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Lake's

BULLETIN NO. 2
MARCH 21, 1953

SHENANDOAH NURSERIES

Shenandoah, Iowa

Promotion Sales!

See Them Coming!

Keep Them Coming!

Use Today's Specials
For Store Traffic

	Page
Red Vein Crab 5-6 ft.	11
True Red Quince	17
Hydrangea A.G. and Peegee	19
Weigela E. Rathke Red.	25
Rosa Excelsa or Excelsa Pillar.	33
Begonia Special Tuberous Mix.	47

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK FOR OVER 83 YEARS

TERMS AND CONDITIONS OF SALE

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

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

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses (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 are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

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

Under 300 bulbs take 100 rates.

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

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

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. **ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.**

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

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

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

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

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice Pres.

J. D. CRAMER, Sales Manager.

R. H. FILLMORE B. A., M. S. Research

APPLE—DWARF

	Per 10
Two Year, 5/16 to 7/16 in.	\$ 6 50
	5/16"
Delcon (Semi-Dwarf)	40
Delicious Yellow	40
Jonathan Dark Red	50
McIntosh Dark Red	70
Stayman Dark Red	90

CHERRY—Sour, Two Year

(On Mahaleb)

	Per 10	Per 100
5 ft. and up, 1 in. and up	\$ 11 50	\$
4 " " " 11/16 in. and up	9 00	85 00
3½ " " " 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
	1" 11/16" 9/16" 7/16" 5/16"	
Early Richmond	370 300 50	110
Eng. Morello	80	140
Montmorency	280 1860 150 1030	120

**HERE AGAIN A SMALL AMOUNT OF THE FAMOUS
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
30 4 ft. and up, 1" and up		\$11 00	\$
540 3½ " " " 11/16 in. and up		10 00	95 00
220 3 " " " 9/16 to 11/16 in.		9 00	.....
110 2½ " " " 7/16 to 9/16 in.		7 50	.....
110 2 " " " 5/16 to 7/16 in.		5 50	.....

CHERRY—Sweet, One and Two Year

(On Mahaleb)

	Per 10	Per 100
3 ft. and up, 7/16 to 9/16 in., barched & whips	\$ 7 00	\$ 65 00
2 " " " 5/16 to 7/16 in., mostly whips	5 00	45 00
	7/16" 5/16"	
Bing		
Black Tartarian		40
Kansas Sweet	50	30
Lambert		70
Napoleon		230
Schmidt's Big	110	
Victor		80
Windsor	10	120
Yellow Glass	380	240

HANSEN'S BUSH CHERRY

(Improved Besseyi)

	Per 10	Per 100	Per 1000
The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.			
150 3 to 4 ft., transplants	\$ 4 00	\$	\$
1530 18 to 24 in., "	2 40	20 00	180 00
1290 12 to 18 in., "	1 90	16 00	140 00
150 18 to 24 in., one year seedlings		8 00	70 00
980 6 to 12 in., " " "		4 00	35 00

PEAR STANDARD

				Per 10	Per 100
Two Year, 5 ft. and up, 1 in., and up				\$ 9 50	\$-----
" " 4½ " " " 11/16 to 1 in.				8 00	75 00
" " 4 " " " 9/16 to 11/16 in.				7 00	65 00
" " 3 " " " 7/16 to 9/16 in.				6 00	55 00
" " 2 " " " 5/16 to 7/16 in.				4 00	35 00

	1"	11/16"	9/16"	7/16"	5/16"
Bantam	-----	-----	80	30	50
Bartlett	-----	1900	280	50	20
Cope's Seedless	-----	-----	60	-----	110
Douglas	-----	500	570	-----	170
Gorham	-----	170	270	30	70
Kieffer	40	720	280	-----	-----
Lincoln	-----	420	60	-----	70
Mendel	-----	-----	330	60	50
Orient	-----	180	120	-----	30
Parker	-----	-----	70	-----	-----
Seckel	-----	100	550	40	230

PEAR—DWARF

		Per 10
Two Year, 11/16 in. and up	-----	\$12 50
" " 5/16 to 7/16 in.	-----	4 50
		11/16" 5/16"
Bartlett	-----	200 60

PEACH—One Year

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$ 6 50	\$ 60 00	\$-----
4 " " " 9/16 to 7/16 in.	6 00	55 00	-----
3 " " " 7/16 to 9/16 in.	4 50	40 00	350 00
2 " " " 5/16 to 7/16 in.	3 20	28 00	250 00

	11/16"	9/16"	7/16"	5/16"
Belle of Georgia	-----	-----	1610	1920
Champion	-----	100	60	60
Early Crawford	100	80	260	130
Early Elberta	-----	100	1170	1410
Early Elberta Sullivan's	-----	70	280	180
Elberta	400	-----	300	2610
Frank	-----	-----	90	50
Golden Jubilee	100	-----	1600	1560
Hale Haven	-----	-----	210	920
Heath Cling	200	320	180	100
Indian Cling	-----	30	-----	-----
J. H. Hale	100	100	340	1180
Mayflower	-----	-----	80	50
Polly	-----	70	30	40
Red Haven	-----	70	-----	140
Rochester	80	-----	640	600
South Haven	-----	30	540	270
Valiant	-----	-----	60	780
Vedette	-----	40	100	80

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.

		Per 10	Per 100	Per 1000
200	3 ft. and up, 7/16 to 9/16 in.	\$ 5 50	\$ 50 00	\$450 00
900	2 " " " 5/16 to 7/16 in.	4 50	40 00	350 00

Suggested retail price 10¢ per tree higher than unpatented varieties.

APRICOT —One Year

(On Peach Roots)

			Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.			\$ 7 00	\$ 65 00	\$ 600 00
2 " " " 5/16 to 7/16 in.			5 50	50 00	450 00
				7/16"	5/16"
Early Golden					200
Manchu				30	970
Moorpark					150
Perfection				120	110
Scout				120	70
Superb				570	730

NECTARINE

Per 10 Per 100

One Year, 3½ ft. and up, 9/16 to 11/16 in.		\$ 7 50	\$ 70 00
" " 3 " " " 7/16 to 9/16 in.		5 50	50 00
" " 2 " " " 5/16 to 7/16 in.		4 00	35 00
	9/16"	7/16"	5/16"
Hunter	20	110	60
Surecrop	140	290	180

PLUM**EUROPEAN and JAPANESE**

(On Myrobolan)

Per 10 Per 100

(On May 15, 1900)				
4½ ft. and up, 11/16 in. and up			\$ 8 00	\$ 75 00
4 " " " 9/16 to 11/16 in.			7 00	65 00
3 " " " 7/16 to 9/16 in.			5 50	50 00
2 " " " 5/16 to 7/16 in.			4 00	35 00
	11/16"	9/16"	7/16"	5/16"
Burbank	240	60	80	110
Green Gage	200		40	80
Italian Prune	60		50	70
Red June			150	50
Stanley Prune		70		160
Yellow Egg		60	60	

HOWARD'S MIRACLE

Patent No. 721

A new truly miracle plum. Flavor resembles combination of nectarine, peach, and plum. Fruit is large averaging 2½ to 2¾ inches in diameter. Ripens over long period during July and August. Good keeper. A fast growing and quick bearing tree, often bearing second year after planting. Tree is medium size and attractive as ornamental tree. Tests show hardness as far north as Northern Ohio. Can safely be planted where temperatures do not go below zero.

