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62.27

# *The Shenandoah Nurseries*

(LAKES)

Shenandoah, Iowa

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U. S. Department of Agriculture

# BULLETIN No. 1



FEBRUARY 21, 1955



ORDER TODAY  
LONG DISTANCE PHONES  
406 - 407

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A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK  
FOR OVER 84 YEARS

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## 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 (except patented roses), Vines, **PERENNIALS** (including **PEONIES** and **LILIES**). **FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.**

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 (except Patented Varieties) 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, HEDGING, 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.**

**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 conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

**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 and will not be in any way responsible for the results secured in transplanting. 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, Pres.; W. H. THOMAS, Sales Dept.



Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

Due to limited quantities of most varieties and grades in all fruit trees, kindly advise if you will approve grade substitutions when necessary.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle

## APPLE and CRAB

			Per 10	Per 100	
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.			\$ 7 50	\$ 70 00	
" " " 4 " " " 9/16 to 11/16 in.			6 50	60 00	
" " " 3 " " " 7/16 to 9/16 in.			5 50	50 00	
" " " 2 " " " 5/16 to 7/16 in.			4 20	37 00	
" " " 5 " " " 7/8 in and up.			8 50	80 00	
	7/8" and up	11/16- 7/8"	9/16- 11/16"	7/16- 9/16"	5/16- 7/16"
Baldwin	50	---	60	---	---
Beacon	---	---	250	60	---
Cortland	60	---	---	50	20
Delicious Dark Red	100	300	---	---	---
Delicious Yellow	230	---	60	---	---
Dolgo	20	90	180	180	---
Duchess Dark Red	---	---	---	---	100
Early Harvest	---	150	230	120	20
Fameuse	---	---	120	30	---
Fireside	---	---	---	---	60
Grimes Golden	---	---	500	120	230
Hibernal	---	250	210	170	---
Ingram	---	---	200	50	---
Jonathan Dark Red	---	---	---	700	1800
Lodi	---	---	520	280	190
Maiden Blush	---	290	90	80	50
McIntosh Dark Red	---	20	---	120	320
McIntosh Early	---	---	40	60	---
Melba	---	---	---	90	40
Minjon	---	---	---	400	---
N. W. Greening	50	120	---	50	50
Prairie Spy	---	---	50	---	50
Red June	---	---	---	40	40
Redwell	---	---	60	---	---
Roman Stem	---	---	150	---	70
Rome Beauty Red	20	---	---	---	120
Staymen's Red	320	60	---	70	90
Tolman Sweet	---	230	180	140	30
Turley	---	80	50	30	70
Virginia Crab	200	500	160	130	50
Whitney	130	---	250	40	100
Winesap Dark Red	---	30	590	200	100
Winesap Crimson	---	---	---	20	50
Yellow Horse	---	140	---	---	---
Yellow Transparent	---	---	440	70	---
5-N-1	---	550	120	120	---

## APPLE - WHIPS

Sturdy trees, graded by height as well as caliper.

	Per 10	Per 100
3 to 4 ft., whips	\$ 4 50	\$ 40 00
2 to 3 ft. "	3 50	30 00
18 to 24 in. "	2 50	22 00
	3/4'	2/3'
Anoka	30	100
Beacon	60	30
Cortland	60	150
Delicious Dark Red	200	650
Delicious Yellow	---	400
Dolgo	80	70
Duchess Dark Red	20	70
Early Harvest	70	40
Fameuse	20	---
Fireside	---	30
Grimes Golden	420	370
Hibernal	20	70
Ingram	100	20
Jonathan Dark Red	---	380
Lodi	---	70
Maiden Blush	20	20
McIntosh Dark Red	---	330
McIntosh Early	20	---
Melba	20	30
Minjon	50	90
N. W. Greening	---	110
Prairie Spy	20	30
Red June	130	30
Roman Stem	40	---
Rome Beauty Red	---	50
Staymen's Red	200	80
Tolman Sweet	90	50
Turley	300	90
Wealthy	90	200
Whitney	50	200
Winesap Dark Red	140	60
Winesap Crimson	120	---
Yellow Transparent	---	180

## METEOR CHERRY No. 66

## One Year

Similar to Montmorency in size Introduced 1950 by Minn. Agri. Experimental Station. Exceptionally hardy. Strong and vigorous grower. Fruit large attractive clear light bright red; the skin is thin and tender. Flesh light bright yellow, medium firm and medium juicy.

	Per 10	Per 100
980 11/16 in and up	\$12 00	\$110 00
40 9/16 to 11/16 in.	10 00	---
130 1 in.	13 50	---

↓ **FRUIT-MOR-ENCY**

This vastly improved strain of Montmorency was developed in Fruitland, Idaho. The outstanding characteristics of this strain are its semi-dwarf habit of growth and the larger fruit which is produced more abundantly than other strains.

Two Year on Mahaleb

			Per 10	Per 100
200	3½ ft. and up	11/16 in. and up	\$11 00	\$100 00
500	3 " " "	9/16 to 11/16 in.	10 00	90 00
350	2½ " " "	7/16 to 9/16 in.	7 50	70 00
50	2 " " "	5/16 to 7/16 in.	6 50	-----

**CHERRY—SOUR**

Two Year on Mahaleb

			Per 10	Per 100
4	Ft. and up,	11/16 to 1 in.	\$11 00	\$100 00
3½	" " "	9/16 to 11/16 in.	9 00	85 00
3	" " "	7/16 to 9/16 in.	7 50	-----

	1"	11/16-1"	9/16-11/16	7/16-9/16"
Early Richmond	200	100	400	50
English Morelo	100	170	300	20
Montmorency	1000	300	150	60

**CHERRY—SWEET**

One and Two Year

Please specify age.

			Per 10	Per 100
4½	ft. and up,	11/16 and up, mostly branched	\$13 00	\$120 00
4	" " "	9/16 to 11/16 in., mostly branched	11 00	100 00
3	" " "	7/16 to 9/16 in., whips and lightly br.	8 50	80 00
2½	" " "	5/16 to 7/16 in., mostly whips	6 00	55 00

11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"

Bing	-----	80	-----	-----
Black Tartarian	-----	700	700	80
Kansas Sweet	350	990	150	40
Napoleon	170	230	150	130
Schmidt's	170	20	40	30
Seneca	30	50	-----	-----
Yellow Glass	40	290	-----	-----

↓ **HANSEN BUSH CHERRY**

(Prunus Besseyi Improved)

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

		Per 10	Per 100
280	2 to 3 ft., transplants	\$ 2 90	\$ 25 00
150	18 to 24 in., transplants	2 40	20 00
50	12 to 18 in., transplants	1 80	16 00

**PEAR STANDARD**

		Per 10	Per 100
Two Year,	5 ft. and up, 7/8 in and up	\$ 9 50	\$ 90 00
" " "	4½ " " " 11/16 to 7/8 in.	8 50	80 00
" " "	4 " " " 9/16 to 11/16 in.	7 50	70 00
" " "	3 " " " 7/16 to 9/16 in.	6 00	55 00
" " "	2 " " " 5/16 to 7/16 in.	4 00	35 00

	11/16"	9/16"	7/16"	5/16"
Bantam	-----	90	-----	30
Bartlett	380	300	-----	-----
Clapp's Favorite	200	20	20	-----
Cope's Seedless	1000	-----	-----	-----
Douglas	500	-----	-----	-----
Kieffer	800	-----	-----	-----
Orient	165	-----	-----	-----
Seckel	2500	70	100	60

## PEACH—One Year

			Per 10	Per 100	
4½ ft. and up, 11/16 in. and up	-----		\$ 7 50	\$ 70 00	
4 " " " 9/16 to 11/16 in.	-----		6 50	60 00	
3 " " " 7/16 to 9/16 in.	-----		5 00	45 00	
2 " " " 5/16 to 7/16 in.	-----		3 80	33 00	
		11/16 & up	9/16-11/16"	7/16-9/16"	5/16-7/16"
↘ Belle of Georgia	-----	20	-----	20	-----
↘ Champion	-----	390	170	-----	-----
↘ Early Crawford	-----	-----	-----	200	90
↘ Elberta	-----	200	-----	700	-----
↘ Hale Haven	-----	2000	-----	650	100
↘ Heath Cling	-----	260	-----	90	50
↘ Indian Cling	-----	70	-----	-----	50
↘ J. H. Hale	-----	30	-----	70	-----
↘ Osage	-----	240	-----	40	-----
↘ Polly	-----	100	-----	-----	-----
↘ Red Haven	-----	-----	-----	1400	70
↘ Rochester	-----	380	20	160	-----
↘ South Haven	-----	450	20	180	-----
↘ Valiant	-----	-----	-----	150	90

## ↘ FERTILE HALE PEACH

## Patent No. 175

An improved Hale type peach which is self fertile requiring no cross pollination. Hardier and more vigorous than J. H. Hale or Elberta. Fruit is yellow with deep carmine blush, ripens with last of Elbertas. An outstanding commercial variety. Frequently brings premium market prices. Excellent shipper.

Suggested retail price 10c per tree higher than unpatented varieties

			Per 10	Per 100
350 4½ ft. and up, 11/16 in. and up	-----		\$ 8 00	\$ 75 00
90 4 " " " 9/16 to 11/16 in.	-----		7 00	65 00
70 3 " " " 7/16 to 9/16 in.	-----		5 50	50 00
70 2 " " " 5/16 to 7/16 in.	-----		4 50	40 00

## PLUM

## EUROPEAN and JAPANESE

(On Myrobolan)

			Per 10	Per 100	
4½ ft. and up, 11/16 in. and up	-----		\$ 9 00	\$ 85 00	
4 " " " 9/16 to 11/16 in.	-----		8 00	75 00	
3 " " " 7/16 to 9/16 in.	-----		6 50	50 00	
2 " " " 5/16 to 7/16 in.	-----		4 50	40 00	
		11/16"	9/16"	7/16"	5/16"
↘ Abundance	-----	160	500	140	50
↘ Burbank	-----	180	1000	1100	470
↘ Fellenberg	-----	30	320	110	-----
↘ Lombard	-----	-----	-----	40	-----
↘ Red June	-----	-----	300	120	60
↘ Reine Claude	-----	-----	200	240	270
↘ Shropshire Damson	-----	-----	250	100	190
↘ Stanley Prune	-----	-----	-----	600	150



**PLUM—One Year**  
**AMERICAN and HARDY HYBRIDS**

(On Native Roots)

			Per 10	Per 100
4½ ft. and up, 11/16 in. and up			\$ 9 00	\$ 85 00
4 " " " 9/16 to 11/16 in.			8 00	75 00
3 " " " 7/16 to 9/16 in.			6 50	60 00
2 " " " 5/16 to 7/16 in.			4 50	40 00
	11/16"	9/16"	7/16"	5/16"
✓ Allred	100	80	60	20
✓ Compass		20	120	
✓ Ember	100	380	70	
✓ Hanska			50	390
✓ Kahinta	30	40	100	
✓ Opata			30	40
✓ Pipestone				30
✓ Sapa			60	70
✓ Toka		70	30	
✓ Underwood	90		90	30
✓ Waneta			400	70

**NECTARINE**

			Per 10	Per 100
4 ft. and up, 11/16 to 1 in.			\$11 00	\$100 00
3½ " " " 9/16 to 11/16 in.			9 00	85 00
3 " " " 7/16 to 9/16 in.			7 00	65 00
2 " " " 5/16 to 7/16 in.			5 00	45 00
	11/16"	9/16"	7/16"	5/16"
✓ Hunter	100	90	40	
✓ Sure Crop	700	60	200	80

**CURRENTS**

Tied, No. 1, 25; No. 2, 50 per Bundle

Per 100

300	✓ Cherry, dark red, 2 yr. No. 1	\$16 00
300	" " " 2 yr. No. 2	12 00
	✓ Red Lake, the light red berries are in long clusters; thrifty and extremely productive.	
500	2 yr. No. 1	19 00
250	2 yr. No. 2	14 00

**GOOSEBERRIES**

Tied 25 per Bundle

	✓ Champion, a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale green.	Per 100
100	2 yr. No. 2	\$25 00
700	✓ Downing, pale green, 2 yr. No. 1	30 00
300	" " " 2 yr. No. 2 or 1 yr. No. 1	25 00
500	✓ Houghton, dark red, 2 yr. No. 1	25 00
100	" " " 2 yr. No. 2 or 1 yr. No. 1	20 00

**BLACKBERRIES**

Tied 25 per Bundle

		Per 100	Per 1000
2500	✓ Alfred, No. 1 Early, large fruit. long bearing.	\$ 5 60	\$ 50 00
2500	✓ Eldrado, No. 1 Early midseason. Excellent quality.	5 60	50 00

## RASPBERRIES

		Tied 25 per Bundle	Per 100	Per 1000
15000	↘	<b>Bristol</b> , black tips.....	\$ 7 00	\$ 65 00
		<b>Chief</b> , a Latham seedling; finest early red; heavy producer.		
1500	↘	No. 1 Suckers .....	8 00	75 00
10000	↘	<b>Cumberland</b> , most widely planted blackcap raspberry.		
		Tips .....	6 50	60 00
		<b>Indian Summer</b> , (Red Everbearing), a superior new everbearing variety; large, of high quality.		
4000	↘	No. 1 Suckers .....	8 50	80 00
		<b>Latham</b> , a large productive red variety, always in demand		
13000	↘	No. 1 Suckers .....	8 00	75 00
		<b>Morrison</b> , a new blackcap, much larger than Cumberland Vigorous, disease resistant.		
2500	↘	Tips .....	7 00	65 00
		<b>Sodus</b> , a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries		
10000	↘	No. 1 Tips .....	7 00	65 00

## GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 Bundle.

			Per 100	Per 1000
200	↘	<b>Agawam</b> , 2 yr. No. 1.....	\$18 00	\$150 00
50	↘	<b>Beta, Black</b> , 2 yr. No. 1 .....	18 00	150 00
150	↘	" " 2 yr. No. 2 or 1 yr. No. 1 .....	14 00	120 00
		<b>Caco</b> , red grape, large fruit, delicious spicy flavor. Bears young heavily and regularly. Ripens first of Sept.		
900	↘	2 yr. No. 1 .....	22 00	200 00
1800	↘	2 yr. No. 2 or 1 yr. No. 1 .....	18 00	160 00
5000	↘	<b>Concord</b> , black, 2 yr. No. 1 .....	14 00	120 00
5000	↘	" " 2 yr. No. 2 or 1 yr. No. 1 .....	10 00	90 00
1500	↘	<b>Delaware</b> , red, 2 yr. No. 1 .....	22 00	200 00
200	↘	" " 2 yr. No. 2 or 1 yr. No. 1 .....	18 00	160 00
		<b>Fredonia</b> , earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
500	↘	2 yr. No. 1 .....	18 00	150 00
		<b>Golden Muscat</b> , large golden grape of California type; very sweet; large bunches, Hardy in Middle West.		
1000	↘	2 yr. No. 1 .....	60 00	-----
600	↘	2 yr. No. 2 or 1 yr. No. 1 .....	50 00	-----
200	↘	<b>Moore's Early</b> , black 2 yr. No. 1 .....	19 00	160 00
100	↘	" " 2 yr. No. 2 or 1 yr. No. 1 .....	15 00	130 00
3500	↘	<b>Niagara</b> , white, 2 yr. No. 1 .....	18 00	150 00
1000	↘	" " 2 yr. No. 2 or 1 yr. No. 1 .....	14 00	120 00
		<b>Portland</b> , earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
800	↘	2 yr. No. 1 .....	22 00	200 00
200	↘	2 yr. No. 2 or 1 yr. No. 1 .....	18 00	160 00
200	↘	<b>Seneca</b> , 2 yr. No. 1 .....	40 00	-----
		<b>Sheridan</b> , black. Ripens one week later than Concord; better flavor; and excellent keeper.		
100	↘	2 yr. No. 1 .....	22 00	-----
1800	↘	2 yr. No. 2 or 1 yr. No. 1 .....	18 00	-----
200	↘	<b>Van Buren</b> , 2 yr. No. 1 .....	40 00	-----

## MISCELLANEOUS

		Per 100	Per 1000
10000	Asparagus, Martha Washington, 2 yr. No. 1	\$ 2 50	\$ 22 00
15000	" " " 1 yr. No. 1	1 80	15 00
1000	Boysenberry, Tip plants	6 50	60 00
1500	Dewberry Lucretia, R. C. plants No. 1	5 00	45 00
8000	Rhubarb, Victoria, Whole roots, 2 yr. 1 to 1½ in.	6 50	60 00
5000	" " " " 1 yr. ¾ to 1 in.	5 00	45 00
1000	" " " " 1 yr. ½ to ¾ in.	4 00	35 00

## ROSE STOCKS

## Multiflora Japonica

Thorny Multiflora Japonica seedlings for spring shipment. Well adapted for hardiness and hedge fences.

