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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



By courtesy of Prof. Waugh

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 F. 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 wilful 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.



DWARF APPLE, BUT STANDARD BOY

Cut by courtesy of Prof. Waugh

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 plot of this size four peach trees, fifty apple trees, nine pear 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.

We Offer for the First Time All of the Common Tree Fruits in Dwarfs

DWARF APPLE TREES
DWARF CHERRY TREES
DWARF PEACH TREES

DWARF PEAR TREES
DWARF PLUM TREES
DWARF APRICOT TREES

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.



Fall planted Montmorency after first season's growth. When planted it was a one-year whip, similar to the one Mr. McKay is holding. Note the wonderful growth for one Season.

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

Excelsior Red Astrachan
 Yellow Transparent

FALL VARIETIES

Bismarck Scarlet Beauty
 Constantine Stearns
 Gravenstein Twenty Ounce
 McIntosh Wealthy

WINTER VARIETIES

Jonathan Spitzburg
 Ladies Sweet Stayman
 Winter Banana

Dwarf Apple Trees

40 cents each; \$4.50 per doz;
 \$30.00 per 100

Strong 2 Year Trees

EARLY VARIETIES

Early Harvest Excelsior
 Golden Sweet Red Astrachan
 Yellow Transparent

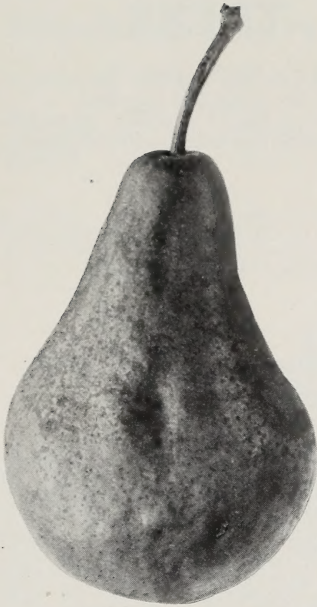
FALL AND EARLY WINTER VARIETIES

Bismarck
 Constantine
 Duchess
 Fall Pippin
 Fameuse
 Gravenstein
 King
 McIntosh
 Pound Sweet
 Scarlet Beauty
 Stearns
 Twenty Ounce
 Wealthy
 Wolf River

WINTER VARIETIES

Bailey Sweet
 Baldwin
 Ben Davis
 Black Ben Davis
 Golden Russet
 Grimes Golden
 Hendrick Sweet
 Hubbardston
 Jonathan
 Lady Sweet
 Northern Spy
 Pewaukee
 R. I. Greening
 Rome Beauty
 Rox. Russet
 Seek-no-further
 Spitzburg
 Stark
 Stayman
 Sutton
 Talman Sweet
 Wagener
 Winter Banana
 Yellow Bellflower

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.



BEURRE BOSCH PEAR

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	Flemish
Beurre d'Anjou	Kieffer
Clapp	Lawrence
Duchess	Seckel

DWARF BEURRE BOSCH, 50c each

Dwarf Plum Trees

50c each, \$5.00 per doz., \$35.00 per 100

EUROPEAN VARIETIES

Bradshaw	Lombard
Fellenburg	Reine Claude
German Prune	Shropshire Damson
	Yellow Egg

Dwarf Cherry Trees

50c each, \$5.00 per doz., \$35.00 per 100

SOUR VARIETIES

Abesse	Marguerite
Early Richmond	May Duke
English Morello	Montmorency
	Ostheim

SWEET VARIETIES

Recommended for fall for Pennsylvania and South

Black Tartarian	Rockport
Governor Wood	Windsor
Napoleon	Yellow Spanish

Dwarf Peach Trees

Recommended only for fall planting in Pennsylvania and south

30c each, \$3.00 per doz., \$20.00 per 100

Alexander	Fitzgerald
Abundance	Greensboro
Belle of Georgia	Hill's Chili
Carman	Lamont
Chair's Choice	McKay's Late
Champion	Mt. Rose
Crawford's Early	Salway
Crawford's Late	Stevens
Crosby	Stump
Elberta	Waddell
	Willett

JAPAN VARIETIES

Abundance	Red June
Burbank	Satsuma
October Purple	Wickson



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	Red Astrachan
Early Strawberry	Sweet Bough
Golden Sweet	Yellow Transparent

FALL AND WINTER VARIETIES

Autumn Strawberry	McIntosh
Bismarck	Maiden Blush
Constantine	Pound Sweet
Duchess	Scarlet Beauty
Fall Pippin	Stearns
Fameuse	Twenty Ounce
Gravenstein	Wealthy
King	Wolf River

