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FALL BOOKLET
OF THE
Van Dusen Nurseries
W. L. McKay, Proprietor
GENEVA, N. Y.
OF SPECIAL INTEREST FOR THE HOME GARDEN

Dwarf Apples planted 18 inches apart grown in upright cordon. Bearing in one year.

All Stock Offered in This List We Consider as Safe to Transplant in the Fall as in the Spring

WE GROW EVERY VARIETY LISTED

Catalogue with full descriptions mailed on application

We are indebted to Professor P. A. Waugh, Horticulturist at the Massachusetts Agricultural College, Amherst, for photographs from which several of our illustrations are made, as indicated in each instance.
CASH WITH ORDER, any manner of remittance most convenient to you; draft, money order or your own check on your local bank.

WE GUARANTEE against willful and intentional substitution of varieties, and will exercise the greatest care against errors in filling orders.

WE WILL SHIP BY EXPRESS unless (1) your order is sufficiently bulky to necessitate boxing, and (2) unless you expressly direct shipment by freight.

WE DELIVER ALL SHIPMENTS, properly packed, at the express or freight office in Geneva, N. Y.

HEIGHT OF TREES measured from the ground up.

OUR HOME GARDEN PROPOSITION

is just this—set Dwarf trees instead of Standards; do your fruit growing down on the ground just as this small boy has started out to do, instead of up in the air.

Professor F. A. Waugh, Horticulturist at the Massachusetts Agricultural College at Amherst, in a most entertaining and instructive book on Dwarf Fruit Trees published by the Orange Judd Company, New York, advances as reasons for the use of dwarf trees instead of standards for the home garden, their early bearing, smaller size and higher average quality of fruit.

Many varieties will bear the second year which as standards require six to ten years, and by severe trimming fruit buds can be forced on all varieties years before the same kinds would bear as standards. The smaller size of trees enables one to perform all work required by the tree or its fruit while standing right on the ground. The greatest advantage, however, is that you can have a fine assortment of all kinds of fruit on the same space that one or two big standard apple trees would require. There are few suburban residences or village lots that cannot devote at least fifty by fifty feet square to fruit, yet by the use of dwarf trees Professor Waugh shows that on a plat of this size four peach trees, fifty apple trees, seven plum trees, eighteen gooseberry, currant and raspberry bushes, and a small strawberry bed can all be successfully grown! The owner of a five year lease of a place can plant dwarf fruit and get returns from it for at least three out of the five years.

While I do not advocate the general use of dwarf apples for commercial planting, I believe they are all right when used as fillers, or for a market garden when one has only a small area of land and is near a local market that will pay a good price for strictly fancy fruit such as can be had if properly grown on dwarf trees. I have no doubt but a dwarf apple orchard will pay, but as a permanent orchard do not believe it will pay equal to the standard form; at any rate I prefer the planter to act on his own judgment rather than my opinion in the matter. But for the home garden especially my advice is emphatically for the dwarfs.

For commercial plantings of plum and peach trees, however, I have no hesitation in recommending our dwarf trees where a low headed tree is preferred to a high headed one. If allowed to grow without the very severe pruning which they would require as dwarfs, they will attain a large head similar to the standard form and be much more conveniently handled in all respects except the one point of cultivation. We are growing about two thousand peach trees of this low headed or dwarf form, and have no real difficulty in handling the matter of cultivation successfully.

<table>
<thead>
<tr>
<th>We Offer for the First Time All of the Common Tree Fruits in Dwarfs</th>
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<tbody>
<tr>
<td><strong>DWARF APPLE TREES</strong></td>
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<tr>
<td><strong>DWARF CHERRY TREES</strong></td>
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<tr>
<td><strong>DWARF PEACH TREES</strong></td>
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<td><strong>DWARF PEAR TREES</strong></td>
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<td><strong>DWARF PLUM TREES</strong></td>
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<td><strong>DWARF APRICOT TREES</strong></td>
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FALL PLANTING

In the best fruit regions of New York State, which in climate is about the same as the best fruit regions of the New England States, the leading fruit growers are coming to plant more and more in the fall. There are two strong reasons for this: we all of us have more time at our disposal for planning and actually making a fall planting than we have in the spring when every thing seems to need doing at once, and trees already planted are all ready to start at the very first call of spring, while if left till spring it is always much later before they can actually be gotten from the nurseries and in the ground. I think it is a fair estimate to say that a fall planted tree has a full half year’s start of the one planted the following spring.

