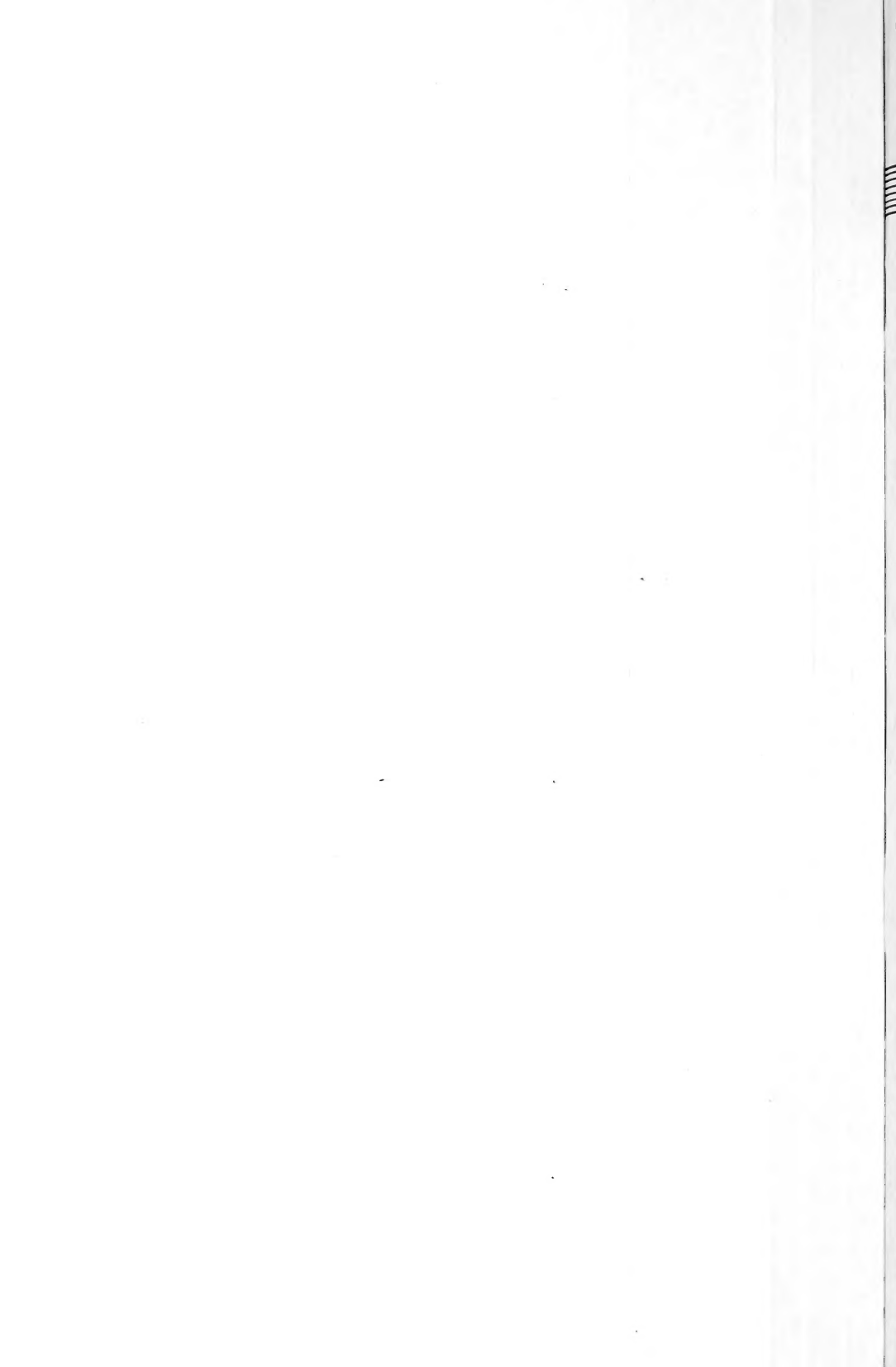


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Lake's

SHENANDOAH NURSERIES

Shenandoah, Iowa

**BULLETIN
NO. 2**



March 28, 1949

WITH GRADE COUNTS

ORDER TODAY

LONG DISTANCE PHONES

406 - 407

**A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 75 YEARS**

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, **PERENNIALS** (including **PEONIES** and **LILIES**).

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE**. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres.
R. S. MULLISON, Vice-Pres.

A. D. HUNT, Treas.
F. E. TUNNICLIFF, Sec'y.



The buildings shown above were constructed between 1885 and 1900. New buildings being added as the need became apparent. The building in the extreme background is still used today as a supplemental storage.

IN THE FALL OF 1869

D. S. Lake established the Shenandoah Nurseries on a limited capital of four hundred dollars. On ten acres of rented land the nursery business in Shenandoah was born. By 1900 the business had grown to a point where The Shenandoah Nurseries was the leading wholesale nursery in the United States. From this humble beginning the nursery industry in Shenandoah has grown until Shenandoah is now recognized as the largest nursery center in the United States.

Upon Mr. D. S. Lake's death in 1922 the management of the nursery was taken over by his sons, A. F. Lake and R. S. Lake. The business was ably and successfully conducted by them until R. S. Lake's death in 1941 and A. F. Lake's death in 1944.

At that time David S. Lake, the son of A. F. Lake, succeeded to the position of President of the Shenandoah Nurseries.

This business, now in the hands of the third generation, is continuing to follow the same policies established and followed in the 79 years of its existence.



Shown in the above photograph are Dr. A. P. French (left) and his two assistants of the MASSACHUSETTS TRUENESS TO NAME INSPECTION SERVICE, Amherst, Mass., who were engaged by us to inspect our fruit trees.

This picture shows a portion of a block of our apple trees offered for sale on page 5 of this price list.

Shown below is a copy of their certificate of inspection.

MASSACHUSETTS TRUENESS-TO-NAME INSPECTION SERVICE

Sponsored by The Massachusetts Fruit Growers' Association

Statement of Inspection for Trueness-to-name

Amherst, Mass.
August 29, 1947

To Whom It May Concern:

All two year apple grafts, one and two year apple buds and two year pear buds propagated by and being grown near Shenandoah, Iowa in the nurseries of Lake's Shenandoah Nurseries have been examined by the Massachusetts Trueness-to-name Inspection Service. To the best of our knowledge, these trees are true to name as they now stand in the nursery row.

(signed) J. K. SHAW

APPLE—One Year, Mostly Whips

	Per 10	Per 100	Per 1000
5 to 6 ft.	\$4 00	\$35 00	\$320 00
4 to 5 ft.	3 20	28 00	250 00
3 to 4 ft.	2 50	22 00	200 00
2 to 3 ft.	2 10	18 00	150 00
	5/6'	4/5'	3/4' 2/3'
Anoka	---	140	125
Delicious Dark Red	300	---	125
Delicious Yellow	420	---	150
Duchess	---	40	100
Grimes Golden	---	120	90
Jonathan Dark Red	---	40	40
Red June	---	40	180
Wealthy	---	---	300
Whitney	200	---	---
Victory	---	50	200

CHERRY—Sour, Two Year
(On Mahaleb)**WRITE FOR SPECIAL PRICES ON QUANTITY LOTS**

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	\$11 00	\$100 00	\$900 00
3½ " " " 9/16 to 11/16 in.	9 00	85 00	800 00
3 " " " 7/16 to 9/16 in.	7 50	70 00	650 00
2 " " " 5/16 to 7/16 in.	5 50	50 00	450 00
5 " " " 1 in. and up (Extra Heavy)	12 00	110 00	1000 00
	1" & up	11/16"	9/16-11/16" 7/16-9/16" 5/16-7/16"
Early Richmond	1150	1750	660 200 100
English Morello	80	200	750 1000 350
Montmorency	5500	7000	1300 500 270
Wragg	340	800	340 150

CHERRY—Sour, One Year
(On Mahaleb)**WRITE FOR SPECIAL PRICES ON QUANTITY LOTS**

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up	\$11 00	\$100 00	\$900 00
3 " " " 9/16 to 11/16 in.	9 00	85 00	800 00
2½ " " " 7/16 to 9/16 in.	7 50	70 00	650 00
2 " " " 5/16 to 7/16 in.	5 50	50 00	450 00
	11/16-1"	9/16-11/16"	7/16-9/16" 5/16-7/16"
Early Richmond	2450	1450	120
English Morello	230	650	960 340
Montmorency	5500	1000	---
Wragg	40	200	320 120

CHERRY—Sweet, One Year
(On Mahaleb)**WRITE FOR SPECIAL PRICES ON QUANTITY LOTS**

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, branched & whips	\$12 00	\$110 00	\$1000 00
4 " " " 9/16 to 11/16 in. " "	10 00	90 00	850 00
3 " " " 7/16 to 9/16 in. " "	8 00	75 00	700 00
2 " " " 5/16 to 7/16 in., mostly whips	6 00	55 00	500 00
	11/16-1"	9/16-11/16"	7/16-9/16" 5/16-7/16"
Bing	450	640	950 720
Black Republican	750	1300	1000
Black Tartarian	1100	920	550 70
Lambert	500	1050	850 700
Napoleon	800	300	---
Schmidt	200	50	30 20
Windsor	450	300	40 100
Yellow Glass	840	1050	560 150
Yellow Spanish	1400	300	---

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

			Per 10	Per 100	Per 1000
700	2 to 3 ft.	transplants	\$2 90	\$25 00	\$-----

PEAR STANDARD

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

			Per 10	Per 100	Per 1000
Two year,	4½ ft. and up,	11/16 to 1 in.	\$8 50	\$80 00	\$750 00
" "	4 " " "	9/16 to 11/16 in.	7 00	65 00	600 00
" "	3 " " "	7/16 to 9/16 in.	5 50	50 00	-----
" "	2 " " "	5/16 to 7/16 in.	4 50	40 00	-----
" "	5 " " "	1 in. and up	10 00	90 00	-----

		1" & up	11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Anjou	-----	-----	200	250	280	60
Bantam	-----	-----	630	290	170	80
Bartlett	-----	50	4700	750	-----	150
Clapp's Favorite	-----	-----	80	400	340	80
Douglas	-----	-----	2300	1750	70	40
Duchess	-----	-----	670	140	-----	-----
Flemish Beauty	-----	-----	1380	865	340	80
Gorham	-----	-----	-----	290	160	-----
Kieffer	-----	325	1500	400	-----	-----
Lincoln	-----	-----	2700	800	170	-----
Mendel	-----	-----	-----	280	-----	-----
Parker	-----	-----	2100	1700	500	-----
Patten	-----	-----	600	40	90	60
Seckel	-----	-----	-----	450	-----	-----

PEAR WHIPS

			Per 10	Per 100	
One year,	5 to 6 ft., whips	-----	\$ 6 50	\$ 60 00	
" "	4 to 5 ft., "	-----	5 50	50 00	
" "	3 to 4 ft., "	-----	4 50	40 00	
" "	2 to 3 ft., "	-----	2 90	25 00	
		5/6'	4/5'	3/4'	2/3'
Bartlett	-----	100	300	60	100
Douglas	-----	-----	200	-----	100
Lincoln	-----	-----	235	160	100

