel postage into foreign countries is 14c
per pound or fraction of pound. In addition to this a
number of countries require payment of a surtax. Remit-
tances should cover sufficient amounts for postage, etc.

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,
express or implied, in respect to the crop. All sales are
made under these terms. We are under no circumstances to
be held responsible beyond the invoiced value of our goods
and **WE CANNOT, UNDER ANY CIRCUMSTANCES,**
CONSIDER ANY CLAIM AFTER THE GOODS HAVE
BEEN PLANTED. All claims must be made on receipt
of goods.

This list is published before the actual extent of some
crops of tree and shrub seeds, offered in it, is known and
our acceptance of orders is not a warranty for delivery
but is subject to crop accidents and limitations of crops.
Failing to receive the full amounts ordered from our col-
lectors and growers we reserve the right to reduce propor-
tionately all orders which have been booked or to fill orders
in rotation while the supply lasts.

Conifers

Half ounce and quarter pound at ounce and pound rates, respectively. No seeds invoiced for less than 15 cents. No invoice for less than 25 cents. Quotations on large quantities given by letter.

	OZ.	LB.
> ABIES arizonica, Silver Cork Fir	1.50	14.00
" balsamea, Balsam Fir	.45	4.00
" brachyphylla, see homolepis		
" cephalonica, Greek Fir	.40	3.60
" concolor, White Fir, from Colorado	.30	2.80
" concolor violacea	.40	3.80
" firma, Momi Fir	.35	3.00
" fraseri, Fraser Fir	.45	4.00
" grandis, Great Silver Fir	.60	5.50
" homolepis, Nikko Fir	.35	3.25
" magnifica, Red Fir	.55	5.00
" mariesi, Maries Fir	.40	3.80
" nobilis, Noble Fir	.70	6.00
" nordmanniana, Nordmann Fir	.45	4.00
" pectinata, European Silver Fir	.25	2.20
" pinsapo, Spanish Fir	.45	3.80
" religiosa, Oyamel Fir	.70	6.50
" veitchi, Veitch Fir	.45	4.00
	100s	1000s
ARAUCARIA brasiliana, Brazilian Araucaria	2.00	18.00
" bidwilli, Bunya-Bunya	6.00	.....
" excelsa, Norfolk-Island Pine	2.00	16.00
" imbricata, Monkeypuzzle	1.50	13.00
	OZ.	LB.
CEDRUS atlantica, Atlas Cedar	.40	3.50
" atlantica glauca	.55	5.00
" deodara, Deodar	.40	3.50
" libani, Cedar of Lebanon	.40	3.50
CEPHALOTAXUS drupacea, Japanese Plum-Yew....	.30	2.90
CHAMAECYPARIS lawsoniana, Lawson Cypress....	.50	4.60
" obtusa, Kinoki C.	.35	3.00
" pisifera, Sawara Retinospora	.35	3.00
CRYPTOMERIA japonica, Common C.	.30	2.50
CUNNINGHAMIA lanceolata (sinensis) Chinese-Fir	.45	4.20
CUPRESSUS arizonica, Arizona Cypress	.40	3.50
" benthami, Bentham C. (from Old Mexico)....	.75	6.50
" benthami, Imported	.45	4.20
" funebris, Mourning C.	.30	2.80
" glabra, Smooth C.	.35	3.20
" goveniana, Gowen C.	.60	5.00
" lusitanica, Portuguese C.	.65	6.00
" macrocarpa, Monterey C.	.35	3.40
" sempervirens, Italian C. (Domestic Seed)....	.45	4.20
" sempervirens, Imported	.35	3.00
" s. fastigiata, Pyramidal I. C. (domestic)....	.50	4.60
" s. fastigiata, Imported	.35	3.20
" s. horizontalis, Spreading I. C. (domestic)....	.45	4.00
" s. horizontalis, Imported	.35	3.20
GINKGO biloba, Maidenhair-tree	.15	1.25
> JUNIPERUS californica, California J.	.35	3.00
" cedrus	.70	6.00
" chinensis, Chinese J.	.30	2.65
" communis, Common J.	.20	1.60
" communis canadensis, Prostrate J.	.25	2.00

	OZ.	L.B.
" communis montana (nana), Mountain J.....	.25	2.00
" conferta (litoralis) Shore J.	.25	2.25
" excelsa, Greek Juniper	.25	2.25
" monosperma, Cherrystone J.	.30	2.65
" sabina, Savin	.30	2.65
" sabinoides	.25	2.20
" scopulorum, Colorado J.	.25	2.00
" virginiana, Redcedar, Platte River type	.15	1.10
" virginiana, Southern type	.15	1.00
LARIX dahurica, Dahurian Larch	.45	4.20
" europaea, European L.	.35	3.00
" leptolepis, Japanese L.	.45	4.80
" occidentalis, Western L.	.60	5.50
" sibirica, Siberian L.	.45	4.20
LIBOCEDRUS decurrens, California Incense-Cedar	.40	3.50
PICEA alcockiana, Alcock Spruce	.70	6.40
" canadensis (alba), White Spruce	.75	6.50
" canadensis, Black Hills S.	1.00	8.50
" canadensis albertiana, Alberta Black Hills S....	.75	6.50
" engelmanni, Engelmann Spruce	.80	7.50
" excelsa, Norway Spruce	.30	2.35
" omorika, Serbian S. ....	.....	.....
" orientalis, Oriental S.	1.00	10.00
" polita, Tigertail S.	.70	6.00
" pungens, Colorado S. (North Colo.).....	.75	7.00
" pungens glauca, Colorado Blue S.	1.20	9.00
" sitchensis (menziesi) Sitka S.	1.20	8.50
PINUS attenuata (tuberculata) Knobcone Pine.....	.70	6.00
" austriaca, see P. nigra		
" ayacahuite, Mexican White P. (Mexico).....	.60	5.50
" banksiana, Jack Pine	.60	5.50
" bungeana, Lacebark P.	.45	4.00
" canariensis, Canary P.	.35	3.00
" caribaea, Slash P.	.75	7.00
" cembra, Swiss Stone P.	.25	2.00
" cembroides, Mexican Stone P. (Old Mexico)....	1.00	9.00
" contorta, Shore P.	.70	6.50
" densiflora, Japanese Red P.	.30	2.60
" echinata (mitis), Shortleaf P.	1.00	8.00
" edulis, Nut P. (Pinyon)	.20	1.65
" excelsa, Himalayan P.	.45	4.20
" flexilis, Limber P.	.45	4.20
" halepensis, Aleppo P.	.30	2.40
" hartwegi, Hartweg P. (Old Mexico)	1.40	12.00
" inops, see Pinus virginiana		
" insignis, see P. radiata		
" jeffreyi, Jeffrey P.	.30	2.50
" koraiensis, Korean P.	.30	2.50
" lambertiana, Sugar P.	.25	2.25
" laricio, Corsican P.	.35	3.20
" laricio austriaca, see P. nigra		
" leiophylla, Chino P. (Old Mexico)	1.00	9.00
" maritima, see P. pinaster		
" massoniana, see densiflora		
" montana, Swiss Mountain Pine	.30	2.65
" montana mughus, Mugho P. (many-branched)	.40	3.80
" montezumae, Montezuma P. (Old Mexico).....	1.20	10.00
" monticola, Western White P.	.75	6.80
" muricata, Bishop P.	.70	6.50
" nigra, Austrian P.	.35	3.00