What to Plant in the Fall

Our experience leads me to advise planting the following in the fall as being as safe for the trees as if planted in the spring; standard and dwarf apples, pears, plums, sour cherries; the following I regard as much better when planted in the fall than in the spring; red raspberries, currants, gooseberries, rhubarb, and asparagus.

Most of the hardy, woody shrubs and ornamental trees can be safely planted in the fall. I list in this booklet such kinds and varieties of fruits and ornamentals as I would myself be willing to plant in the fall in such a climate as we have at Geneva, and such as I can furnish this fall; in Pennsylvania, New Jersey and localities of similar climate, a fall planting of a general line of nursery stock may be safely made.

When to Plant in the Fall

We have planted successfully at all times from October first till freezing up; if planted in October, however, you will find that the tree will make a little start before winter, and we prefer to ship trees so as to plant the latter part of October. The orchard of 1550 Montmorency cherry trees from one of which the accompanying cut was made, was planted about October 23d, 1911; the following month I examined the roots of several and all that I examined had started new roots. Every tree of this orchard was living the following June and the cut is a fair representation of their average growth the first year.

How to Plant in the Fall

While full planting directions will be sent to each customer when the stock is shipped, there are some points worth emphasizing here.

If the ground is dry, soak it thoroughly when planting. Hard freezing, if the soil is dry, is liable to kill the root.

Mound up about each tree eight or ten inches, pulling the mound away in the spring. This protects the tree against unusual cold weather, and prevents mice from gnawing the bark. It is all right to put a mulch around the tree, but if so, cover very thoroughly with soil so as to prevent mice from getting in and nesting.

Put no manure or fertilizer of any kind in the hole or where it will come in contact with the roots.

Do not trim fall planted trees till spring.
THIS TELLS ITS OWN STORY
Courtesy of Prof. Waugh

DWARF APPLES ON PARADISE STOCK

We have for this fall and next spring a limited number of Dwarf Apple Trees grown on the Paradise Apple stock, which produces the more pronounced dwarf type of tree. These are only one year old, but at this age are perhaps more easily trained to the exact form desired than an older tree.

Price, 75c each, $7.50 per doz.

EARLY VARIETIES

<table>
<thead>
<tr>
<th>Excelsior</th>
<th>Red Astrachan</th>
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<td>Yellow Transparent</td>
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FALL VARIETIES

<table>
<thead>
<tr>
<th>Bismarck</th>
<th>Scarlet Beauty</th>
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<tbody>
<tr>
<td>Constantine</td>
<td>Stearns</td>
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<tr>
<td>Gravenstein</td>
<td>Twenty Ounce</td>
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<tr>
<td>McIntosh</td>
<td>Wealthy</td>
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WINTER VARIETIES

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<tr>
<th>Jonathan</th>
<th>Spitzenburg</th>
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<tr>
<td>Ladies Sweet</td>
<td>Stayman</td>
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<tr>
<td></td>
<td>Winter Banana</td>
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The cuts here and on the cover represent the Dwarf Apple trees grown in the upright cordon form. They are planted 18 to 24 inches apart; a single stalk is allowed to grow upright, and during the season is kept closely pruned. When its branches have grown 5 buds, cut it back to 3, and afterwards as they grow three buds back to one. If necessary stake, or fasten to wire trellis, fence or building. This is probably the best form to grow the dwarf apple to its highest perfection, although it may be trained in several other forms which cannot be considered here owing to lack of space.
Dwarf Apricot Trees
Montgamet, 40c each, $4.00 per doz.