DWARF PEAR—Two Year

			Per 10	Per 100	Per 1000
3 ft. and up,	5/8 in. and up	-----	\$10 00	\$90 00	\$-----
2 to 3 ft.,	1/2 to 5/8 in.	-----	7 00	65 00	-----
18 to 24 in.,	3/8 to 1/2 in.	-----	5 00	45 00	-----
		5/8 in. up	1/2 to 5/8 in.	3/8 to 1/2 in.	
Bartlett	-----	-----	360	850	
Duchess	-----	250	300	120	
Kieffer	-----	650	390	100	
Seckel	-----	-----	170	370	

PEACH—One Year

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....		\$5 50	\$50 00	\$-----
4 " " " 9/16 to 11/16 in.....		4 50	40 00	350 00
3 " " " 7/16 to 9/16 in.....		3 20	28 00	250 00
2 " " " 5/16 to 7/16 in.....		2 10	18 00	150 00
	11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"			
Belle of Georgia		100	-----	-----
Champion		1000	750	450
Elberta		120	650	-----
Elberta Early	40	450	570	-----
Early Rose		300	320	250
Golden Jubilee	80	60	270	70
Halberta	40	355	430	-----
Hale Haven		200	1000	90
Heath Cling		400	480	800
J. H. Hale		200	50	450
Mayflower		200	300	-----
Polly		750	900	-----
Red Haven	60	100	-----	-----
Rochester		170	200	-----
South Haven		-----	140	30
Valiant	20	450	500	180

APRICOT—One Year

(On Peach Roots)

		Per 10	Per 100	Per 1000
2½ ft. and up, 7/16 to 9/16 in.....		\$5 50	\$50 00	\$450 00
2 " " " 5/16 to 7/16 in.....		4 00	35 00	300 00
	7/16-9/16" 5/16-7/16"			
Chinese Golden		-----	150	120
Superb		-----	300	50
Wenatchee Moorpark		-----	200	400

NECTARINES

		Per 10	Per 100
One Year, 4½ ft. and up, 11/16 to 1 in.....		\$ 8 50	\$ 80 00
" " " 4 " " " 9/16 to 11/16 in.....		7 00	65 00
	11/16-1" 9/16-11/16"		
Hunter		70	-----
Surecrop		140	50

PLUM—One and Two Year
EUROPEAN and JAPANESE
 (On Myrobolan)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up.....		\$ 8 50	\$80 00	\$750 00
4 " " " 9/16 to 11/16 in.....		7 00	65 00	600 00
3 " " " 7/16 to 9/16 in.....		5 50	50 00	450 00
2 " " " 5/16 to 7/16 in.....		4 00	35 00	300 00
	11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"			
Burbank	900	800	-----	-----
Fellenburg	600	700	400	-----
German Prune	400	380	140	90
Green Gage	-----	140	40	-----
Italian Prune	250	200	230	-----
Lombard	740	680	330	-----
Shropshire Damson	1200	1000	-----	-----
Stanley Prune	400	800	-----	170
Yellow Egg	400	200	80	50

**PLUM—One Year
AMERICAN and HARDY HYBRIDS**
(On Peach Roots)

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....	\$ 8 50	\$80 00	\$750 00
4 " " " 9/16 to 11/16 in.....	7 00	65 00	600 00
3 " " " 7/16 to 9/16 in.....	5 50	50 00	450 00
2 " " " 5/16 to 7/16 in.....	4 00	35 00	300 00
	11/16" & up 9/16-11/16" 7/16-9/16" 5/16-7/16"		
Ember	350	360	90
Golden Rod	400	280	190
Hanska		150	1000
Kaga		290	350
Kahinta	100	1100	750
Oka		100	480
Omaha		250	500
Opata		140	200
Sapa		140	650
Superior	170	1000	700
Toka	200	780	2000
Underwood			280
Waneta		790	350

**PLUM—One Year
AMERICAN and HARDY HYBRIDS**
(On Native Roots)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 to 1 in.....	\$ 8 50	\$80 00	\$750 00
4 " " " 9/16 to 11/16 in.....	7 00	65 00	600 00
3 " " " 7/16 to 9/16 in.....	5 50	50 00	450 00
2 " " " 5/16 to 7/16 in.....	4 00	35 00	300 00
	11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"		
Compass	30	300	500
Ember	500	200	80
Hanska		300	470
Kaga	40	40	60
Kahinta	280	190	190
Oka	100	140	60
Superior	50		
Waneta		80	30

CURRENTS

	Tied, No. 1, 25; No. 2, 50 per Bundle.	Per 100	Per 1000
1000 Cherry, dark red, 2 Yr. No. 1.....		\$ 14 00	\$125 00
500 " " " 2 Yr. No. 2.....		10 00	85 00
800 Fay's Prolific, dark red, 2 Yr. No. 1.....		14 00	125 00
450 " " " 2 Yr. No. 2.....		10 00	85 00
Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.			
2000 2 Year, No. 1.....		18 00	160 00
1100 2 Year, No. 2.....		14 00	120 00

RASPBERRIES

Tied 25 per Bundle.

	Per 100	Per 1000
Chief, a Latham seedling, finest early red; heavy producer.		
3000 No. 1 Suckers	\$ 5 60	\$ 50 00
Cumberland, most widely planted black-cap Raspberry.		
10000 Tips	5 00	45 00
1000 Transplants	8 50	75 00
Latham, a large, productive red variety, always in demand.		
5000 No. 1	5 60	50 00
Sodus, a new very large drought-resistant purple Raspberry; possibly most productive of all Raspberries.		

SOLD OUT

GRAPE VINES

		Per 100	Per 1000
Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle			
500	Agawam, red, 2 Yr. No. 1	\$ 14 00	\$125 00
250	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
500	Beta, black, 2 Yr. No. 1	14 00	125 00
500	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.			
250	2 Yr. No. 1	18 00	-----
300	2 Yr. No. 2 or 1 Yr. No. 1	14 00	-----
5000	Concord, black, 2 Yr. No. 1	12 00	100 00
2000	" " 2 Yr. No. 2 or 1 Yr. No. 1	8 00	75 00
1000	Delaware, red, 2 Yr. No. 1	18 00	150 00
1250	" " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	120 00
Fredonia, earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.			
1500	2 Yr. No. 1	14 00	125 00
1000	2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
1250	Moore's Early, black, 2 Yr. No. 1	16 00	140 00
750	" " 2 Yr. No. 2 or 1 Yr. No. 1	13 00	110 00
2500	Niagara, white, 2 Yr. No. 1	14 00	125 00
1500	" " 2 Yr. No. 2 or 1 Yr. No. 1	12 00	100 00
1000	Portland, 2 Yr. No. 1	20 00	180 00
750	" " 2 Yr. No. 2 or 1 Yr. No. 1	16 00	140 00
Sheridan, black. Ripens one week later than Concord; better flavor; an excellent keeper.			
1000	2 Yr. No. 1	22 00	-----
500	2 Yr. No. 2 or 1 Yr. No. 1	16 00	-----

BLACKBERRIES

Tied 25 per Bundle

		Per 100	Per 1000
3500	Alfred, No. 1	\$ 5 00	\$ 45 00
4000	" No. 2	4 00	35 00
2000	Ancient Britton, No. 1	5 00	45 00
1700	" " No. 2	4 00	35 00
300	Blowers, No. 1	5 00	45 00
100	" No. 2	4 00	35 00
8000	Early Harvest, No. 1	5 00	45 00
10000	" " No. 2	4 00	35 00
1000	Eldorado, No. 1	5 00	45 00
700	" No. 2	4 00	35 00
1000	Snyder, No. 1	5 00	45 00
100	" No. 2	4 00	35 00

MISCELLANEOUS

		Per 100	Per 1000
10000	Asparagus, Conover's Washington Palmetto, 2 Yr. No. 1	\$ 1 90	\$ 16 00
15000	" " " " 1 Yr. No. 1	1 20	10 00
3000	" " " " 3 Yr. No. 1	2 90	25 00
Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.			
15000	2 Yr. No. 1	1 90	16 00
10000	1 Yr. No. 1	1 20	10 00
4000	3 Yr. No. 1	2 90	25 00
5000	Boysenberry, Tip plants	5 50	50 00
4000	Boysenberry, Thornless, Tip plants	6 50	60 00
6000	Dewberry, Lucretia, R. C. Plants, No. 1	4 50	40 00
6000	" " " " " 2	3 75	32 00
1000	Horse Radish, Crowns	6 00	50 00
3000	" " Cuttings	2 90	25 00

MISCELLANEOUS—(Continued)

		Per 100	Per 1000
4000	Rhubarb, Victoria, Whole Roots, 2 Yr. 1½ in. and up.....	\$ 7 50	\$ 65 00
4500	" " " " " 1 to 1½ in.....	5 00	45 00
5000	" " " " " 1 Yr. 5/8 to 1 in.....	4 00	35 00
7500	" " " " " ½ to ¾ in.....	2 90	25 00
6000	" " " " " ¾ to 1 in.....	2 50	20 00
		Per 10	Per 100
1500	Rhubarb, Chipman Red, sweet and of excellent flavor; stems dark red throughout.	\$ 4 50	\$ 40 00
500	Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	3 30	28 00
300	Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	3 30	28 00

FRUIT TREE SEEDLINGS — American Grown

Our fruit tree seedlings are grown in Washington and Oregon where weather conditions are ideal. They are dug only when well ripened, and carefully graded by experienced graders. We are sure you will be pleased with them.

—Please write for special prices on quantity lots.—

		Per 100	Per 1000
APPLE SEEDLINGS, Western grown			
10000	No. 1, 3/16 to 1/4 in., branched.....	\$ 2 90	\$ 25 00
20000	No. 2, 2/16 to 3/16 in., branched.....	2 10	18 00
CHERRY MAHALEB, Western grown			
50000	1/4 in. and up.....	3 20	28 00
12000	No. 1, 3/16 to 1/4 in.....	3 00	26 00
90000	No. 2, 2/16 to 3/16 in.....	2 40	20 00
40000	No. 3, about 2/16 in.....	1 80	15 00
CHERRY MAZZARD, Western grown			
7500	No. 3, about 2/16 in.....	1 80	15 00
PEAR BARTLETT, Western grown			
7400	No. 1, 3/16 to 1/4 in., branched.....	3 20	28 00
40000	No. 2, 2/16 to 3/16 in., branched.....	2 40	20 00
15000	No. 2, 2/16 to 3/16 in., straight.....	2 10	18 00
PLUM MYROBOLAN, Western grown			
17500	1/4 in. and up.....	3 20	28 00
10000	No. 1, 3/16 to 1/4 in.....	3 00	26 00
45000	No. 2, 2/16 to 3/16 in.....	2 40	20 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

		Per 100	Per 1000
ASH, GREEN (<i>Fraxinus pennsylvanica lanceolata</i>)			
1400	12 to 18 in.....	\$ 1 80	\$ 15 00
1000	18 to 24 in.....	2 50	22 00
8000	2 to 3 ft.....	3 20	28 00
2500	4 to 5 ft.....	6 50	60 00
500	5 to 6 ft.....	9 00	80 00
BOXELDER, (<i>Acer negundo</i>)			
5500	6 to 12 in.....	1 20	10 00
300	12 to 18 in.....	1 80	15 00
CARAGANA arborescens (Siberian Pea tree)			
8400	6 to 12 in.....	2 10	18 00
2700	12 to 18 in.....	3 20	28 00
8000	18 to 24 in.....	5 00	40 00
5800	2 to 3 ft.....	6 00	55 00
2400	3 to 4 ft.....	8 50	75 00