	OZ.	LB.
" palustris, Longleaf P.	.40	3.40
" patula, Jelecote P. (Old Mexico)	.80	7.00
" peuce, Macedonian P.	.45	4.00
" pinaster (maritima), Cluster P.	.15	1.35
" pinea, Italian Stone P.	.15	1.35
" ponderosa, Western Yellow P. Colorado.....	.30	2.65
" pseudostrobus (Old Mexico)	1.20	10.00
" radiata (insignis) Monterey P.	.45	4.00
" resinosa, Red P.	1.60	14.00
" rigida, Pitch P.	.85	7.50
" sabiniana, Digger P.	.20	1.70
" serotina, Pond P.	.80	7.00
strobiformis, see P. ayacahuite		
strobis, White P.	.45	4.00
" sylvestris, Scotch P.	.30	2.80
" taeda, Loblolly P. Oldfield P.	.75	7.00
" teocote (Old Mexico)	1.20	10.00
" thunbergi, Japanese Black P.	.30	2.40
tuberculata, see P. attenuata		
" virginiana (inops) Scrub P.	.75	6.50
PSEUDOLARIX kaempferi, Goldenlarch	.65	5.80
PSEUDOTSUGA douglasi, gray, Colorado Douglas		
Fir	.75	6.50
" douglasi, green Calif.	.75	6.50
" douglasi, green, West Wash.-Oregon	.80	7.00
SCIADOPITYS verticillata, Umbrella-Pine	.55	5.20
SEQUOIA gigantea, Giant S. Big Tree	1.70	15.00
" sempervirens, Redwood	.50	4.50
TAXODIUM distichum, Common Baldcypress	.15	1.40
TAXUS baccata, English Yew	.35	3.00
" cuspidata, Japanese Y.	.40	3.80
THUJA gigantea, see Th. plicata		
" occidentalis, American Arborvitae	.40	3.80
" orientalis, Oriental Av.	.20	1.75
" orientalis aurea, Golden O. Av.	.30	2.80
" orientalis compacta, Compact O. Av.	.30	2.80
" orientalis pyramidalis, Pyramidal O. Av.	.20	1.75
" plicata, Giant Av.	.65	5.60
TORREYA californica, California-Nutmeg	.30	2.60
" nucifera, Japanese Nutmeg	.25	2.10
TSUGA canadensis, Canada Hemlock	.75	7.00
" caroliniana, Carolina H.	.85	8.00
" diversifolia, Japanese H.	.70	6.00
" sieboldi, Siebold H.	.70	6.00

IMPORTANT.—We exercise every care to send out tree seeds true to name. We cannot extend this guarantee to the result from sowing seeds of such varieties of conifers as "aurea, compacta, glauca, pendula, pyramidalis, violacea, etc." Our collectors are careful in gathering the seeds from trees showing the peculiarities of the variety, but the seedlings will often revert to the mother form and as we have no way of testing the seeds as to their producing true to variety, we send them out without any warranty that they will come true any given percentage to variety.

Trees and Shrubs

Half ounce, quarter pound, 25 lbs. at ounce, pound and hundred pound rates, respectively. No seeds invoiced for less than 15 cents. No invoice for less than 25 cents. Prices for larger quantities will be quoted by letter upon request.

We are using the following abbreviations:

e means evergreen, d means deciduous.
t " tree s " shrub.
v " vine or climber.
db " seed in natural hull.
c " clean seed.

Example: et stands for evergreen tree.

	OZ.	LB.
ACACIA armata, Kangaroo Thorn	.75	6.50
dt " baileyana, Cootamundra Wattle	.55	5.00
dt " dealbata, Silver Wattle	.30	2.80
dt " farnesiana, Sweet Acacia	.35	3.00
dt " melanoxylon, Blackwood A.	.50	4.50
dt " moluccana, Molucca A.	.65	5.50
dt ACER campestre, Hedge Maple (1928)	.15	1.20
dt " dasycarpum, Silver Maple (May, 1928), order early.		
dt " ginnala, Amur M. (A. tataricum ginnala).....	.30	2.80
dt " japonicum, Fullmoon M.	.40	3.50
dt " macrophyllum, Oregon M.	.15	1.20
dt " negundo, Boxelder	.15	.60
dt " palmatum, (polymorphum) Japanese M.....	.45	4.00
dt " palmatum atropurpureum, Bloodleaf M.....	1.50	12.50
dt " pennsylvanicum (striatum), Striped M.....	.30	2.70
dt " platanoides, Norway M.	.15	1.10
dt " platanoides schwedleri, Schwedler M.....	.20	1.50
dt " pseudoplatanus, Sycamore M.....	.15	1.10
dt " rubrum, Red M. (May, 1928), order early.		
dt " saccharum, Sugar M.	.15	1.10
dt " spicatum, Mountain M.	.30	2.80
dt AESCULUS californica, California Buckeye.....	.15	.85
dt " glabra, Ohio B.	.15	.85
dt " hippocastanum, Horsechestnut	.15	.60
dt " hippocastanum rubicunda, Red H.	.15	1.00
dt AILANTHUS glandulosa, Tree-of-Heaven	.15	1.20
dv AKEBIA lobata, Threelaf A.	.40	3.50
dv " quinata, Fiveleaf A.	.50	4.00
dt ALBIZZIA julibrissin, Silktree	.20	1.85
dt " lebbek, Lebbek	.45	4.20
dt " lophantha (Acacia 1.) Plume Acacia	.25	2.00
dt ALEURITES cordata, Candlenut	.30	2.65
dt " fordii, Tung-oil tree	.15	1.40
dt ALNUS glutinosa, European A.	.15	1.40
ALTHAEA, see Hibiscus		
ds AMELANCHIER alnifolia, Saskatoon	.35	3.50
ds " canadensis (botryapium), Downy Shadblow	.35	3.40
dv AMPELOPSIS quinquefolia, Va. Creeper.....db	.25	2.20
dv " tricuspidata (veitchii), Boston Ivy.....db	.25	2.40
dv " tricuspidata, Japanese Creeper	.30	2.80

	OZ.	LB.
dt AMYGDALUS communis, Almond	.15	.80
dt " davidiana, Chinese Wild Peach (stock).....	.15	1.30
dt " persica, Peach, see Fruit Seeds		
ANDROMEDA, see Leucothoe, Oxydendrum, Pieris		
ds ARALIA spinosa, Devils-Walkingstick	.30	2.80
dt ARBUTUS menziesi, Madrone	.35	3.00
dt " unedo, Strawberry-tree	.30	2.80
es ARDISIA crenulata, Coral Ardisia	.50	4.50
es " japonica, Japanese A.	.50	4.50
dv ARISTOLOCHIA siphon, Dutchmans-Pipe	.60	5.25
dv " tomentosa, Pipevine	.40	3.50
ARONIA, Chokeberry, see also Sorbus		
ds " arbutifolia, Red Chokeberry	.15	1.35
ds ASIMINA parviflora	.25	2.00
dt " triloba, Papaw	.20	1.60
es AUCUBA japonica, Japanese (green) A.....	.35	3.00
es " japonica aureo-maculata, Variegated A.....	.60	5.00
AZALEA, Azalea, see also Rhododendron		
ds " arborescens, Sweet A. ....db	.65	6.00
ds " calendulacea (lutea), Flame A.....db	.45	4.20
	$\frac{1}{4}$ Oz.	1 Oz.
es " hinodegiri, Hinodegiri A. ....c	1.25	4.00
es " japonica, Japanese A. ....c	1.25	4.00
ds " kaempferi, Torch A. ....c	1.00	3.50
	OZ.	LB.
ds " mollis, Chinese A. ....c	1.20	9.00
ds " nudiflora, Pinxterbloom ....db	.55	5.00
ds " vaseyi, Pinkshell A. ....db	.65	6.00
ds " viscosa, Swamp A. ....db	.65	6.00
es BAUHINIA purpurea, Purple B.	1.20	.....
ds BENZOIN aestivale (Laurus benzoin) Spicebush	.20	1.75
BERBERIS, see also Mahonia		
ds " darwini, Darwin B.	.50	4.80
ds " thunbergi, Japanese Barberry ....c	.65	5.50
" thunbergi ....db	.25	2.00
ds " vulgaris atropurpurea, Purple B.	.25	2.35
dt BETULA alba, European White Birch	.15	1.30
dt " lenta, Sweet B.	.25	2.35
dt " lutea (excelsa) Yellow B.	.25	2.35
dt " papyrifera, Canoe B.	.25	2.40
dt " populifolia, Gray B.	.25	2.10
dv BIGNONIA radicans, Trumpet creeper ....c	.30	2.60
et BUXUS japonica (microphylla), Japanese Box....	.55	5.20
et " sempervirens, Common B.	.25	2.40
ds CALLICARPA americana, American Beautyberry	.30	2.60
ds CALYCANTHUS floridus (laevigatus) Com- mon Sweetshrub	.20	1.65
ds " occidentalis, California S.	.35	3.00
ds " praecox, see under Meratia		
es CAMELLIA chinensis, Chinese C.	.35	3.00
es " japonica, Common C.	.25	2.00
es " sasanqua, Sasanqua Tea	.25	2.35
" theifera, see Thea sinensis		
CAMPHORA, see Cinnamomum		
ds CARAGANA arborescens, Siberian Pea-tree.....	.25	2.00