Dwarf Pear Trees
30c each, $3.00 per doz., $20.00 per 100 except as noted
Bartlett
Beurre d'Anjou
Clapp
Duchess
DWARF BEURRE BOSC, 50c each

Dwarf Plum Trees
50c each, $5.00 per doz., $35.00 per 100

EUROPEAN VARIETIES
Bradshaw
Fellenburg
German Prune
Lombard
Reine Claude
Shropshire Damson
Yellow Egg

BEURRE BOSC PEAR

Dwarf Cherry Trees
50c each, $5.00 per doz., $35.00 per 100

SOUR VARIETIES
Abesse
Early Richmond
English Morello
Ostheim
Marguerite
May Duke
Montmorency

SWEET VARIETIES
Recommended for fall for Pennsylvania and South
Black Tartarian
Governor Wood
Napoleon
Rockport
Windsor
Yellow Spanish

JAPAN VARIETIES
Abundance
Burbank
October Purple
Red June
Satsuma
Wickson

Dwarf Peach Trees
Recommended only for fall planting in Pennsylvania and south
30c each, $3.00 per doz., $20.00 per 100
Alexander
Abundance
Belle of Georgia
Carman
Chair's Choice
Champion
Crawford's Early
Crawford's Late
Crosby
Elberta
Fitzgerald
Greensboro
Hill's Chili
Lamont
McKay's Late
Mt. Rose
Salway
Stevens
Stump
Waddell
Willett

DWARF CHERRY TREE
Only One Year Planted. Had 150 Blossoms When Photographed
STANDARD FRUIT TREES

All the following Standard Fruit Trees are for extra size, strictly number one trees in every respect, apple, pear, plum and cherry trees being about five to six feet in height.

The size of trees in all kinds of fruit varies somewhat according to varieties, some, like the Seckel pear, growing shorter than other kinds, others, tending to a taller and more slender style, so that a little latitude in size is necessary.

Standard Apple Trees
30c each, $3.25 per doz., $22.50 per 100

Special prices quoted on large orders of Apple Trees of smaller size, also for one-year trees.

EARLY VARIETIES

Early Harvest
Early Strawberry
Golden Sweet

EARLY HARVEST

FALL AND WINTER VARIETIES

Autumn Strawberry
Bismarck
Constantine
Duchess
Fall Pippin
Fameuse
Gravenstein
King

FALL

WINTER VARIETIES

Baldwin
Black Ben Davis
French Pippin
Golden Russet
Gano
Grimes Golden
Hendrick Sweet
Jonathan
Ladies Sweet
Longfield
Munson Sweet
Northern Spy
N. W. Greening
Ontario

WINTER

Yellow Newton

Red Astrachan
Sweet Bough
Yellow Transparent

Standard Pear Trees
35c each, $3.50 per doz.

EARLY VARIETIES

Anjou
Bartlett
Clapp
Duchess
Flemish
Keiffer

EARLY HARVEST

FALL AND WINTER VARIETIES

Bosc, $1.00 each, $10.00 per doz.

COMICE, 75c each, $7.50 per doz.

Bosc and Comice will be filled with 2 year trees while they last, after that we reserve the right to fill with one year size.

Standard Plum Trees
35c each, $3.50 per doz.

EUROPEAN VARIETIES

Bradshaw
Fellenberg
German Prune
Lombard
PALATINE 50c

JAPAN VARIETIES

Abundance
Burbank
Red June

For 100 or more trees of a kind, write for prices stating just the varieties and number of each desired.

Crabs

Same Price as Apples

Excelsior
Hyslop

Martha
Transcendent

Lawrence
Seckel
Sheldon
Vt. Beauty
Worden-Seckel

Shropshire Damson
Yellow Egg
Reine Claude

Oct. Purple
Satsuma
Wickson
Standard Cherry Trees
35c each, $3.50 per doz.

SWEETS
Black Tartarian
Gov. Wood
Napoleon
Rockport
Windsor (Black)
Yellow Spanish

SOURS
ABESSE
Early Richmond
English Morello
Marguerite
May Duke
Montmorency

(The Abesse and Marguerite will be sold for fall only, at above price.)