FOREST TREE SEEDLINGS—(Continued)

	Per 100	Per 1000
CATALPA, Western		
8400 6 to 12 in.	\$ 90	\$ 8 00
23400 12 to 18 in.	1 40	12 00
23000 18 to 24 in.	1 90	16 00
8900 2 to 3 ft.	2 60	22 00
ELM, American (<i>Ulmus americana</i>)		
13500 6 to 12 in.	80	7 00
9000 18 to 24 in.	1 90	16 00
16000 2 to 3 ft.	2 60	22 00
900 3 to 4 ft.	3 70	32 00
3000 4 to 5 ft.	5 60	50 00
2200 5 to 6 ft.	8 00	80 00
ELM, Chinese (<i>Ulmus pumila</i>)		
2000 2 to 3 ft.	3 50	30 00
LOCUST, Black (<i>Robinia pseudoacacia</i>)		
4000 18 to 24 in.	2 10	18 00
5000 2 to 3 ft.	2 90	25 00
3400 3 to 4 ft.	4 50	40 00
LOCUST HONEY, (<i>Gleditsia thiacanthos</i>)		
250 12 to 18 in.	1 40	12 00
150 18 to 24 in.	2 10	18 00
850 3 to 4 ft.	4 50	40 00
LOCUST HONEY, Thornless (<i>Gleditsia thiacanthos inermis</i>)		
2000 2 to 3 ft.	3 50	30 00
800 3 to 4 ft.	5 60	50 00
1000 4 to 5 ft.	7 50	65 00
MAPLE, Silver (<i>Acer dasycarpum</i>)		
500 6 to 12 in.	1 40	12 00
400 12 to 18 in.	2 10	18 00
600 18 to 24 in.	3 20	28 00
1500 2 to 3 ft.	4 50	40 00
1400 3 to 4 ft.	7 00	60 00
MULBERRY, Russian (<i>Morus tatarica</i>)		
8900 6 to 12 in.	1 20	10 00
12000 12 to 18 in.	1 90	16 00
13500 18 to 24 in.	2 90	25 00
2500 2 to 3 ft.	4 00	35 00
14000 3 to 4 ft.	5 60	50 00
7500 4 to 5 ft.	8 50	75 00
OSAGE ORANGE (<i>Maclura pomifera</i>)		
10000 12 to 18 in.	1 20	10 00
7500 18 to 24 in.	1 70	14 00
7700 2 to 3 ft.	2 10	18 00
2700 3 to 4 ft.	2 90	25 00
WALNUT, Black (<i>Juglans nigra</i>)		
4300 12 to 18 in.	3 50	30 00
4800 18 to 24 in.	4 50	40 00
6200 2 to 3 ft.	6 00	55 00

ONE YEAR FROM CUTTINGS

	Per 100	Per 1000
POPLAR (<i>Populus</i>)		
Carolina and Norway		
250 4 to 5 ft.	\$ 8 50	\$ 75 00
150 5 to 6 ft.	10 00	90 00
WILLOW (<i>Salix</i>)		
Golden		
250 2 to 3 ft.	4 00	35 00
150 3 to 4 ft.	5 00	-----
500 4 to 5 ft.	7 00	60 00
300 5 to 6 ft.	8 50	75 00
Wisconsin (<i>blanda</i>)		
160 3 to 4 ft.	7 00	60 00
460 4 to 5 ft.	8 50	75 00
1625 5 to 6 ft.	10 00	90 00

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Green (lanceolata) 50-60 ft.

Shapely, round-headed trees with slender, spreading branches. Hardy.

	Per 10	Per 100
50 4 to 5 ft.	\$ 4 00	\$ 35 00
130 5 to 6 ft.	5 50	50 00
100 6 to 8 ft.	8 00	75 00
90 8 to 10 ft.	11 00	100 00
85 1 to 1½ in.	14 00	125 00

CRAB, Flowering (Malus)

Bechtel (ioensis plena) 12-15 ft. May-June. The genuine double-flowering crab; medium-sized tree; hardy. Delicate pink, double, small rose-like flowers; fragrant.

300 18 to 24 in.	4 50	40 00
200 2 to 3 ft.	5 50	50 00

Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

1200 2 to 3 ft. Whips.	3 50	30 00
400 3 to 4 ft. "	5 00	45 00

CRAB, FLOWERING (MALUS)

Atrosanguinea Carmine Crab. 15-20 ft.

Brilliant single carmine flowers and purplish-bronze foliage. Resembling wild rose, followed by scarlet fruit.

40 2 to 3 ft.	5 00	45 00
30 3 to 4 ft.	6 50	60 00
10 4 to 5 ft.	8 00	75 00
50 5 to 6 ft.	11 00	100 00

niedzwetzkyana (Redvein Crab) Large deep pink flowers; red bark, leaves and fruit.

20 2 to 3 ft.	5 00	45 00
60 3 to 4 ft.	6 50	60 00
10 4 to 5 ft.	8 00	75 00
60 5 to 6 ft.	11 00	100 00

Red Silver. 25-30 ft. Cut-leaved, maroon red and silver foliage, bright red fruit.

30 2 to 3 ft.	5 00	45 00
30 3 to 4 ft.	6 50	60 00
40 4 to 5 ft.	8 00	75 00

ELM

American White (americana) 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

230 4 to 5 ft.	3 50	30 00
250 5 to 6 ft.	5 50	50 00
90 6 to 8 ft.	7 50	70 00
90 8 to 10 ft.	10 00	90 00
900 1¼ to 1½ in.	12 00	110 00
200 1½ to 1¾ in.	21 00	190 00
200 1¾ to 2 in.	27 50	250 00

ORNAMENTAL and SHADE TREES—Continued

	Per 10	Per 100
MAPLE (Acer)		
Norway (platanoides) 50-60 ft.		
Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.		
90 4 to 5 ft., Whips.....	\$ 5 50	\$ 50 00
Schwedleri (Purple Leaf Maple) 40-50 ft.		
A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer and in Autumn golden yellow.		
80 4 to 5 ft., Whips.....	9 00	85 00
50 5 to 6 ft. ".....	11 00	100 00
Silver or Soft (dasycarpum) 60-80 ft.		
Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.		
30 1½ to 2 in.....	5 50	175 00
MULBERRY (MORUS)		
Russian (Alba Tatarica) A very hardy native tree.		
60 3 to 4 ft.....	2 40	20 00
80 4 to 5 ft.....	2 90	25 00
140 5 to 6 ft.....	4 00	35 00
150 6 to 8 ft.....	5 50	50 00
170 8 to 10 ft.....	7 50	70 00
POPLAR (populus)		
bolleana 60-80 ft.		
Leaves are glossy green above, silvery beneath. A favorite with landscape gardeners to break the outline of most other trees.		
100 2 to 3 ft.....	2 10	18 00
50 3 to 4 ft.....	2 90	25 00
Carolina (Norway variety) 70-80 ft.		
Bright green foliage, spreading crown, very hardy. Extremely rapid growth.		
110 4 to 5 ft.....	2 90	25 00
130 5 to 6 ft.....	4 00	35 00
240 6 to 8 ft.....	5 50	50 00
150 8 to 10 ft.....	8 00	75 00
20 1¼ to 1½ in.....	11 00	100 00
Lombardy 50-60 ft.		
Rapid, spire-like growth; fine for screens and formal planting.		
2900 5 to 6 ft., low-branched.....	\$250 00 per 1000	3 20
5600 6 to 8 ft., " ".....	\$350 00 per 1000	4 50
1000 8 to 10 ft., " ".....		6 00
75 1¼ to 1½ in. " ".....		7 00
7 00	65 00	
PRUNUS (Ornamental plum)		
persica (Cardinal) 15-18 ft.		
Double blooms of rich crimson. An outstanding new variety.		
50 4 to 5 ft.....	7 50	70 00
190 5 to 6 ft.....	9 00	85 00
40 6 to 8 ft.....	11 00	100 00
persica (Flowering Peach on peach roots) (Tree form) 15-18 ft. (Red, Pink, or White.)		
Double flowers in early Spring. Very showy.		
3 to 4 ft.....	4 50	40 00
4 to 5 ft.....	6 50	60 00
5 to 6 ft.....	8 00	75 00
	3/4'	4/5'
Pink Flowering Peach	260	30
Red Flowering Peach	50	---
White Flowering Peach	150	50

ORNAMENTAL and SHADE TREES—Continued

thundercloud. (On plum roots.) 20 ft.		Per 10	Per 100
The finest of all Purple Leaf Plums. Very hardy.			
180	2 to 3 ft.	\$ 7 00	\$ 65 00
10	3 to 4 ft.	8 50	80 00
100	4 to 5 ft.	11 00	100 00

triloba (Double Flowering Plum) (Tree Form) (On plum roots) 8-10 ft.

Known also as the "Rose Tree of China". One of our finest shrubs; completely covered with pink rose-like flowers in April and May.			
380	3 to 4 ft.	8 50	80 00
250	4 to 5 ft.	11 00	100 00

RED BUD (Cercis canadensis) 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

250	18 to 24 in.	4 00	35 00
30	3 to 4 ft.	7 50	70 00
50	4 to 5 ft.	10 00	90 00
200	5 to 6 ft.	12 00	100 00
500	6 to 8 ft.	13 50	125 00

RUSSIAN OLIVE (Elaeagnus angustifolia) 20-25 ft.

Attractive silvery gray leaves, grayish white berries. Desirable for grouping. Used extensively for windbreaks. Very hardy.

60	5 to 6 ft.	9 00	85 00
60	6 to 8 ft.	12 00	110 00
50	8 to 10 ft.	14 00	125 00

THORN, Crataegus**Paul's Scarlet Hawthorn, oxycantha pauli. 15-20 ft.**

Produces brilliant double scarlet flowers in June.

130	4 to 5 feet, branched.	15 00	135 00
50	6 to 8 feet, whips	21 00	190 00

WILLOW (Salix)**babylonica 40-50 ft.**

A large, graceful Willow; bright green foliage, long wavy branches.

200	3 to 4 ft.	2 90	25 00
150	4 to 5 ft.	4 00	35 00
800	5 to 6 ft.	6 50	60 00
400	6 to 8 ft.	10 00	90 00
50	8 to 10 ft.	12 00	110 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

1500	2 to 3 ft.	2 40	20 00
2100	3 to, 4 ft.	2 90	25 00
400	4 to 5 ft.	4 00	35 00
500	5 to 6 ft.	6 50	60 00

Pussy (discolor) 20-25 ft.

Very popular for its gray catkins in early Spring. Small, narrow leaves.

400	18 to 24 in.	2 60	22 00
700	2 to 3 ft.	3 50	30 00
500	3 to 4 ft.	4 50	40 00
200	4 to 5 ft.	6 50	60 00

Wisconsin (blanda) 30-40 ft.

The popular green barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.