		Per 10	Per 100
70	4 ft. and up, 9/16 in. to 11/16 in.	\$ 8 50	\$ 80 00
110	3 " " " 7/16 in. to 9/16 in.	7 50	70 00

(Suggested minimum retail price, \$2.00 each)

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

(On Native Roots)				Per 10	Per 100
4½ ft. and up, 11/16 to 1 in.	-----			\$ 8 00	\$ 75 00
4 " " " 9/16 to 11/16 in.	-----			7 00	65 00
3 " " " 7/16 to 9/16 in.	-----			5 50	50 00
2 " " " 5/16 to 7/16 in.	-----			4 00	35 00
	11/16"	9/16"	7/16"	5/16"	
Ames No. 200	-----	60	-----	-----	-----
Compass	-----	30	-----	140	-----
Ember	-----	30	-----	-----	-----
Hanska	-----	-----	50	-----	120
Kaga	-----	20	80	-----	20
Oka	-----	120	170	-----	30
Omaha	-----	100	-----	-----	-----
Opata	-----	40	150	-----	-----
Pipestone	-----	100	20	-----	-----
Radiance	-----	90	80	40	240
Red Coat	-----	100	20	-----	20
Sapa	-----	30	60	-----	30
Shrop. Damson	-----	-----	-----	160	-----
Superior	-----	-----	-----	40	20
Terry	-----	-----	30	80	20
Toka	-----	60	-----	-----	-----
Underwood	-----	80	30	20	20

BLACKBERRIES

Tied 25 per Bundle

	Per 100	Per 1000
3000 ✓ Early Harvest, No. 1	\$ 6 00	\$ 55 00

CURRENTS

	Tied, No. 1, 25; No. 2, 50 per Bundle.	Per 100	Per 1000
500 ✓ Cherry, dark red, 2 Yr. No. 1	-----	16 00	140 00
300 " " " 2 Yr. No. 2	-----	12 00	100 00
✓ Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.			
300 2 Year, No. 1	-----	19 00	160 00
400 2 Year, No. 2	-----	14 00	120 00

GOOSEBERRIES

Tied 25 per Bundle.

	Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.	Per 100	Per 1000
300 2 Yr. No. 1	-----	\$35 00	\$
500 2 Yr. No. 2 or 1 Yr. No. 1	-----	30 00	-----

RASPBERRIES

Tied 25 per Bundle.

	Chief, a Latham seedling, finest early red; heavy producer.	Per 100	Per 1000
2000 No. 1 Suckers	-----	\$ 8 00	\$ 75 00
5000 Cumberland, most widely planted black-cap Raspberry.	-----	5 50	50 00
Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.	-----	9 00	85 00
3000 1 Yr. No. 1 Suckers	-----	8 00	75 00
7000 Latham, a large, productive red variety, always in demand.	-----	8 00	75 00
2000 No. 1	-----	6 50	60 00
Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.	-----	7 00	65 00
2000 Tips	-----	7 00	65 00
Sodus, a new very large drought-resistant purple Raspberry; possibly most productive of all Raspberries.	-----	7 00	65 00
2000 1 Yr. No. 1 Tips	-----	7 00	65 00

GRAPE VINES

Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle

		Per 100	Per 1000
500	Agawam, red, 2 Yr. No. 2 or 1 Yr. No. 1.....	\$14 00	\$120 00
300	Beta, black, 2 Yr. No. 2 or 1 Yr. No. 1.....	14 00	120 00
	Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
300	2 Yr. No. 1.....	22 00	200 00
300	2 Yr. No. 2 or 1 Yr. No. 1.....	18 00	160 00
3000	Concord, black 2 Yr. No. 1.....	14 00	120 00
7000	" " 2 Yr. No. 2 or 1 Yr. No. 1.....	10 00	90 00
	Golden Muscat, large, golden grape of California type; very sweet; large bunches. Hardy in Middle West.		
150	2 Yr. No. 1.....	60 00	-----
300	2 Yr. No. 2 or 1 Yr. No. 1.....	50 00	-----
500	Moore's Early, black, 2 Yr. No. 1.....	19 00	160 00
500	" " 2 Yr. No. 2 or 1 Yr. No. 1.....	15 00	130 00
1100	Niagara, white, 2 Yr. No. 1.....	18 00	150 00
100	" " 2 Yr. No. 2 or 1 Yr. No. 1.....	14 00	120 00
	Portland, earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
50	2 Yr. No. 1.....	22 00	-----
300	2 Yr. No. 2 or 1 Yr. No. 1.....	16 00	-----
	Sheridan, black. Ripens one week later than Concord; better flavor; an excellent keeper.		
300	2 Yr. No. 1.....	22 00	-----
300	2 Yr. No. 2 or 1 Yr. No. 1.....	16 00	-----

MISCELLANEOUS

		Per 100	Per 1000
10000	Asparagus, Conover's Washington Palmetto, 3 Yr. No. 1...	\$ 3 50	\$ 30 00
25000	" " " " 2 Yr. No. 1.....	2 60	22 00
20000	" " " " 1 Yr. No. 1.....	1 80	15 00
	Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
1000	3 Yr. No. 1.....	3 50	30 00
10000	2 Yr. No. 1.....	2 60	22 00
5000	1 Yr. No. 1.....	1 80	15 00
3000	Boysenberry, Tip plants.....	6 00	55 00
5000	Boysenberry, Thornless, Tip plants.....	7 00	65 00
1000	Dewberry, Lucretia, R. C. Plants, No. 1.....	5 60	50 00
5000	Horse Radish, Crowns.....	6 00	55 00
25000	" " Cuttings.....	3 00	25 00
10000	Rhubarb, Victoria, Whole Roots, 1 Yr. 5/8 to 1 in.....	5 00	45 00
10000	" " " " 1/2 to 5/8 in.....	4 00	35 00
		Per 10	Per 100
500	Rhubarb, Chipman Red, sweet and of excellent flavor; stems dark red throughout.....	\$ 4 50	\$ 40 00
500	Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.....	3 20	28 00
300	Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.....	3 20	28 00

DECIDUOUS TREES AND ORNAMENTAL 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.

	Per 100	Per 1000
ASH, GREEN (<i>Fraxinus pennsylvanica lanceolata</i>) ..		
4800 6 to 12 in.	\$ 1 20	\$ 10 00
3300 12 to 18 in.	1 80	15 00
3550 18 to 24 in.	2 50	22 00
120 2 to 3 ft.	3 50	30 00
1020 3 to 4 ft.	5 00	45 00
330 4 to 5 ft.	7 00	60 00
BOX ELDER (<i>Acer Negundo</i>)		
880 6 to 12 in.	1 20	10 00
920 12 to 18 in.	1 80	15 00
100 18 to 24 in.	2 60	22 00
CARAGNA arborescens (<i>Siberian Peashrub</i>)		
6600 6 to 12 in.	2 10	18 00
5500 12 to 18 in.	3 50	30 00
800 2 to 3 ft.	6 00	55 00
CATALPA speciosa, Western Catalpa		
9800 6 to 12 in.	1 20	10 00
5600 12 to 18 in.	1 70	14 00
3500 18 to 24 in.	2 40	20 00
400 2 to 3 ft.	3 50	30 00
CHESTNUT CHINESE, <i>Castanea mollissima</i>		
250 6 to 12 in.	8 50	75 00
120 12 to 18 in.	14 00	110 00
300 18 to 24 in.	20 00	180 00
200 2 to 3 ft.	22 00	200 00
CORYLUS AMERICANA, (<i>American hazelnut</i>)		
170 6 to 12 in.	7 00	60 00
120 12 to 18 in.	9 00	80 00
ELM, American (<i>Ulmus americana</i>)		
900 6 to 12 in.	90	8 00
16575 12 to 18 in.	1 80	15 00
9880 18 to 24 in.	2 40	20 00
16000 2 to 3 ft.	2 90	25 00
3280 3 to 4 ft.	4 00	35 00
ELM, Chinese (<i>Ulmus pumila</i>)		
83600 6 to 12 in.	1 20	10 00
26490 12 to 18 in.	2 00	18 00
11100 18 to 24 in.	2 80	25 00
HONEY LOCUST (<i>Gleditsia triacanthos</i>)		
300 18 to 24 in.	2 60	22 00
1000 2 to 3 ft.	4 00	35 00
600 3 to 4 ft.	6 50	60 00
300 4 to 5 ft.	10 00	90 00
HONEY LOCUST, Thornless (<i>Gleditsia triacanthos inermis</i>)		
100 12 to 18 in.	2 40	20 00
4000 18 to 24 in.	3 50	30 00
1300 2 to 3 ft.	5 00	45 00
70 3 to 4 ft.	8 00	70 00
120 4 to 5 ft.	14 00	120 00
LOCUST, Black (<i>Robinia pseudoacacia</i>)		
170 3 to 4 ft.	5 00	45 00
300 4 to 5 ft.	8 00	70 00
400 5 to 6 ft.	11 00	100 00
50 6 to 8 ft.	16 00	-----
MAPLE, Silver (<i>Acer dasycarpum</i>)		
300 6 to 12 in.	2 10	18 00
11350 12 to 18 in.	2 90	25 00
480 18 to 24 in.	4 00	35 00
4140 2 to 3 ft.	6 50	60 00
70 3 to 4 ft.	10 00	90 00
220 4 to 5 ft.	14 00	120 00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