		Per 100	Per 1000
3000	¼-inch and up	\$ 5 00	\$ 45 00
5000	No. 2, 2/16 to 3/16 in.	3 20	28 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.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

## CARAGANA arborescens, (Siberian peashrub)

		Per 100	Per 1000
10000	6 to 12 in.	\$ 2 10	\$ 18 00
2000	12 to 18 in.	3 50	30 00
4000	18 to 24 in.	4 50	40 00
10000	2 to 3 ft.	6 00	55 00
2000	3 to 4 ft.	9 00	80 00

## CATALPA speciosa, (Western Catalpa)

7000	6 to 12 in.	1 20	10 00
3900	12 to 18 in.	1 90	15 00
6000	2 to 3 ft.	4 00	35 00
500	3 to 4 ft.	5 60	50 00

## CHINESE CHESTNUT, Castanea Mollissima

400	6 to 12 in.	5 00	40 00
150	18 to 24 in.	11 00	100 00
350	2 to 3 ft.	14 00	125 00

## ELM, American, (Ulmus americana)

5000	6 to 12 in.	1 20	10 00
1000	12 to 18 in.	1 90	16 00
2000	18 to 24 in.	2 60	22 00

## ELM, Chinese, (Ulmus pumila)

8000	18 to 24 in.	2 90	25 00
5000	2 to 3 ft.	4 50	40 00
3000	3 to 4 ft.	7 50	65 00
5000	4 to 5 ft.	11 00	100 00
500	6 to 8 ft.	29 00	250 00

## HONEY LOCUST, Gleditsia triacanthos

500	12 to 18 in.	1 90	15 00
500	18 to 24 in.	2 50	22 00
400	2 to 3 ft.	4 00	35 00

## LOCUST, Black, (Robinia pseudoacacia)

800	12 to 18 in.	1 70	14 00
1500	4 to 5 ft.	5 60	50 00

## FOREST TREE SEEDLINGS—Continued

		Per 100	Per 1000
<b>MAPLE, Silver, (<i>Acer dasycarpum</i>)</b>			
6000	2 to 3 ft.	\$ 6 50	\$ 60 00
<b>OAK, Pin, (<i>Quercus palustris</i>)</b>			
500	2 to 3 ft.	13 50	120 00
1000	3 to 4 ft.	16 50	140 00
<b>OSAGE ORANGE, <i>Maclura Pomifera</i></b>			
1000	6 to 12 in.	1 20	10 00
4800	12 to 18 in.	1 80	15 00
3000	18 to 24 in.	2 40	20 00
500	2 to 3 ft.	2 90	26 00
<b>RUSSIAN OLIVE, (<i>Elaeagnus angustifolia</i>)</b>			
3000	6 to 12 in.	2 40	20 00
3000	2 to 3 ft.	7 50	65 00
2000	3 to 4 ft.	10 00	90 00
1000	4 to 5 ft.	16 00	140 00
<b>WALNUT, Black, (<i>Juglans nigra</i>)</b>			
3000	2 to 3 ft.	7 00	60 00
9000	3 to 4 ft.	10 00	90 00
4000	4 to 5 ft.	14 00	120 00

## ONE YEAR FROM CUTTINGS

		Per 100	Per 1000
<b>POPLAR (<i>Populus</i>)</b>			
<b>Lombardy and Volga</b>			
250	2 to 3 ft., whips	\$ 6 00	\$ 50 00
150	3 to 4 ft., whips	8 50	75 00
1300	4 to 5 ft., lightly branched	11 00	100 00
3000	5 to 6 ft., lightly branched	15 00	140 00
<b>WILLOW, (<i>Salix</i>)</b>			
<b>Niobe, (Golden Weeping)</b>			
800	18 to 24 in.	2 10	18 00
2500	2 to 3 ft.	7 00	60 00
700	3 to 4 ft.	8 50	75 00
<b>Pussy, French</b>			
1200	12 to 18 in.	2 40	18 00
<b>Russian Golden</b>			
600	18 to 24 in.	2 60	22 00
1000	2 to 3 ft.	4 00	35 00
<b>Wisconsin (<i>blanda</i>)</b>			
400	2 to 3 ft.	7 00	60 00
1500	3 to 4 ft.	8 50	75 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, ( <i>pennsylvanica lanceolata</i> ). 50-60 ft	Per 10	Per 100
Shapley, round-headed trees with slender, spreading branches. Hardy.		
20 3 to 4 ft.-----	\$ 5 00	\$-----
90 4 to 5 ft.-----	8 00	-----
50 6 to 8 ft.-----	15 00	-----

BIRCH (*Betula*)

cut leaf weeping, (*pendula gracilis*). 30-40 ft.

Deeply cut leaves on graceful, drooping branches; silvery white bark. Most effective as a specimen lawn tree, or a group planting.

20 4 to 5 ft.-----	14 00	125 00
110 6 to 8 ft.-----	22 00	200 00
50 8 to 10 ft.-----	30 00	275 00

## European White

90 4 to 5 ft.-----	8 00	75 00
30 5 to 6 ft.-----	12 00	110 00
90 6 to 8 ft.-----	15 50	140 00
100 8 to 10 ft.-----	22 00	200 00

## European White, clump form. 20-25 ft.

50 5 to 6 ft., 2 and 3 stem-----	15 00	-----
50 6 to 7 ft. 2 and 3 stem-----	20 00	-----

CRAB FLOWERING (*Malus*)

## Almey Crab

Large blooms of glistening red petals with white markings at base. Scarlet fruits are retained until spring.

500 4 to 5 ft.-----	18 00	160 00
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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.

20 18 to 24 in.-----	5 00	-----
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## Bechtel, Improved

70 5 to 6 ft.-----	19 00	175 00
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CRAB, FLOWERING (*Malus*)

3 to 4 ft.-----	8 50	80 00
4 to 5 ft.-----	12 00	110 00
5 to 6 ft.-----	15 00	135 00

	5/6'	4/5'	3/4'	2/3'
Jay Darling, pink buds and single white flowers purplish-red fruits-----	30	-----	-----	-----

## niedzwetzkyana, (Redvein Crab).

Large deep pink flowers; red bark, leaves and fruit-----

20	-----	-----	-----
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Parkman, (*haliana parkmani*).

Semi-double, pink flowers on long stems.  
Compact habit of growth. Dwarf April-May

20	-----	-----	-----
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## Red Silver. 25-30 ft.

Crimson flowers. Cut-leaved, maroon red and silver foliage, bright red fruit.-----

160	100	60	60
-----	-----	----	----

## Wabiskaw

Single and semi-double purplish red flowers,  
red fruit. Upright in habit, foliage red in  
autumn. May 1 bloomer.-----

20	-----	-----	-----
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## Zumi Calocarpa. Bob White.

Pink buds and single white flowers. Bright  
red to orange fruit all winter.-----

130	-----	-----	-----
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## ORNAMENTAL and SHADE TREES — Continued

✓ **CRAB, 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.

	Per 10	Per 100	Per 1000
2000 5 to 6 ft., tree form.....	\$12 00	\$110 00	\$1000 00

**ELM (ULMUS)****American White, (americana). 60-100 ft.**

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

300 3 to 4 ft.....	2 90	25 00	220 00
760 4 to 5 ft.....	4 50	40 00	370 00
1040 5 to 6 ft.....	7 00	65 00	600 00
690 6 to 8 ft.....	11 00	100 00	900 00
580 8 to 10 ft.....	16 50	150 00	1400 00
50 1 to 1½ in. caliper.....	22 00	200 00	-----

**Chinese (Ulmus pumila). 40-50 ft.**

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

2250 4 to 5 ft.....	4 00	35 00	300 00
1500 5 to 6 ft.....	6 50	60 00	550 00
140 6 to 8 ft.....	10 00	90 00	800 00
3040 8 to 10 ft.....	14 00	120 00	1100 00
480 1¼ to 1½ caliper.....	22 00	200 00	-----

**Moline. 80-100 ft.**

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

50 4 to 5 ft.....	8 00	75 00	-----
600 8 to 10 ft.....	22 00	200 00	-----
100 1¼ to 1½ in., caliper.....	30 00	275 00	-----

**HONEYLOCUST, Common.**

40 3 to 4 ft.....	2 50	20 00	-----
100 4 to 5 ft.....	5 00	45 00	-----
100 5 to 6 ft.....	8 00	70 00	-----
150 6 to 8 ft.....	11 00	100 00	-----
70 8 to 10 ft.....	15 00	135 00	-----

**HONEYLOCUST, Thornless (Gleditsia triacanthos inermis). 50-60 ft.**

Fragrant white blooms in May. Succeeds on most kinds of soil. Without thorns.

130 8 to 10 ft.....	22 50	200 00	-----
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**CRIMSON KING MAPLE**

(*Acer Platanoides schwedleri nigra*)

Plant Patent No. 735

Improved form of Schwedleri Maple. Slower grower with richer purple foliage throughout the season. Perfectly hardy.

	10-49 each	50-100 each
20 5 to 6 ft., whips.....	\$ 2 10	\$ 1 80
260 6 to 7 ft., whips.....	2 60	2 30
400 7 to 8 ft., whips.....	3 15	2 85
90 8 to 9 ft., whips.....	3 65	3 35

**MAPLE (Acer)****Norway**

	Per 10	Per 100	Per 1000
20 4 to 5 ft., whips.....	\$ 5 50	\$-----	\$-----
1000 5 to 6 ft., whips.....	8 00	75 00	-----
60 6 to 8 ft., branched.....	25 00	-----	-----

## ORNAMENTAL and SHADE TREES—Continued

**schwedleri (Purple Leaf Maple) 40-50 ft.**

A perfectly shaped tree. Gleaming red and purplish-green in mid-summer and in Autumn golden yellow.

	Per 10	Per 100	Per 1000
700 4 to 5 ft., whips	\$11 00	\$100 00	\$-----
300 5 to 6 ft., whips	15 00	135 00	-----
20 5 to 6 ft., branched	16 50	-----	-----
200 6 to 7 ft., whips	19 00	175 00	-----
620 7 to 8 ft., branched	25 00	225 00	-----
30 8 to 10 ft., branched	32 50	-----	-----

**silver or soft (dasycarpum) 60-80 ft.**

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

800 3 to 4 ft.	4 00	35 00	300 00
600 4 to 5 ft.	5 50	50 00	450 00
1500 5 to 6 ft.	8 00	75 00	700 00
100 6 to 8 ft.	14 00	125 00	-----
150 8 to 10 ft.	19 00	175 00	-----

**MOUNTAIN ASH (SORBUS)****European (aucuparia) 20-40 ft.**

Smooth bark and dense pyramidal heads, berry clusters are large and bright.

75 6 to 8 ft.	22 50	-----	-----
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**POPLAR****Bolleana (alba bolleana) 50-60 ft.**

A quick growing columnar tree with silver like foliage.

400 4 to 5 ft.	5 50	50 00	-----
800 5 to 6 ft.	8 50	80 00	-----
90 6 to 8 ft.	14 00	125 00	-----
40 8 to 10 ft.	16 50	-----	-----
5 1¼ to 1½ in.	19 50	-----	-----
5 1½ to 2 in.	22 50	-----	-----
15 2½ to 3 in.	30 00	-----	-----

**Carolina (Norway variety) 70-80 ft.**

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

60 3 to 4 ft.	2 90	25 00	-----
60 4 to 5 ft.	3 50	30 00	-----
220 5 to 6 ft.	4 50	40 00	-----
450 6 to 8 ft.	6 50	60 00	-----
680 8 to 10 ft.	8 50	80 00	-----
200 1¼ to 1½ in.	11 00	100 00	-----
130 1½ to 2 in.	9 00	95 00	-----

**cottonwood, cottonless, 75-100 ft.**

Much preferred over the common species of western cottonwood because it does not develop seeds.

20 1½ to 2 in.	18 00	-----	-----
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**lombardy, (nigra italica) 50-60 ft.**

Rapid spire-like growth; fine for screens and formal planting.

550 4 to 5 ft.	2 50	21 00	190 00
30 8 to 10 ft., low branched	6 00	55 00	500 00
1600 1¼ to 1½ in., low branched	7 00	65 00	600 00
480 1½ to 2 in., " "	10 00	90 00	-----

**simoni, Chinese Poplar. 40-50 ft.**

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.

30 4 to 5 ft.	4 00	35 00	-----
140 5 to 6 ft.	6 50	60 00	-----
290 6 to 8 ft.	9 00	85 00	-----
200 8 to 10 ft.	14 00	125 00	-----

**PRUNUS (PLUM)****Tree and Bush forms**

(On plum or peach roots. Specify choice.)