McKay's Mammoth Rhubarb

McKay's Mammoth—A very strong growing, tender, delicious variety which with us, under forced conditions has made a growth of four inches a day. Try it; Knock out both heads from any old barrel, place it over a plant, and watch it grow!
25c each; $2.50 per dozen

Standard Peach Trees
Extra size, 4-6 ft., 20c each; $2.00 per doz.; $12.00 per 100
Regular size, 3-4 ft., not less than 12, $1.50 per doz., $9.00 per 100
Medium size, not less than 50, $6.00 per 100

All the leading varieties including all those listed as Dwarfs and many others.

Our peaches are all from stock grown from buds taken from tested, bearing trees during the past four years so we know they are true to name. While we do not advise planting peaches in the fall north of Pennsylvania, we will receive orders for peach trees now for spring delivery and hold them for shipment at desired date.

Gooseberries
American Varieties, 15c each; $1.50 per doz.
Downing
Houghton
Pearl
Smith's Improved

INDUSTRY, English variety
20c each; $2.00 per doz.

McKay's Giant Asparagus

Asparagus
$1.00 per 100; $6.00 per 1000

CONOVER'S COLLOSAL PALMETTO

McKay's Giant—A new variety originating in New Jersey, which has proven its value as a great cropper. It is a green variety similar in appearance to Palmetto.
50c per 25; $1.25 per 100; $10.00 per 1000
Red and Yellow Raspberry Plants

FAR BEETER PLANTED IN FALL THAN SPRING

Cuthbert, 40c per dozen
Golden Queen, yellow, $1.00 per dozen
Herbert, $1.50 per dozen

SPECIAL FALL PRICE FOR NOT
Cuthbert - - - $1.25 per 100
Herbert - - - 5.00 per 100

Raspberry Plants

Golden Queen, yellow, $1.00 per dozen
Herbert, $1.50 per dozen

SPECIAL FALL PRICE FOR NOT
Ruby, 75c per dozen
Marlboro, 50c per dozen

LESS THAN 100 OF A VARIETY
Marlboro - - - $1.50 per 100
Ruby - - - 2.50 per 100

Currant Bushes
Far better planted in Fall than Spring
2 year plants, $1.00 per dozen
except as noted
Cherry Wilder
Fay's Prolific White Imperial
PERFECTION
25c each; $2.00 per dozen
Special Fall Price for not less than 100 plants
of Cherry
FAY and WILDER only, $5.00 per 100

White Imperial Currant

Every tree planted in the Fall, saves time in the Spring that is three times as valuable

ORNAMENTAL DEPARTMENT

Barberry, purple leaved, 25c
Barberry Thunbergii, 25c
Cornus Elegantissima, 50c
Cornus Siberica, 25c
Currant, White Flowering, 25c
Currant, Red Flowering, 25c
Deutzia Crenata, 25c
Deutzia Gracilis, 25c
Deutzia Lemoine, 25c
Deutzia Pride of Rochester, 25c
Forsythia Viridissima 25c
Fringe Purple, 35c
Honeysuckle, Red Tartarian, 25c
Honeysuckle, White Tartarian, 25c
Hydrangea, Hardy, bush form, 25c
Hydrangea, Hardy, tree form, 50c
Lilacs—purple and white, 30c.
Prunus Pissardii, 25c
Quince, Japan, 25c
Snowball, Common, 25c
Snowball, Japan, 50c
Spiraea Anthony Waterer, 20c
Spiraea Aurea, 35c
Spiraea Bumalda, 25c
Spiraea Callosa Alba, 25c
Spiraea Callosa Rosea, 25c
Spiraea Van Houtte, 20c
Syringa, common, 25c
Syringa Golden, 35c
Wegelia Candida, White, 35c
Wegelia Rosea, pink, 35c
Wegelia Variegated leaved, 25c

CLIMBING VINES

Trumpet Vines, 25c
Wistaria, Chinese, Purple, 50c
Wistaria, Chinese, White, 50c

SHADE TREES

Crab, Bechtel's Flowering, 50c
Maple, Norway, $1.00
Maple, Silver leaved, 75c
Catalpa Speciosa, 50c
Poplar, Carolina, 25c

SPECIAL—10 Carolina Poplar $1.50

PRESS OF W. T. HUMPHREY, GENEVA, N. Y.