WINTER VARIETIES

Bailey Sweet	Opalescent
Baldwin	Pewaukee
Ben Davis	Rambo
Black Ben Davis	Red Canada
French Pippin	R. I. Greening
Golden Russet	Rome Beauty
Gano	Rox. Russet
Grimes Golden	Seek-no-further
Hendrick Sweet	Senator
Hubbardston	Spitznburg
Jonathan	Stark
Ladies Sweet	Stayman
Longfield	Sutton
Munson Sweet	Talman Sweet
Northern Spy	Wagener
N. W. Greening	Winter Banana
Ontario	Yellow Bellflower
	Yellow Newton

Crabs

Same Price as Apples

Excelsior	Martha
Hyslop	Transcendent

Standard Pear Trees

35c each, \$3.50 per doz.

Anjou	Lawrence
Bartlett	Seckel
Clapp	Sheldon
Duchess	Vt. Beauty
Flemish	Worden-Seckel
Keiffer	

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	Monarch
Fellenberg	Reine Claude
German Prune	Shropshire Damson
Lombard	Yellow Egg
PALATINE 50c	PEARL 75c

JAPAN VARIETIES

Abundance	Oct. Purple
Burbank	Satsuma
Red June	Wickson



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

Standard Cherry Trees

35c each, \$3.50 per doz.

Black Tartarian
Gov. Wood
Napoleon

SWEETS

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.)



"THE MARGUERITE" CHERRY

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.

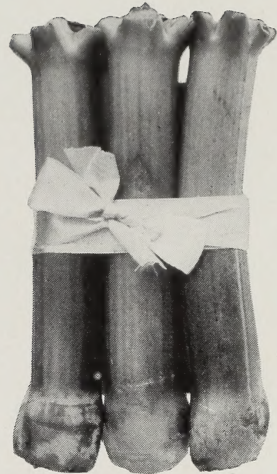
Gooseberries

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 MAMMOTH RHUBARB

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



McKAY'S GIANT ASPARAGUS

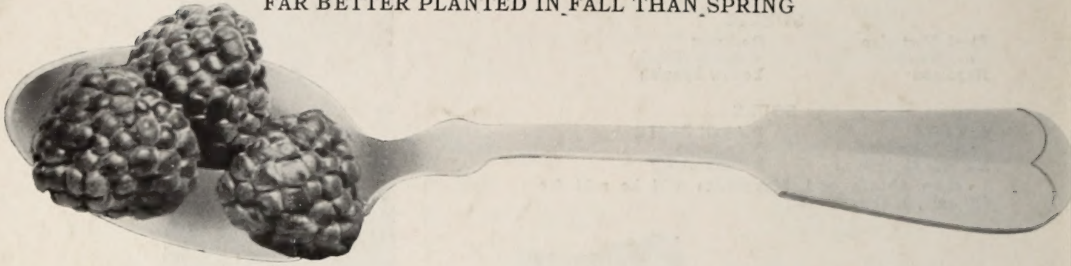
Asparagus

\$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 BETTER PLANTED IN FALL THAN SPRING



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

Ruby, 75c per dozen
 Marlboro, 50c per dozen

SPECIAL FALL PRICE FOR NOT LESS THAN 100 OF A VARIETY

Cuthbert	- - - -	\$1.25 per 100	Marlboro	- - - -	\$1.50 per 100
Herbert	- - - -	5.00 per 100	Ruby	- - - -	2.50 per 100

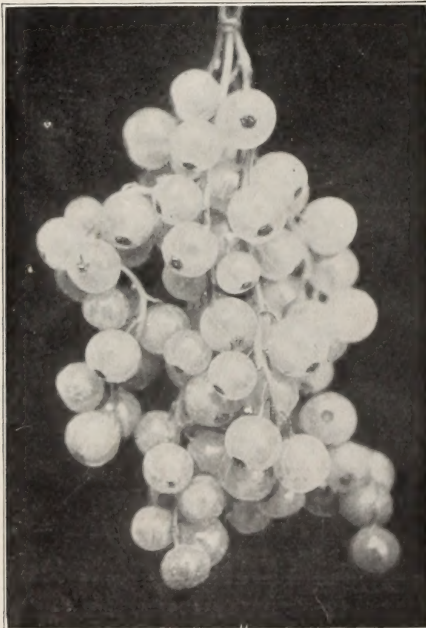
Currant Bushes

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

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
 Spirea Anthony Waterer, 20c
 Spirea Aurea, 35c
 Spirea Bumalda, 25c
 Spirea Callosa Alba, 25c
 Spirea Callosa Rosea, 25c
 Spirea 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

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