100	2 to 3 ft.	2 40	20 00
400	3 to 4 ft.	2 90	25 00
240	4 to 5 ft.	4 00	35 00
1200	5 to 6 ft.	6 50	60 00
350	6 to 8 ft.	10 00	90 00
70	8 to 10 ft.	12 00	110 00

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa) April-May. 5-6 ft.	Per 10	Per 100	Per 1000
A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.			
150 12 to 18 in.....	\$2 90	\$25 00	\$.....
160 2 to 3 ft.....	5 00	45 00	-----

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

—Write For Special Prices On Quantity Lots.—

Large desirable shrub for group and specimen planting, also used for screens.				
12 to 18 in.....	1 80	15 00	125 00	
18 to 24 in.....	2 40	20 00	175 00	
2 to 3 ft.....	3 20	28 00	250 00	
3 to 4 ft.....	4 00	35 00	300 00	
	12/18"	18/24"	2/3'	3/4'
Anemoneflorus, double bright pink	800	1500	1800	---
Boule de Feu, double purplish-red	800	2400	2500	450
Lucy, very double red	1100	150	3400	1300
Purpurea Semi-Plena,				
semi-double clear purple	200	980	40	180
Totus Albus, single white	690	790	700	400
Jeanne de Arc, double white	---	50	30	---
Snowdrift, single white	100	130	40	---

BARBERRY (BERBERIS)

Red Leaved Japanese (*thunbergi atropurpurea*)

Warm bronzy-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

	Per 10	Per 100	Per 1000
500 9 to 12 in.....	\$1 90	\$16 00	\$.....
100 12 to 15 in.....	2 40	20 00	-----
130 15 to 18 in.....	3 20	28 00	-----

thunbergi 4-5 ft,

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers, brilliant fall foliage followed by scarlet berries in winter.

700 9 to 12 in.....	1 20	10 00	90 00
300 12 to 15 in.....	1 90	16 00	140 00
200 15 to 18 in.....	2 40	20 00	180 00
2500 18 to 24 in.....	2 90	25 00	220 00
900 2 to 2½ ft.....	3 50	30 00	280 00

TRUE HEDGE COLUMBERRY (*thunbergi erecta*) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliaged than *Thunbergi*.

	Retail Resale Price				Wholesale Prices, Net		
	Each	Per 5	Per 25	Per 100	Per 10	Per 100	Per 1000
200 12 to 15 in.....	\$ 65	\$2 50	\$11 00	\$40 00	\$3 50	\$28 00	\$250 00
70 18 to 24 in.....	1 00	4 00	17 50	65 00	5 00	45 00	-----

BUCKTHORN (RHAMNUS)

cathartica (Common) June. 6 ft.

Attractive ovate, dark green leaves, smaller white flowers; black berries. Used extensively for hedging in the north.

150 12 to 18 in.....	1 50	10 00	90 00
100 18 to 24 in.....	1 80	15 00	-----
800 2 to 3 ft.....	2 40	20 00	180 00
370 3 to 4 ft.....	3 20	28 00	250 00

ORNAMENTAL SHRUBS—(Continued)

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub, July-September. 4-5 ft.

Per 10 Per 100 Per 1000

Dubonnet, 4-5 ft.

The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

200 Medium	\$2 40	\$20 00	\$180 00
500 No. 1	2 90	25 00	220 00

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Blooms profusely.

300 Medium	2 40	20 00	180 00
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Red Glory

A distinctly red Buddleia. Blooms over a long period. Dark green foliage.

300 Medium	2 50	22 00	-----
500 No. 1	3 20	28 00	-----

CEPHALANTHUS occidentalis (Button Bush) July. 5-6 ft.

A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.

	Per 10	Per 100	Per 1000
100 12 to 18 in.....	\$ 2 10	\$18 00	\$-----
120 18 to 24 in.....	2 90	25 00	-----
60 2 to 3 ft.....	4 00	35 00	-----

CORNUS (DOGWOOD)**alba siberica (Coral Dogwood) April-May. 8-10 ft.**

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

1100 12 to 18 in.....	2 10	18 00	160 00
1000 18 to 24 in.....	2 90	25 00	220 00
650 2 to 3 ft.....	4 00	35 00	300 00

Florida (White Flowering Dogwood) July. 12-15 ft.

Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

30 12 to 18 in.....	4 50	40 00	-----
150 18 to 24 in.....	7 00	65 00	-----
350 2 to 3 ft.....	11 00	100 00	-----
400 3 to 4 ft.....	14 00	125 00	-----

stolonifera (Redosier Dogwood) May-June. 6-8 ft.

Spreading but erect growing; white flowers and berries; dark red bark.

800 12 to 18 in.....	2 10	18 00	160 00
450 18 to 24 in.....	2 90	25 00	220 00
150 2 to 3 ft.....	4 00	35 00	300 00
40 3 to 4 ft.....	5 00	45 00	-----

stolonifera lutea (Gold Twig Dogwood) 6-8 ft.

A striking yellow-branched form of Stolonifera; of high decorative value.

900 12 to 18 in.....	2 10	18 00	160 00
500 18 to 24 in.....	2 90	25 00	220 00
140 3 to 4 ft.....	5 00	45 00	-----

ORNAMENTAL SHRUBS—(Continued)

Per 10 Per 100 Per 1000

CREPE MYRTLE (LAGERSTROEMIS INDICA) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

12 to 18 in.....	\$ 2 10	\$ 18 00	\$.....
18 to 24 in.....	2 90	25 00	.....
2 to 3 ft.....	3 50	30 00	.....
	12/18"	18/24"	2/3'
Purple	40	40	160
Watermelon Red	180	30	220
White	100	60	200

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth.

	Per 10	Per 100	Per 1000
1000 12 to 18 in.....	\$ 2 10	\$18 00	\$.....
60 18 to 24 in.....	2 90	25 00	.....

DEUTZIA

Per 10 Per 100 Per 1000

Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

800 12 to 18 in.....	\$ 2 10	\$18 00	\$160 00
2500 18 to 24 in.....	2 90	25 00	220 00
2600 2 to 3 ft.....	4 00	35 00	300 00
40 3 to 4 ft.....	5 00	45 00	.....

ELDER (SAMBUCUS)

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy, rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

90 12 to 18 in.....	2 10	18 00	.....
200 2 to 3 ft.....	4 00	35 00	.....
150 3 to 4 ft.....	5 00	45 00	.....

FORSYTHIA (GOLDEN BELL)

fortunei (Fortune Forsythia) April. 6-8 ft.

A large, upright shrub with slightly drooping branches, golden yellow flowers.

100 12 to 18 in.....	2 10	18 00	160 00
130 18 to 24 in.....	2 90	25 00	220 00
470 2 to 3 ft.....	4 00	35 00	300 00
1000 3 to 4 ft.....	5 00	45 00	400 00

intermedia (Border Forsythia) April. 6-8 ft.

One of the most floriferous varieties; slender arching branches; dark green, lustrous leaves. Bright golden yellow flowers in early Spring.

60 12 to 18 in.....	2 10	18 00
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intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardest of all Forsythias. Very profuse bloomer; rich yellow flowers.

900 12 to 18 in.....	2 10	18 00	160 00
550 18 to 24 in.....	2 90	25 00	220 00
1400 2 to 3 ft.....	4 00	35 00	300 00
780 3 to 4 ft.....	5 00	45 00	400 00

ORNAMENTAL SHRUBS—(Continued)

HONEYSUCKLE (LONICERA)**Fragrantissima, Winter Honeysuckle.**

Per 10 Per 100 Per 1000

Fragrant flowers followed by red fruit. Semi-hardy.

1100	12 to 18 in.	\$ 2 10	\$ 18 00	\$
200	18 to 24 in.	2 90	25 00	.....
200	2 to 3 ft.	4 00	35 00	.....

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

500	12 to 18 in.	2 10	18 00	160 00
600	18 to 24 in.	2 90	25 00	220 00
600	2 to 3 ft.	4 00	35 00	300 00
500	3 to 4 ft.	5 00	45 00	400 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

600	12 to 18 in.	2 10	18 00	160 00
1000	18 to 24 in.	2 90	25 00	220 00
600	2 to 3 ft.	4 00	35 00	300 00
350	3 to 4 ft.	5 00	45 00	400 00

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

500	18 to 24 in.	2 90	25 00	220 00
550	2 to 3 ft.	4 00	35 00	300 00
1500	3 to 4 ft.	5 00	45 00	400 00

Tatarian Red (tatarica rubra) April-May. 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

100	12 to 18 in.	2 10	18 00	160 00
550	18 to 24 in.	2 90	25 00	220 00
240	2 to 3 ft.	4 00	35 00	300 00
100	3 to 4 ft.	5 00	45 00	400 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

1700	12 to 18 in.	2 10	18 00	160 00
470	18 to 24 in.	2 90	25 00	220 00

HYDRANGEA**arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.**

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

980	12 to 18 in.	2 90	25 00	.....
400	18 to 24 in.	4 00	35 00	.....
450	2 to 3 ft.	5 00	45 00	.....
1000	3 to 3½ ft.	6 00	55 00	.....

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

2500	12 to 18 in.	2 90	25 00	.....
200	18 to 24 in.	4 00	35 00	.....

ORNAMENTAL SHRUBS—(Continued)

LILAC (<i>Syringa</i>)		Per 10	Per 100	Per 1000
French Lilacs. Named Varieties. April-May. 8-15 ft.				
9 to 12 in.	1 cane and up	\$2 90	\$25 00	\$-----
12 to 18 in.	1 " " "	4 00	35 00	-----
18 to 24 in.	branched	5 50	50 00	-----
2 to 3 ft.	"	7 00	65 00	-----
			9/12" 12/18" 18/24" 2/3'	
Alphonse Lavalle , pyramidal clusters of double lilac-blue flowers.		-----	10	50
Belle de Nancy , great panicles of double satiny rose blooms; white center.		-----	20	10
Chas. Joly , double purplish-red. Tall grower, one of the best.		-----	500	20
Chas. X. , single, reddish-purple; free flowering.		-----	90	190 250 40
Congo , great panicles of dark wine-red flowers; distinct and superb.		-----	250	60 70
Ellen Willmott , immense panicles of double flowers and florets of creamy white.		160	200	-----
Jan Van Tol , long slender trusses of pure white; single		130	50	-----
Katharine Havemeyer , a choice early variety; double deep blue panicles.		70	170	40
Marie Legraye , single, slender panicles of creamy white. Blooms profusely.		30	20	-----
Michel Buchner , dwarf and stocky; double delicate lilac flowers.		40	100	130
Mme. Casimir Perier , double white flowers in compact clusters; free-flowering.		-----	30	20
Mme. Lemoine , double, pure white, large panicles. Dwarf; branches well.		-----	40	-----
President Grevy , double, clear soft, delicate blue flowers; large panicles.		-----	210	330
President Lincoln , clear, rich blue flowers with large, fragrant florets.		-----	50	100
Souv. de Ludwig Spaeth , single, dark purplish-red, long panicles.		40	280	20
Common Purple (<i>vulgaris</i>) April-May. 12-15 ft.				
The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.				
1400	9 to 12 in.	1 20	10 00	90 00
Persian Purple (<i>persica</i>) April-May. 8-10 ft.				
Slender arching branches, small leaves and lilac flowers.				
				SOLD OUT
<i>rothomagensis</i> (<i>chinensis</i>) April-May. 8-10 ft.				
Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.				
				SOLD OUT
PHILADELPHUS (MOCK ORANGE, SYRINGA)				
Bouquet Blanc. May-June. 4-5 ft.				
Close-set branches of fragrant double white flowers; rich green foliage.				
220	12 to 18 in.	2 50	22 00	-----
40	18 to 24 in.	3 50	30 00	-----
<i>coronarius</i> (Sweet Mock Orange) May-June. 8-10 ft.				
The old-fashioned sweet-scented Mock Orange; free-flowering and vigorous.				
420	12 to 18 in.	2 10	18 00	160 00
200	18 to 24 in.	2 90	25 00	220 00
450	2 to 3 ft.	4 00	35 00	300 00
350	3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—(Continued)

PHILADELPHUS (MOCK ORANGE, SYRINGA)—(Continued)

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.