		Per 100	Per 1000
MULBERRY, Russian (<i>Morus alba tatarica</i>)			
4200	6 to 12 in.	\$ 1 20	\$ 10 00
300	12 to 18 in.	1 90	16 00
300	18 to 24 in.	2 90	25 00
200	2 to 3 ft.	4 00	35 00
OAK, Pin, (<i>Quercus palustris</i>)			
4800	6 to 12 in.	6 50	55 00
540	12 to 18 in.	8 50	75 00
50	2 to 3 ft.	16 00	140 00
OAK, RED, (<i>Quercus rubra</i>)			
650	6 to 12 in.	7 00	60 00
350	18 to 24 in.	13 00	110 00
350	2 to 3 ft.	20 00	-----
PERSIMMON, (<i>Diospyros virginiana</i>)			
4050	6 to 12 in.	2 90	25 00
1400	12 to 18 in.	4 50	40 00
RED BUD, (<i>Cercis canadensis</i>)			
900	6 to 12 in.	5 00	40 00
50	12 to 18 in.	7 00	60 00
100	18 to 24 in.	12 00	100 00
RUSSIAN OLIVE (<i>Elaeagnus angustifolia</i>)			
6100	6 to 12 in.	2 40	20 00
1400	12 to 18 in.	3 50	30 00
920	18 to 24 in.	5 00	45 00
1100	2 to 3 ft.	7 50	65 00
WALNUT, Black (<i>Juglans nigra</i>)			
770	6 to 12 in.	2 10	18 00
50	12 to 18 in.	3 50	30 00
1100	18 to 24 in.	4 50	40 00
1000	2 to 3 ft.	6 50	55 00
ONE YEAR FROM CUTTINGS		Per 100	Per 1000
POPLAR (<i>Populus</i>)			
Carolina and Norway			
170	18 to 24 in.	\$ 2 50	\$ -----
200	2 to 3 ft., whips	4 50	40 00
250	3 to 4 ft., "	7 00	60 00
280	4 to 5 ft., lightly branched	8 50	75 00
WILLOW (<i>Salix</i>)			
French Pussy Willow			
240	12 to 18 in.	4 00	-----
Laurel leaved (<i>pentandra</i>)			
50	18 to 24 in.	4 00	-----
170	3 to 4 ft.	7 50	-----
Niobe (<i>Golden Weeping</i>)			
300	12 to 18 in.	2 50	-----
1670	18 to 24 in.	4 00	35 00
1100	2 to 3 ft.	7 00	60 00
70	3 to 4 ft.	8 50	-----
Russian Golden			
100	6 to 12 in.	2 00	-----
50	3 to 4 ft.	5 00	-----
50	4 to 5 ft.	8 00	-----
Wisconsin			
150	18 to 24 in.	4 00	-----
870	2 to 3 ft.	7 00	60 00
400	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) Per 10 Per 100

Green (pennsylvanica lanceolata) 50-60 ft.

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

50 3 to 4 ft.	\$ 4 50	\$ 40 00
30 4 to 5 ft.	6 50	60 00
30 5 to 6 ft.	11 00	100 00
20 6 to 8 ft.	16 50	-----

BIRCH (BETULA)

Cut Leaf Weeping (alba laciniata) 30-40 ft.

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

50 6 to 8 ft.	25 00	225 00
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European White (Alba) Tree Form 20-25 ft.

White barked, medium sized, graceful tree. Thrives well in even poor and dry soils.

350 3 to 4 ft.	5 50	50 00
20 4 to 5 ft.	8 50	80 00
150 5 to 6 ft.	12 00	110 00

CATALPA

bungei (Manchurian) 10-12 ft.

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

300 1 year heads, 4 to 5 ft. stems	11 00	100 00
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CRAB FLOWERING (Malus)

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

	Per 10	Per 100	Per 1000
600 2 to 3 ft., whips	\$ 2 20	\$ 20 00	\$180 00
220 18 to 24 in., Shrub form	3 00	25 00	-----
660 4 to 5 ft., " "	11 00	100 00	900 00
200 4 to 5 ft., Tree form	9 00	85 00	-----
100 5 to 6 ft., " "	12 00	110 00	-----

CRAB, FLOWERING (MALUS)

Per 10 Per 100 Per 1000

niedzwetzkyana (Redvein Crab). 20-25 ft. Large deep pink flowers; red bark, leaves and fruit.

170 4 to 5 ft.	\$12 00	\$110 00	\$1000 00
940 5 to 6 ft.	15 00	135 00	1250 00

CRAB Flowering (Malus)

Per 10 Per 100

Parkmani (halliana parkmanni) 12-15 ft.

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

190 3 to 4 ft.	\$ 8 50	\$ 80 00
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Red Silver 25-30 ft.

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

240 4 to 5 ft.	12 00	110 00
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ELM (ULMUS)

American White (americana) 60-100 ft.

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

730 4 to 5 ft.	4 00	45 00
340 5 to 6 ft.	8 00	70 00

Chinese (Ulmus pumila) 40-50 ft.

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

200 4 to 5 ft.	4 00	35 00
170 5 to 6 ft.	6 50	60 00
80 6 to 8 ft.	10 00	90 00
70 8 to 10 ft.	14 00	120 00
75 1¼ to 1½ in.	16 50	150 00
220 1½ to 1¾ in.	22 00	200 00

ORNAMENTAL and SHADE TREES—Continued

ELM (*Ulmus*)—Continued

Per 10 Per 100

Moline. 80-100 ft.

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

180 4 to 5 ft.	\$13 50	\$125 00
60 5 to 6 ft.	17 50	150 00
50 8 to 10 ft.	27 50	250 00

HACKBERRY, (*Celtis occidentalis*) 50 ft.

An excellent shade tree of rather rapid spreading growth. Limbs seldom break.

30 4 to 5 ft.	8 00	
80 5 to 6 ft.	11 00	100 00
20 6 to 8 ft.	17 50	
10 8 to 10 ft.	25 00	

LINDEN (*TILIA*)American (*americana*) 60-80 ft.

A stately, broad, uniform tree with large, shining, cordate leaves. Fragrant yellow flowers late in June.