All varieties of Prunus are offered on plum or peach roots excepting Prunus Persica varieties. All varieties of Prunus (excepting Prunus Persica varieties) are available at 5c per plant less than the prices shown below if ordered on peach roots. **PLEASE BE SURE TO SPECIFY PREFERENCE.**

<b>Newport (Purple-leaved Plum)</b>		Per 10	Per 100	Per 1000
A large shrub with upright growth, purplish red foliage. Hardy.				
700	2 to 3 ft.	\$ 8 00	\$ 75 00	\$700 00
1500	3 to 4 ft.	11 00	100 00	900 00
1500	4 to 5 ft.	14 00	125 00	1100 00
1200	5 to 6 ft.	15 00	135 00	1250 00

<b>Persica (Flowering Peach on peach roots) (Tree Form) 15-18 ft.</b>				
2	to 3 ft.	4 50	40 00	-----
3	to 4 ft.	6 50	60 00	-----
4	to 5 ft.	9 00	85 00	750 00
5	to 6 ft.	12 00	100 00	900 00

		5/6'	4/5'	3/4'	2/3'
<b>Cardinal</b>	-----	760	-----	-----	50
<b>Iceberg</b>	-----	490	180	40	-----
<b>Peppermint Stick</b>	-----	450	110	170	30
<b>Pink Charming</b>	-----	460	-----	90	50

<b>pissardi rosea. 10 ft.</b>				
Deep bronzy purple foliage, holding its deep purplish red shade, almost black throughout the summer. Completely covered with pink single flowers in spring. A new introduction recently imported from England.				
90	2 to 3 ft.	8 00	75 00	-----
120	3 to 4 ft.	11 00	100 00	-----
165	4 to 5 ft.	14 00	125 00	-----

<b>Rutger's Red Leaved Flowering Peach</b>				
Attractive red foliaged tree with showy single pink flowers followed by red, white fleshed fruit of medium size.				
50	3 to 4 ft.	9 00	80 00	-----
110	5 to 6 ft.	14 00	125 00	-----

<b>thundercloud. 20 ft.</b>				
The finest of all purple leaf plums. Very hardy.				
30	18 to 24 in.	6 50	60 00	-----
90	4 to 5 ft.	14 00	125 00	-----
110	5 to 6 ft.	20 00	-----	-----

<b>tomentosa</b>				
White flowers before leaves appear. Very showy.				
400	2 to 3 ft.	5 50	50 00	-----
200	3 to 4 ft.	8 00	75 00	-----

<b>triloba (Double Flowering Plum), 8-10 ft.</b>				
Known also as the "Rose Tree of China". One of the finest shrubs; completely covered with pink rose like flowers in April and May.				
600	18 to 24 in.	6 50	60 00	550 00
6000	2 to 3 ft.	8 00	75 00	700 00
2000	3 to 4 ft.	11 00	100 00	900 00

<b>RED BUD, Cercis canadensis. 20-30 ft.</b>				
Very attractive, rosy pink almost red flowers in April.				
30	2 to 3 ft., tree form	5 50	-----	-----
20	3 to 4 ft., tree form	8 50	-----	-----
1850	12 to 18 in., shrub form	2 90	25 00	-----
1650	18 to 24 in., " "	4 00	35 00	-----
1090	2 to 3 ft., " "	5 50	50 00	-----
360	3 to 4 ft., " "	8 50	80 00	-----
40	4 to 5 ft., " "	14 00	125 00	-----



## ORNAMENTAL and SHADE TREES—Continued

**RUSSIAN OLIVE, (*Elaeagnus angustifolia*) 20-25 ft. Per 10 Per 100 Per 1000**

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

20	2 to 3 ft.	\$ 5 00	\$-----	\$-----
40	6 to 8 ft.	14 00	-----	-----

**SYCAMORE (*Platanus occidentalis*). 100-130 ft.**

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

180	3 to 4 ft.	6 50	60 00	-----
50	4 to 5 ft.	8 50	80 00	-----
60	6 to 8 ft.	16 50	150 00	-----
130	8 to 10 ft.	22 00	200 00	-----

**WILLOW (*Salix*)****laurel leaf, *Salix pentandra*. 30-40 ft.**

Hardy upright grower with large, dark green leaves.

140	4 to 5 ft.	4 50	40 00	-----
240	5 to 6 ft.	6 50	60 00	-----
20	6 to 8 ft.	15 00	135 00	-----

**niobe (Golden Weeping) 30-35 ft.**

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

640	2 to 3 ft.	2 40	20 00	-----
180	4 to 5 ft.	4 50	40 00	-----

**Pussy Willow**

440	18 to 24 in.	2 50	22 00	200 00
1800	2 to 3 ft.	3 50	30 00	250 00
2000	3 to 4 ft.	4 50	40 00	350 00

**French Pussy Willow**

A fine cultivated French variety having long catkins. Commonly used in flower shops for decorations.

50	18 to 24 in.	2 50	-----	-----
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**Russian Golden (*vitellina aurea*). 25-30 ft.**

Extremely hardy. One of the most wind-resisting windbreak trees.

330	3 to 4 ft.	2 10	18 00	-----
80	4 to 5 ft.	3 50	30 00	-----

**BOXING CHARGES**

30x30x10	-----	\$7 00	24x24x6	-----	\$4 50
30x30x8	-----	6 00	20x20x10	-----	5 00
30x30x6	-----	5 00	20x20x8	-----	4 50
30x30x5	-----	4 50	20x20x5	-----	3 75
30x30x4	-----	3 50	18x19x10	-----	5 50
24x24x10	-----	6 00	16x16x10	-----	4 25
24x24x8	-----	5 50	12x12x10	-----	3 50

**CORRUGATED BOXES**

72x20x20	-----	\$2 75	48x20x20	-----	\$1 25
60x20x20	-----	1 75	36x20x20	-----	1 00

**BASKETS**

1 bushel	-----	\$ .50	½ bushel	-----	\$ .35
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Bales will be charged at actual cost of the material and labor.

**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. **We do not break bundles.**

**ABELIA grandiflora**

Shell-pink, attractive, bell-shaped flowers among glossy foliage throughout entire summer.

		Per 10	Per 100	Per 1000
40	18 to 24 in.	\$10 00	\$-----	\$-----
100	3 to 4 ft.	15 00	-----	-----

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

Large desirable shrub for group and specimen planting, also used for screens.			
9	to 12 in.	1 40	11 00 90 00
12	to 18 in.	1 90	16 00 140 00
18	to 24 in.	2 60	22 00 200 00
2	to 3 ft.	3 20	30 00 -----
3	to 4 ft.	4 00	40 00 -----

	3/4'	2/3'	18/24"	12/18"	9/12"
Anemoneflorus, double, bright-pink	90	80	220	470	-----
Ardens, double purple	-----	50	35	30	-----
Boule De Feu, double purplish-red	30	20	800	190	-----
*Colletis, single, blue	-----	-----	50	760	635
Jeanne De Arc, double, pure white	-----	110	2130	1230	1050
Lucy, double red	240	-----	660	-----	-----
Purpurea Semi Plena, semi-double, purple	-----	-----	385	1390	-----
Snowdrift, single, white	-----	-----	80	200	290
Woodbridge, Single, Rose-pink	-----	-----	40	20	-----

\*Available 18-24, grade, 10c higher per grade.

**BARBERRY (BERBERIS)**

redleaf (*thunbergi atropurpurea*)

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

	Per 10	Per 100	Per 1000
5000 9 to 12 in.	\$ 2 90	\$ 25 00	\$220 00
5300 12 to 15 in.	3 70	32 00	280 00
40 18 to 24 in.	5 50	50 00	450 00
155 2 to 2½ ft.	6 50	60 00	550 00

*thunbergi. 4-5 ft.*

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

1330 9 to 12 in.	1 90	16 00	140 00
1690 12 to 15 in.	2 40	21 00	180 00
3860 15 to 18 in.	3 10	27 00	250 00
2910 18 to 24 in.	3 80	33 00	300 00

**TRUEHEDGE COLUMNBERRY**

Var. *Berberis Thunbergi, erecta*

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

	Per 10	Per 100	Per 1000
60 9 to 12 in.	\$ 1 90	\$ 16 00	\$-----
220 12 to 15 in.	3 00	25 00	200 00
470 15 to 18 in.	3 50	33 00	300 00
360 18 to 24 in.	4 50	40 00	350 00

## ORNAMENTAL SHRUBS—Continued

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

When transplanting cut tops back severely for best results.

	Per 10	Per 100	Per 1000
Medium .....	\$ 2 80	\$ 24 00	\$220 00
No. 1 .....	3 50	30 00	270 00

**Charming, 5-6 ft.**

Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

620 .....Med.

**Dubonnet, 4-5 ft.**

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

5210 .....Med.

**Farquhar, 5-6 ft.**

Lavender pink flowers with orange center. Fragrant.

110 .....Med.

**Hartwegi, 4-5 ft.**

Flowers bright lavender, foliage dark green. Compact.

495 .....Med.

230 .....No. 1

**Ile de France.**

Dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

1940 .....Med.

5310 .....No. 1

**Red Glory**

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

270 .....Med.

570 .....No. 1

**White, 6 ft.**

True white flowers. About 12-16 inches long, from summer until frost.

70 .....Med.

70 .....No. 1

Per 10 Per 100 Per 1000

**CARAGANA (PEASHRUB)****arborescens (Siberian Peashrub) May-June. 10-20 ft.**

Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.

350 12 to 18 in.....	\$ 2 10	\$ 18 00	\$150 00
840 18 to 24 in.....	2 90	25 00	200 00
1900 2 to 3 ft.....	4 00	35 00	300 00
940 3 to 4 ft.....	5 00	45 00	400 00

**CARYOPTERIS INCANA, (See Blue Mist Spirea.)****CORNUS (Dogwood)****Alba Siberica (Coral Dogwood). April - May. 8-10 ft.**

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

260 12 to 15 in..... 2 40 20 00 -----

450 18 to 24 in..... 4 00 35 00 -----

380 2 to 3 ft..... 5 50 50 00 -----

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

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

320 12 to 18 in..... 6 00 55 00 -----

1020 18 to 24 in..... 8 50 80 00 750 00

1050 2 to 3 ft..... 13 50 125 00 1100 00

330 3 to 4 ft..... 19 00 175 00 -----

## ORNAMENTAL SHRUBS—Continued

## CORNUS (Dogwood)—Continued

**stolonifera (Redosier Dogwood) May-June. 6-8 ft.** Per 10 Per 100 Per 1000  
Spreading but erect growing; white flowers and berries; dark red bark.

100	12 to 18 in.	\$ 2 40	\$ 21 00	\$ -----
100	18 to 24 in.	4 00	35 00	-----
20	2 to 3 ft.	5 50	50 00	-----

**Stolonifera lutea (Gold Twig Dogwood). 6-8 ft.**

410	12 to 18 in.	2 40	21 00	-----
340	18 to 24 in.	4 00	35 00	-----
520	2 to 3 ft.	5 50	50 00	-----
140	3 to 4 ft.	6 50	60 00	-----

**variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.**

Silver variegated leaves, bright red bark. Very attractive.

150	12 to 18 in.	4 00	35 00	-----
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## COTONEASTER

**acutifolia (Peking Cotoneaster) May-June) 10-12 ft.**

A valuable massing and hedging shrub. Dark green leaves; black fruit.

600	2 to 3 ft.	4 50	40 00	350 00
1620	3 to 4 ft.	5 00	45 00	400 00

## CRANBERRY, Highbush (See Viburnum)

CREPE MYRTLE (*Lagerstroemias 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 90	25 00	220 00
	18 to 24 in.	4 00	35 00	300 00

			18/24"	12/18"
Pink	-----		140	160
Purple	-----		680	-----
Watermelon Red	-----		400	160
White	-----		290	30

CYDONIA (*CHAENOMELES*) (FLOWERING QUINCE)

**aurea, March-April. 3-4 ft.**

Per 10 Per 100 Per 1000

A lovely dwarf quince completely covered with rose suffused salmon tinted yellow flowers. Fine for foreground planting or for hedge.

70	12 to 18 in.	\$ 5 00	\$ 45 00	\$ -----
50	18 to 24 in.	7 00	65 00	-----
30	2 to 3 ft.	9 00	85 00	-----

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

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

5230	9 to 12 in.	2 10	18 00	160 00
5720	12 to 18 in.	2 90	25 00	200 00
4320	2 to 3 ft.	5 00	45 00	400 00
270	3 to 4 ft.	6 00	55 00	500 00

**japonica rubra (Red Flowering Quince) March-April. 5-6 ft.**

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting.

2080	12 to 18 in.	2 90	25 00	-----
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**nivalis, March-April. 5-6 ft.**

The best pure white quince. The clusters of sparkling white flowers contrast nicely with the dark green foliage.

150	12 to 18 in.	5 00	45 00	400 00
90	18 to 24 in.	7 00	65 00	600 00
30	2 to 3 ft.	9 00	85 00	800 00

## ORNAMENTAL SHRUBS—Continued

**DEUTZIA**

*gracilis rosea*, (Rose Panicle Deutzia) Per 10 Per 100 Per 1000  
 Quite similar to *Gracilis* but a stronger grower that produces attractive pinkish flowers.

770 18 to 24 in.-----\$ 6 50 \$ 60 00 \$550 00

*lemoinei* (Lemoine Deutzia) May. 3-4 ft.

Very floriferous, semi-dwarf hybrid variety; creamy white flowers in short, chubby sprays; distinct from all other varieties.

90 9 to 12 in.----- 2 50 22 00 260 00

1600 12 to 18 in.----- 4 00 35 00 320 00

2150 18 to 24 in.----- 5 00 45 00 400 00

80 2 to 2½ ft.----- 6 00 55 00 500 00

*Pride of Rochester*. May. 8-10 ft.

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

135 12 to 18 in.----- 2 50 22 00 200 00

20 18 to 24 in.----- 4 00 35 00 300 00

**ELDER (SAMBUCUS)**

↙ *golden American (canadensis aurea)* June-July. 8-10 ft.

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

20 12 to 18 in.----- 3 20 28 00 -----

20 18 to 24 in.----- 4 00 35 00 -----

40 2 to 3 ft.----- 5 50 50 00 -----

**EUONYMUS**

*Alatus*, Winged *Euonymus* (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

200 12 to 15 in.----- 6 50 60 00 -----

*patens*, (Spreading *Euonymus*) 4-5 ft.

Graceful spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.

100 12 to 15 in.----- 5 50 50 00 -----

280 18 to 24 in.----- 8 50 80 00 750 00

*radicans erecta*, (Compact upright *Euonymus*)

An improved more upright form of *Euonymus Radicans*. Shiny dark green foliage. Evergreen. Should have some protection.