	Per 10	Per 100	Per 1000
Large scentless white flowers in clusters; branches somewhat straggling.			
900 12 to 18 in.-----	\$ 2 10	\$ 18 00	\$160 00
200 18 to 24 in.-----	2 90	25 00	220 00
1500 2 to 3 ft.-----	4 00	35 00	300 00
150 3 to 4 ft.-----	5 00	45 00	400 00

Lemoine, Lemoine Mock Orange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

70 18 to 24 in.-----	3 50	30 00	-----
30 2 to 3 ft.-----	4 00	35 00	-----

Virginal. May-June. 7-8 ft.

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

200 12 to 18 in.-----	3 50	30 00	-----
450 18 to 24 in.-----	4 50	40 00	-----
280 18 to 24 in.-----	5 50	50 00	-----
60 3 to 4 ft.-----	6 50	60 00	-----

PHYSOCARPUS (NINEBARK)

opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft.

Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.

220 12 to 18 in.-----	2 10	18 00	-----
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opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf, form, dense growth. White flowers followed by small red seed pods.

190 12 to 18 in.-----	2 10	18 00	-----
100 18 to 24 in.-----	2 90	25 00	-----
400 2 to 3 ft.-----	4 00	35 00	-----
250 3 to 4 ft.-----	5 00	45 00	-----

PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
7750 9 to 12 in.-----	\$ 4 50	\$ 40 00
8700 12 to 18 in., 3 canes and up.-----	7 50	65 00
5600 18 to 24 in., 3 " " "-----	10 00	90 00
4000 2 to 3 ft., 2 and 3 canes and up.-----	10 00	90 00
8500 2 to 3 ft., 4 canes and up.-----	14 00	120 00
1000 3 to 4 ft., 4 " " "-----	16 00	140 00

California (ovalifolium) June-July. 8-12 ft.

11800 18 to 24 in., 3 canes and up.-----	8 50	75 00
6400 2 to 3 ft., 4 canes and up.-----	10 00	90 00

ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much harder than California Privet, not as evergreen.

1200 18 to 24 in., 3 canes and up.-----	8 50	75 00
7400 2 to 3 ft., 4 " " "-----	10 00	90 00
1500 3 to 4 ft.-----	14 00	120 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

ORNAMENTAL SHRUBS—(Continued)

RHUS (SUMAC)

Per 10 Per 100 Per 1000

Cut Leaf (*typhina laciniata*) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

600	12 to 18 in.	\$ 2 10	\$18 00	\$160 00
450	18 to 24 in.	3 60	25 00	220 00
1400	2 to 3 ft.	4 00	35 00	300 00
150	3 to 4 ft.	5 00	45 00	-----

Smooth (*glabra*) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

130	18 to 24 in.	2 50	22 00	-----
850	2 to 3 ft.	3 50	28 00	250 00
300	3 to 4 ft.	4 50	40 00	-----

Staghorn (*typhina*) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.

500	18 to 24 in.	2 50	22 00	200 00
560	2 to 3 ft.	3 20	28 00	250 00
650	3 to 4 ft.	4 50	40 00	350 00
150	4 to 5 ft.	5 50	50 00	-----

RIBES (FLOWERING CURRANTS)

alpinum (Mountain Currant) April-May. 4-5 ft.

Dwarf, compact habit; fragrant yellow flowers, red berries. Suitable for hedges or mass planting. Very hardy.

1200	12 to 15 in.	2 90	25 00	-----
1000	15 to 18 in.	4 00	35 00	-----
450	18 to 24 in.	5 00	45 00	-----

SNOWBALL (See *Viburnum*)

SPIREA

Anthony Waterer. June-September. 3-3½ ft.

Very dwarf; free-flowering. Produces flat rose-red flower heads.

300	12 to 15 in.	2 90	25 00	-----
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arguta (Garland) April-May. 5-6 ft.

Small, fern-like foliage; slender branches; minute pure white flowers.

1600	12 to 18 in.	2 10	18 00	160 00
50	18 to 24 in.	2 90	25 00	-----
100	3 to 4 ft.	5 00	45 00	-----

billardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

1400	9 to 12 in.	1 50	12 00	100 00
4700	12 to 18 in.	2 10	18 00	160 00
5200	18 to 24 in.	2 90	25 00	220 00
3000	2 to 3 ft.	4 00	35 00	300 00

bumalda superba. 3-5 ft.

Dwarf shrub with deep rosy-pink flowers in flattish heads; upright growth. Improved strain of bumalda.

100	12 to 18 in.	2 60	22 00	-----
100	18 to 24 in.	3 50	30 00	-----

froebeli (Froebel) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

5600	12 to 18 in.	2 10	18 00	160 00
1680	18 to 24 in.	2 80	25 00	220 00
70	2 to 2½ ft.	3 50	30 00	-----

ORNAMENTAL SHRUBS—(Continued)

SPIREA—(Continued)

Per 10 Per 100 Per 1000

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

3000	12 to 18 in.	\$ 1 40	\$12 00	\$100 00
500	18 to 24 in.	1 90	16 00	140 00
5000	2 to 3 ft.	2 50	22 00	200 00
2400	3 to 4 ft.	3 50	30 00	270 00

SYMPHORICARPOS (SNOWBERRY)

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

600	12 to 18 in.	1 70	14 00	120 00
1900	18 to 24 in.	2 10	18 00	160 00
200	2 to 3 ft.	2 90	25 00	220 00

vulgaris (Indian Currant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

300	12 to 18 in.	1 70	14 00	120 00
350	18 to 24 in.	2 10	18 00	160 00
100	2 to 3 ft.	2 90	25 00	220 00

TAMARIX

	12 to 18 in.	2 10	18 00	160 00
	18 to 24 in.	2 90	25 00	220 00
	2 to 3 ft.	4 00	35 00	300 00
	3 to 4 ft.	5 00	45 00	400 00

12/18" 18/24" 2/3' 3/4'

africana. May. 10-12 ft. Slender spreading branches, reddish-brown bark, pink flowers. 900 2200 1200 250

amurensis (Amur Tamarix) August-September. 8-10 ft. Purple branches, graceful foliage. Thrives in dry soil. 50 250 700 650

hispida (Kashgar Tamarix) August-September. 12-15 ft. Slow, compact, upright growth; long panicles of bright pink flowers. 750 200

odessana (Odessa Tamarix) July. 6-8 ft. Dwarf, bushy growth; loose panicles of lavender-pink flowers. 50 200 300 200

tetandra purpurea. May-June. 10-12 ft. Vigorous growth, bright green foliage, pink flowers. Very hardy. 200 620 900

VIBURNUM

dentatum (Arrowwood) May. 10-12 ft. Per 10 Per 100 Per 1000

A splendid massing shrub, beautiful glossy green foliage, greenish-white flowers; bluish-black berries. Withstands considerable shade.

40	12 to 18 in.	2 10	18 00	-----
60	18 to 24 in.	2 90	25 00	-----
70	2 to 3 ft.	4 00	35 00	-----

opulus sterilis (Common Snowball) April-May. 10-12 ft.

Well known and justly popular. Flowers appear in numerous compact balls.

1000	9 to 12 in.	2 40	20 00	-----
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VITEX macrophylla, Big-Leafed Chaste Tree. 5-6 ft.

Semi-dwarf flowers of lavender-blue. Semi-hardy.

350	18 to 24 inches	3 20	28 00	-----
150	2 to 3 feet	4 00	35 00	-----

ORNAMENTAL SHRUBS—(Continued)

WEIGELA (DIERVILLA)		Per 10	Per 100	Per 1000
Eva Rathka (Red Flowering Weigela) May-June. 4-5 ft.				
Attractive foliage; clear ruby-red trumpet-shaped flowers over long season.				
250	12 to 18 in.	\$ 3 20	\$28 00	\$250 00
150	2 to 3 ft.	5 50	50 00	-----
rosea (Pink Weigela) May-June. 6-8 ft.				
Erect, compact growth; fine rose-colored flowers. Used extensively.				
3300	12 to 18 in.	2 10	18 00	160 00
570	18 to 24 in.	2 90	25 00	220 00
400	2 to 3 ft.	4 00	35 00	300 00
500	3 to 4 ft.	5 00	45 00	400 00
Hendersoni. May-June. 6-8 ft.				
One of the hardier varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.				
100	12 to 18 in.	2 10	18 00	160 00
Variegated (Variegated-leaf Weigela) May-June. 4-5 ft.				
Dwarf, leaves margined creamy white; flowers pink. One of the most useful variegated shrubs.				
800	12 to 18 in.	2 60	22 00	200 00

CLIMBING VINES

		Per 10	Per 100	Per 1000
Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.				
AMPELOPSIS				
engelmanni (Engelmann Creeper) 30-40 ft.				
Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall; Blue-black fruit.				
1900	2 year, Medium	\$ 1 90	\$16 00	\$140 00
4000	2 " No. 1	2 40	20 00	180 00
veitchi (Tricuspidata) Boston Ivy. 40-50 ft.				
Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.				
1300	2 year, Medium	2 10	18 00	-----
1500	2 " No. 1	2 60	22 00	-----
1200	3 " No. 1	3 50	30 00	-----

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.				
A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.				
2300	2 year, Medium	2 40	20 00	180 00
680	2 " No. 1	2 90	25 00	220 00

HONEYSUCKLE (LONICERA)

Hall's Japan (Japonica Halliana) July-October. 20-25 ft.				
Fragrant, pure white flowers, changing to yellow; almost evergreen.				
80	2 year, No. 1	2 10	18 00	-----
Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.				
A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.				
170	2 year, No. 1	2 90	25 00	-----
Summer King (Heckrotti) May until Frost. 15-20 ft.				
Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.				
350	2 year, No. 1	4 50	40 00	-----

POLYGONUM auberti

(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.				
A fast-growing, twining vine; light green leaves, fleecy white flowers.				
SOLD OUT				

WISTERIA

American (frutescens) June-July. 20-25 ft.				
Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.				
200	2 year, Medium	2 40	20 00	-----

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)

		Per 100	Per 1000
atropurpurea, (Red Leaved Barberry)			
3000	9 to 12 in., 2 year seedlings, branched.....	\$ 8 50	\$ 80 00
200	12 to 15 in., " " " "	12 00	100 00
100	15 to 18 in., " " " "	14 00	120 00
170	18 to 24 in., " " " "	18 00	160 00
thunbergi (Japanese Barberry)			
6700	6 to 9 in., 1 year seedlings	2 90	25 00
25000	9 to 12 in., 2 year seedlings, branched.....	6 00	50 00
88000	12 to 18 in., 2 year seedlings, branched.....	8 00	70 00
27900	18 to 24 in., " " " "	10 00	90 00

CARAGANA arborescens (Siberian Pea Tree)

8400	6 to 12 in.....	2 10	18 00
2700	12 to 18 in.....	3 20	28 00
8000	18 to 24 in.....	5 00	40 00
5830	2 to 3 ft.....	6 00	55 00
2300	3 to 4 ft.....	7 00	65 00

MULBERRY (MORUS) Russian, tatarica

10000	6 to 12 in.....	1 20	10 00
12000	12 to 18 in.....	1 90	16 00
13500	18 to 24 in.....	2 90	25 00
2500	2 to 3 ft.....	4 00	35 00
14000	3 to 4 ft.....	5 60	50 00
7500	4 to 5 ft.....	8 50	75 00

PRIVET—See Ornamental Shrubs.