	OZ.	LB.
dt CARPINUS caroliniana, American Hornbeam	.20	1.60
CARYA, see Hickoria		
dt CASTANEA dentata, American Chestnut (Oct.-Nov., 1927)	.15	.80
dt " japonica, Japanese C.	.15	1.00
dt " mollissima, Hairy Chinese C.	.15	1.00
ds " pumila, Chinkapin (Oct., 1927)	.20	1.30
dt CASUARINA cunninghamiana, Cunningham Beefwood	1.00	8.50
dt " equisetifolia, Australian Pine	.75	7.00
dt CATALPA speciosa, True wild Western C.	.25	2.00
ds CEANOTHUS americanus, Jersey-tea	.30	2.65
dt CEDRELA sinensis, Chinese C.	.70	6.50
dv CELASTRUS orbiculatus, Oriental Bittersweet	.65	5.00
dv " scandens, American B.	.25	2.20
dt CELTIS mississippiensis, Sugarberry	.15	1.30
dt " occidentalis, Hackberry	.20	1.75
dt " sinensis, Chinese H.	.30	2.60
ds CEPHALANTHUS occidentalis, Common Buttonbush	.15	1.00
et CERATONIA siliqua, Carob	.35	3.20
dt CERCIDIPHYLLUM japonicum, Katsura-tree	1.20	9.00
dt CERCIS canadensis, American Redbud	.25	2.25
dt " occidentalis, California R.	.35	3.00
dt " siliquastrum, Judas-tree	.30	2.60
ds CHIONANTHUS virginica, White Fringe	.35	3.00
et CINNAMOMUM camphora, Camphor-tree	.20	1.60
et CITRUS aurantium, Sour Orange	.65	6.00
et " trifoliata, Hardy Orange	.25	2.25
dt CLADRASTIS lutea (tinctoria) Yellow-wood	.40	3.50
dv CLEMATIS paniculata, Sweet Autumn C.	.40	3.40
ds CLETHRA alnifolia, Summersweet	.20	1.50
ds COLUTEA arborescens, Common Bladder-Senna	.20	1.70
CORDYLINE (Dracaena), see under Palm Seeds		
ds CORNUS alternifolia, Pagoda Dogwood	.25	2.00
ds " amomum (sericea) Silky D.	.20	1.60
" candidissima, see paniculata		
dt " florida, Flowering Dogwood	.15	.70
ds " kousa, Kousa D.	.40	3.50
dt " mas, Cornelian-Cherry	.15	1.40
ds " nuttallii, Pacific D.	.15	1.40
ds " paniculata, Gray D.	.15	1.40
ds " sanguinea, Bloodtwig D.	.15	1.40
ds " stolonifera, Red-Osier D.	.20	1.75
ds CORYLUS americana, American Hazelnut	.15	.80
ds " avellana, Filbert	.15	.80
ds COTONEASTER acutifolia, Pekin C.	.25	2.10
es " horizontalis, Rock C.	.50	4.50
ds " lucida (sinensis)	.25	2.10
es " microphylla, Rockspray	.50	4.50
dt CRATAEGUS coccinea, Thicket Hawthorn	.15	1.00
dt " cordata, Washington H.	.15	1.25
ds " crusgalli, Cockspur Thorn	.15	1.00
ds " mollis, Downy H.	.15	1.40
ds " nitida, Glossy H.	.15	1.40

		OZ.	LB.
ds	" oxyacantha, English H. ....db	.20	1.70
ds	" oxyacantha .....c	.25	2.20
ds	" punctata, Dotted H.	.15	1.40
	" pyracantha, see Pyracantha coccinea		
ds	CYDONIA japonica, Flowering Quince .....c	.60	5.00
ds	" oblonga (vulgaris) Common Q.	.50	4.00
	CYTISUS, see also Laburnum		
ds	" scoparius, Scotch Broom .....c	.20	1.50
dt	DALBERGIA hupeana, Tan-shu, Rosewood.....	.25	2.60
dt	DIOSPYROS kaki, Kaki Persimmon .....c	.25	2.00
dt	" lotus, Dateplum .....c	.20	1.75
dt	" virginiana, Common P. ....c	.15	.90
	DRACAENA, see Palm Seeds		
ds	ELAEAGNUS angustifolia, Russian-Olive.....	.15	1.20
ds	" longipes (edulis) Cherry E. ....c	.40	3.80
et	ERIOBOTRYA japonica, Loquat .....c	.50	4.50
et	EUCALYPTUS cornuta, Yate-tree .....c	.90	8.00
et	" corynocalyx, Sugar Gum .....c	1.00	9.00
et	" globulus, Blue Gum .....c	.90	8.00
et	" lehmanni, Lehmann Gum .....c	1.00	8.50
et	" melliodora, Honey Gum .....c	1.20	10.00
et	" punctata, Leatherjack .....c	.90	8.00
et	" resinifera, Mahogany Gum .....c	1.50	12.00
et	" robusta, Brown Gum .....c	.70	6.00
et	" rostrata, Greek Gum .....c	.70	6.00
et	" stuartiana, Apple Gum .....c	.90	8.00
et	" tereticornis, Slated Gum .....c	.90	8.00
et	" viminalis, Manna Gum .....c	.90	8.00
es	EUONYMUS alatus, Winged E. ....c	.35	3.40
ds	" americanus, Brook E. ....c	.25	2.20
ds	" atropurpureus, Wahoo .....c	.30	2.80
ds	" europaeus, European Burningbush .....c	.20	1.60
es	" japonicus, Evergreen E. ....c	.35	3.40
ds	EXOCHORDA grandiflora, Common Pearl bush	.45	3.80
dt	FAGUS americana, American Beech .....c	.20	1.50
dt	" sylvatica, European B. ....c	.20	1.50
dt	" sylvatica purpurea, Purple B. ....c	.30	3.00
dt	FRAXINUS americana, White Ash .....c	.20	1.60
dt	" excelsior, European Ash .....c	.15	.85
dt	" lanceolata (viridis) Green Ash .....c	.15	.80
dt	" ornus, Flowering Ash .....c	.15	1.00
dt	" quadrangulata, Blue Ash .....c	.20	1.60
dt	" velutina (arizonica) Arizona Ash .....c	.20	1.60
es	GAULTHERIA procumbens, Wintergreen .....c	.60	5.20
	GENISTA, see under Cytisus		
	GINKGO, see under Conifers		
dt	GLEDITSIA sinensis, Chinese Honeylocust .....c	.20	1.75
dt	" triacanthos, Common H. ....c	.15	1.00
et	GREVILLEA robusta, Silk-oak .....c	1.20	9.50
dt	GYMNOCLADUS dioica, Kentucky Coffeetree....	.15	1.40
dt	HALESIA tetraptera, Great Silverbell .....c	.25	2.00
ds	HAMAMELIS virginiana, Common Witch-Hazel	.25	2.20
es	HESPEROYUCCA whipplei (Yucca wh.) Cha- parral Yucca .....c	.60	5.50
	HETEROMELES, see under Photinia		