20 3 to 4 ft.	5 50	50 00
60 5 to 6 ft.	12 00	110 00

LOCUST, (*Gleditsia triacanthos inermis*)

Moraine. Patent No. 836. 80-100 ft.

This new, vase form, thornless, seedless and hardy tree is very useful in many locations; in the city or country on lawns and parkings.

30 5 to 6 ft., branched	30 00	
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MAGNOLIA *soulangeana*, Saucer Magnolia (Available Spring only.)

The well-known shrub Magnolia, whose large fragrant blooms appear before the leaves. Symmetrical upright grower of excellent habit. Flowers open light purple at base, shading to pink at tips, with inside of petals clear pink to white. One of our most beautiful ornaments. 20 feet.

50 2 to 3 ft., B & B	35 00	325 00
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MAPLE (*ACER*)Norway (*platanoides*) 50-60 ft.

Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.

30 5 to 6 ft., whips	8 00	75 00
50 6 to 8 ft., "	15 00	125 00

Schwedleri (Purple Leaf Maple) 40-50 ft.

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

40 4 to 5 ft., whips	11 00	100 00
80 6 to 8 ft., "	20 00	175 00

Silver or Soft (*dasyarpum*) 60-80 ft.

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

80 4 to 5 ft.	6 50	60 00
320 5 to 6 ft.	9 00	85 00

Sugar or Hard (*saccharum*) 50-70 ft.

One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.

570 4 to 5 ft.	12 00	110 00
290 5 to 6 ft.	16 50	150 00
80 2 to 2½ in.	75 00	700 00

MIMOSA, (*Albizzia julibrissin*, Silktree) 30-ft.

Fast growing tree of spreading habit. Fragrant pink tinted feathery flowers borne in great profusion during the Summer.

200 3 to 4 ft., branched	\$ 7 00	\$ 60 00
100 5 to 6 ft., branched	12 50	115 00

ORNAMENTAL and SHADE TREES—Continued

MOUNTAIN ASH (SORBUS)

European (aucuparia) 20-40 ft.		Per 10	Per 100
Smooth bark and dense pyramidal heads, berry clusters are large and bright.			
170	4 to 5 ft.	\$11 00	\$100 00
70	6 to 8 ft.	22 00	200 00

OAK (QUERCUS)

Pin (palustris) 70-80 ft.			
A broadly pyramidal tree; the leaves are deep green, glossy and finely divided.			
Orange-scarlet in Fall. A most desirable shade tree.			
300	2 to 2½ in.	65 00	600 00

POPLAR (POPULUS)

Carolina (Norway variety) 70-80 ft.		Per 10	Per 100	Per 1000
Bright green foliage, spreading crown, very hardy. Extremely rapid growth.				
70	3 to 4 ft.	\$ 2 10	\$ 18 00	\$-----
100	4 to 5 ft.	3 50	30 00	-----
150	5 to 6 ft.	4 50	40 00	-----
210	6 to 8 ft.	6 50	60 00	-----
Lombardy (nigra italica) 50-60 ft.				
Rapid, spire-like growth; fine for screens and formal planting.				
920	3 to 4 ft.	1 60	14 00	-----
1120	4 to 5 ft.	2 40	20 00	-----
400	5 to 6 ft., low branched	3 50	30 00	250 00
600	6 to 8 ft., " "	4 50	40 00	350 00
300	8 to 10 ft., " "	6 00	55 00	500 00

Simoni, Chinese Poplar. 40-50 ft.

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.				
570	3 to 4 ft.	2 10	18 00	-----
600	4 to 5 ft.	3 50	30 00	250 00
350	5 to 6 ft.	5 50	50 00	450 00
150	1¼ to 1½ in.	14 00	-----	-----

PRUNUS (PLUM)

Persica (Flowering Peach) (Tree Form) 15-18 ft.						
2 to 3 ft.	-----	\$ 4 50		\$ 40 00		
3 to 4 ft.	-----	6 00		55 00		
4 to 5 ft.	-----	8 00		75 00		
5 to 6 ft.	-----	11 00		100 00		
			2/3'	3/4'	4/5'	5/6'
Iceberg, Snow-white.	-----	250	300	290	70	
Peppermint Stick. Bi-color red						
and white.	-----	70	--	--	--	--
Pink Charming. Double Pink.	-----	130	--	--	--	90

TOMENTOSA, Nanking Cherry

An improved variety of the Minnesota Fruit Breeding Farm. These budded trees produce an abundance of blooms. Self fertile producing large quantities of meaty and juicy fruits. Excellent for eating, jam and jelly.

480	3 to 4 ft.	\$11 00	\$100 00
400	4 to 5 ft.	11 00	100 00
240	5 to 6 ft.	16 50	150 00

triloba (Double Flowering Plum.) 8-10 ft.

Known also as the "Rose Tree of China". One of the finest shrubs; completely covered with pink rose like flowers in April and May.

420	2 to 3 ft.	9 00	85 00
260	3 to 4 ft.	11 00	100 00
250	4 to 5 ft.	14 00	125 00

RUSSIANOLIVE (Elaeagnus angustifolia) 20-25 ft.

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

40	2 to 3 ft.	6 00	55 00
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ORNAMENTAL and SHADE TREES—Continued**THORN**

Per 10 Per 100

Paul's Scarlet.

Brilliant scarlet flowers in June; red fruit in fall.

110	5 to 6 ft.....	\$27 50	\$250 00
110	6 to 8 ft.....	32 50	300 00

WILLOW (SALIX)**Russian Golden (vitellina) 26-30 ft.**

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

70	2 to 3 ft.....	3 00	25 00
340	3 to 4 ft.....	3 50	30 00
640	4 to 5 ft.....	4 50	40 00
60	5 to 6 ft.....	7 00	65 00

Wisconsin (blanda) 30-40 ft.

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

360	4 to 5 ft.....	4 50	40 00
820	5 to 6 ft.....	7 00	65 00
1030	6 to 8 ft.....	11 00	100 00

Have you made provisions for Summer Sales

We still have a good selection in the right sizes suitable for potting and late spring sales.

Extend your selling season by potting up your stock.

Go the cash and carry way.

Go the thrifty way.

ORNAMENTAL SHRUBS

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

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

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

ALMOND (AMYGDALUS) (PRUNUS)

Per 10 Per 100 Per 1000

Pink Flowering (glandulosa) April-May. 5-6 ft. On own root.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

740	12 to 18 in.	\$ 4 00	\$ 35 00	\$300 00
1580	18 to 24 in.	5 00	45 00	400 00
620	2 to 3 ft.	6 00	55 00	500 00
1050	3 to 3½ ft.	7 00	65 00	600 00

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

Large desirable shrub for group and specimen planting, also used for screens.

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 50	30 00	-----
3 to 4 ft.	4 50	40 00	-----

	12/18"	18/24"	2/3'	3/4'
Anemoneflorus, double bright pink.	150	660	540	850
Boule de Feu, double purplish-red.	1890	2640	230	--
*Coelestis, single blue.	290	--	60	--
Jeanne de Arc, double white.	1350	1880	105	--
Lucy, very double red.	1060	2370	300	40
Purpurea Semi-Plena, semi-double clear purple.	120	150	130	--
Snowdrift, single white.	--	830	--	--
Totus Albus, single white.	--	150	--	--

*Starred variety 10¢ per plant higher than other varieties.

BARBERRY (BERBERIS)

Per 10 Per 100 Per 1000

Redleaf (thunbergi atropurpurea)

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

1380	9 to 12 in.	\$ 2 50	\$ 20 00	\$-----
1280	12 to 15 in.	3 50	30 00	-----

thunbergi. 4-5 ft.