EVERGREENS

(Balled and Burlapped)

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

All evergreens sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

Evergreens can be supplied with the roots puddled if desired at 15¢ and 20¢ reduction from the listed prices on 18 to 24 inch and 2 to 3 feet sizes respectively.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

ABIES (FIR)

Per 10 Per 100

concolor (Silver) 70-80 ft.

Long, soft, grayish-blue needles. One of the finest evergreens of this type.

3 to 4 ft.....	\$ 50 00	\$
4 to 5 ft.....	75 00	.....
5 to 6 ft.....	100 00	.....
6 to 8 ft.....	130 00	.....

douglasi (Douglas) (Pseudotsuga douglasi) 70-80 ft.

Bluish-green foliage. One of our most important Evergreen trees. Stands crowding well, considerable shade, and responds to trimming.

2 to 3 ft.....	32 50	300 00
3 to 4 ft.....	42 50	400 00
4 to 5 ft.....	60 00	550 00
5 to 6 ft.....	80 00	750 00
6 to 8 ft.....	110 00	1000 00

VARIETIES OF JUNIPER CHINENSIS**JUNIPERUS (JUNIPER)****chinensis (Chinese) 15-20 ft.**

Sharp, prickly needles, light green with a slightly bluish cast. Will thrive anywhere except in heavy rich or poorly drained soil.

	Per 10	Per 100
3 to 3½ ft.....	\$ 40 00	\$375 00
3½ to 4 ft.....	47 50	450 00
4 to 5 ft.....	60 00	575 00

chinensis pfitzeriana aurea (Hill Golden Pfitzer Juniper)

A strong, robust grower. In spring, foliage is clear yellow. Loses some of its bright color during summer and becomes almost green in winter.

18 to 24 in.....	30 00	.....
2 to 2½ ft.....	35 00	.....
2½ to 3 ft.....	42 50	.....

chinensis pyramidalis glauca (Blue Columnar Juniper) 15-20 ft.

Attractive glaucous blue color; sharp prickly leaves. Does well in hot dry locations, is also immune to severe cold.

2½ to 3 ft.....	37 50	350 00
3 to 3½ ft.....	42 50	400 00
3½ to 4 ft.....	50 00	475 00
4 to 5 ft.....	60 00	575 00
5 to 6 ft.....	75 00	700 00

EVERGREENS—(Continued)

VARIETIES OF JUNIPER CHINENSIS—Continued

JUNIPERUS (JUNIPER)—Continued

Per 10 Per 100

chinensis pyramidalis Green (Green Columnar Juniper) 15-20 ft.

The description of the blue form applies also to the green. However, the color is bright green with some foliage variations.

2½ to 3 ft.....	\$ 37 50	\$350 00
3 to 3½ ft.....	42 50	400 00
4 to 5 ft.....	60 00	575 00
5 to 6 ft.....	75 00	700 00

VARIETIES OF MISCELLANEOUS JUNIPERS

excelsa stricta (Spiny Greek Juniper)

Compact, well shaped pyramidal form; foliage gray-green.

3½ to 4 ft.....	32 50	300 00
4 to 5 ft.....	50 00	475 00

horizontalis (Prostrate Juniper) 6-8 ft. spread

Long, trailing stems with upright spreading branches; dark green foliage. Grows rapidly and makes a very pleasing effect when planted on terraces.

18 to 24 in.....	22 50	200 00
2 to 2½ ft.....	30 00	275 00
2½ to 3 ft.....	35 00	325 00

VARIETIES OF VIRGINIANA JUNIPERS

virginiana canaerti (Canaert's Red Cedar) 15-18 ft.

Soft, dark green foliage; the most popular of the many grafted varieties. Holds its color well throughout the year. Frequently produces silvery-blue berries.

3 to 3½ ft.....	\$ 55 00	\$525 00
3½ to 4 ft.....	62 50	600 00

virginiana columnaris Green. 15-20 ft.

A splendid dark-green type of Virginia of uniform, pyramidal growth.

3½ to 4 ft.....	62 50	600 00
4 to 4½ ft.....	70 00	675 00
4½ to 5 ft.....	80 00	775 00
5 to 6 ft.....	90 00	875 00

virginiana elegantissima Lee (Gold Tip Red Cedar) 12-15 ft.

Forms a broad pyramidal tree; branches have bright yellow tips turning bronze in winter making a pleasing color variation.

2½ to 3 ft.....	47 50	450 00
3 to 3½ ft.....	55 00	525 00
3½ to 4 ft.....	62 50	600 00

virginiana glauca (Silver Red Cedar) 18-20 ft.

Uniquely attractive; the broadly conical form and beautiful glaucous blue foliage make it one of the choicest Junipers.

2½ to 3 ft., sheared.....	47 50	450 00
3 to 3½ ft., ".....	55 00	525 00

EVERGREENS—(Continued)

<i>virginiana keteleeri</i> . 15-18 ft.	Per 10	Per 100
Medium-sized pyramidal tree of light green color, does not turn brown in winter. A fine disease-resistant, hardy variety.		
2½ to 3 ft.	\$ 47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	70 00	675 00
4½ to 5 ft.	80 00	775 00
5 to 6 ft.	90 00	875 00

virginiana pyramidalis (Pyramidal Red Cedar) 10-12 ft.

Intense green foliage, narrow columnar habit with branches ascending upward. One of the most interesting and attractive better evergreens.

2½ to 3 ft.	47 50	450 00
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PICEA (SPRUCE)

excelsa (Norway Spruce) 60-70 ft.

A lofty, noble tree of open, pyramidal habit, dark green foliage.

2 to 3 ft.	19 50	175 00
3 to 4 ft.	30 00	275 00
4 to 5 ft.	40 00	375 00
5 to 6 ft.	52 50	500 00

glauca densata (Black Hill Spruce) 40-50 ft.

Usually symmetrical, compact, and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.

18 to 24 in.	16 50	150 00
2 to 2½ ft.	22 50	200 00
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	350 00
4 to 5 ft.	47 50	450 00
5 to 6 ft.	57 50	550 00

pungens, (Colorado Green Spruce) 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.

18 to 24 in.	22 50	200 00
2 to 2½ ft.	27 50	250 00
2½ to 3 ft.	32 50	300 00
3 to 3½ ft.	37 50	350 00

pungens glauca, (Colorado Blue Spruce) 60-80 ft.

Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.

18 to 24 in.	37 50	350 00
2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
3 to 3½ ft.	80 00	750 00
4½ to 5 ft.	95 00	-----

PINUS (PINE)

montana mughus (Mugho Pine 3-4 ft.)

Dwarf, round-headed pine, compact deep green foliage. Free from insects and pests. Will grow in almost any location.

15 to 18 in., spread.	25 00	225 00
18 to 24 in., "	30 00	275 00
2 to 2½ ft.	35 00	325 00
2½ to 3 ft.	37 50	-----

EVERGREENS—(Continued)

PINUS (PINE)—(Continued)

Per 10 Per 100

nigra (Austrian or Black Pine) 60-70 ft.

Remarkably robust, spreading; leaves long, stiff and dark green. Hardy. Used extensively in cities, as it is not affected by coal, gas, and smoke.

2 to 3 ft.....	\$ 42 50	\$400 00
3 to 4 ft.....	52 50	500 00

sylvestris (Scotch Pine) 60-70 ft.

Foliage, light green with bluish cast, reddish-brown branches form a rounded head; will thrive in almost all soils. Very hardy.

2 to 3 ft.....	32 50	-----
3 to 4 ft.....	37 50	-----
4 to 5 ft.....	42 50	400 00

PSEUDOTSUGA (See Abies)

TAXUS

cuspidata (Spreading Japanese Yew) 5-6 ft.

Rich dark green foliage; spreading, bushy habit. Plant in shaded location for best results. Valuable for hedging and foundation planting.

15 to 18 in., spread.....	37 50	350 00
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Shown in the above photograph are *Virginiana Keteleeri* (left) and *Virginiana Cannarti* (right). Please note the compact, symmetrical, development of these trees.

ROSES

WRITE FOR SPECIAL PRICES ON QUANTITY LOTS

All roses are tied No. 1 and No. 1½, 10 per bundle; No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 5 50	\$ 50 00	\$450 00
" " " No. 1½.....	4 50	40 00	350 00
" " " No. 2.....	2 90	25 00	220 00

Red Shades

	No. 1	No. 1½	No. 2
Ami Quinard , dark velvety crimson, almost black.	3000	2000	700
Chas. K. Douglas , free flowering variety, scarlet-crimson. Vigorous.	350	1500	450
Christopher Stone , alive with vivid scarlet, petals glowing with a velvety sheen.	70	250	1300
E. G. Hill , great massive blooms of deep velvety maroon.	200	1300	850
Etoile de Hollande , dark velvety-red with fine fragrance.	---	9500	4300
Francis Scott Key , large, very double; rich crimson.	700	150	300
Grenoble , long-stemmed beautifully shaped blooms of scarlet crimson.	500	4700	800
Gruss an Teplitz , medium sized, dark maroon blooms in clusters. Very hardy.	150	1150	250
McGredy's Scarlet , large brilliant scarlet shaded rose pink. ..	150	800	700
Poinsettia , one of the most brilliant red roses ever produced, a good grower and a fine cut flower.	---	2400	1500
Red Radiance , bright rosy-red, free blooming.	2700	60	---
Rouge Mallerin , large lasting velvety red, very double blooms.	---	1100	1500

Pink Shades

Betty Uprichard , salmon-pink stained with coppery red.	700	440	50
Briarcliff , handsome flowers of silvery rose-pink.	150	530	850
Columbia , long stemmed, pointed flowers of vivid pink; fragrant.	200	500	100
Editor McFarland , shapely buds and double, brilliant pink blooms.	400	4600	2000
Mrs. Chas. Bell , soft, salmon-pink, sweetly perfumed.	200	350	40
Picture , velvety clear rose-pink with under tones of salmon. Very double.	50	100	380
Pink Dawn , perfectly formed, pink buds touched with salmon-rose.	170	2400	550
President Macia , very long bud. Clear pink with slighty darker veining.	---	350	400
Radiance , large brilliant rose pink.	1400	100	400
Souv. Mme. C. Chambard , large semi-double, outer petals rich rose-red; inner petals deep rose-pink, golden glow at center.	250	450	150
The Doctor , long pointed buds, enormous blooms of silvery pink.	---	2300	750

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. Temperature and humidity being automatically controlled.