		OZ.	LB.
ds	HIBISCUS syriacus, Shrub-Althea	.20	1.60
		10	100
	Lb.	Lbs.	Lbs.
dt	HICORIA alba, (Carya tomentosa)		
	Mockernut	.30	2.00 12.50
dt	" cordiformis (C. amara) Bitternut.....	.30	2.00 14.50
dt	" glabra (C. porcina) Pignut	.30	2.00 12.50
dt	" laciniosa (C. sulcata) Shellbark H.....	.30	2.00 16.00
dt	" minima, see H. cordiformis		
dt	" ovata (C. alba) Shagbark H.	.30	2.00 14.50
dt	" pecan (C. olivaeformis) Pecan	.65	6.00 55.00
		OZ.	LB.
ds	HIPPOPHAE rhamnoides, Common Sea-Buck- thorn	.30	2.80
dt	HOVENIA dulcis, Raisintree	.40	3.50
ds	HYDRANGEA paniculata, Panicle H.	.50	4.50
et	ILEX aquifolium, English Holly	.20	1.90
es	" cassine (dahoon) Dahoon	.25	2.00
es	" cornuta, Chinese H. ....c	.45	4.20
es	" crenata, Japanese H. ....c	.35	3.20
es	" glabra, Inkberry .....db	.15	1.00
et	" opaca, American H. ....db	.15	.80
ds	" sieboldi, Siebold H. ....c	.45	4.00
ds	" verticillata, Common Winterberry .....db	.20	1.35
es	" vomitoria, Yawpon .....db	.25	2.00
et	ILLICIUM anisatum, Japanese Anisetree	.45	4.00
		10	100
	Lb.	Lbs.	Lbs.
dt	JUGLANS californica, California Walnut	.75	7.00 65.00
dt	" cinerea, Butternut	.20	1.80 16.50
dt	" cordiformis, see sieboldi cordiformis		
dt	" hindsii, Hinds W.	.75	7.00
dt	" nigra, Black W.	.20	1.60 14.50
dt	" regia (China) Persian English W.....	1.20	10.50
dt	" sieboldiana, Japanese W.	.75	7.00 65.00
dt	" " cordiformis Flat W.	.70	6.50 60.00
		OZ.	LB.
es	KALMIA latifolia, Mountain-Laurel .....db	.25	2.10
dt	KOELREUTERIA paniculata, Goldenrain-tree....	.20	1.80
ds	LABURNUM vulgare, Goldenchain	.25	2.00
ds	LAGERSTROEMIA indica, Common Crape- myrtle, in colors .....db	.35	3.40
et	LAUROCERASUS caroliniana, Cherry Laurel.....	.15	1.25
et	" lusitanica, Portugal-Laurel	.20	1.75
et	" officinalis (P. laurocerasus) English C-L.....	.15	1.80
	LAURUS, see also Benzoin, Laurocerasus		
et	" nobilis, Grecian Laurel	.20	1.50
	LAURUSTINUS, see under Viburnum tinus		
es	LEUCOTHOE catesbaei, Drooping Laurel.....db	.25	2.20
es	LIGUSTRUM amurense, Amur Privet	.15	.85
ds	" ibota, Ibota P.	.15	.90
es	" japonicum, Japanese P.	.20	1.30
es	" lucidum, Glossy P.	.20	1.80
es	" nepalense, Nepal P.	.35	3.00
es	" sinense (chinense) Chinese P.	.15	1.00
ds	" vulgare, European P.	.15	1.40
	LINDERA, see Benzoin		

	OZ.	LB.
dt LIQUIDAMBAR formosana, Formosa Sweetgum	.60	5.50
dt " styraciflua, Sweetgum	.45	4.20
dt LIRIODENDRON tulipifera, Yellow Poplar, Tuliptree	.15	1.20
ds LONICERA tatarica, Tatarian Honeysuckle	.50	4.60
ds " xylosteum, European Fly H.	.45	4.00
dt MACLURA pomifera (aurantiaca) Osage-Orange	.20	1.60
dt MAGNOLIA acuminata, Cucumbertree	.30	2.80
et " glauca, Sweetbay	.35	3.40
et " grandiflora, Southern M.	.20	1.80
dt " hypoleuca, Silver M.	.35	3.00
dt " kobus, Kobus M.	.30	2.80
dt " tripetala, Umbrella M.	.30	2.80
es MAHONIA aquifolium, Oregon Hollygrape, Do- mestic	.40	3.50
es " aquifolium, Imported	.45	4.00
es " bealei (japonica) Leatherleaf M.	.55	5.25
dt MELIA azedarach, Chinaberry	.20	.70
dt " " umbraculiformis, Texas Umbrellatree	.20	.70
ds MERATIA praecox (Calycanthus p.) Winter- sweet	.40	3.80
dt MORUS alba, White Mulberry	.55	4.80
dt " alba tatarica, Russian M.	.55	4.80
ds MYRICA carolinensis, Northern Bayberry	.25	2.00
ds " cerifera, Southern B.	.25	2.00
dt NANDINA domestica, domestic seed	.70	6.00
" " imported seed	.45	4.00
NEGUNDO, see Acer negundo		
dt NYSSA aquatica, Big Tupelo	.20	1.60
dt " sylvatica (multiflora), Tupelo Blackgum	.20	1.60
ORANGE, see under Citrus		
dt OSTRYA virginiana, American Hophornbeam	.25	2.40
ds OXYDENDRUM arboreum, Sourwood	.15	1.20
dt PAULOWNIA tomentosa (imperialis), Princess- tree	.30	2.60
es PERSEA borbonia, Redbay	.25	2.25
et PHOTINIA arbutifolia (Heteromeles) Christmas- berry	.25	2.00
es " serrulata, Low P.	.35	3.00
es PIERIS floribunda, Mountain Andromeda	.35	3.20
es " floribunda, Mountain Andromeda	1.20	10.00
es " japonica, Japanese Andromeda	1.20	10.00
ds " mariana, Staggerbush	.20	1.60
ds " mariana, Staggerbush	.35	3.20
dt PISTACIA chinensis, Chinese Pistache	.25	2.00
es PITTOSPORUM tobira, Tobira	.45	4.00
dt PLATANUS occidentalis, American Planetree	.15	.85
dt " orientalis, European P.	.15	1.10
dt POINCIANA regia, Royal Poinciana	.30	2.60
PONCIRUS, see Citrus		
dt POPULUS deltoides, Southern Cottonwood	.20	1.60
PRUNUS, Cherry, Plum (also Fruit Seeds)		
dt " americana, American Plum	.15	1.40
dt " avium, Mazzard Cherry	.15	1.40
" caroliniana, see Laurocerasus c.		
et " ilicifolia, Hollyleaf Cherry	.20	1.80

		OZ.	LB.
et	PRUNUS laurocerasus, see Laurocerasus officinalis		
et	" lyoni (integrifolia) Catalina Cherry	.25	2.00
dt	" mahaleb, Mahaleb Cherry	.20	1.50
dt	" myrabolana, Myrabolan Plum	.15	1.45
dt	" serotina, Black Cherry	.15	1.10
dt	" tomentosa, Nanking Cherry	.60	5.50
dt	" virginiana, Common Chokeberry	.15	1.00
dt	PTELEA trifoliata, Common Hoptree	.15	1.30
dt	PTEROCARYA stenoptera, Chinese Wingnut.....	.25	2.00
dv	PUERARIA thunbergiana, Kudzu-Bean	.30	2.50
es	PYRACANTHA coccinea, Scarlet Firethorn.....	.15	1.20
es	" coccinea lalandi, Laland F.	.25	2.00
es	" coccinea yunnanensis, Yunnan F.	.30	2.60
	PYRUS, see Aronia, Cydonia, Sorbus, Fruit seeds		
		1	10
		Lb.	Lbs.
et	QUERCUS acuta, Japanese Evergreen Oak	1.60	14.00
et	" agrifolia, California Live Oak	1.00	9.00
dt	" alba, White O. (November only).....	.40	3.00
dt	" coccinea, Scarlet O.	.50	4.20
dt	" falcata (digitata) Southern Red O.....	.50	4.20
et	" glauca, Blue Japanese O.	1.60	14.00
dt	" ilicifolia (banisteri) Scrub O.	.60	4.50
dt	" laurifolia, Laurel O.	.50	4.20
dt	" lyrata, Overcup O.	.50	4.20
dt	" macrocarpa, Mossycup O.	.55	4.60
et	" nigra (aquatica) Water O.	.50	4.20
dt	" obtusiloba, see stellata		
dt	" palustris, Pin O.	.55	4.40
dt	" phellos, Willow O.	.55	4.40
dt	" prinus, Chestnut O. (November only)	.50	4.20
dt	" rubra, Common Red O.	.45	3.80
dt	" stellata, Post O.	.50	4.20
dt	" velutina (tinctoria) Black O.	.50	4.20
et	" virginiana, Live O.	.80	7.00
		OZ.	LB.
ds	RHAMNUS caroliniana, Carolina Buckthorn.....	.20	1.60
ds	" cathartica, Common B.	.25	2.00
ds	" frangula, Glossy B.	.20	1.90
dt	" purshiana, Cascara B.	.40	3.60
es	RHODODENDRON carolinianum, Carolina Rh.	.70	6.50
es	" catawbiense, Catawba Rh.	.50	4.50
es	" maximum, Rosebay Rh.	.45	4.00
ds	RHODOTYPOS kerrioides, Jetbead	.40	3.80
	RHUS aromatica, see Rhus canadensis		
ds	" canadensis, Fragrant Sumac	.20	1.60
ds	" copallina, Shining S.	.15	1.00
dt	" cotinus, Common Smoketree, Purple Fringe....c	.45	4.00
ds	" glabra, Smooth S.	.15	.90
ds	" javanica, Java S.	.25	2.20
ds	" typhina, Staghorn S.	.15	1.30
dt	ROBINIA neo-mexicana, New Mexican Lo-cust	.35	3.00
dt	" pseudacacia, Common Black (Yellow) L.....c	.15	1.00
ds	ROSA blanda, Meadow Rose	.15	1.40
ds	" canina, Dogbrier	.15	1.00
ds	" carolina, see R. palustris		