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

950	9 to 12 in.	1 80	15 00	130 00
1370	12 to 15 in.	2 40	20 00	-----
450	2 to 2½ ft.	4 00	33 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.

160	2 to 2½ ft.	\$ 5 50	\$ 45 00	\$-----
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ORNAMENTAL SHRUBS—Continued

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

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

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

210	No. 1
480	Med.

Dubonnet, 4-5 ft. The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

130	No. 1
270	Med.

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

140	No. 1
1570	Med.

CALLICARPA DICHOTOMA (PURPUREA) (Purple Beautyberry) 4-5½ ft.

Pink flowers in fall, beautiful clusters of purple berries which attract birds. A good landscape shrub which should be used more often.

	Per 10	Per 100	Per 1000
70 18 to 24 in.	\$ 4 50	\$ 40 00	\$ -----
50 2 to 3 ft.	5 50	50 00	-----

CALYCANTHUS (SWEET SCENTED SHRUB)

Floridus. June-July. 4-5 ft.

A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.

550 12 to 18 in.	4 00	35 00	300 00
70 18 to 24 in.	5 00	45 00	-----
150 2 to 3 ft.	6 00	55 00	-----

CORNUS (DOGWOOD)

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

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

370 12 to 18 in.	2 90	25 00	220 00
30 18 to 24 in.	5 00	45 00	-----
150 2 to 3 ft.	6 00	55 00	-----
70 4 to 5 ft.	7 50	70 00	-----

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

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

30 12 to 18 in.	7 50	70 00	-----
50 18 to 24 in.	8 50	80 00	-----
80 3 to 4 ft.	18 50	175 00	-----

Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.

Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.

70 2 to 3 ft. Wrapped in moss and burlap.	27 50	250 00	-----
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stolonifera (Redosier Dogwood) May-June. 6-8 ft.

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

60 2 to 3 ft.	5 50	50 00	-----
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stolonifera lutea (Gold Twig Dogwood) 6-8 ft.

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

500 12 to 18 in.	3 00	25 00	220 00
30 18 to 24 in.	4 00	35 00	-----
270 3 to 4 ft.	6 50	60 00	550 00

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

Silver variegated leaves, bright red bark. Very attractive.

490 12 to 18 in.	5 00	45 00	400 00
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ORNAMENTAL SHRUBS—Continued

COTONEASTER

Per 10 Per 100 Per 1000

Acutifolia (Peking Cotoneaster) May-June. 10-12 ft.

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

60	12 to 18 in.	\$ 3 00	\$ 25 00	\$-----
70	18 to 24 in.	4 00	35 00	-----
60	2 to 3 ft.	5 50	50 00	-----
40	3 to 4 ft.	6 50	60 00	-----

CRANBERRY, Highbush (See Viburnum)

CREPE MYRTLE (*Lagerstroemia 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.

9 to 12 in.	3 00	25 00	-----
12 to 18 in.	3 50	30 00	-----
18 to 24 in.	4 50	40 00	-----
2 to 3 ft.	5 50	50 00	-----

	2/3	18/24	12/18	9/12
Pink	90	130	330	-----
Purple	40	50	520	-----
Watermelon Red	--	--	1740	-----

Wm. Toovey

The finest of all Crepe Myrtles. The neat compact plant produces a solid mass of beautiful deep watermelon red flowers in large heads. A most profuse bloomer.

	Per 10	Per 100	Per 1000
240 9 to 12 in.	\$ 3 00	\$ 25 00	\$-----

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

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

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

600	12 to 18 in.	2 90	25 00	220 00
4540	18 to 24 in.	3 80	33 00	300 00
2700	2 to 3 ft.	5 00	45 00	400 00
1190	3 to 4 ft.	6 00	55 00	500 00

japonica rubra (True 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.

1850	12 to 18 in.	3 50	30 00	270 00
3190	18 to 24 in.	4 50	40 00	350 00
50	2 to 3 ft.	6 00	55 00	-----

DEUTZIA

Gracilis (Slender; Dwarf Deutzia) May. 2½-3 ft.

One of the most useful of all dwarf-growing shrubs. A profusion of snow-white flowers in May. Will thrive in partial shade. Used for forcing.

170	12 to 15 in.	4 50	40 00	-----
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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	12 to 18 in.	4 00	35 00	-----
320	18 to 24 in.	5 00	45 00	-----
80	2 to 3 ft.	6 00	55 00	-----

Pride of Rochester. May. 8-10 ft.

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

2265	12 to 18 in.	3 20	28 00	250 00
1810	18 to 24 in.	4 00	35 00	300 00
350	2 to 3 ft.	5 50	50 00	450 00
100	3 to 4 ft.	6 50	60 00	-----

ORNAMENTAL SHRUBS—Continued

ELDER (SAMBUCUS)

Per 10 Per 100 Per 1000

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

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

290	12 to 18 in.	\$ 3 20	\$ 28 00	\$250 00
370	18 to 24 in.	4 00	35 00	300 00
30	2 to 3 ft.	5 50	50 00	-----

EUONYMUS**Radicans Erecta, (Compact spreading euonymus)**

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

70	18 to 24 in.	11 00	-----	-----
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FORSYTHIA (GOLDEN BELL)**fortunei (Fortune Forsythia) April. 6-8 ft.**

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

100	18 to 24 in.	4 50	40 00	-----
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intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

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

2660	12 to 18 in.	3 20	28 00	250 00
1160	18 to 24 in.	4 50	40 00	350 00
130	2 to 3 ft.	5 50	50 00	-----
480	3 to 4 ft.	6 50	60 00	550 00
20	4 to 5 ft.	7 50	70 00	-----

FORSYTHIA SPRING GLORY

A new Forsythia which is, without 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
1390	12 to 18 in.	\$ 3 50	\$ 30 00	\$270 00
950	18 to 24 in.	5 00	45 00	400 00
340	2 to 3 ft.	6 00	55 00	500 00
2080	3 to 4 ft.	7 00	65 00	600 00

HEDGING (See Page 28)**HONEYSUCKLE (LONICERA)****fragrantissima, Winter Honeysuckle. 6-8 ft.**

Per 10 Per 100 Per 1000

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

540	18 to 24 in.	\$ 4 50	\$ 40 00	\$-----
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grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

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

30	3 to 4 ft.	6 00	55 00	-----
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Korolkowi Floribunda (Blueleaf Honeysuckle) May-June. 10-12 ft.

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

70	3 to 4 ft.	6 00	55 00	-----
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morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

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

200	12 to 18 in.	2 90	25 00	220 00
30	18 to 24 in.	4 00	35 00	-----
40	2 to 3 ft.	5 00	45 00	-----

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

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

700	12 to 18 in.	2 90	25 00	220 00
2260	18 to 24 in.	4 00	35 00	300 00
420	2 to 3 ft.	5 00	45 00	400 00
50	3 to 4 ft.	6 00	55 00	-----
270	4 to 5 ft.	7 00	65 00	-----

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

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

280	12 to 18 in.	2 90	25 00	-----
270	18 to 24 in.	4 00	35 00	-----

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE (LONICERA)—Continued Per 10 Per 100 Per 1000**Tatarian White (tatarica alba) April-May. 10-12 ft.**

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

150	18 to 24 in.	\$ 4 00	\$ 35 00	\$ -----
80	2 to 3 ft.	5 00	45 00	-----

zabeli, Zabel Honeysuckle, 8-10 ft.

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

1910	12 to 18 in.	3 50	30 00	280 00
3460	18 to 24 in.	4 50	40 00	350 00
60	2 to 3 ft.	5 50	50 00	-----
730	3 to 4 ft.	6 50	60 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.