ROSES—(Continued)

TEA, HYBRID TEA, AND EVERBLOOMING ROSES—(Continued)

	Yellow Shades	No. 1	No. 1½	No. 2
Golden Charm , dainty pointed yellow blooms.	---	---	90	1650
Golden Dawn , bud rich sunflower-yellow flushed old-rose. Double.	200	---	90	400
Joanna Hill , double blooms of golden buff, yellow center. ...	200	---	250	150
Lady Hillingdon , a popular deep apricot-yellow rose.	600	---	300	70
Luxembourg , large, coppery-yellow flowers.	600	---	850	200
McGredy's Yellow , well formed flowers of bright butter-cup yellow.	---	---	---	1300
Roslyn , large, double, deep golden-yellow. Vigorous grower.	1200	---	1700	250
Soeur Therese , double rich yellow blooms; vigorous, upright, profuse.	3600	---	3600	700
Sunburst , rich yellow shaded coppery-orange.	650	---	850	200
Yellow Sastago , vigorous yellow sport of the popular bush variety.	6700	---	5180	2700

Two-toned Shades

Condessa de Sastago , petals are coppery-pink inside golden reverse.	1500	---	3100	1680
Contrast , long-pointed bud opening to large double high- centered flowers of pink and bronze, reverse white and bronze, long stem. Vigorous and profuse.	3400	---	700	700
Cynthia , large, lasting blooms of scarlet-carmine toned gold at base; double.	1000	---	970	380
Duquesa de Panaranda , strong, vigorous grower, very free- flowering; apricot-orange to dark pink.	100	---	---	400
Edith Nellie Perkins , delicate color blends of light cerise-pink and gold.	600	---	3700	1500
Henrich Gaede , rich vermilion flowers shaded with golden yellow, richly fragrant.	---	---	600	190
Heinrich Wendland , large double blooms of nasturtium-red, reverse of petals golden yellow; distinctly two-toned. ...	350	---	340	160
Mme. Jos. Perraud , high centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center.	---	---	1100	490
Pres. H. Hoover , a glorious rose; cerise toned yellow, orange and scarlet.	700	---	2100	900
Talisman , golden-yellow, stained coppery-red and orange-rose; a favorite variety.	3400	---	600	800

White Shades

Caledonia , large double white; long buds opening to large, double flowers.	1400	---	1900	450
K A Victoria , very popular, free-flowering, double pure white.	200	---	3200	3000
Konigin Luise , large solid buds. Very double snow-white flowers tinged lemon. One of best whites.	900	---	1600	700
McGredy's Ivory , ivory white, perfectly shaped double; blooms; sweet-scented.	---	---	2000	850
Mme. Jules Bouche , white with blush tints in center.	---	---	400	90

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ROSES—(Continued)

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000	
No. 1	\$ 5 50	\$ 50 00	\$450 00	
No. 1½	4 50	40 00	350 00	
No. 2	2 90	25 00	220 00	
		No. 1	No. 1½	No. 2
American Beauty , a very popular cerise-red variety.	3000	120	100	
Frau Karl Druschki , very popular large pure white.	500	---	140	
General Jacqueminot , rich crimson-scarlet, very fragrant. ...	350	650	240	
Paul Neyron , dwarf bushed; gigantic rosepink.	710	---	---	

BABY ROSES—Dwarf Polyantha and Floribunda

	Per 10	Per 100	Per 1000	
No. 1	\$ 5 50	\$ 50 00	\$450 00	
No. 1½	4 50	40 00	350 00	
No. 2	2 90	25 00	220 00	
		No. 1	No. 1½	No. 2
Baby Chateau , deep red blooms, one of the best of its type. ...	---	350	60	
Cameo , shell pink and salmon with a glow of gold; blooms continuously.	---	430	130	
Ellen Poulsen , splendid bright rose-pink flowers of large size. 400	850	---		
Else Poulsen , lasting bright rose-pink flowers; semi-double. 970	700	100		
Gloria Mundi , large, fully double, lasting, orange-scarlet, borne in clusters.	---	30	30	
Golden Salmon Supreme , large clusters of striking reddish orange flowers; low growth.	---	700	800	
Gruss an Aachen , large light flesh-pink and salmon-yellow. ...	---	60	200	
Ideal , dark scarlet in immense compact clusters.	---	780	20	
Katherine Zeimet , fragrant, white flowers in large clusters. ...	---	---	350	
Kirsten Poulsen , bright scarlet in clusters on long stems. ...	660	550	100	
Lafayette Improved , large flowers of bright cherry crimson. ...	---	---	150	
Sparkler , a fine, cluster-flowered type, brilliant red flowers. 50	200	150		

CLIMBERS AND RAMBLERS

	Per 10	Per 100	Per 1000
Blaze —See patented roses for price and description.			
Climbing American Beauty , flowers rich red to crimson.			
1100 No. 1	\$ 5 00	\$ 45 00	\$400 00
Crimson Rambler , scarlet crimson flowers in large clusters.			
100 No. 1	4 00	35 00	---
50 No. 1½	2 90	25 00	---
100 No. 2	2 10	18 00	---

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. Temperature and humidity being automatically controlled.

ROSES—(Continued)

CLIMBERS AND RAMBLERS—(Continued)

Excelsa , intense scarlet, large clusters of small flowers.	Per 10	Per 100	Per 1000
500 No. 1	\$ 3 20	\$ 28 00	\$250 00
200 No. 2	1 90	16 00	---

RUGOSA, HYBRIDS AND MISCELLANEOUS

Belle Poitevine , very large, magenta-pink flowers.	Per 10	Per 100	Per 1000
40 18 to 24 in.	5 00	45 00	-----
40 12 to 18 in.	4 00	35 00	300 00
F. J. Grootendorst , small bright red flowers in clusters.			
1000 2 to 3 ft.	6 50	60 00	550 00
900 18 to 24 in.	5 50	50 00	450 00
290 12 to 18 in.	4 50	40 00	350 00
Grootendorst Pink , charming pink variety.			
530 2 to 3 ft.	6 50	60 00	550 00
2000 18 to 24 in.	5 50	50 00	450 00
2400 12 to 18 in.	4 50	40 00	350 00
Grootendorst Supreme , sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.			
540 2 to 3 ft.	6 50	60 00	550 00
550 18 to 24 in.	5 50	50 00	450 00
Hansa , large, double reddish violet flowers, very hardy.			
160 12 to 18 in.	2 90	25 00	-----
Harrison's Yellow , semi-double bright yellow; early.			
30 2 to 3 ft.	6 50	60 00	-----
70 12 to 18 in.	4 50	40 00	-----
Hugonis , early blooming shrub rose; pale yellow; hardy.			
370 2 to 3 ft.	5 50	50 00	450 00
230 18 to 24 in.	4 50	40 00	350 00
145 12 to 18 in.	3 20	28 00	-----
Rugosa Rubra , large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.			
150 2 to 3 ft.	5 00	45 00	-----
140 18 to 24 in.	4 00	35 00	-----
140 12 to 18 in.	2 90	25 00	-----
Sir Thos. Lipton , Snowy white flowers freely produced.			
130 2 to 3 ft.	6 50	60 00	-----
30 18 to 24 in.	5 50	50 00	-----
30 12 to 18 in.	4 50	40 00	-----

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ROSES—(Continued)

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. 10 to 20 at 10 rate; and up at 100 rate—PRICES ARE NET.

	Per 10	Per 100
HYBRID TEA		
American Flagship , Patent No. 676 (Retail \$1.50 each; \$15.00 per doz.) Attractive urn-shaped buds open to high-centered, well-formed double flowers of velvet-textured crimson-red, deeply shaded with rich ox-blood tones. Holds color in sun; does not blue; vigorous grower; free bloomer; attractive foliage; black-spot resistant.		
No. 1	\$ 9 00	\$ 75 00
No. 1½	7 20	60 00
Charlotte Armstrong , Patent No. 455. (Retail \$1.50 each; \$15.00 per doz.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.		
No. 1	9 00	75 00
No. 1½	7 20	60 00
Crimson Glory , Patent No. 105. (Retail \$1.50 each; \$15.00 per doz.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.	9 00	75 00
Douglas MacArthur , Patent No. 581. (Retail price \$1.50 each; \$15.00 per doz.) Known as (The Commander's Rose.) A vigorous American rose that requires no coddling and asks no favors. Strong bushes send up numerous shoots which are loaded with a tremendous quantity of buds. These long graceful tulip-shaped buds open slowly into a glorious flower of rose, gold and salmon beautifully blended. One of the best of the new patented roses.		
No. 1	9 00	75 00
No. 1½	7 20	60 00
Ernie Pyle , Patent No. 673. (Retail \$1.35 each; \$13.50 per doz.) Very free flowering, bears a profusion of warm rose-pink flowers of large size. Very fragrant, vigorous and bushy.	7 50	65 00
J. Horace McFarland , Patent No. 730. (Retail \$1.50 each; \$15.00 per doz.) Named in honor of Dr. J. Horace McFarland of Harrisburg, Pennsylvania. An upright growing vigorous plant producing an abundance of large deep apricot buds opening into beautiful buff-salmon spicily scented blooms of 45 petals. A.A.R.S. award for 1945.	9 00	75 00
Lowell Thomas , Patent No. 595. (Retail \$1.50 each; \$15 per doz.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.		
No. 1½	7 20	60 00
Mme. Chiang Kai-shek , Patent 664. (Retail \$1.50 each; \$15.00 per doz.) An unusually large double high centered 24-30 petaled flower. Color is Empire to lemon yellow turning lighter as the blooms mature on long stems. Buds are very large, long and pointed. Vigorous, upright and compact. Abundant bloomer. A.A.R.S. award for 1944.		
No. 1	9 00	75 00
No. 1½	7 20	60 00

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ROSES—(Continued)

PATENTED ROSES—(Continued)		Per 10	Per 100
Mirandy , Patent No. 632. (Retail \$1.50 each; \$15.00 per doz.) First place winner of All-America rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-Red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.			
No. 1		\$ 9 00	\$ 75 00
No. 1½		7 20	60 00

Peace, Patent No. 591. (Retail \$2.00 each; \$20.00 per doz.) This rose is almost unbelievable. One marvel of it is the dawnlike range of colors through which it passes, from opening yellow buds, with edges picoteed cerise, to the glorious 5-inch, alabaster blooms, each petal edged with pink that seems to deepen as the flower slowly opens. The shades of color vary, also, from flower to flower and through the changing seasons. We find this one of the largest of all Hybrid Tea roses with fine rich green foliage and strong healthy canes. This rose has everything a tea rose could possibly have. A.A.R.S. award for 1946.

SOLD OUT

Pearl Harbor, Patent No. 637. (Retail \$1.50 each; \$15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered.