		OZ.	LB.
ds	" coriifolia froebeli (laxa), Froebel R. excel- lent for stocks	.30	2.60
ds	" humilis, Pasture R. ....db	.20	1.60
ds	" lucida, Virginia R. ....db	.20	1.60
ds	" multiflora, Japanese R. ....c	.25	2.40
ds	" nitida, Bristly R. ....db	.20	1.60
ds	" palustris, Swamp R. ....db	.20	1.60
ds	" rubiginosa, Sweetbrier ....db	.20	1.75
ds	" rubrifolia, Red-leaf R. ....c	.40	3.60
ds	" rugosa, Rugosa R. ....db	.25	2.00
ds	" rugosa, Rugosa R. ....c	.30	2.80
ds	" setigera, Prairie R. ....db	.20	1.75
SALISBURIA, see Ginkgo (Conifers)			
ds	SAMBUCUS canadensis, American Elder ....db	.20	1.65
ds	" nigra, European E. ....c	.25	2.00
ds	" racemosa, European Red E. ....db	.30	2.60
dt	SAPIUM sebiferum, (Stillingia s.) Chinese Tal- lowtree	.15	1.20
dt	SASSAFRAS variifolium, Common S.	.20	1.50
dt	SCHINUS molle, California Peppertree	.20	1.75
es	SKIMMIA japonica	.45	4.00
dt	SOPHORA japonica, Chinese Scholartree	.20	1.75
dt	SORBUS americana, American Mountain-Ash.....	.20	1.40
	" arbutifolia, see Aronia a.		
dt	" aucuparia, European M.	.20	1.70
SPARTIUM, see also Cytisus			
ds	" junceum, Weaversbroom	.25	2.20
$\frac{1}{4}$ Oz.			
dt	SPATHODEA campanulata, Fountaintree 1.40	4.80	.....
dt	STERCULEA platanifolia, Chinese Parasoltree....	.25	2.00
ds	STEWARTIA pentagyna, Mountain Ash.....	.70	6.50
ds	" pseudocamellia, Japanese Ash	.70	6.00
STILLINGIA, see Sapium			
ds	STYRAX americana, American Snowbell	.20	1.75
ds	" japonica, Japanese Snowbell	.30	2.80
ds	" obassia, Fragrant S.	.45	4.20
et	SWIETENIA mahogany, True Mahogany	.90	7.50
ds	SYMPHORICARPOS racemosus, Common Snow- berry	.25	2.25
ds	" vulgaris, Coralberry	.20	1.75
ds	SYRINGA japonica, Japanese Tree Lilac.....c	.90	7.50
ds	" vulgaris, Common L. ....db	.20	1.50
ds	" vulgaris	.40	3.50
ds	" vulgaris alba, White Flowering L.....db	.30	2.80
TECOMA, see Bignonia			
es	THEA sinensis, Tea	.25	2.10
dt	TILIA americana, American Linden	.25	2.00
dt	" parvifolia, Small-leaf European L.	.25	2.00
dt	" platyphyllos, Big-leaf European L.....	.25	2.00
dt	" tomentosa (argentea), Silver-leaf L.	.25	2.00
dt	" vulgaris, Common European L.	.25	2.00
dt	ULMUS americana, American Elm (May, 1928)	.15	1.20
dt	" campestris, English E. (June, 1928).....	.20	1.50
dt	" parvifolia, Chinese E. (December, 1927).....	.30	2.80
dt	" pumila, Chinese E. (July, 1928).....	.40	3.50

		OZ.	LB.
ds	VIBURNUM acerifolium, Mapleleaf V. ....db	.20	1.50
ds	" americanum, American Cranberrybush.....db	.20	1.70
ds	" cassinoides, Witherod .....db	.20	1.60
ds	" dentatum, Arrowwood .....db	.20	1.60
ds	" dilatatum, Linden V. ....c	.25	2.40
ds	" lantana, Wayfaring-tree .....db	.25	2.20
	" lantana .....c	.35	3.40
dt	" lentago, Nannyberry .....db	.20	1.60
dt	" molle, Kentucky V. ....c	1.00	8.00
ds	" nudum, Smooth Witherod .....db	.20	1.60
es	" odoratissimum, Sweet V. ....c	.40	3.60
ds	" opulus, European Cranberrybush .....db	.20	1.90
	" opulus .....c	.30	2.60
	" oxycoccos, see V. americanum		
ds	" prunifolium, Blackhaw .....db	.15	1.20
es	" tinus, Laurustinus .....db	.25	2.20
	VIRGILIA, see Cladrastis		
dv	VITIS aestivalis, Summer Grape .....c	.30	2.60
dv	" coignetiae, Gloryvine .....c	.35	3.00
dv	" cordifolia, Frost G. ....c	.30	2.60
dv	" labrusca, Fox G. ....c	.30	2.60
dv	" rotundifolia, Muscadine G. ....c	.35	3.00
dv	WISTERIA sinensis (chinensis) Blue Chinese W. ....c	.25	2.35
dv	" sinensis alba, White Chinese W. ....c	.35	3.20
es	YUCCA brevifolia, Shortleaf Y.	1.00	.....
es	" filamentosa, Common Y. Beargrass .....c	.30	2.65
es	" glauca, Soapweed Y. ....c	.35	3.00
es	" gloriosa, Moundlily Y. ....c	.45	4.20
	" whipplei, see Hesperoyucca		
dt	ZELKOVA serrata, Sawleaf Z.	.30	2.80
dt	ZIZYPHUS jujuba, Common Jujube .....c	.30	2.60

We are offering the complete line of E. C. BROWN CO. SPRAYING APPARATUS for every purpose, which has been enjoying the highest reputation for many years. Write for catalog and price list.

NEPONSET WATERPROOF PAPER POTS are a great and almost indispensable help to the grower. We supply them. Write for complete price list and other information.

PRACTICAL SEED TESTERS

It is of importance that tree seeds and other seeds be tested before planting. Our testers are dependable and very simply operated.

Small size, 6x9 in., \$4.00 net, f. o. b. here, no charge for packing.

Large size, 9x13 in., \$5.00 net, f. o. b. here, no charge for packing.

Seeds of Palms, Tropical and Subtropical Plants

IMPORTANT: Palm seeds should be cared for by the planter as soon as possible after ripening and gathering, and as many kinds listed by us must be shipped to us over long distances, orders should be in our hands as early as possible to have best care.

	100s	1000s	Oz.	Lb.
ACROCOMIA sclerocarpa	4.80	.....	.....	.....
ARCHONTOPHOENIX alexandrae....	.65	5.00	.....	.....
ARECA catechu	.70	5.50	.....	.....
“ lutescens, see Chrysalidocarpus				
ARENGA saccharifera, Sugar P.	1.75	14.00	.....	.....
ATTALEA cohune	2.80	.....	.....	.....
BRAHEA, see Washingtonia				
CARICA papaya .....	.....	.....	.80	6.50
CARYOTA mitis, Fishtail P.	1.40	10.00	.....	.....
CARYOTA urens, Toddy P.	1.60	11.00	.....	.....
CASUARINA cunninghamiana .....	.....	.....	1.00	8.50
“ equisetifolia, Australian Pine ...	.....	.....	.75	7.00
CERATONIA siliqua, Carob .....	.....	.....	.35	3.20
CHAMAEROPS excelsa, see Trachycarpus				
“ humilis, Hair P.	.60	5.25	.....	.....
CHRYSALIDOCARPUS lutescens, Yellow Areca	1.20	9.50	.....	.....
COCCOTHRINAX argentea, Silver Palm	.75	6.50	.....	.....
COCOS australis, Pindo P.	.75	6.00	.....	.....
“ campestris, Field P.	.75	6.00	.....	.....
“ plumosa, San Diego P.	1.00	8.00	.....	.....
“ weddelliana, Weddell P.	2.80	20.00	.....	.....
CORDYLINE australis, Green				
Dracena	.25	1.00	.....	.....
“ indivisa, Blue D.	.25	.85	.....	.....
CYCAS revoluta, Sago Palm	10.00	90.00	.....	.....
DRACAENA draco, Dragontree	.55	5.00	.....	.....
ELAEIS guineensis	1.25	10.00	.....	.....
ERIOBOTRYA japonica, Loquat .....	.....	.....	.50	4.50
ERYTHEA armata, see Glaucothea				
“ edulis, Guadelupe P.	.60	5.50	.....	.....
EUCALYPTUS, see page 9				
GEONOMA gracilis	2.40	20.00	.....	.....
GLAUCOTHEA armata, Blue P.	1.10	9.00	.....	.....
GREVILLEA robusta, Silk-oak .....	.....	.....	1.20	9.50
HEDYSCEPE canterburyana, Canter- bury P.	4.80	40.00	.....	.....
HOWEA forsteriana	2.60	20.00	.....	.....
KENTIA, see Hedyscepe, Howea				
“ mooreana	2.40	18.00	.....	.....