7700	12 to 18 in.	3 20	28 00	250 00
1780	18 to 24 in.	4 50	40 00	350 00
110	2 to 3 ft.	5 50	50 00	-----

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

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

4420	12 to 18 in.	3 20	28 00	250 00
5600	18 to 24 in.	4 50	40 00	350 00
5310	2 to 3 ft.	5 50	50 00	450 00

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers most soil. Will endure part shade.

60	9 to 12 in.	3 00	25 00	-----
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KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

130	12 to 18 in.	3 50	30 00	-----
400	18 to 24 in.	5 50	50 00	450 00
1500	2 to 3 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.

2000	9 to 12 in.	2 40	20 00	180 00
420	12 to 18 in.	2 90	25 00	220 00
40	2 to 3 ft.	5 00	45 00	-----
30	3 to 4 ft.	6 00	55 00	-----

Common White, (vulgaris alba) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

260	9 to 12 in.	3 00	25 00	-----
440	12 to 18 in.	4 00	35 00	-----

Persian Purple (persica) (April-May). 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

400	12 to 18 in.	3 50	30 00	270 00
960	18 to 24 in.	4 50	40 00	350 00
1200	2 to 3 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—Continued

LILAC (SYRINGA)—Continued

Per 10 Per 100 Per 1000

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

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

1020	12 to 18 in.	\$ 3 50	\$ 30 00	\$270 00
2990	18 to 24 in.	4 50	40 00	350 00
2360	2 to 3 ft.	5 50	50 00	450 00

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

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

30	2 to 3 ft.	5 50	50 00	-----
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LILAC (Syringa)

French Lilacs. Named varieties. 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 unusual shades and color blends.

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	-----

s—Single

d—Double

	2/3"	18/24"	12/18"	9/12"
Abel Chatenay, d white	---	120	80	70
Belle de Nancy, d rose white center	---	390	210	100
Chas. X, s red	---	30	340	390
Congo, s red	---	---	270	380
Ellen Willmott, d creamy white	---	---	20	20
Jan van Tol, s pure white	---	20	100	---
Jean Mace, d bluish mauve	---	---	40	---
Ludwig Spaeth, s deep purple	---	---	1020	210
Marc Michel, d lavender blue	---	40	50	20
Marie LeGraye, s creame white	60	30	290	---
Mme. Lemoine, d white	120	200	500	---
Pres. Grevy, d bluish lilac	40	---	360	1560
Mixed (at 10¢ less list price)	---	---	60	30

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Per 10 Per 100 Per 1000

Bouquet Blanc. May-June. 4-5 ft.

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

70	12 to 18 in.	\$ 3 20	\$ 28 00	\$ -----
30	18 to 24 in.	4 50	40 00	-----
30	2 to 3 ft.	5 50	50 00	-----

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

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

870	12 to 18 in.	2 90	25 00	-----
990	18 to 24 in.	4 00	35 00	320 00
460	2 to 3 ft.	5 00	45 00	-----

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

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

140	12 to 18 in.	2 90	25 00	-----
330	18 to 24 in.	4 00	35 00	320 00
600	2 to 3 ft.	5 00	45 00	400 00
100	3 to 4 ft.	6 00	55 00	-----

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS (MOCK ORANGE, SYRINGA)—Continued

Innocence May-June. 6 ft.

Per 10 Per 100 Per 1000

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 oranges seem gray by comparison. Fragrance is more delicate yet more penetrating than Jasmine.

40	12 to 18 in.	\$ 4 50	\$ 40 00	\$
30	18 to 24 in.	6 00	55 00	-----
40	2 to 3 ft.	7 00	65 00	-----

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

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

640	12 to 18 in.	3 20	28 00	-----
310	18 to 24 in.	4 50	40 00	-----
80	2 to 3 ft.	5 50	50 00	-----

Minnesota Snowflake. Plant Patent 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
50	18 to 24 in.	\$6 00	\$55 00	\$1 25	\$12 00
70	2 to 3 ft.	7 00	65 00	1 50	15 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.

2128	12 to 18 in.	\$ 3 20	\$ 28 00	\$250 00
4780	18 to 24 in.	4 50	40 00	350 00
430	2 to 3 ft.	5 50	50 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.

940	12 to 18 in.	2 90	25 00	220 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.

150	12 to 18 in.	2 90	25 00	-----
70	18 to 24 in.	4 00	35 00	300 00
2940	3 to 4 ft.	6 00	55 00	500 00

PRIVET (LIGUSTRUM)

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

Per 100 Per 1000

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

18870	9 to 12 in., branched	\$ 8 00	\$ 70 00	
9300	12 to 18 in., 2 canes and up	10 00	90 00	
119000	18 to 24 in., 2 " " "	14 00	120 00	
4060	18 to 24 in., 3 " " "	16 00	-----	
2300	2 to 3 ft., 2 canes and up	16 00	-----	
2380	2 to 3 ft., 4 " " "	20 00	-----	
650	3 to 4 ft., 4 " " "	22 50	-----	

ORNAMENTAL SHRUBS—Continued**PRIVET (LIGUSTRUM)—Continued**

California (ovalifolium) June-July. 8-12 ft.			Per 100	Per 1000
13740	9 to 12 in., branched.....		\$ 7 00	\$ 60 00
3090	12 to 18 in., ".....		9 00	80 00
1500	18 to 24 in., ".....		12 00	100 00
280	2 to 3 ft., ".....		17 00	150 00

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.

New hardy privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.

	Per 10	Per 100
1660 9 to 12 in.....	\$ 2 10	\$ 18 00

japonica (Japanese Privet)

An upright growing broad leaved evergreen. Leaves are a shiny dark green. A fast growing dense shrub. Produces small white flowers followed by clusters of blue berries. Not hardy in northern states.

60	12 to 18 in., wrapped in moss and burlap.....	3 50	30 00
40	18 to 24 in., " " " " ".....	5 00	45 00

Regel (regelianum) 6-8 ft.

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

1375	12 to 18 in.....	2 90	25 00
50	18 to 24 in.....	4 50	40 00

Thompson's (thompsoni)

Rapid-growing; bushy; very desirable.

	Per 100	Per 1000
1890 9 to 12 in.....	\$ 8 50	\$ 75 00
2675 12 to 18 in.....	11 00	100 00
2400 18 to 24 in.....	16 00	140 00
2920 2 to 3 ft.....	20 00	180 00
370 3 to 4 ft.....	22 50	-----

PRUNUS, Ornamental Plums. (See Deciduous Trees)**QUINCE JAPONICA. (See Cydonia)****RHUS (SUMAC)****RHUS, Copallina 12 ft.****Flameleaf or Shining Sumac**

Per 10 Per 100

Rich Autumn color, leaves turning reddish purple with clusters of crimson flowers.

180	2 to 3 ft.....	\$ 4 00	\$ 35 00
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Cut Leaf (typhina laciniata) 8-10 ft.

Per 10 Per 100 Per 1000

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

220	12 to 18 in.....	\$ 2 50	\$ 20 00	\$180 00
280	18 to 24 in.....	2 90	25 00	-----
600	2 to 3 ft.....	4 00	35 00	300 00

Smooth (glabra) 6-10 ft.