9 00 75 00

Rubaiyat, Patent No. 758. (Retail \$1.50 each; \$15.00 per doz.) The sole All-America winner for 1947. Long shapely buds. Is a scintillating rose-red or crimson becoming paler in the open bloom and with the reverse side of the petals becoming several shades lighter. Both buds and flowers are extra large. Carry a pronounced and delightful damask-rose fragrance. Blooms from early summer until frost time in the fall.

9 00 75 00

FLORIBUNDA

	Per 10	Per 100
Betty Prior , Patent No. 340. (Retail \$1.00 each; \$10.00 per doz.) Produces large fragrant clusters continuously throughout the season. Opens lively red, turning to shell pink. Desirable for mass planting.	\$ 5 50	\$ 50 00

Pinochio , Patent No. 484. (Retail \$1.25 each; \$12.50 per doz.) A hardy plant producing an abundance of pointed buds of salmon flushed gold, opening to miniature Hybrid Tea-like roses of soft clear pink and in great clusters.	7 00	60 00
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CLIMBERS

	Per 10	Per 100
Blaze , Patent No. 10. (Retail \$1.50 each; \$15.00 per doz.) a hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet-crimson flower.	9 00	75 00

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. Temperature and humidity being automatically controlled.

PEONIES

We are growing the best of the old and many of the recent introductions of exceptionally outstanding merit.

The roots offered are strong 3-to-5 eye divisions, true to name, from healthy three-year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

	Per 10	Per 100
Anna Sass 9.6. Late mid-season. Delicate light pink with an orchid undertone. Very large flowers.	\$ 4 50	\$
Couronne d'Or (Calot 1873) 8.1. White with golden stamens. Mid-season.	4 00	.....
David Harum (Brand) 8.4. Soft Tyrain rose without stamens. Midseason.	6 00	50 00
Delache (Delache 1856) 7.1. Rose type. Dazzling red, profuse bloomer. Late midseason.	3 50	.....
Ella Christiansen (Brand 1925) 9.0. Exceedingly large flowers of a distinct delicate pink; blooms profusely. Mid-season.	12 50	.....
Felix Crousse (Crousse 1881) 8.4. Bright ruby red. Mid-season. ..	4 20	38 00
Francis Willard (Brand 1907) 9.1. Exquisite blush white with occasional carmine touch. Mid-season.	5 00	45 00
Grover Cleveland (Terry 1904) 8.2. Rose type. Very large, full dark crimson blooms. Strong grower. Late midseason.	4 00	.....
Harry L. Richardson , 8.4. Rich, glowing carmine-red of extreme lustre and beauty. Very late.	8 00	.....
Judge Berry (Brand 1907) 8.6. Fine delicate pink. Immense flat flowers. Blooms very early.	5 50	50 00
June Day (Franklin) 9.0 Light rose-pink, fine symmetrical rosebud center. Midseason.	7 00	60 00
Karl Rosenfield (Rosenfield 1890) 8.8. Brilliant dark crimson. Mid-season.	4 00	35 00
LaPerle (Crousse 1885) Soft pink shading to pure white. Mid-season.	4 00	.....
LaRosiere (Crousse 1888) 8.3. Creamy white with prominent stamens. Midseason.	3 50	30 00
Mikado (Barr 1893) 8.6. The guards are velvety crimson enclosing a cushion of crimson petaloids edged gold.	4 00	35 00
Mme. de Verneville (Crousse 1885) 7.9. Pure white, center crimson flecked. Early.	4 00	35 00
Mme. Ducl (Mechin 1830) 7.9. Very large flower of solid silvery lilac-pink or rose. Midseason.	4 00	35 00
Mons. Jules Elie (Crousse 1888) 9.2. Glossy lilac-pink shading to deeper rose at base. Early Mid-season.	6 00	50 00
Mons. Martin Cahuzac (Dessert 1899) 8.8. Dark garnet-purple with black reflexes. One of the darkest peonies. Mid-season.	5 50	50 00
Officinalis Rubra , 8.6. Large blooms of vivid crimson. Very early.	5 00	.....
Philomele (Calot 1861) 7.7. Guard petals bright violet rose anemone center on narrow creamy yellow petals. Midseason.	4 00	35 00
Sarah Bernhardt (Lemoine 1806) 9.0. Flowers of remarkable size in clusters full and double; apple-blossom pink with each petal silver-tipped. Late.	4 00	.....
Walter Faxon (Richardson 1904) 9.3. Uniform bright pink, deepening toward center; delicate and distinct color; very fine. Mid-season.	5 50	50 00

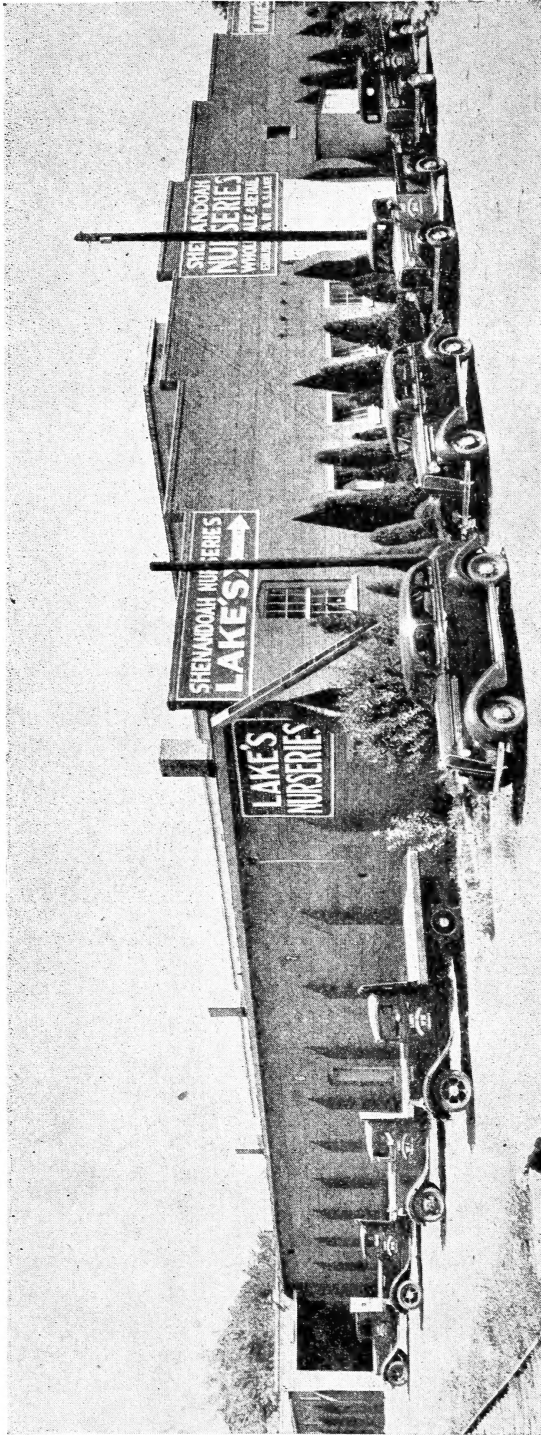
PEONIES—By Color

Pink , Unnamed	3 00	25 00
Red , "	3 00	25 00
White , "	3 00	.....

PERENNIALS
and
SPRING BULBS

We are not offering Perennials and Spring Bulbs in this Bulletin. We hope to be able to publish a special perennial price list as soon as adequate information is available.

ONE OF OUR IMMENSE "FROST PROOF" STORAGES



Our Two Hundred Fifty Carload capacity Storage is classed with the best Nursery Storages in the Country. It is conveniently located so that Railroad Cars and Trucks can be loaded in "above freezing" temperatures in most severe weather. A view of our Nursery Cars and Trucks can be seen in the foreground.

NURSERYMEN'S SUPPLIES

Due to the limited supply, we are not listing our usual line of Nurserymen's Supplies.

BOXING CHARGES

30x30x10	\$7.00	24x24x6	\$4.50
30x30x8	6.00	20x20x10	5.00
30x30x6	5.00	20x20x8	4.50
30x30x5	4.25	20x20x5	3.50
30x30x4	3.60	18x18x10	4.75
24x24x10	6.50	16x16x10	4.25
24x24x8	5.50	12x12x10	3.75

CORRUGATED BOXES

60x16x16	\$1.50	24x15x15	\$.50
48x20x20	1.25	24x12x12 .....	.35
48x16x16	1.00	24x8x8 .....	.25
36x15x15 .....	.60	22x15x22 .....	.50
36x10x12 .....	.75	22x12x12 .....	.35
28x8x8 .....	.25	15x12x10 .....	.25

Bales will be charged at actual cost of the material and labor.

INDEX

	Page		Page
A		M	
Almond	16	Mahaleb	11
Althea	16	Maple	12-14
Ampelopsis	24	Mazzard	11
APPLE	5-6	Mulberry	12-14-25
Apple Seedlings	11	Myrobalan	11
Apricot	8		
Ash	11-13	N	
Asparagus	10	Nectarine	8
B		O	
Barberry	16-25	Olive Russian	15
Bignonia	24	Osage Orange	12
Blackberry	10		
Black Locust	12	P	
Box Elder	11	PEACH	8
Boysenberry	10	Peach Flowering	14
Buckthorn	16	PEAR	7
Butterfly Bush	17	Pear Seedlings	11
Button Bush	17	PEONIES	36
C		Philadelphus (Syringa)	20-21
Caragana	11-25	Physocarpus	21
Catalpa	12	Pine	28-29
Cerhalanthus	17	PLUM	8-9
CHERRY	6-7	Plum Seedlings	11
Cherry Seedlings	11	Polygonum	24
Cornus	17	Poplar	12-14
Crab	5	PRIVET	21
Crab, Misc. and Flowering	13	Prunus	14-15
Crepe Myrtle	18		
Currants	9	Q	
Cydonia	18	Quince Japan Flowering	18
D		R	
Deutzia	18	Raspberry	9
Dewberry	10	Red Bud	15
E		Rhubarb	11
Elder	18	Rhus	22
Elm	12-13	Ribes	22
EVERGREENS	26-29 Incl.	Roses Baby	32
F		Roses Climbing	32-33-35
Fir	26	Roses Floribunda	35
FOREST TREE SEEDLINGS	11-12	Roses H. P.	32
Forsythia	18	Roses H. T.	30-31
FRUIT TREE SEEDLINGS	11	Roses Miscellaneous	33
G		Roses Patented	34-35
Grapes	10	Roses Rugosa	33
H		S	
HEDGING	25	SEEDLINGS, FOREST TREE	11-12
Honey Locust	12	SEEDLINGS, FRUIT TREE	11
Honeysuckle	19-24	Snowball (See Viburnum)	23
Horse Radish	10	Snowberry	23
Hydrangea	19	SPIREA	22-23
I		Spruce	28
Ivy	24	Sumac	22
J		Symphoricarpos	23
Juniper	26-28 Incl.	T	
L		Tamarix	23
Lilac	20	Taxus	29
Locust	12	Thorn	15
M		True Hedge Columnberry	16
N		V	
O		Viburnum	23
P		VINES	24
Q		Vitex	23
R		W	
S		Walnut	12
T		Weigela	24
V		Willow	12-15
W		Wisteria	24