	100s	1000s	Oz.	Lb.
JUBAEA spectabilis, Syrup Palm	2.60	20.00		
LATANIA borbonica, see Livistona sinensis				
LICUALA grandis	2.40	18.00		
LIVISTONA australis (Corypha)				
Australian Fan P.	1.75	12.00		
" rotundifolia, Java Fan P.	3.50	30.00		
" sinensis (Latania borbonica)				
Chinese Fan P.	.40	3.00		
OREODOXA, see Roystonea				
PANDANUS utilis, Screw Pine	.90	8.00		
PHOENIX canariensis, Canary Date P.	.35	2.10		
" cycadifolia	.75	6.00		
" dactylifera, Date P.	.50	4.00		
" farinifera	.85	6.00		
" glauca	.70	5.00		
" leonensis, Senegal Date P.	.50	4.00		
" pumila, Dwarf Date P.	.50	4.00		
" reclinata, Senegal Date P.	.50	4.00		
" roebelini, Roebelin P.	2.10	15.00		
" rupicola, Cliff Date P.	.80	6.50		
" sylvestris, India Date P.	.60	5.00		
POINCIANA regia, Royal P.			.30	2.60
PRITCHARDIA filifera	.45	2.20		
" pacifica (Corypha umbrac.)	1.20	8.50		
ROYSTONEA regia (Oreodoxa)				
Royal P.	.55	4.20		
SABAL blackburneana, Blackburn P.	.90	7.00		
" palmetto, Carolina P.	.70	6.00		
SEAFORTHIA elegans	.40	2.50		
SKIMMIA japonica			.45	4.00
STRELITZIA nicolai (augustae)				
Bird-of-Paradise flower.	4.00			
SWIETENIA mahogany, True				
Mahogany			.90	7.50
SPATHODEA campanulata, Foun- taintree (¼ oz. \$1.40)			4.80	
TEMPLETONIA retusa	1.00	8.00		
THRINAX altissima, Thatch P.	.70	4.50		
" parviflora, Jamaica T. P.	.50	2.80		
TRACHYCARPUS excelsa				
(Chamaerops) Windmill P.	.45	3.50		
WASHINGTONIA filifera, California				
Washington Palm			.30	2.00
" robusta, Mexican W. P.			.35	2.40
" sonorae, Mexican W. P.			.40	2.60

WRITE US REGARDING OTHER KINDS OF PALM, ETC.,
SEEDS FOR WHICH YOU ARE IN THE MARKET, SO THAT
WE MAY QUOTE PRICES.

IF YOU GATHER ANY PALM, ETC., SEEDS WE SHOULD
BE INTERESTED IN YOUR OFFERS.

Fruit Seeds

Please order Fruit Seeds early and write for quantity prices.

	Oz.	Lb.	100 Lbs.
ALMOND	.15	.80	70.00
APPLE, French Crab	.20	1.65	140.00
“ Austrian	.15	1.30	100.00
“ German, from wild trees	.20	1.50	135.00
“ Vermont	.20	1.65	130.00
APRICOT, Russian	.15	.40	22.50
BUTTERNUT, see Juglans cinerea on page 10			
CHERRY, Mahaleb, washed	.20	1.50	115.00
“ Mazzard, washed	.15	1.40	105.00
CHESTNUT, see under Castanea on page 8			
HAZELNUT, see under Corylus on page 8			
HICKORY, see under Hicoria on page 10			
LEMON, see under Citrus on page 8			
ORANGE, see under Citrus on page 8			
PEACH, Chinese Wild	.15	1.30	.....
“ Naturals, small seed	.15	.40	.....
PEAR, Austrian Wild	.20	1.50	135.00
“ French	.40	3.80	340.00
“ German, from true wild trees.....	.30	2.60	240.00
“ Chinese, Pyrus calleryana, true	1.20	9.00	.....
“ Japanese, P. ussuriensis	.90	7.50	710.00
“ Late Jap. Pear, P. serotina	.75	6.50	600.00
PECAN, see under Hicoria pecan on page 10			
PERSIMMON, see under Diospyros on page 9			
PLUM, American, Prunus americana	.15	1.40	.....
“ Myrabolan, P. myrabolana	.15	1.45	125.00
QUINCE, Cydonia oblonga	.50	4.00	.....
WALNUT, see under Juglans on page 10			

Roots and Seeds of Medicinal Plants

Arrangements with very reliable growers permit us to offer the following list of high grade Medicinal Roots and Seeds for propagation at very attractive prices, which are not subject to any discount. We are not growers ourselves. For roots and seeds of economic plants not here listed or for large quantities we can quote on direct inquiry.

Information regarding cultivation of Ginseng, Goldenseal and other herbs may be had by applying to United States Department of Agriculture, Washington, D. C., which issues bulletins on these subjects.

SEEDS

	100	500	1,000	10,000	Oz.	Lb.
Ginseng	.50	1.80	3.00	27.50	.....	.....
(Panax quinquefolium)						
Goldenseal	.35	1.40	2.00	18.00	.....	.....
(Hydrastis canadensis)						
Pink root	.40	1.60	2.40	.....	.....	.....
(Spigelia marilandica)						
Belladonna .....	.....	.....	.....	.....	1.00	.....
(Atropa belladonna)						
Butterfly weed .....	.....	.....	.....	.....	.40	3.50
(Asclepias tuberosa)						
Stramonium .....	.....	.....	.....	.....	.30	2.40
(Datura stramonium)						

We pay postage on domestic orders for these seeds when accompanied by cash.

ROOTS

GINSENG (Panax quinquefolium)

	10 Roots	100 Roots	500 Roots	1000 Roots
1 year old	1.00	4.00	11.50	22.00
2 years old	1.40	5.00	18.00	32.00

GOLDENSEAL (Hydrastis canadensis)

1 year old	.65	2.00	6.50	11.00
2 years old, small	.90	2.60	10.50	19.00
2 years old, strong (Woodsgrown)	1.35	3.20	12.50	23.00