450 12 to 15 in.----- 5 50 50 00 450 00

720 15 to 18 in.----- 7 00 65 00 600 00

570 18 to 24 in.----- 9 00 85 00 -----

**FORSYTHIA (GOLDEN BELL)**

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

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

90 12 to 18 in.----- 3 20 28 00 250 00

*intermedia spectabilis* (Showy Border Forsythia) April. 6-8 ft.

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

2070 12 to 18 in.----- 3 20 28 00 250 00

230 18 to 24 in.----- 4 50 40 00 350 00

180 3 to 4 ft.----- 6 50 60 00 550 00

230 4 to 5 ft.----- 7 50 70 00 650 00

**Spring Glory.**

A new Forsythia which is without a doubt, the loveliest of all Forsythias. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

Per 10 Per 100 Per 1000

110 12 to 18 in.-----\$ 3 50 \$ 30 00 \$250 00

180 18 to 24 in.----- 5 00 45 00 400 00

## ORNAMENTAL SHRUBS—Continued

**HONEYSUCKLE (LONICERA)**

**Clavey's Compact Dwarf, 3-4 ft. May.** Per 10 Per 100 Per 1000  
 A new hardy dwarf honeysuckle recently introduced. Small yellow flowers and red berries.

180	12 to 15 in.....	\$ 2 50	\$ 20 00	\$-----
210	2½ to 3 ft.....	8 50	80 00	-----

**fragrantissima, (Winter Honeysuckle). 6-8 ft.**

Fragrant white flowers in March-April. Nearly evergreen, semi-hardy.

1920	12 to 18 in.....	2 90	25 00	220 00
680	18 to 24 in.....	4 00	35 00	300 00
415	2 to 3 ft.....	5 00	45 00	400 00

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

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

1430	12 to 18 in.....	2 90	25 00	-----
420	18 to 24 in.....	4 00	35 00	300 00
140	2 to 3 ft.....	5 00	45 00	400 00

**korolkowi Floribunda (Blue Leaf Honeysuckle). May-June. 10-12 ft.**

Attractive broad shrub, horizontal branches. Broad blue-green foliage, small pink flowers, bright red berries.

80	3 to 4 ft.....	7 00	-----	-----
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**tatarian Pink (tatarica rosea) April-May. 10-12 ft.**

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

1650	12 to 18 in.....	2 90	25 00	220 00
2210	18 to 24 in.....	4 00	35 00	300 00
230	2 to 3 ft.....	5 00	45 00	400 00
3410	3 to 4 ft.....	6 00	55 00	500 00
200	4 to 5 ft.....	7 00	65 00	600 00

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

A hardy and vigorous shrub. Rosy-pink flowers followed by bright red fruit.

410	18 to 24 in.....	4 00	35 00	300 00
710	2 to 3 ft.....	5 00	45 00	400 00
1330	3 to 4 ft.....	6 00	55 00	500 00
430	4 to 5 ft.....	7 00	65 00	600 00

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

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

220	12 to 18 in.....	2 90	25 00	220 00
280	18 to 24 in.....	4 00	35 00	300 00

**zabeli, Zabel Honeysuckle, 8-10 ft.**

Generally accepted as the best of the improved strains of Red Tartarian Honeysuckle. Flowers are true red. Very hardy.

1230	12 to 18 in.....	2 90	25 00	220 00
1810	18 to 24 in.....	4 00	35 00	300 00
780	2 to 3 ft.....	5 00	45 00	400 00
120	3 to 4 ft.....	6 00	55 00	500 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.

340	12 to 18 in.....	3 50	30 00	250 00
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## ORNAMENTAL SHRUBS—Continued

**HYDRANGEA—(Continued)**

<b>paniculata grandiflora (Peegee Hydrangea) 6-8 ft.</b>	Per 10	Per 100	Per 1000
Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.			
90 18 to 24 in.....	\$ 4 50	\$ 40 00	\$350 00
100 3 to 4 ft.....	7 00	65 00	-----

**pee gee, Tree Form**

Same as *Paniculata Grandiflora* above but trained in tree or standard form.

160 3 to 4 ft.....	13 50	125 00	1100 00
800 4 to 5 ft.....	16 50	150 00	1350 00

**NIKKO BLUE HYDRANGEA**

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid use two tablespoons of aluminum sulphate to a gallon of water.

	Per 10	Per 100	Per 1000
2540 2 year heavy field grown plants.....	\$ 8 00	\$ 75 00	\$650 00

<b>KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.</b>	Per 10	Per 100	Per 1000
A graceful shrub, covered with small pink flowers in May.			
100 12 to 18 in.....	\$ 3 00	\$ 25 00	\$220 00
90 18 to 24 in.....	5 00	45 00	400 00
30 3 to 4 ft.....	6 50	60 00	550 00

**LILAC (SYRINGA)****common Purple (vulgaris) April-May. 12-15 ft.**

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

630 9 to 12 in.....	2 10	18 00	-----
1740 12 to 18 in.....	2 90	25 00	220 00
110 18 to 24 in.....	4 00	35 00	320 00
700 2 to 3 ft.....	5 00	45 00	400 00

**common White, (vulgaris alba) 12-15 ft.**

Hardy vigorous shrub. Attractive foliage, single white flowers.

60 9 to 12 in.....	2 10	18 00	-----
300 12 to 18 in.....	3 50	30 00	-----
40 2 to 3 ft.....	5 50	50 00	-----

**Persian Purple, See Lilac Rothomagensis**

Rothomagensis has superior flowers and foliage but similar in habit of growth.

**rothomagensis (chinensis) April-May. 8-10 ft.**

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

1000 9 to 12 in.....	2 10	18 00	-----
200 12 to 18 in.....	3 50	30 00	250 00
1700 2 to 3 ft.....	5 50	50 00	450 00
1400 4 to 5 ft.....	8 00	75 00	-----

**villosa (Late Lilac) June. 8-10 ft.**

Large, broad, plume-like panicles of delicate pink flowers; large leaves.

310 12 to 18 in.....	3 50	30 00	-----
240 18 to 24 in.....	4 50	40 00	350 00
1000 2 to 3 ft.....	5 50	50 00	450 00

## ORNAMENTAL SHRUBS—Continued

## LILAC (SYRINGA)—Continued

## French Lilacs. April-May. 8-15 ft.

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many usual shades and color blends.

	Per 10	Per 100				
9 to 12 in.-----	\$ 3 20	\$ 28 00				
12 to 18 in.-----	4 50	40 00				
18 to 24 in.-----	6 50	60 00				
2 to 3 ft.-----	8 50	80 00				
3 to 4 ft.-----	11 00	100 00				
4 to 5 ft.-----	14 00	130 00				
	4/5'	3/4'	2/3'	18/24"	12/18"	9/12"
Blue -----	--	--	X	X	X	X
Pink -----	--	--	X	--	X	X
Purple -----	--	X	X	--	X	X
Red -----	X	--	--	--	X	X
White -----	--	--	X	--	X	--

## PHILADELPHUS (MOCK ORANGE, SYRINGA)

## atlas. 5-6 ft.

New Hybrid giant-flowered Mock Orange. Pure white flowers. An upright and hardy grower.

	Per 10	Per 100	Per 1000
50 12 to 18 in.-----	\$ 3 00	\$-----	\$-----

## Belle de Etoile. May-June. 4-5 ft.

A new Philadelphus of high merit. Large 2 inch star shaped flowers are pure white except a slight purple tinge deep in throat when first opening. Very fragrant. Not considered hardy north of southern Iowa.

150 12 to 18 in.-----	4 50	40 00	-----
200 18 to 24 in.-----	5 50	50 00	-----
80 2 to 3 ft.-----	6 50	60 00	-----

## bouquet blanca. May-June. 4-5 ft.

Close-set branches of fragrant double white flower.; rich green foliage.

45 12 to 18 in.-----	3 20	28 00	-----
140 18 to 24 in.-----	4 50	40 00	-----

## coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.

420 12 to 18 in.-----	3 00	25 00	220 00
850 18 to 24 in.-----	4 50	40 00	350 00
790 2 to 3 ft.-----	5 00	50 00	450 00
250 3 to 4 ft.-----	7 00	65 00	600 00

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

Large, scentless white flowers in clusters; branches somewhat straggling.

540 18 to 24 in.-----	4 50	40 00	-----
290 2 to 3 ft.-----	5 50	50 00	-----

## innocence. May-June. 6 ft.

The long arching branches are completely covered with large alabaster-white single blooms. The whiteness of the blooms is so pure as to make all other mock orange seem gray by comparison. Fragrance is more delicate yet more penetrating than Jasmine.

600 18 to 24 in.-----	4 50	40 00	-----
1600 2 to 3 ft.-----	5 50	50 00	-----

## lemoinei (Lemoine's Mock Orange) May-June. 4-5 ft.

A free-flowering semi-dwarf variety; compact growth. Sweet scented.

40 12 to 18 in.-----	3 20	28 00	-----
70 18 to 24 in.-----	4 50	40 00	-----



## ORNAMENTAL SHRUBS—Continued

## PHILADELPHUS—(Continued)

## MINNESOTA SNOWFLAKE

Plant Pat. No. 538

A really new and outstanding introduction. The glistening white, intensely double blooms are borne profusely and are very fragrant. The well shaped shrub is nicely branched with good foliage.

	Wholesale Prices		Suggested Retail Prices	
	Per 10	Per 100	Each	Dozen
1330 18 to 24 in.-----	\$6 00	\$55 00	\$1 25	\$12 00

virginal. May-June. 7-8 ft. Per 10 Per 100 Per 1000

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

4020 9 to 12 in.-----	\$ 2 50	\$ 22 00	\$200 00
7550 12 to 18 in.-----	3 20	28 00	250 00
900 18 to 24 in.-----	4 50	40 00	350 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.

180 2 to 3 ft.-----	5 00	45 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.

1200 2 to 3 ft.-----	5 00	45 00	400 00
865 3 to 3½ ft.-----	6 00	55 00	500 00

## POMEGRANATE

punica nana (Dwarf Flowering)

An excellent dwarf type shrub. Produces an abundance of bright double, orange-red carnation type flowers. Not hardy where temperatures fall below 10 to 15 degrees above zero.

590 9 to 12 in.-----	3 50	30 00	-----
480 12 to 15 in.-----	4 50	40 00	-----

## PRIVET (LIGUSTRUM)

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

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

16000 12 to 18 in., 3 canes and up-----	-----	11 00	100 00
3000 18 to 24 in., 3 " " "-----	-----	16 00	140 00

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

40000 9 to 12 in., branched-----	-----	5 60	50 00
1000 12 to 18 in., "-----	-----	9 50	85 00
360 2 to 3 ft., "-----	-----	17 00	150 00
90 3 to 4 ft., "-----	-----	22 50	200 00

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

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

3500 9 to 12 in.-----	-----	7 00	60 00
1800 12 to 18 in.-----	-----	11 00	100 00
300 18 to 24 in.-----	-----	16 00	140 00
1200 2 to 3 ft.-----	-----	21 00	180 00
550 3 to 4 ft.-----	-----	22 50	200 00

## ORNAMENTAL SHRUBS—Continued

## PRIVET (LIGUSTROM)—Continued

**Regel (regelium) 6-8 ft.**

Low, dense growth, horizontal, spreading branches, berries remain all winter.

	Per 10	Per 100	Per 1000
6400 12 to 18 in.-----	\$ 2 90	\$ 25 00	\$220 00
3000 18 to 24 in.-----	4 50	40 00	350 00
5000 2 to 2½ ft.-----	5 50	50 00	450 00
1700 2½ to 3 ft.-----	6 50	60 00	550 00

**Thompson's (thompsoni)**

	Per 10	Per 100	Per 1000
Rapid-growing; bushy, very desirable			
7000 12 to 18 in.-----	\$-----	\$ 13 00	\$120 00
7000 18 to 24 in.-----	-----	17 00	150 00
4000 2 to 3 ft.-----	-----	20 00	180 00
910 3 to 4 ft.-----	-----	25 00	220 00

**Vulgare, European Privet. 8-10 ft.**

A hardy, vigorous strain of European Privet carrying dark green foliage, hanging on later in autumn.

450 12 to 18 in.-----	-----	13 00	120 00
100 18 to 24 in.-----	-----	17 00	150 00

**PRUNUS, Ornamental Plums. (See Deciduous Trees)****QUINCE JAPONICA. (See Cydonia)****RHODOTYPOS (JETBEAD)****kerrioides (White Kerria) April-May. 4-5 ft.**

White flowers, followed by black fruits; does well in shaded places; excellent for mass planting where a low growth is desired.

130 12 to 18 in.-----	4 50	40 00	350 00
2550 18 to 24 in.-----	5 50	50 00	450 00
2200 2 to 3 ft.-----	6 50	60 00	550 00

**RHUS (SUMAC)****Canadensis (Aromatica) Fragrant Sumac. 5-6 ft. April-May.**

Aromatic shrub with small yellowish flowers followed by red berries.

12 to 18 in.-----	3 20	28 00	-----
3 to 4 ft.-----	5 50	50 00	-----

**Cotinus (Purple Fringe) July-August. 5-6 ft.**

Makes a fine specimen plant with masses of smoky panicles of flowers. Rapid grower.

100 12 to 18 in.-----	5 00	45 00	-----
80 18 to 24 in.-----	7 00	65 00	-----
330 2 to 3 ft.-----	9 00	85 00	-----
70 3 to 4 ft.-----	12 50	110 00	-----

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

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

380 12 to 18 in.-----	2 20	20 00	180 00
560 18 to 24 in.-----	2 90	25 00	220 00
560 2 to 3 ft.-----	4 00	35 00	300 00
90 3 to 4 ft.-----	5 00	45 00	400 00

**Smooth (glabra) 6-10 ft.**

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

1770 12 to 18 in.-----	2 10	18 00	150 00
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## ORNAMENTAL SHRUBS—Continued

## RHUS (SUMAC)—Continued)

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

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

	Per 10	Per 100	Per 1000
240 12 to 18 in.-----	\$ 2 50	\$ 20 00	\$-----
200 18 to 24 in.-----	2 90	25 00	-----
530 2 to 3 ft.-----	4 00	35 00	300 00
1120 3 to 4 ft.-----	5 00	45 00	400 00
770 4 to 5 ft.-----	6 00	55 00	500 00

RIBES, *Alpinum*. (Alpine Currant). April-May. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers and scarlet fruit.

	Per 10	Per 100	Per 1000
280 15 to 18 in.-----	3 20	50 00	-----
200 18 to 24 in.-----	6 50	60 00	-----

## SALIX PURPUREA

## Dwarf Artic Willow

Charming low growing blue-leaf Willow; suited for hedges and borders. Hardy. 3 to 4 ft.