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

220	12 to 18 in.....	2 10	18 00	-----
60	18 to 24 in.....	2 90	25 00	-----
70	2 to 3 ft.....	4 00	35 00	-----

ORNAMENTAL SHRUBS—Continued

RHUS (SUMAC)—Continued

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

Per 10 Per 100 Per 1000

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

510	12 to 18 in.	\$ 2 50	\$ 20 00	\$180 00
550	18 to 24 in.	2 90	25 00	220 00
640	2 to 3 ft.	4 00	35 00	300 00
900	3 to 4 ft.	5 00	45 00	400 00
360	4 to 5 ft.	6 00	55 00	500 00

SALIX purpurea, nana, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

280	2 to 3 ft.	4 00	35 00	-----
260	3 to 4 ft.	5 00	45 00	-----

SPIREA

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

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

220	9 to 12 in.	2 50	22 00	-----
1850	12 to 18 in.	3 20	28 00	250 00
2520	18 to 24 in.	4 50	40 00	350 00
640	2 to 3 ft.	5 50	50 00	450 00

billiardi Pink, July-September. 5-6 ft.

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

770	9 to 12 in.	2 40	20 00	180 00
3650	12 to 18 in.	2 90	25 00	220 00
3990	18 to 24 in.	3 50	30 00	270 00
1770	2 to 3 ft.	4 50	40 00	350 00

billiardi White. July-September. 5-6 ft.

Per 10 Per 100

Strong growth. Dull green foliage, dense panicles of white flowers.

70	12 to 18 in.	\$ 3 50	\$ 30 00
360	18 to 24 in.	4 00	35 00

Spirea Cantoniensis (Reevesiana fl. pleno).

Slender arching branches bearing large double pure white flowers. Dark leaves remaining until late fall.

		Per 10	Per 100
50	12 to 18 in.	\$ 3 50	\$ 30 00
270	18 to 24 in.	5 00	45 00
270	2 to 2½ ft.	6 00	55 00

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

Per 10 Per 100 Per 1000

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

3750	9 to 12 in.	\$ 2 40	\$20 00	\$180 00
3200	12 to 18 in.	2 90	25 00	220 00
50	18 to 24 in.	4 00	35 00	-----

opulifolia nana (See Physocarpus opulifolius nana)

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

thunbergi (Thunbergi Spirea) April. 3-4 ft. Per 10 Per 100 Per 1000

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

840	12 to 18 in.	\$ 3 20	\$ 28 00	\$250 00
60	18 to 24 in.	4 50	40 00	-----
830	2 to 2½ 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.

6465	12 to 18 in.	2 40	20 00	180 00
160	18 to 24 in.	2 90	25 00	220 00
1460	2 to 3 ft.	3 50	33 00	300 00

SYMPHORICARPOS (SNOWBERRY)

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

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

3830	12 to 18 in.	2 10	18 00	160 00
6140	18 to 24 in.	2 90	25 00	220 00
9080	2 to 3 ft.	3 50	30 00	270 00
1140	3 to 3½ ft.	4 00	35 00	320 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.

1935	12 to 18 in.	1 90	16 00	140 00
4490	18 to 24 in.	2 60	22 00	200 00
1680	2 to 3 ft.	3 20	28 00	250 00

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

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

600	9 to 12 in.	1 60	14 00	120 00
1737	12 to 18 in.	1 90	16 00	140 00
1040	18 to 24 in.	2 60	22 00	200 00
640	2 to 3 ft.	3 20	28 00	250 00

TAMARIX

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	320 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

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

africana. May. 10-12 ft.

Slender spreading branches, reddish brown bark, pink flowers. 670 2540 3480 1400

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

Purple branches, graceful foliage. Thrives in dry soil. 30 220 160 40

hispida (Kashgar Tamarix) August-September. 12-15 ft.

Slow, compact, upright growth; long panicles of bright pink flowers. 230 40 990

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

Dwarf, bushy growth; loose panicles of lavender-pink flowers. 370 370 ----

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

Vigorous growth, bright green foliage, pink flowers. Very hardy. 260 940 1140 470

ORNAMENTAL SHRUBS—Continued

VIBURNUM

carlesi, Mayflower Viburnum. May. 5 ft. Per 10 Per 100 Per 1000

Waxy white delightfully fragrant flowers are produced in early spring as the leaves are unfolding. Very hardy, does well in light shade as well as in full sun.

70 12 to 15 in., Wrapped in moss and burlap.....\$14 00 \$120 00 \$.....

dentatum, Arrowwood. April-May. 10-12 ft.

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

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

juddi, May. 5 ft.

An excellent form of Carlesi introduced by the late Mr. Judd of the Arnold Arboretum. This variety is a stronger grower, more prolific in bloom with flowers showing more pink than those of Carlesi. Sweet scented.

50 15 to 18 in., Wrapped in moss and burlap..... 20 00 175 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.

40 18 to 24 in..... 5 00 45 00

70 2 to 3 ft..... 6 00 55 00

40 3 to 4 ft..... 7 00 65 00

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

Popular shrub. Blooms profusely. Large double white flowers.

820 12 to 18 in..... 4 50 40 00

250 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.

370 12 to 18 in..... 2 90 25 00

50 18 to 24 in..... 4 00 35 00

70 2 to 3 ft..... 5 00 45 00

60 3 to 4 ft..... 6 00 55 00

WEIGELA

Bristol Ruby — Plant Patent No. 492.

Owing to the early frost last fall the Weigelas in general suffered severe damage. We are fortunate enough to be able to offer Weigela Eva Rathke, which is a good substitution.

WEIGELA (DIERVILLA)

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

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

430 12 to 18 in..... 3 50 30 00

670 18 to 24 in..... 5 00 45 00

100 2 to 3 ft..... 6 00 55 00

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

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

Per 10 Per 100 Per 1000
1940 12 to 18 in.....\$ 3 70 \$ 32 00 \$280 00

1170 18 to 24 in..... 5 50 50 00

4380 2 to 3 ft..... 6 50 60 00 550 00

1220 3 to 4 ft..... 7 50 70 00

ORNAMENTAL SHRUBS—Continued

WEIGELA (DIERVILLA)—Continued

Per 10 Per 100 Per 1000

Hendersoni. May-June. 6-8 ft.

One of the hardiest varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.

30	12 to 18 in.	\$ 3 50	\$ 30 00	\$
20	2 to 3 ft.	6 00	55 00	.....
150	3 to 4 ft.	7 00	65 00	.....

Newport Red. 6-7 ft.

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

30	12 to 18 in.	3 70	32 00	
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rosea, (florida) Pink Weigela. May-June. 6-8 ft.

Popular shrub with beautiful showy pink flowers.

760	12 to 18 in.	2 90	25 00	.....
120	18 to 24 in.	4 00	35 00	.....
2060	2 to 3 ft.	5 50	50 00	450 00
600	3 to 4 ft.	7 50	70 00	.....

CLIMBING VINES

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

AMPELOPSIS

Per 10 Per 100 Per 1000

engelmanni (Engelmann Creeper) 30-40 ft.

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

1000	2 year, Medium	\$ 2 90	\$ 25 00	\$
500	2 " No. 1	4 00	35 00	320 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.

2500	2 year, Medium	3 50	30 00	
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BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

4500	2 year Medium	2 40	25 00	220 00
3000	2 " No. 1	3 50	30 00	270 00

CELASTRUS

scandens (American Bittersweet) 20-25 ft.

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

300	2 year, Medium	2 90	25 00	220 00
200	2 " No. 1	3 50	30 00	270 00

EUONYMUS

Radicans, Winter Creeper. 15-20 ft.

A fine evergreen vine, rose-red berries. Especially desirable for winter effect. Can be used also for edging and as a ground cover.

910	2 year, Medium	5 50	50 00	.....
200	2 " No. 1	6 50	60 00	.....

CLIMBING VINES—Continued

HONEYSUCKLE (LONICERA) Per 10 Per 100 Per 1000**Gold Flame. May until Frost. 15-20 ft.**

Flowers flame-coral, inside clear yellow, produced in clusters.