SUNDRY MEDICINAL ROOTS

	10 Roots	100 Roots	1000 Roots
<i>Aconitum napellus</i> , Aconite	1.00	3.00	18.00
<i>Aletris farinosa</i> , Stargrass	1.00	3.00	18.00
<i>Angelica atropurpurea</i> , Purplestem Angelica.....	1.00	3.00	18.00
<i>Aplectrum hyemale</i> , Puttyroot, Adam and Eve	1.25	3.50	20.00
<i>Arisaema triphyllum</i> , Jack-in-the-Pulpit	1.00	3.00	18.00
<i>Aristolochia serpentaria</i> , Virginia Snakeroot.....	1.00	3.00	18.00
<i>Asclepias incarnata</i> , Swamp Milkweed.....	1.00	3.00	18.00
<i>Asclepias tuberosa</i> , Butterflyweed	1.00	3.00	18.00
<i>Chamaelyrium luteum</i> , Fairywand	1.00	3.00	18.00
<i>Cimicifuga racemosa</i> , Cohosh Bugbane	1.00	3.00	18.00
<i>Cypripedium parviflorum</i> , Small Yellow Lady- slipper	1.50	7.00	.....
<i>Dionaea muscipula</i> , Venus Flytrap	2.00	7.50	.....
<i>Dioscorea villosa</i> , Wild Yam	1.25	3.50	22.50
<i>Erythronium americanum</i> , Common Troutlily....	1.00	3.00	18.00
<i>Fragaria virginica</i> , Va. Strawberry	1.00	3.00	.....
<i>Gelsemium sempervirens</i> , Carolina-Jessamine....	1.00	3.00	18.00
<i>Gentiana andrewsi</i> , Closed Gentian	2.50	4.50	32.00
<i>Hepatica triloba</i> , Roundlobe Hepatica	1.00	3.00	18.00
<i>Hydrastis canadensis</i> , Goldenseal	.65	2.00	11.00
<i>Mitchella repens</i> , Partridgeberry	1.00	3.00	18.00
<i>Panax quinquefolium</i> , Ginseng	1.00	4.00	22.00
<i>Passiflora incarnata</i> , Maypop	1.00	3.00	18.00
<i>Phlox subulata</i> , Moss Pink	1.00	3.00	18.00
<i>Phytolacca americana</i> (decandra) Common Pokeberry	1.00	3.00	18.00
<i>Podophyllum peltatum</i> , Common Mayapple.....	1.00	3.00	18.00
<i>Polygala senega</i> , Seneca-Snakeroot	1.00	3.00	20.00
<i>Polygonatum biflorum</i> , Small Solomonseal.....	1.00	3.00	18.00
<i>Sanguinaria canadensis</i> , Bloodroot	1.00	3.00	18.00
<i>Sarracenia flava</i> , Trumpet Pitcherplant	1.80	5.50	30.00
<i>Sarracenia purpurea</i> , Common Pitcherplant	1.80	5.50	35.00
<i>Sarracenia rubra</i> , Sweet P.	2.00	6.00	.....
<i>Silene virginica</i> , Firepink	1.25	3.50	.....
<i>Smilacina stellata</i> , Starry False Solomons Seal....	1.00	3.00	18.00
<i>Spigelia marylandica</i> , Pinkroot	1.00	3.00	18.00
<i>Stillingia sylvatica</i> , Queens Delight	1.00	3.00	.....
<i>Tradescantia virginica</i> , Va. Spiderwort	1.00	3.00	18.00
<i>Trillium erectum</i> , Purple Trillium	1.00	3.00	18.00
“ <i>grandiflorum</i> , Purple T.	1.00	3.00	18.00
“ <i>sessile</i> , Toad T.	1.00	3.00	18.00
<i>Viola cucullata</i> , Blue Marsh Violet	1.00	3.00	16.00
<i>Viola pedata</i> , Birdsfoot Violet	1.00	2.60	15.00
<i>Viola pubescens</i> , Downy Yellow Violet	1.00	3.00	16.00

Prices for ten roots include delivery of domestic orders accompanied by cash. NO DISCOUNTS ON ROOTS.

Books

To meet a steadily increasing demand we are prepared now to supply the best books on horticulture at publishers' prices and shall gladly obtain for you any books omitted from this list.

Prices include delivery in U. S. A. No discounts.

- STANDARDIZED PLANT NAMES** (1923) is becoming rapidly the acknowledged standard authority for all dealings in and current literature about plants in the United States. In our own publications we adhere strictly to Standardized Plant Names.
- STANDARD EDITION** (bound in cloth for library and general use) \$6.00
- POCKET EDITION** (flexibly bound in Fabrikoid, printed on India or "Bible" paper—11 ounces, 1/2 inch thick) 7.50
- INTERLEAVED EDITION** (same as Standard Edition with blank pages between the printed pages for notations 7.50
- 546 pages. Delivered postpaid in the U. S. A. on receipt of price. For foreign countries add 30 cents for postage.*
- THE STANDARD CYCLOPEDIA OF HORTICULTURE**, edited by L. H. Bailey. Complete with color pages and nearly 5,000 engravings, these volumes give complete information on kinds, characteristics, and methods of cultivation of all plants grown in North America. Ill., 3 vols., 3637 pp. 27.00
- CULTIVATED EVERGREENS**, by L. H. Bailey. A practical aid to the nurseryman, forester, farmer, and property owner in cultivation and management of evergreens. Has keys for the easy identification of the cultivated varieties. Ill., 434 pp. 5.30
- A. MANUAL OF CULTIVATED PLANTS**, by L. H. Bailey. Makes easy the identification of the common domestic species of the fruits, grains, vegetables, greenhouse plants, garden flowers, ornamental shrubs, and trees by keys to their physical characteristics. Ill., 891 pp. 7.30
- MANUAL OF GARDENING**, by L. H. Bailey. This twelfth printing brings up-to-date the information on fruits, vegetables, and ornamental plants, their propagation and culture, protection from insects and diseases and general landscaping effects. Ill., 539 pp. 3.30
- THE NURSERY MANUAL**, by L. H. Bailey. Outlines all the details of successful nursery practice for both professional and amateur. One section describes general nursery methods, especially propagation practices; the other section has a complete list of nursery plants, with the propagation and cultivation methods required for each. Ill., 456 pp. 2.75
- THE PRUNING MANUAL**, by L. H. Bailey. Easily accessible information on the time and methods best adapted to the pruning of trees, shrubs, and vines. Ill., 400 pp. 2.75
- HOUGH, HANDBOOK OF TREES** of the Northern States and Canada. A wonderfully instructive, photo-descriptive volume. An arboretum in book form. Ill., 470 pp. 8.50

THE CULTIVATION OF CITRUS FRUITS, by H. H. Hume. In a highly specialized industry such as citrus growing, new and practical information is essential. The author is a grower of long experience and his book is recognized as the best and most recent authority on the subject. Ill., 561 pp.	5.25
McFARLAND, GETTING ACQUAINTED WITH THE TREES. Treating on a number of popular trees in a popular way. Ill., 241 pp.	2.00
FLORIDA WILD FLOWERS, by Mary Francis Baker. Ill., 256 pp.	3.25
MANUAL OF TREE AND SHRUB INSECTS, by E. P. Felt. Ill., 382 pp.	3.75
POPENOE, MANUAL OF TROPICAL AND SUB-TROPICAL PLANTS. A complete manual discussing expertly a hundred and more tropical fruits. Ill., 474 pp.	4.80
RANKIN, MANUAL OF TREE DISEASES. Includes discussions of diseases common to all kinds of trees, such as damping-off of seedlings, temperature injuries to leaves and woody parts, etc., with special attention to tree surgery and spraying. Ill., 398 pp.	3.50
MANUAL OF CULTIVATED TREES AND SHRUBS, by Alfred Rehder. "An immense storehouse of information about cultivated trees and shrubs in concentrated form. A Supreme Court for decisions about plants."—The National Nurseryman. Detailed finding keys for all hardy trees and shrubs, especially complete as to the newer introductions. Ill., 967 pp.	10.80
PECAN GROWING, by H. P. Stuckey and E. J. Kyle. Practical details of the culture, propagation, insect and disease protection, harvesting, cracking and marketing of pecans. Includes the latest methods and practices of successful growers. Ill., 233 pp.	3.25
TOUMEY, SEEDING AND PLANTING. This manual gives first-hand information for the guidance of all interested in the growing of trees from seed, by Prof. J. W. Toumey, of the Yale Forestry School. Ill., 455 pp.	4.25
WILSON, E. H. (CHINESE) ARISTOCRATS OF THE GARDEN. Indispensable to all who wish to know the best in hardy plant material. 312 pages, 26 illustrations	5.20
WILSON, E. H. (CHINESE) AMERICA'S GREATEST GARDEN. The story of Arnold Arboretum told by one who has added vastly to the wealth of its wonderful plant collections. 123 pages, 50 page illustrations	3.15
WILSON, E. H., PLANT HUNTING. Two volumes filled with adventure, glowing with the ardor of the explorer. As Keeper of the Arnold Arboretum the author is the highest authority on plants in this country. 2 vols., autographed, boxed	15.60

For deliveries of any books outside the U. S. A. add 30c postage per volume to the above delivered prices.

WE MAIL OUR BOOKLETS, "FORESTS AND WOODLANDS FOR THE SOUTH" AND "HOW TO MAKE TREE SEEDS GROW," ON REQUEST WITH ALL ORDERS.

WE ARE ALWAYS IN THE MARKET FOR SEEDS OF TREES AND SHRUBS AND WELCOME OFFERS. IF YOU ARE IN THE MARKET FOR SEEDS NOT LISTED BY US, WRITE US.

PRACTICAL SEED TESTERS

It is of importance that tree seeds and other seeds be tested before planting. Our testers are dependable and very simply operated.