	Per 10	Per 100	Per 1000
260 12 to 18 in.-----	\$ 2 60	\$ 22 00	\$200 00
250 18 to 24 in.-----	3 20	28 00	250 00
1250 2 to 2½ ft.-----	4 50	40 00	350 00

## SPIREA

Per 10 Per 100 Per 1000

*arguta* (Garland) April-May. 5-6 ft.

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

3370 9 to 12 in.-----	\$ 2 10	\$ 18 00	\$160 00
1840 12 to 18 in.-----	2 90	25 00	220 00
1180 18 to 24 in.-----	4 00	35 00	300 00
310 2 to 3 ft.-----	5 00	45 00	400 00

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

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

1120 9 to 12 in.-----	2 10	18 00	-----
3250 12 to 18 in.-----	2 90	25 00	220 00
1850 18 to 24 in.-----	4 00	35 00	220 00
270 2 to 3 ft.-----	5 00	45 00	400 00

Blue Mist Spirea (*Caryopteris*)

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy. 18 to 24 inch.

	Per 10	Per 100	Per 1000
4530 Medium -----	\$ 2 90	\$ 25 00	\$200 00
170 No. 1 -----	4 00	35 00	300 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.

	Per 10	Per 100	Per 1000
2380 9 to 12 in.-----	\$ 2 60	\$ 22 00	\$200 00
3300 2 to 2½ ft.-----	4 50	40 00	350 00
250 2½ to 3 ft.-----	5 50	50 00	450 00

(Write for quantity prices)

## ORNAMENTAL SHRUBS—Continued

## SPIREA—Continued

**japonica coccinea.** July. 2½-3 ft. Per 10 Per 100 Per 1000

An improvement over Anthony Waterer with non-fading flower heads of crimson red.

240 9 to 12 in.-----\$ 3 20 \$----- \$-----

**opulifolia nana** (See *Physocarpus opulifolius nana*)

**thunbergi** (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles *Arguta* but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

500 12 to 18 in.----- 3 20 28 00 250 00

3090 18 to 24 in.----- 4 50 40 00 350 00

1920 2 to 3 ft.----- 5 00 45 00 400 00

**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.

2160 12 to 18 in.----- 2 40 20 00 180 00

1220 18 to 24 in.----- 3 20 28 00 240 00

300 2 to 3 ft.----- 3 50 33 00 300 00

450 3 to 4 ft.----- 5 00 45 00 400 00

## SYMPHORICARPOS (SNOWBERRY)

**chenaulti** (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

920 12 to 18 in.----- 2 10 18 00 160 00

2830 18 to 24 ft.----- 2 90 25 00 220 00

5070 2 to 3 ft.----- 3 50 30 00 270 00

4000 3 to 4 ft.----- 4 00 35 00 300 00

**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.

1310 12 to 18 in.----- 1 90 16 00 140 00

1770 18 to 24 in.----- 2 60 22 00 200 00

1420 2 to 3 ft.----- 3 20 28 00 250 00

**vulgaris** (Indicanturant; Coralberry) June-July. 4-6 ft.

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

2060 12 to 18 in.----- 1 90 16 00 140 00

1880 18 to 24 in.----- 2 60 22 00 200 00

80 2 to 3 ft.----- 3 20 28 00 250 00

## TAMARIX

For best results the tops of *Tamarix* must be cut back short when transplanting. If this is not done they may fail to grow.

12 to 18 in.----- 2 90 25 00 220 00

18 to 24 in.----- 4 00 35 00 300 00

2 to 3 ft.----- 5 00 45 00 400 00

3 to 4 ft.----- 6 00 55 00 500 00

**africana.** May. 10-12 ft.

Slender spreading branches, reddish brown bark, pink flowers.----- 3/4' 2/3' 18/24" 12/18" 9/12"  
80 110 835 655 150

**amurensis** (Amur *Tamarix*) August-September. 8-10 ft.

Purple branches, graceful foliage. Thrives in dry soil.----- 200 230 ----

**odessana** (Odessa *Tamarix*) July. 6-8 ft.

Dwarf, bushy growth; loose panicles of lavender-pink flowers.----- 80 240 380 170

**tetrandra purpurea.** May-June. 10-12 ft.

Vigorous growth, bright green foliage, pink flowers. Very hardy.----- 180 300 200 50 ----

## ORNAMENTAL SHRUBS—Continued

## VIBURNUM

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

Attractive foliage, white flowers followed by bluish-black fruit.

275 9 to 12 in.-----\$ 2 50 \$ 22 00 \$-----

2340 18 to 24 in.----- 4 50 40 00 350 00

750 2 to 3 ft.----- 5 50 50 00 -----

✓ **lentago (Nannyberry) May. 18-20 ft.**

Large growing upright shrub or small tree. Shining green leaves. Single white flowers and large blue-black fruit.

30 9 to 12 in.----- 2 50 22 00 -----

28 18 to 24 in.----- 4 50 40 00 350 00

✓ **opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.**

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

130 12 to 18 in.----- 3 50 30 00 -----

80 18 to 24 in.----- 5 00 45 00 400 00

90 2 to 3 ft.----- 6 00 55 00 500 00

**opulus sterile, Common Snowball. April-May. 10-12 ft.**

Popular shrub. Blooms profusely. Large double white flowers.

1750 9 to 12 in.----- 2 90 25 00 220 00

900 12 to 18 in.----- 4 00 35 00 300 00

140 18 to 24 in.----- 5 50 50 00 450 00

60 2 to 3 ft.----- 7 00 65 00 -----

**VITEX macrophylla (Big-leaved Chaste Tree). July to frost. 5-6 ft.**

Semi-dwarf flowers lavender-blue. Hardy.

1200 9 to 12 in.----- 2 50 22 00 -----

60 12 to 18 in.----- 3 20 28 00 -----

80 18 to 24 in.----- 4 50 40 00 -----

300 2 to 3 ft.----- 5 50 50 00 -----

## WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke, hardier and more thrifty. Large soft ruby-red flowers shading to garnet crimson.

	Per 10	Per 100
300 2 to ft. (Retail \$2.50 each)-----	\$ 7 00	\$ 60 00
360 3 to 4 ft. (Retail \$3.00 each)-----	8 00	75 00

**Dwarf Variegated, nana variegata. May-June. 5 ft.**

Growth dwarf, compact, variegated leaves. Light pink flowers.

670 12 to 18 in.-----\$ 3 50 \$ 30 00 \$250 00

800 18 to 24 in.----- 5 00 45 00 400 00

110 2 to 3 ft.----- 6 00 55 00 600 00

**Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.**

Attractive foliage; clear ruby red trumpet-shaped flowers over long season.

1320 12 to 18 in.----- 3 70 32 00 280 00

570 2 to 3 ft.----- 6 00 55 00 500 00

170 3 to 4 ft.----- 7 00 65 00 600 00

**Newport Red. 6-7 ft.**

New ruby-red Weigela recommended for its hardiness and habit of growth. Making a well formed plant.

1490 2 to 3 ft.----- 6 50 60 00 550 00

1040 3 to 4 ft.----- 8 00 75 00 700 00

**rosea, (florida) Pink Weigela. May-June. 6-8 ft.**

Popular shrub with beautiful showy pink flowers.

220 3 to 4 ft.----- 6 50 60 00 550 00

## CLIMBING VINES

## AMPELOPSIS

Per 10 Per 100 Per 1000

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

**engelmanni (Engelmann Creeper) 30-40 ft.**

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.

1350	2 year, Medium	\$ 2 90	\$ 25 00	\$230 00
900	2 " No. 1	3 50	30 00	250 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.

350	2 year, Medium	3 50	30 00	250 00
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## CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids with beautiful purple, red, yellow and white flowers.

2 1/4	inch. pot plants	5 50	50 00	-----
200	Mme. Edouard Andre, red			
200	Tangutica, yellow			

## HONEYSUCKLE (LONICERA)

**Hall's Japan (Japonica Halliana) July-October. 20-25 ft.**

Fragrant, pure white flowers, changing to yellow; almost evergreen.

1800	2 year, Medium	2 10	18 00	160 00
4000	2 " No. 1	2 50	22 00	200 00

**Scarlet Trumpet (Sempervirens) May-August., 10-25 ft.**

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

2250	2 year, Medium	2 90	25 00	200 00
2700	2 " No. 1	3 50	30 00	270 00

**Polygonum Auberti. (Silver Lace Vine). July-Sept. 25-30 ft.**

A fast growing twining vine with light green leaves and fleecy white flowers.

2500	2 year, Medium	3 50	30 00	-----
1000	2 " No. 1	4 50	40 00	-----

## HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

## BARBERRY (BERBERIS)

Per 100 Per 1000

**Thunbergi (Japanese Barberry)**

500	9 to 12 in.	\$ 8 50	\$ 75 00
1000	18 to 24 in.	16 00	140 00

## HONEYSUCKLE (Lonicera)

**Grandiflora Rosea—Pink**

200	9 to 12 in.	8 50	75 00
1800	12 to 18 in.	11 00	100 00
1100	18 to 24 in.	16 00	140 00

**Tatarian—Pink**

1010	9 to 12 in.	8 50	75 00
1000	12 to 18 in.	11 00	100 00
1500	18 to 24 in.	16 00	140 00
900	2 to 3 ft.	21 00	190 00

**Zabeli—Red**

1800	9 to 12 in.	11 00	100 00
5000	12 to 18 in.	16 00	140 00
7660	18 to 24 in.	21 50	190 00
2000	2 to 3 ft.	25 00	220 00

## PRIVET—See Ornamental Shrubs.

## SPIREA vanhoutte

3000	9 to 12 in.	8 50	75 00
1000	12 to 18 in.	11 00	100 00
10000	18 to 24 in.	16 00	140 00

## EVERGREENS

(Balled and Burlapped)

**ALL EVERGREENS SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. WE DO NOT GUARANTEE SURVIVAL.**

We cannot assume responsibility for the successful transplanting of evergreens. Weather conditions, method of handling and care govern the results secured. They are sold with the distinct understanding that if they arrive in good condition, our responsibility ceases.

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

## JUNIPERUS (JUNIPER)

<b>chinensis pfitzeriana (Pfitzer Juniper) 6-8 ft. spread.</b>		Per 10	Per 100
Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy.			
80	15 to 18 in.	\$35 00	\$300 00
500	18 to 24 in.	40 00	350 00
150	2 to 2½ ft.	45 00	400 00

**Chinensis Pfitzeriana Aurea. Golden Pfitzer.**

Golden type of pfitzer with bright yellow foliage on new growth.

10	18 to 24 in.	40 00	350 00
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**communis hibernica (Irish Juniper) 6-8 ft**

Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.

1400	2 to 3 ft.	20 00	175 00
600	3 to 4 ft.	27 50	250 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.

150	15 to 18 in.	25 00	-----
200	18 to 24 in.	30 00	-----

**horizontalis (Prostrate Juniper) 6-8 ft. spread.**

Blue form of the above

10	18 to 24 in.	30 00	-----
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**horizontalis douglasi (Hill Waukegan Juniper).**

Distinct from the other Juniperus Horizontalis because of its pinkish fall and winter color. Grows very close to the ground, spreading over a considerable area.

15	2½ to 3 ft.	42 50	375 00
15	3½ to 4 ft.	57 50	525 00

**horizontalis plumosa (Andorra Creeping Juniper) 5 ft. spread.**

A dwarf spreading Juniper of silvery green color; foliage turns to pinkish or purple color in Autumn, a distinct color which holds until Spring.

500	18 to 24 in.	30 00	275 00
140	2 to 2½ ft.	35 00	325 00
70	2½ to 3 ft.	42 50	-----
20	3 to 3½ ft.	50 00	-----

**sabina (Savin Juniper) 3-4 ft.**

Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.

290	15 to 18 in.	27 50	250 00
1700	18 to 24 in.	32 50	300 00
400	2 to 2½ ft.	37 50	350 00
50	2½ to 3 ft.	42 50	-----

## EVERGREENS—(Continued)

## JUNIPERUS (JUNIPER)—Continued

**scopulorum (Colorado Silver Juniper) 25-30 ft.**

Seedling form of the widely known and valuable Western Juniper. Silvery foliage, symmetrical growth. Thrives in hot, dry weather.

15	2 to 2½ ft.	-----	\$32 50	\$300 00
20	2½ to 3 ft.	-----	37 50	350 00

**scopulorum Chandler's Mission 15-18 ft.**

Upright habit, pyramidal, full at base and grows compact. Foliage greenish-silver.

10	2½ to 3 ft.	-----	47 50	425 00
15	3 to 3½ ft.	-----	55 00	500 00

**scopulorum Holman's Green**

One of the best green Scopulorums. Narrow pyramidal habit of growth. Retains its bright green color throughout the winter.

20	3½ to 4 ft.	-----	62 50	575 00
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**scopulorum Kenyoni**

Medium broad pyramidal habit of growth. Bright blue needle-like foliage. Very compact. Needs little or no shearing.

15	4½ to 5 ft.	-----	77 50	725 00
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**scopulorum Marshall's Compacta. 18-20 ft.**

Columnar growth of compact habit; light frosty blue foliage. A valuable addition to our fine ornamental evergreens.

30	3 to 3½ ft.	-----	55 00	-----
15	3½ to 4 ft.	-----	62 50	-----

**scopulorum Sutherland.**

One of the most desirable and outstanding green-foliaged cone-shaped Junipers.

15	3 to 3½ ft.	-----	55 00	-----
30	3½ to 4 ft.	-----	62 50	-----
10	4 to 5 ft.	-----	77 50	-----

**scopulorum welchi**

Grafted columnaris type with silvery green foliage. Does not require shearing for pyramidal shape.

10	3½ to 4 ft.	-----	62 50	-----
10	4 to 5 ft.	-----	77 50	-----
20	5 to 6 ft.	-----	85 00	-----

**virginiana pyramidalis,**

Narrow pyramidal form, bluish-green foliage.

90	2 to 2½ ft.	-----	40 00	375 00
95	2½ to 3 ft.	-----	47 50	450 00
120	3 to 3½ ft.	-----	55 00	525 00

**virginiana pyramidiformis (Dundee Juniper) 15-20 ft.**

Compact symmetrical growth; grayish green foliage, changes to deep purple in winter. The foliage is retained the entire length of each branch.

35	3 to 3½ ft.	-----	55 00	-----
40	3½ to 4 ft.	-----	62 50	-----
200	4 to 5 ft.	-----	77 50	725 00
90	5 to 6 ft.	-----	85 00	825 00

## THUJA (ARBOR VITAE)

**Biota Bakerii (Bakers Pyramidal)**

Tall compact columnar growth, bright green foliage.