Small size, 6x9 in., \$4.00 net, f. o. b. here, no charge for packing.
Large size, 9x13 in., \$5.00 net, f. o. b. here, no charge for packing.

Lining-Out Stock

We are not growers ourselves at this time of nursery stock of any kind, but we have so many calls, particularly for lining-out material, that we have arranged with some of the best nurseries in different sections of the country to supply the requirements of our patrons. We can promise the very best quality and attractive prices. As we can give here only a very abbreviated list, we request that our friends will kindly indicate their requirements so that we may submit quotations in direct correspondence.

		100	1000
Abies balsamea, Balsam Fir	1-2 in.	\$2.50	\$18.00
" concolor, White Fir	2-3 "	3.50	22.00
" nordmanniana, Nordmann Fir	2 "	4.50	27.50
" pectinata, European Silver Fir	2 "	4.50	27.50
Cedrus deodara, Deodar	4-6 "	16.00	.....
Chamaecyparis obtusa, Hinoki Cypress	1 "	2.00	14.00
Cupressus sempervirens, Italian Cypress	2-3 "	4.50	27.50
" " fastigiata, Pyramidal I. C.	2 "	2.50	18.00
" " horizontalis, Spreading I. C.	2 "	2.50	18.00
Juniperus virginiana, Redcedar	4-6 "	7.50	60.00
Picea excelsa, Norway Spruce	2-3 "	1.80	13.00
" canadensis, White S.	1-2 "	2.50	18.00
" canadensis, Black Hills Spruce	1-2 "	2.50	18.00
" pungens glauca, Colo. Blue S., 2 yr. S.	2-4 "	4.50	27.50
" sitchensis, Sitka S.	1 "	2.50	18.00
Pinus densiflora, Japanese Red Pine	3-4 "	3.50	22.00
" edulis, Nut P.	1-2 "	6.50	55.00
" montana, Swiss Mountain P.	2 "	4.50	27.50
" mughus, Mugho P.	2 "	4.50	27.50
" nigra, Austrian P.	2-4 "	2.50	18.00
" ponderosa, Western Yellow P.	2-3 "	2.50	18.00
" sylvestris, Scotch P.	2-3 "	2.50	18.00
" thunbergi, Japanese Black P.	2-3 "	2.50	18.00
Pseudotsuga douglasi, Douglas Fir	1-2 "	4.50	27.50
Taxodium distichum, Baldcypress	12-18 "	8.00	50.00
Thuja occidentalis, Am. Arborvitae	1-2 "	2.25	17.00
" orientalis, Oriental Av.	2-4 "	2.50	18.00
" " aurea, Golden O. Av.	2-4 "	3.50	20.00
" " compacta, Compact O. Av.	2-4 "	3.50	20.00
" " pyramidalis, Pyramidal O. Av.	2-4 "	2.50	18.00
" plicata, Giant Av.	1-2 "	1.40	12.00

TREES AND SHRUBS

Acer dasycarpum, Silver Maple	6-12 in.	\$3.00	\$10.00
" " " "	12-18 "	5.00	30.00
" platanoides, Norway M.	4-6 "	5.00	30.00
" " " "	12-18 "	6.00	35.00
Buxus sempervirens, Tree Box	4-6 "	8.50	60.00
" suffruticosa, Dwarf Box	4-6 "	8.50	60.00
Catalpa speciosa, Western Catalpa	6-12 "	1.50	8.50
" " " "	12-18 "	2.00	10.00
Cytisus scoparius, Scotch Broom	12-18 "	12.00	.....
Fagus americana, American Beech	6-12 "	5.00	30.00
Laurocerasus caroliniana, Cherry-Laurel	8-12 "	4.00	32.00
Quercus alba, White Oak	6-12 "	9.50	70.00
" coccinea, Scarlet Oak	6-12 "	6.00	35.00
" macrocarpa, Mossycup Oak	6-12 "	9.50	70.00
" palustris, Pink Oak	6-12 "	11.00	82.00
" rubra, Red Oak	6-12 "	6.00	35.00
Sophora japonica, Chinese Scholartree	6-12 "	9.50	70.00
Yucca filamentosa, Common Yucca	1 yr.	2.00	14.00

40 and 400 of one kind at 100 and 1000 rates.

F. O. B. nurseries. Packing free-if orders are accompanied by remittance.

Woodsgrown Trees and Shrubs

We have for many years supplied woodsgrown trees and shrubs in very considerable quantities. This material is splendid value and is suitable for growing on or for landscape effects.

		100	1000
Aronia arbutifolia, Red Chokeberry	1-3 ft.	\$5.00	\$45.00
Azalea nudiflora, Pinxterbloom	1½-1 "	5.00	45.00
" viscosa, Swamp Azalea	1½-1 "	4.50	40.00
Cercis canadensis, American Redbud	1-3 "	6.00	55.00
Clethra alnifolia, Summersweet	1-2 "	4.50	40.00
Cyrilla racemiflora, Swamp Ironwood	1-2 "	5.00	45.00
Cornus florida, Flowering Dogwood	1-3 "	4.50	40.00
Fothergilla major	1-2 "	6.00	55.00
Hamamelis virginiana, Witch-hazel	1-3 "	5.00	45.00
Ilex glabra, Inkberry	1-2 "	5.00	45.00
" opaca, American Holly	1-2 "	5.00	45.00
" verticillata, Common Winterberry	1-2 "	4.50	40.00
Leucothoe catesbaei, Drooping Laurel	1-2 "	4.00	35.00
Liquidambar styraciflua, Sweetgum	1-3 "	4.50	40.00
Magnolia glauca, Sweetbay	1-2 "	6.00	55.00
Myrica cerifera, Bayberry	1-2 "	4.00	35.00
Nyssa sylvatica, Tupelo	1-2 "	4.50	40.00
Oxydendrum arboreum, Sourwood	1-2 "	4.50	40.00
Pieris lucida (nitida), Fetterbush	1-2 "	4.50	40.00
Robinia hispida, Rose-acacia	1-2 "	4.00	35.00
Stewartia pentagyna, Mountain Ash	1-2 "	8.50	70.00
Viburnum cassinoides, Witherod	1-3 "	4.00	35.00
" nudum, Smooth Witherod	1-3 "	4.00	35.00
" prunifolium, Blackhaw	1-2 "	5.00	45.00
Vinca minor, Periwinkle, Clumps 8-12 Stems.....		3.50	30.00

F. O. B. Atlanta or collector's point, packing at cost. 40 and 400 at 100 and 1000 prices. Special quantity prices.

DISINFECT YOUR SEEDS—

CONTROL “DAMPING-OFF” With

SEMESAN

Makes Seeds Healthy

SEMESAN acts as an anti-septic that either kills or retards the development of disease-producing bacteria and fungi which subsist on seeds and plants. This one anti-septic, SEMESAN, is sufficient for all forms of “damping-off” disinfection, whether it be applications to seeds, or soils, seedlings and cuttings.

A single application of liquid SEMESAN to control “damping-off” costs about 1½c per 10 square feet of disinfected area. Seed treatment is still cheaper, costing only from ¼c per pound of seed for liquid applications to a maximum per pound for dust treatments. Write us for booklets describing SEMESAN.

Sold in tin containers—2 oz., 50c; 8 oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs. can, \$62.50.

and transportation charges.

Manufactured by

E. I. du Pont de Nemours & Co., Inc.

Dyestuffs Department

Wilmington, Del.

USPULUN

(The Bayer Co., Inc.)

vitalizes seedlings and cutting by removing fungi from seed and soil. Seed treated with Uspulun can be stored away for a length of time (but not indefinitely) without harm to the seed.

DIPDUST

is easily applied and inexpensive to use. Seeds, like humans, are susceptible to disease. One cannot always see disease, but can discern the results in poor germination, weak, spindly plants and low yields of poor quality crops. Disinfecting tree seeds, flower seeds, vegetable and field seeds with DIPDUST before planting helps to prevent destructive diseases that cost growers many millions of dollars annually.

	2 Oz.	4 Oz.	Lb.	5 Lbs.	25 Lbs.	50 Lbs.	100 Lbs.
Uspulun.....	\$0.50	.....	\$2.75	\$13.00	\$62.50	\$122.50	\$240.00
Dipdust.....	.....	.50	1.75	8.00	37.50	72.50	140.00

and transportation charges.

Descriptive booklets on request.

Since these Mercury preparations are poisonous compounds they cannot be admitted to the mails but must be sent by express or freight.