50	3 to 4 ft.	-----	30 00	250 00
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**occidentalis globosa (American Globe A. V.) 2½-3 ft.**

Naturally globe-shaped; light green foliage.

40	12 x 12 in.	-----	17 50	150 00
150	15 x 15 in.	-----	22 50	200 00

**orientalis, chinese Arbor Vitae. 20-25 ft.**

A broad pyramidal tree with compact dark green foliage dulling to bronzy green in winter.

40	5 to 6 ft.	-----	47 50	450 00
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# ROSES

## CALIFORNIA GROWN

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

Delivery of healthy vigorous rose bushes can be made any time after early February.

### OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

### WE DO NOT BREAK BUNDLES

### PLEASE SPECIFY PREFERENCE

Unless preference is stated we reserve the right to supply Texas or California grown roses at our discretion.

## TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6 50	\$ 60 00	\$550 00
" " " No. 1½.....	5 25	47 50	425 00
" " " No. 2.....	4 00	35 00	300 00

## RED SHADES

**Ami Quinard**, dark velvety crimson, almost black; fragrant.

**Better Times**, large, double, fragrant cerise flowers. Excellent for forcing.

**Crimson Glory**, one of the most popular crimson roses, recently on the patented list.

**Christopher Stone**, free blooming, producing fragrant velvet textured blossoms of vivid scarlet.

**Etoile de Hollande**, one of the best dark red roses; a strong grower, free flowering and very fragrant.

**Grenoble**, one of the best reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.

**Night**, a new very dark rose; bud almost black on long strong stem; an upright and hardy plant.

**Poinsettia**, one of the most brilliant red roses ever produced. Poinsetta scarlet. Good grower and fine cut flower.

**Red Radiance**, bright rosy red, free blooming, delightfully fragrant.

**Red Talisman**, Talisman sport. Bud long pointed; flowers large, double and fragrant. Deep cerise red blending into yellow shade at base.

## PINK SHADES

**Editor McFarland**, shapely buds and double, brilliant pink blooms. Profuse bloomer.

**Picture**, a very beautiful rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

**Pink Dawn**, deep rose-pink, lightly toned orange; well formed flowers.

**Pink Radiance**, large brilliant rose-pink; very fragrant. A most popular variety.

**The Doctor**, a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

## YELLOW SHADES

**Golden Rapture**, rich yellow. Long strong stems.

**Joanna Hill**, double blooms of golden buff, yellow center; fragrant.

**McGredy's Yellow**, well formed flowers of bright buttercup yellow. Gossy.

**Soeur Therese**, double rich yellow blooms; vigorous, upright and profuse.

**Yellow Sastago**, vigorous yellow sport of the popular two-toned variety.

## TWO-TONED SHADES

**Condesa de Sastago**, petals are coppery pink inside, golden reverse.

**Conrast**, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

**Countess Vandal**, pink, copper, gold and salmon color combinations; long pointed buds, strong stems.

**Duquesa de Penaranda**, strong, vigorous grower, very free flowering; apricot orange to dark pink. A most desirable variety.

**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. An excellent variety of superior quality.

**Pres. Herbert Hoover**, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

**Talisman**, golden-yellow, stained coppery-red and orange-rose; a favorite variety.

## ROSES—Continued

## WHITE SHADES

Caledonia, large double, white; long buds opening to large, double flowers.

K. A. Victoria, very popular, free flowering, double, pure white.

McGredy's Ivory, ivory-white perfectly shaped double blooms; sweet scented.

## HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6 50	\$ 60 00	\$550 00
" " " No. 1½.....	5 25	47 50	425 00

American Beauty, a very popular cerise-red variety.

Frau Karl Druschki, very popular large pure white.

General Jacqueminot, old favorite, dark red rose.

Paul Neyron, dwarf bushed; gigantic rose pink, fragrant flowers.

## DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6 50	\$ 60 00	\$550 00
" " " No. 1½.....	5 25	47 50	425 00

Baby Chateau, deep red blooms, one of the best of its type.

Cameo, shell pink and salmon with a glow of gold; blooms continuously.

Dagmar Spaeth, alabaster white, edged pink.

Ellen Poulsen, splendid bright rose-pink flowers of large size; fragrant.

Eutin, clusters of very double, deep red flowers. Vigorous grower. Mildew resistant bush.

Floradora, scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Gruss an Aachen, large light flesh-pink and salmon-yellow.

Lafayette Improved, large flowers of bright cherry-crimson.

Pink Gruss an Aachen, deep salmon rose colored sport of Gruss an Aachen.

Poulsen's Bedder, strong upright plants of about 3 ft. Produces masses of large slightly ruffled blooms of a clear rich pink. Long lasting.

Poulsen's Yellow, copperbud, semi-double fragrant yellow flowers.

Red Ripples, semi-double ox-blood red. Slightly fragrant.

Agnes, double yellow Rugosa, fragrant, blooms early.

	Per 10	Per 100	Per 1000
18 to 24 in.....	\$ 6 00	\$ 55 00	\$500 00
12 to 18 in.....	5 00	45 00	400 00
9 to 12 in.....	3 50	30 00	250 00

F. J. Grootendorst, small bright red flowers in clusters.

18 to 24 in.....	6 00	55 00	500 00
12 to 18 in.....	5 00	45 00	400 00
9 to 12 in.....	3 50	30 00	250 00

Grootendorst Pink, charming pink variety of Grootendorst.

18 to 24 in.....	6 00	55 00	500 00
12 to 18 in.....	5 00	45 00	400 00

Hansa, large double reddish violet flowers; very hardy.

18 to 24 in.....	6 00	55 00	500 00
12 to 18 in.....	5 00	45 00	400 00
9 to 12 in.....	3 50	30 00	250 00

Harrison's Yellow, early, semi-double, bright yellow.

18 to 24 in.....	6 00	55 00	-----
12 to 18 in.....	5 00	45 00	-----
9 to 12 in.....	3 50	30 00	250 00

Hugonis, early blooming shrub rose; pale yellow; hardy.

18 to 24 in.....	5 50	50 00	-----
12 to 18 in.....	4 00	35 00	-----
9 to 12 in.....	2 50	20 00	150 00

Sir Thos. Lipton, snowy white flower freely produced.

18 to 24 in.....	5 50	50 00	450 00
12 to 18 in.....	4 50	40 00	350 00
9 to 12 in.....	3 00	25 00	200 00

American Pillar, large single flowers of crimson-pink with white center; tremendous clusters; hardy.

No. 1.....	\$ 5 50	\$ 50 00	\$-----
No. 1½.....	4 50	40 00	-----
No. 2.....	3 50	30 00	-----

## ROSES—Continued

## CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
<b>Blaze</b> , hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson flower.			
No. 1½ -----	\$ 5 50	\$ 50 00	\$450 00
No. 2 -----	3 70	32 00	280 00
<b>Climbing American Beauty</b> , crimson flowers in clusters.			
No. 1 -----	6 00	55 00	500 00
No. 1½ -----	5 00	45 00	400 00
No. 2 -----	3 20	28 00	250 00
<b>Climbing Crimson Glory</b> —See patented roses for prices and descriptions.			
<b>Climbing Hybrid Tea</b>			
No. 1 -----	7 00	65 00	600 00
No. 1½ -----	6 00	55 00	500 00
No. 2 -----	4 50	40 00	350 00
<b>Caledonia</b> , large double white			
<b>Golden Charm</b> , yellow			
<b>J. L. Mock</b> , brilliant pink			
<b>Talisman</b> , two tone			
<b>Red Talisman</b> , red			
<b>Dorothy Perkins</b> , miniature shell pink flowers in clusters.			
No. 1 -----	4 50	40 00	350 00
No. 1½ -----	3 20	30 00	250 00
No. 2 -----	2 40	22 00	200 00
<b>Dr. J. H. Nicolas</b> —See patented roses for prices and descriptions.			
<b>Dr. Van Fleet</b> , large, flesh-pink flowers on long stems.			
No. 1 -----	6 00	55 00	500 00
No. 1½ -----	5 00	45 00	400 00
No. 2 -----	3 20	28 00	250 00
<b>Excelsa</b> , intense scarlet, large clusters of small flowers.			
No. 1 -----	4 50	40 00	350 00
No. 1½ -----	3 20	30 00	250 00
No. 2 -----	2 40	22 00	200 00
<b>Gardenia</b> , creamy-yellow flowers in small sprays; quite hardy.			
No. 1 -----	5 50	50 00	450 00
No. 1½ -----	4 50	40 00	350 00
No. 2 -----	2 90	25 00	220 00
<b>New Dawn</b> , fragrant blush pink flowers in clusters Everblooming.			
No. 1 -----	6 50	60 00	550 00
No. 1½ -----	5 50	50 00	450 00
No. 2 -----	4 00	35 00	300 00
<b>Paul's Scarlet Climber</b> , large intense scarlet flowers borne in clusters; free-flowering and hardy.			
No. 1 -----	6 00	55 00	500 00
No. 1½ -----	5 00	45 00	400 00
No. 2 -----	3 20	28 00	250 00
<b>Primrose</b> , double, canary-yellow flowers; hardy.			
No. 1 -----	6 00	55 00	500 00
No. 1½ -----	5 00	45 00	400 00
No. 2 -----	3 50	30 00	250 00
<b>Prosperity</b> , large clusters pure white blooms on strong, free-growing plant. Blooms first year.			
No. 1 -----	6 00	55 00	-----
No. 1½ -----	5 00	45 00	-----
No. 2 -----	3 20	28 00	-----
<b>Wichuriana (Memorial Rose)</b> A fine ground cover with glossy leaves and clusters of white flowers.			
No. 1 -----	4 50	40 00	350 00
No. 2 -----	2 40	20 00	180 00

## 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. PRICES ARE NET.

## SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

	HYBRID TEA	10-20 Each	20-100 Each	100-250 Each
<b>Charles Mallerin</b> , Patent No. 933. (Retail \$2.50 ea.; 3 or more \$2.20 each.) Originated in France by Francis Meilland. A gorgeous rose with blooms of midnight crimson velvet. Broad and heavy; very fragrant.				
No. 1 -----		\$ 1 40	\$ 1 25	\$ 1 20
No. 1½ -----		1 12	1 00	96
<b>Charlotte Armstrong</b> , Patent No. 455. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) 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 -----		1 25	1 12½	1 05
No. 1½ -----		1 00	90	84
<b>Chrysler Imperial</b> , Patent No. 1167. (Retail \$2.50 each; 3 or more \$2.20 each.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gemlike lustre of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.				
No. 1 -----		1 40	1 25	1 20
No. 1½ -----		1 12	1 00	96
<b>Crimson Glory</b> , See non Pat. H. T.'s.				
<b>Diamond Jubilee</b> , Patent No. 824. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.				
No. 1 -----		1 10	1 00	95
<b>Forty-Niner</b> , Patent No. 792. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient-red while the outside is a chrome-yellow, changing to straw-yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.				
No. 1 -----		1 40	1 25	1 20
No. 1½ -----		1 12	1 00	96

## ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued	10-20 Each	20-100 Each	100-250 Each
<b>Fred Howard</b> , Patent No. 1006. (Retail \$2.50 ea; 3 or more \$2.20 each.) Long, rich yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award 1952.			
No. 1 -----	\$ 1 40	\$ 1 25	\$ 1 20
No. 1½ -----	1 12	1 00	96
<b>Golden Scepter</b> , Patent No. 910. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.			
No. 1 -----	1 10	1 00	95
No. ½ -----	88	80	76
<b>Helen Traubel</b> , Patent No. 1028. (Retail \$2.50 ea.; 3 or more \$2.20 each.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened blooms display the lovely color in a more lavish way. Very vigorous. A. A. R. S. award for 1952.			
No. 1 -----	1 40	1 25	1 20
No. 1½ -----	1 12	1 00	96
<b>Katherine T. Marshall</b> , Patent No. 607. (Retail \$1.75 ea.; 3 or more \$1.55 each.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
No. 1 -----	1 00	87½	80
No. 1½ -----	80	70	64
<b>Lowell Thomas</b> , Patent No. 595. (Retail \$2.00 ea.; 3 or more \$1.75 each.) 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. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>Mirandy</b> , Patent No. 632. (Retail \$2.25 ea.; 3 or more \$2.00 each.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals display new beauties of form and is long lasting. Marvelously fragrant.			
No. 1 -----	1 25	1 12½	1 05
No. 1½ -----	1 00	90	84

## ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued	10-20 Each	20-100 Each	100-250 Each
<b>Mission Bells</b> , Patent No. 923. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.			
No. 1 -----	\$ 1 10	\$ 1 00	\$ 95
No. 1½ -----	88	80	76
<b>Mojave</b> , Patent No. 1176. (Retail \$2.75 each; 3 or more \$2.40 each.) NEW A.A.R.S. Award Winner. A Charlotte Armstrong cross retaining many of the fine plant characteristics of its parents along with the slender bud of that variety. The color is a blend of salmon, apricot and orange, and occasionally in cool weather the salmon changes to red blended with the other two colors.			
No. 1 -----	1 50	1 37½	1 30
No. 1½ -----	1 20	1 10	1 05
<b>New Yorker</b> , Patent No. 823. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.			
No. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>Nocturne</b> , Patent No. 718. (Retail \$2.00 ea.; 3 or more \$1.75 each.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>Peace</b> , Patent No. 591. (Retail \$2.50 ea.; 3 or more \$2.20 each.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, pale golden, to irridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.			
No. 1½ -----	1 12	1 00	96
<b>President Eisenhower</b> , Patent No. 1217. (Retail \$2.50 ea.; 3 or more \$2.20 each.) Large ovoid buds open wide to 4 to 5 inch blooms with 35 to 40 curved petals. Rich uniform rose-red of lasting brilliance with a strong very sweet, old rose fragrance. Blooms come singly on strong stems. Free and continuous bloomer on upright, bushy, heavy caned plants 2½ to 3 feet high, with few thorns and leathery, dark green, disease resistant foliage.			
No. 1 -----	1 40	1 25	-----
No. 1½ -----	1 12	1 00	-----

## ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued	10-20 Each	20-100 Each	100-250 Each
<b>Rex Anderson</b> , Patent No. 335. (Retail \$1.75 ea.; 3 or more \$1.55 each.) Perfectly formed slow opening blooms of delicate ivory-white against a background of heavy gray-green foliage makes this an outstanding exhibition rose. Very vigorous.			
No. 1 -----	\$ 1 00	\$ 87½	\$ 80
No. 1½ -----	88	70	64
<b>Rubaiyat</b> , Patent No. 758. (Retail \$1.75 ea.; 3 or more \$1.55 each.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly opens into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter, A.A.R.S. award for 1947.			
No. 1 -----	1 00	87½	80
No. 1½ -----	80	70	64
<b>Sun Valley</b> , Patent No. 1135. (Retail \$2.50 ea.; 3 or more \$2.20 each.) The new pure yellow rose that will not fade in bright hot sunshine. Full beautifully shaped buds open to large long lasting blooms borne on tall straight stems. The disease resistant foliage and its shining dark green tone forms a perfect foil for the golden flowers borne in season long profusion.			
No. 1 -----	1 40	1 25	1 20
No. 1½ -----	1 12	1 00	96
<b>Sutters Gold</b> , Patent No. 885. (Retail \$2.25 ea.; 3 or more \$2.00 each.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950.			
No. 1 -----	1 20	1 12½	1 05
No. 1½ -----	1 00	90	84
<b>Tallyho</b> , Patent No. 828. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Ovoid buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A.A.R.S. Award for 1949.			
No. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>Tiffany</b> , Patent applied for. (Retail \$3.00 each; 3 or more \$3.65 each) Long pointed deep pink buds with golden shading at base of petals. The double blooms have an outstanding fragrance. Petals of heavy texture are very long lasting. A. A. R. S. award for 1955.			
No. 1 -----	1 65	1 50	-----
No. 1½ -----	1 32	1 20	-----

## ROSES—Continued

PATENTED CLIMBERS		10-20 Each	20-100 Each	100-250 Each
<b>Aloha</b> , Patent No. 948. (Retail \$2.50 ea.; 3 or more \$2.20 each.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.				
No. 1	-----	\$ 1 40	\$ 1 25	\$ 1 20
No. 1½	-----	1 12	1 00	96
<b>Cl. Crimson Glory</b> , Patent No. 736. (Retail \$2.50 ea.; 3 or more \$2.20 each.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.				
No. 1	-----	1 40	1 25	1 20
No. 1½	-----	1 12	1 00	96
<b>Cl. Peace</b> , Patent No. 932. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Climbing form of the famous bush Hybrid Tea.				
No. 1	-----	1 10	1 00	95
No. 1½	-----	88	80	76
<b>Cl. Summer Snow</b> , Patent No. 400. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Everblooming white climber. Clusters of pure white flowers.				
No. 1	-----	1 10	1 00	95
No. 1½	-----	88	80	76
<b>Dr. J. H. Nicolas</b> , Patent No. 457. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.				
No. 1	-----	1 10	1 00	95
No. 1½	-----	88	80	76
<b>King Midas</b> , Patent No. 586. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.				
No. 1	-----	1 10	1 00	95
No. 1½	-----	88	80	76
PATENTED FLORIBUNDA		10-20 Each	20-100 Each	100-250 Each
<b>Chatter</b> , Patent No. 739. (Retail \$1.50 ea.; 3 or more \$1.30 each.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.				
No. 1	-----	\$ 90	\$ 75	\$ 70
No. 1½	-----	72	60	56
<b>Fashion</b> , Patent No. 789. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.				
No. 1	-----	1 10	1 00	95
No. 1½	-----	88	80	64
<b>Goldlocks</b> , Patent No. 672. (Retail \$1.50 ea.; 3 or more \$1.30 each.) Rich golden yellow, buds are ovoid in shape, long lasting, hardy, and vigorous.				
No. 1	-----	\$ 90	\$ 75	\$ 70
No. 1½	-----	72	60	56



## ROSES—Continued

PATENTED FLORIBUNDA—Continued	10-20 Each	20-100 Each	100-250 Each
<b>Holiday</b> , Patent No. 915. (Retail \$1.50 ea.; 3 or more \$1.30 each.) Orange-yellow buds brushed pink on the outside, strong vermillion red on the inside. Rich spicy fragrance.			
No. 1 -----	\$ 90	\$ 75	\$ 70
No. 1½ -----	72	60	56
<b>Jiminy Cricket</b> , Patent applied for. (Retail \$2.50 ea.; 3 or more \$2.25 each) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A. A. R. S. award for 1955.			
No. 1½ -----	1 12	1 00	-----
<b>Lavender Pinocchio</b> , Patent No. 947. (Retail \$2.00 ea.; 3 or more \$1.75 each.) An entirely new color in roses. True, clean lavender enriched by mass of golden yellow stamens. This lovely color changes at various stages.			
No. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>Lilibet</b> , Patent No. 1209. (Retail \$2.00 ea.; 3 or more \$1.75 each.) A.A.R.S. Award for 1954. The model hardy plant carries clusters of radiant roses in a color range from light rose to soft pink in the progressive stages of bloom. Mildew and spot resistant.			
No. 1 -----	1 10	1 00	-----
No. 1½ -----	88	80	-----
<b>Ma Perkins</b> , Patent No. 1143. (Retail \$2.00 ea.; 3 or more \$1.75 each.) NEW 1953 A.A.R.S. WINNER. This very free blooming Floribunda rose, with its sweetly pungent fragrance, shows a translucent light fashion color with shades of red in outer petals. A suffusion of yellow is present in all the early stages of bloom. With aging comes a soft coral shell pink. Ma Perkins is strong, yet compact. Flowers are cup shaped. Rich green foliage.			
No. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>Pinkie</b> , Patent No. 712. (Retail \$1.75 ea.; 3 or more \$1.55 each.) A new Polyantha producing an abundance of long slender and perfect little pink buds opening to flowers of about two inches across with 14 to 16 petals. Almost continuous bloom throughout the season on a two foot plant carrying light green glossy foliage. Flowers have spicy fragrance. A.A.R.S. award for 1948.			
No. 1 -----	1 00	87½	80
No. 1½ -----	80	70	64
<b>Pinocchio</b> , Patent No. 484. (Retail \$1.50 ea.; 3 or more \$1.30 each.) 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.			
No. 1 -----	90	75	70
<b>Red Pinocchio</b> , Patent No. 812. (Retail \$1.50 ea.; 3 or more \$1.30 each.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; prolific bloomer.			
No. 1 -----	90	75	70
No. 1½ -----	72	60	56

## ROSES—Continued

## PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each
<b>Summer Snow</b> , Patent No. 416. (Retail \$1.50 ea.; 3 or more \$1.30 each.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.			
No. 1 -----	\$ 90	\$ 75	\$ 70
No. 1½ -----	72	60	56
<b>Vogue</b> , Patent No. 926. (Retail \$2.00 ea.; 3 or more \$1.75 each.) New Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flower. Rich spicy fragrance. A. A. R. S. award for 1952.			
No. 1 -----	1 10	1 00	95
No. 1½ -----	88	80	76
<b>White Pinocchio</b> , Patent No. 1010. (Retail \$1.50 each; 3 or more \$1.30 each.) New outstanding Floribunda, semi-double flowers of pure white with yellow stamens. Large 2 to 2½ in. flowers.			
No. 1 -----	90	75	70
No. 1½ -----	72	60	56
<b>Yellow Pinocchio</b> , Patent No. 992. (Retail \$1.50 ea.; 3 or more \$1.30 each.) Newest member of the Pinocchio family. Sturdy bush about three feet tall, producing great masses of bloom in an apricot-yellow color. When at the peak of bloom, it is a rounded mound of yellow.			
No. 1 -----	90	75	70
No. 1½ -----	72	60	56

## PATENTED GRANDIFLORA ROSES

The New Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-200 Each	100-250 Each
<b>Buccaneer</b> , Patent No. 1119. (Retail \$2.75 ea.; 3 or more \$2.40 each.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.			
No. 1 -----	\$ 1 50	\$ 1 37½	\$ ----
No. 1½ -----	1 20	1 10	----
<b>Carrousel</b> , Patent No. 1066. (Retail \$2.00 ea.; 3 or more \$1.75 each.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.			
No. 1 -----	1 10	1 00	----
No. 1½ -----	88	80	----
<b>Queen Elizabeth</b> . Patent No. 1259 (Retail \$3.00 each; 3 or more \$2.65 each) Pure pink blooms of the Hybrid Tea type on long stems. Glossy deep green foliage. A. A. R. S. award for 1955			
No. 1 -----	1 65	1 50	----
No. 1½ -----	1 32	1 20	----

Our roses are stored in our cold storage, where temperature and humidity is thermostatically controlled. We have equipped this storage with ultra-violet ray lamps which enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants.

## HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (★) especially suited for rock-garden.

	Per 10	Per 100
<b>ALYSSUM,</b>		
Saxatile Compactum. Gold Dust, fine dwarf, bright flowered. April-May. -----	\$ 1 20	\$ 10 00
<b>AQUILEGIA, Columbine, May-June.</b>		
Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late. -----	1 40	12 00
★Coerulea (Rocky Mountain Blue Columbine.) 2 ft.-----	1 40	12 00
Longissima, long spurred light yellow. -----	1 40	12 00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.-----	1 20	10 00
Lavender and Blue Shades, long spurred flowers. 2 ft.-----	2 10	18 00
Orange and Scarlet Shades, long-spurred flowers. 2 ft. -----	2 10	18 00
Silver Queen, White -----	1 40	12 00
<b>ARTEMESIA-Southernwood, Sage Brush.</b>		
Silver King. A striking white leaved contrast plant. Entire color effect bright frosted silver. Fine for winter bouquets. 3 ft. -----	2 10	18 00
<b>BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)</b>		
<b>CAMPANULA, Bellflower</b>		
Medium (Single canterburybells), large bell-shaped flowers. Blue, Rose and White, separate colors. June. 2 ft. -----	1 40	12 00
<b>CHRYSANTHEMUMS</b>		

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2½ inch pot plants.

### STANDARD AND KOREAN VARIETIES

	Per 10	Per 100
<b>Algonquin</b> , a very hardy variety, with healthy foliage. Flowers withstand 25 degree temperature. Pure bright yellow flow- ers; large and double. Early. -----	\$ 1 80	\$ 15 00
<b>Dahlia Flower</b> , low growing branchy plants covered with bloom of a deep wine red. -----	1 80	15 00

### SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

<b>Alert</b> . One of the best large early dark purple. Mid September. -----	1 80	15 00
<b>Charm Spoon</b> . Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches. -----	2 40	20 00
<b>Edgar Guest</b> , rust colored, little taller than cushion. -----	2 10	18 00
<b>Gold Pagent</b> . Masses of 3 inch double flowers of gold with a darker shimmering sheen. Orange buds create a con- trasting mass of harmonious beauty. Flowers withstand 25 degree temperature. Blooms early — September 25th. --	2 10	18 00
<b>Huntsman</b> , bright scarlet orange overlaid with bronze tints. Hardy and good cut flower. Early October. -----	2 90	25 00
<b>Ivory Glow (U.S.D.A.)</b> Double recurved crisp waxy petals. White overlaid with ivory. Erect 2 foot plant. 3 inch flowers. Oct. 1.-----	2 10	18 00

**HARDY PERENNIAL PLANTS—Continued**

<b>Little Eskimo.</b> Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches. -----	\$ 1 80	\$ 15 00
<b>Maroon &amp; Gold,</b> rich 4 inch flowers of mahogany bronze. Early September. 24 inches. -----	2 10	18 00
<b>Orchid Helen.</b> Orchid-pink flowers on strong healthy plant. Early September. 18 inches. -----	2 10	18 00
<b>Pink No. 1092,</b> lavender-pink, upturned petals. Good cut flower. Sept. 15. 18 inches. -----	2 10	18 00
<b>Purple Star.</b> Bright dahlia-purple flowers of star-like shape, semi-double to nearly double. Early September. 2 ft. -----	2 10	18 00
<b>September Bronze.</b> Golden bronze pompom. Late September. 18 inches. -----	2 10	18 00
<b>September Dawn.</b> Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks. -----	2 10	18 00
<b>Tribute.</b> Large double flower opening daphne red and maturing daphne-pink. Early September. 22 inches. -----	2 10	18 00

**UNIVERSITY OF MINNESOTA INTRODUCTIONS**

	Per 10	Per 100
<b>Butterball.</b> Double ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches. -----	\$ 2 10	\$ 18 00
<b>Chippewa.</b> Bright aster-purple, slightly incurved. Early September. 24 inches. -----	2 10	18 00
<b>Dark Red Gold.</b> Reddish-bronze, pompom like blooms. August 20. 20 inches. -----	2 10	18 00
<b>Dr. Longley.</b> Double bright rose pink. August 20. 18 in. -----	2 90	25 00
<b>Glacier.</b> Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late Aug. 16 inches. -----	2 10	18 00
<b>Martin's White.</b> Four inch pure white flowers on compact bushy plant. September 15. -----	2 10	18 00
<b>Red Gold.</b> Double. Blooms are a lively combination of red and golden orange. Flowers withstand 25 degree temperature. Late August. 20 inches. -----	2 10	18 00

**UNIVERSITY OF CHICAGO INTRODUCTIONS**

<b>Courageous.</b> Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September. -----	2 10	18 00
<b>Early Harvest.</b> Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches. -----	2 10	18 00
<b>Ermine.</b> Fully double, wide petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut. Blooms Oct. --	2 90	25 00
<b>Fairbow.</b> Heavy blooming lavender-pink pompom. Splendid upright growth makes it a good cut flower. Early Sept. --	2 10	18 00
<b>Magnificent.</b> Flowers of plum-red or rosy-cardinal with coppery cast. Strong branches with 4 in. flowers excellent for cutting. Early October. -----	2 10	18 00
<b>Meditation.</b> Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches. -----	2 10	18 00
<b>Olive Longland.</b> Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches. -----	2 10	18 00
<b>Remembrance.</b> Deep ruby-carmine color that is retained for the life of the flower. Very frost hardy. Late September. -----	2 40	20 00
<b>Ruthann Lehman.</b> Intense canary-yellow. Mid. September. 24 inches. -----	2 90	25 00

**HARDY PERENNIAL PLANTS—Continued****NEW HARDY ENGLISH CHRYSANTHEMUMS**

<b>Indiana.</b> Double blooms of rich velvety crimson shaded darker at the center borne on long stems. Good disbudded or in sprays. Late September. 24 inches. -----	Per 10	Per 100
	\$ 2 40	\$ 20 00
<b>Orange Glow.</b> Orange-bronze flowers with gold reverse. Blooms profusely on good stems. Disbudding not necessary. Double. Mid-September. 26 inches. -----	2 90	25 00

**NEW UNIVERSITY OF NEBRASKA INTRODUCTIONS**

<b>Leshara.</b> Mulberry red shading with age to soft red with old rose overtones. Heavily branched plants. Frost resistant. Mid September. 30 inches -----	Per 10	Per 100
	\$ 2 40	\$ 20 00
<b>Osceola.</b> Long stemmed flowers of bright yellow with coppery hues. Late August. 36 inches. -----	2 40	20 00
<b>Plainsman.</b> Double high centered flowers of deep rusty bronze-red. Strong upright 2 to 2½ foot prolific plants. Forst tolerant. Early September -----	1 80	15 00

**CARPET CHRYSANTHEMUMS**

<b>Golden Carpet.</b> A creeping mound of golden yellow pompons.-----	2 40	12 00
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**CUSHION CHRYSANTHEMUMS**

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
<b>Bronze Cushion.</b> double flowers compact mounds of bronze and copper. Early. -----	\$ 1 80	\$ 15 00
<b>Dropmore Rose.</b> Double rose pink. Late Aug. 12 to 16 inches. -----	2 10	18 00
<b>Elite.</b> Apricot-bronze sport of Major. Sept. 20. 15 inches. -----	1 80	15 00
<b>Omaha (Univ. of Nebr.),</b> golden orange flowers; quilled petals. 2 inch blooms on plants 24 in. across and 18 in. high. Oct. 1. -----	2 40	20 00
<b>Pink Cushion.</b> Masses of light pink flowers in broad mounds. -----	1 80	15 00
<b>Purple Cushion.</b> A perfectly shaped, round, bushy plant. Double purplish-rose colored flowers, with deep wine centers. -----	2 40	20 00
<b>Red Cushion.</b> A splendid improved early crimson red variety. -----	1 80	15 00
<b>Tecumseh.</b> Erythrite-red changing to buff-bronze with pink shading. Early August. 12 to 15 inches. -----	2 10	18 00
<b>White Cushion.</b> a select strain, double white flowers. -----	1 80	15 00
<b>Yellow Supreme.</b> Double bright lemon yellow. -----	1 80	15 00

**CARNATION HARDY—See Dianthus Grenadin Caryophyllus**

<b>COREOPSIS, Tickseed</b>	Per 10	Per 100	Per 1000
<b>Mayfield Giant,</b> large yellow flowers on firm, strong stems. -----	\$ 1 20	\$ 10 00	\$ 80 00

**DAISY SHASTA, Chrysanthemum Maximum**

<b>Alaska Supreme,</b> shapely plants, large flowers. June-July. -----	1 20	10 00	80 00
<b>Dieters Giant Double,</b> many of the blooms are large and very double; an excellent cut flower variety. June-July. 2 ft. -----	1 80	15 00	-----

**DELPHINIUM ENGLISH HYBRIDS**

<b>Wrexham Giant Strain.</b> This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of blue mauve and pink. -----	1 80	15 00	-----
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**DELPHINIUM, MISCELLANEOUS VARIETIES**

<b>Cliveden Beauty,</b> large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.-----	1 20	10 00	80 00
<b>La Martine,</b> dark indigo-blue flowers. Blooms profusely and continuously all summer, is not subject to disease. 4 to 5 ft. -----	1 20	10 00	80 00

## HARDY PERENNIAL PLANTS—Continued

## ★DIANTHUS.

**Barbatus, Old Fashioned Sweet William.**

This is the old fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

**Nigrescens**, very dark crimson flowers and bronzy foliage. \_\_\_\_\_

**Purple Beauty**, Bright deep purple. \_\_\_\_\_

**Scarlet Beauty**, 18 inches. \_\_\_\_\_

## DIANTHUS GRENADIN CARYOPHYLLUS

## (HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties. \_\_\_\_\_

**Golden Sun**, Early flowering, very double, large clear yellow flowers. \_\_\_\_\_

**King of the Blacks**, Deep Maroon. Almost black. \_\_\_\_\_

**Cardinal**, Bright scarlet. \_\_\_\_\_

**White**. \_\_\_\_\_

## ★DIELYTRA, (DICENTRA) Bleeding Heart

Per 10 Per 100

**exima, Fern-leaved Bleeding Heart**, A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 inch. \_\_\_\_\_

**spectabilis**, an old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 18 in. Undivided plants. 3 to 5 eye. \_\_\_\_\_

## ★FUNKIA, Hosta, plainstain Lily

**lanceifolia**, green foliage, lilac flowers. July-Aug. 18 in. \_\_\_\_\_

**Variegata**, variegated foliage, blue flowers. \_\_\_\_\_

## GAILLARDIA, Blanket Flower. June until frost.

**Burgundy**, rich wine-red; excellent for cutting. 1½ to 2 ft. \_\_\_\_\_

**Dazzler**, large golden and maroon flowers, strong stems. 1½ ft. \_\_\_\_\_

## GYPSOPHILA, Baby's Breath

**paniculata compacta**, snow white double. A symmetrical mass of minute white flowers during August and September. 2 ft. \_\_\_\_\_

## HEMEROCALLIS, Day Lily

**Dawn**, A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches. \_\_\_\_\_

**Flava**, Large lemon yellow, sweet scented, profuse June. 2½ ft. \_\_\_\_\_

**Floerham**, large trumpet-shaped golden yellow flowers. June. \_\_\_\_\_

**Kwanso Fl. Pl.**, a double-flowering variety; rich golden bronze \_\_\_\_\_

**Margaret Perry**, brilliant coppery crimson flowers with clear July-August. 4 ft. \_\_\_\_\_

**Mrs. W. H. Wyman**, Flowers 5 inches, spranding recurving form, pale glistening yellow. One of the latest to bloom. August. 3½ ft. \_\_\_\_\_

**Thunbergi**, much like Flava but flowers one month later July 2½ ft. \_\_\_\_\_

## ★HEUCHERA, Coralbells

**brizoides**, coral-pink, very prolific. May. 12 in. 2 in. pot plants. \_\_\_\_\_

## HIBISCUS, Rose Mallow

**Marvel's Pink**, pure pink, no eye. \_\_\_\_\_

**Marvel's Red**, pure red, no eye. \_\_\_\_\_

**Marvel's White**, pure white, no eye. \_\_\_\_\_

## LATHYRUS, Everlasting Sweet Pea

**latifolium**, a lovely trailing plant that blooms all summer.

Pink, Red and White, separate colors. 3 ft. \_\_\_\_\_

## HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
<b>LAVENDULA (Lavender)</b>		
Vera, fragrant blue flowers. The true sweet Lavender. July and August. 18 in. -----	\$ 2 00	\$ 18 00
★ <b>LINUM, Flax</b>		
perenne alba, white flowers, upright growth. -----	1 20	10 00
<b>LOBELIA, Indian Paintbrush</b>		
Cardinalis, Cardinal Flower, rich, fiery cardinal flowers often producing 5 to 6 spikes. August-September. 30 in. -----	1 80	15 00
<b>LYCHNIS, Campion</b>		
Chalcedonica, Maltese Cross, vivid scarlet flowers. July. 2 ft.	1 40	12 00
<b>LYTHRUM.</b>		
The Beacon. For small border or large mass planting, the long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost. -----	2 10	18 00
Morden's Pink. Large flower sprays of clear pink. July-Sept. 2-3 ft. -----	2 10	18 00

**MORDEN'S ROSE LYTHRUM**

The very newest Lythrum from the Modern Experiment Station Manitoba, Canada. The plant is shapely and neat. Abundant foliage is dark green and glossy. Rich rose red flowers are the brightest yet seen in Lythrum. Aug.

Per 10 Per 100  
\$ 2 90 \$ 25 00

	Per 10	Per 100
<b>PENSTEMON, Beard Tongue</b>		
Rose Elfe, an outstanding new hardy Barbatus type producing masses of lovely coral-pink blooms. June-July. 2-3 ft.---	\$ 2 90	\$ 25 00

**PHLOX—Paniculata**

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed. Per 10 Per 100

<b>American Beauty.</b> A beautiful deep rose-pink. All that the name implies. -----	\$ 1 80	\$ 15 00
<b>Annie Laurie.</b> Rich, deep salmon. Large trusses. Grows to a height of about three feet. -----	1 80	15 00
<b>Harvest Fire,</b> large, salmon-orange trusses made up of large florets. -----	1 80	15 00
<b>Leo Schlageter,</b> brilliant scarlet with orange cast. 36 inches. -----	1 80	15 00
<b>Lillian,</b> a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.-----	1 80	15 00
<b>Orange Beauty.</b> One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower. -----	1 80	15 00
<b>Prime Minister,</b> pure white with distinct crimson eye. -----	1 80	15 00
<b>Progress.</b> Superb light blue, handsomely set off with deeper purple-blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.----	2 10	18 00
<b>Purple Sweetheart,</b> large reddish purple with darker eye. One of the best purples. -----	2 10	18 00
<b>Salmon Beauty,</b> one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox. 2 ft. -----	1 80	15 00
<b>San Antonio,</b> plum red. Heads and individual florets very large. -----	2 10	18 00
<b>Starlight,</b> large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand. -----	1 80	15 00
<b>World Peace.</b> Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white. -----	2 40	20 00

## HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
<b>PHLOX, subulata, Moss or Mountain Pinks</b>		
Alba, pure white flowers cover the compact plant in May. . . . .	\$ 1 40	\$ 12 00
atropurpurea, deep carmine red, darker eye. May-June. 4 in. . . . .	1 40	12 00
Autumn Rose. A fine pink recurrent flowering variety. Blooming in early spring as well as late summer. . . . .	2 10	18 00
Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage. . . . .	1 80	15 00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox. . . . .	1 80	15 00
lilacina, a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in. . . . .	1 40	12 00
May Snow. An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches. . . . .	2 10	18 00
Moerheimi. An excellent Dutch introduction producing large pink flowers in spring. . . . .	2 10	18 00
Samson, Rose-pink; darker eye. Blooms again in the Fall. . . . .	1 40	12 00
Setacea Camlo, pure pink. Does not creep, remains a neat and tidy plant. Cut plants back about one half after blooming and will bloom again in fall. May-June. 8 inches. . . . .	2 40	20 00
White Delight. One of the newer subulata varieties, having dazzling white flowers in early spring. . . . .	2 40	20 00
<b>PHYSOSTEGIA, False Dragonhead</b>		
Virginica Vivid, large deep pink, splendid cut flowers. Dwarf. . . . .	2 10	18 00
<b>PLATYCODON, Balloon Flower. June and July. 18 in.</b>		
grandiflorum, blue. . . . .	1 40	12 00
<b>PLUMBAGO, Leadwort</b>		
★Larpentae, Desirable border and rock plant. Dwarf spreading habit. Covered with deep blue flowers during late summer and fall. 6 inches. . . . .	1 80	15 00
<b>POLYGONUM (Dwarf Lace Plant)</b>		
Reynoutria, pale green foliage turns brilliant red in autumn. Hardy ground cover that easily establishes itself in full sunlight. Fall. 4 to 6 inches. . . . .	2 40	20 00
★ <b>SEDUM, Stonecrop</b>		
Acre, (Golden Moss), green foliage, yellow flowers. July. 4 inches. . . . .	1 40	12 00
Kamtschaticum. Orange-yellow flowers with prostrate, green foliage turning golden in autumn. . . . .	1 80	15 00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches. . . . .	1 80	15 00
Spectabilis Brilliant, light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches. . . . .	1 80	15 00
★ <b>VINCA, Periwinkle</b>		
minor, Bowles Variety, blue flowers, beautiful glossy, evergreen foliage. . . . .	2 10	18 00
<b>YUCCA FILAMENTOSA</b>		
Creamy-yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions. . . . .	2 10	18 00

## LILIES

## Domestic Grown

	Per 10	Per 100
regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft. 4 to 6 in. . . . .	\$ 90	\$ 7 00
speciosum rubrum. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep. 6 to 8 inches. . . . .	2 90	25 00



## LILIES—Continued

<b>tenuifolium</b> (Coral L). Narrow-leaved; deep scarlet waxen recurved flowers. June, 15 in.	Per 10	Per 100
2 to 3 in. -----	\$ 70	\$ 6 00
3 to 4 in. -----	1 00	8 00
4 to 5 in. -----	1 40	12 00
<b>tigrinum</b> , the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in. -----	1 00	8 00
Double 6 to 8 in. -----	1 40	12 00

## LILY-OF-THE-VALLEY

(Convallaria majalis)

Very fragrant pure white, bell-shaped flowers for shaded locations.

Pips -----	Per 10	Per 100
	\$ 40	\$ 3 50

## ★TUBEROSES, (Mexican)

This is the best of all Tuberoses. Single flowering, very fragrant. Blooms July-Aug.

No. 1 size -----	80	7 00
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## SPRING BULBS

## CANNAS

The cannas we are offering are strong 3 to 5 eye divisions properly matured and cured to insure the best possible results-----	Per 100	Per 1000
	\$ 8 00	\$ 75 00

**Hungaria**, rich soft pink flower; free-flowering, vigorous. 4 ft. tall. Green foliage.**The President**, immense firm flowers of rich glowing scarlet produced on strong erect stalks well above the large rich green foliage. 4 ft. tall.**Pink Giant**, large salmon-pink flowers. 4 ft. tall. Green foliage.

## DAHLIAS

<b>DECORATIVE</b>	Per 10	Per 100
<b>Avalon</b> , the finest canary yellow; excellent for cutting ----	\$ 1 80	\$ 15 00
<b>Commando</b> . Bloom 12 x 5 in. Dark lavender. Heavy insect resistant foliage. Early and prolific. -----	4 00	35 00
<b>Gertrude Brinton</b> , brilliant scarlet-crimson. -----	1 80	15 00
<b>Rose Glory</b> , orchid pink. -----	1 80	15 00
<b>Scarlet Beauty</b> , large scarlet. -----	1 80	15 00
<b>White President</b> -----	2 20	20 00

## BALL

Ball-shaped flowers, four to eight inches in diameter----- 1 50 12 00

## PINK

## RED

## WHITE

## YELLOW

## GLADIOLI

	Per 100	Per 1000
<b>Cardinal Spelman</b> , giant pink. -----	\$ 4 50	\$ 40 00
<b>General Eisenhower</b> , deep bright pink. Large flowers. -----	4 50	40 00
<b>Hopman's Glory</b> , tall sunflower yellow. Early. -----	4 50	40 00
<b>June Bells</b> , pure white. Strong stem and large flowers. ----	4 50	40 00
<b>Leuvenhorst</b> , tall early pink. -----	4 50	40 00
<b>Pactolus</b> , brilliantly colored, apricot gold with orange-red blotch. -----	4 50	40 00
<b>Purple Supreme</b> , tall spikes of rich purple flowers, many of them open at once. -----	4 50	40 00
<b>Pink</b> -----	4 50	40 00
<b>Purple</b> -----	4 50	40 00
<b>Red</b> -----	4 50	40 00
<b>Yellow</b> -----	4 50	40 00
<b>White</b> -----	4 50	40 00

Per 100

## BEGONIA, TUBEROSE ROOTED

Suitable for indoors or outside shady spots. Continuous bloomer. Mixed

Colors -----	\$ 6 50
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