920 2 year, Medium \$ 3 70 \$ 32 00 \$280 00

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

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

3000 2 year, Medium 1 80 15 00 130 00

500 2 " No. 1 2 10 18 00 160 00

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

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

3500 2 year, Medium 2 60 22 00 200 00

4000 2 " No. 1 3 20 28 00 250 00

Summer King (Heckrottii) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

2020 2 year, Medium 3 70 32 00 280 00

POLYGONUM auberti**(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.**

A fast-growing, twining vine; light green leaves, fleecy white flowers.

2350 2 year, No. 1 4 50 40 00

WISTERIA**American (frutescens) June-July. 20-25 ft.**

Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.

2000 2 year, Medium 2 90 25 00

380 2 year, No. 1 3 50 30 00

Chinese Blue (sinensis) May. 30-40 ft.

Long, attractive drooping clusters of pea-shaped flowers.

150 2 year, Medium 4 50 40 00

Multijuga Pink, Japanese Wisteria. May. 40-50 ft.

Beautiful pink flowers in long clusters.

490 2 year, Medium Grafts 4 50 40 00

150 2 " No. 1 " 5 50 50 00

STOP!!**Did you check the items you want to order! You better!**

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)**Redleaf (thunbergi atropurpurea)**

A specialty these days. A rare item to find in a wholesale list any more.
Make use of this offer by calling us at once.

		Per 100	Per 1000
1050	9 to 12 in., 3 year seedlings, branched	\$13 50	\$125 00
330	12 to 15 in., 3 year seedlings, "	18 50	175 00
4200	15 to 18 in., 3 year seedlings, "	22 00	200 00
3190	18 to 24 in., 3 year seedlings, "	27 00	250 00

thunbergi (Japanese Barberry)

		Per 100	Per 1000
1500	9 to 12 in., 2 year seedlings, branched	\$ 9 00	\$ 80 00
3500	18 to 24 in., 2 and 3 year seedlings, branched	16 00	140 00

CARAGANA arborescens (Siberian Pea Tree)

12000	6 to 12 in.	2 10	18 00
5500	12 to 18 in.	3 50	30 00
800	2 to 3 ft.	6 00	55 00

HONEYSUCKLE (Lonicera)**Tatarian—Pink, Red, White, Zabeli**

9	to 12 in.	7 00	60 00
12	to 18 in.	10 00	90 00
18	to 24 in.	16 00	140 00

Honeysuckle

	9/12"	12/18"	18/24"
Grand. Rosea	520	875	100
Tatarian Pink	2175	2925	100
Tatarian Red	2725	360	620
Tatarian White	100	---	---
Zabeli	100	---	---

MULBERRY (MORUS) Russian, tatarica

		Per 100	Per 1000
1000	6 to 12 in.	\$ 1 20	\$ 10 00
400	12 to 18 in.	1 90	16 00
100	18 to 24 in.	2 90	25 00

PRIVET—See Ornamental Shrubs.**RUSSIAN OLIVE (Elaeagnus angustifolia)**

650	9 to 12 in.	2 40	20 00
770	12 to 18 in.	3 50	30 00
1150	18 to 24 in.	5 00	45 00
730	2 to 3 ft.	7 50	65 00

SPIREA vanhoutte

7500	9 to 12 in.	8 00	60 00
4000	12 to 18 in.	12 00	100 00
5530	18 to 24 in.	16 00	140 00
1850	2 to 3 ft.	19 00	160 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

We have a limited quantity of evergreens in small sizes. If you are interested please ask our salesman or contact the office.

ROSES

WESTERN GROWN

We are pleased to again be able to offer an excellent assortment of well grown, high quality CALIFORNIA GROWN ROSES.

Our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. Immediately after being dug they are shipped to our Shenandoah plant where they are liberally graded under our personal supervision.

All our roses are stored in our modern cold storage where the temperature and humidity is automatically maintained. This cold storage is also equipped with ultra-violet ray lamps to prevent bacterial growth and mold formation.

These precautions make it possible for us to ship healthy vigorous rose bushes at any time during the spring selling season. Delivery 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; No. 2, 25 per bundle. We do not break bundles.

- * Available Southern grown only.
- ** Available California grown only.
- *** Available both Southern and California grown.

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 All Northern California Grown

		Per 10	Per 100	Per 1000
Assorted as follows,	No. 1	\$ 6 50	\$ 60 00	\$. . .
" " "	No. 1½	5 25	47 50	
" " "	No. 2	4 00	35 00	320 00

RED SHADES

		WESTERN		
		No. 1	No. 1½	No. 2
** Ami Quinard,	dark velvety crimson, almost black; fragrant.	900	320	240
** Christopher Stone,	alive with vivid scarlet, petals glowing with a velvety sheen. Delightfully scented. Very popular.	--	--	110
** Etoile de Hollande,	one of the best dark red roses; a strong grower, free flowering and very fragrant.	400	550	830
** Grenoble,	one of the best reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.	--	--	50
** Hadley,	rich red shading to velvety purple; high pointed buds; exceedingly fragrant.	290	250	180
** Night,	a new very dark rose; bud almost black on long strong stem; an upright and hardy plant.	--	250	220

ROSES—Continued

TEA, HYBRID TEA AND EVERBLOOMING—Continued

RED SHADES—Continued

	No. 1	No. 1½	No. 2
** Poinsettia, one of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower.	530	350	940
** Red Hoover, carmine red sport of the familiar Pres. Hoover; vigorous plant producing magnificent large full blooms.	50	--	--
** Red Radiance, bright rosy red, free blooming; delightfully fragrant.	360	30	60
** Red Talisman, Talisman sport. Bud long pointed; flowers large, double and fragrant. Deep cerise red blending into yellow shade at base.	530	300	60
** Rouge Mallerin, large, lasting velvety red, very double blooms.	--	--	690

PINK SHADES

	WESTERN		
	No. 1	No. 1½	No. 2
** Los Angeles, double, luminous coral pink toned at base.	350	70	50
** Picture, a very beautiful rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.	--	180	150
** Pink Dawn, deep rose-pink, lightly toned orange; well formed flowers.	50	30	50
** Pink Radiance, large brilliant rose-pink; very fragrant. A most popular variety.	70	--	--
** The Doctor, a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.	--	110	220

YELLOW SHADES

** Joanna Hill, double blooms of golden buff, yellow center fragrant.	100	70	230
** McGredy's Yellow, well formed flowers of bright buttercup yellow. Glossy.	780	220	50
** Mrs. E. P. Thom, large canary yellow flowers, well shaped.	730	450	180
** Mrs. P. S. Dupont, bud reddish gold, flower golden yellow, lighter with age.	730	450	180
** Soeur Therese, double rich yellow blooms; vigorous, upright and profuse.	470	290	580
** Yellow Sastago, vigorous yellow sport of the popular two-toned variety.	560	330	410

TWO-TONED SHADES

** Condessa de Sastago, petals are ecoppery pink inside, golden reverse.	1240	360	110
** Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.	1080	370	160
** Duquesa de Penaranda, strong, vigorous grower, very free flowering; apricot orange to dark pink. A most desirable variety.	1710	1370	270

ROSES—Continued

TEA, HYBRID TEA AND EVERBLOOMING—Continued

TWO-TONED SHADES—Continued

	No. 1	No. 1½	No. 2
** 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.	1110	420	640
** Mrs. Sam McGredy, a disease resistant and vigorous grower, prolific bloomer. Blooms large scarlet-copper-orange, deeply flushed with red on reverse side of petals. Beautiful long pointed bud.	540	320	530
** Pres. Herbert Hoover, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.	130	470	110
** Talisman, golden-yellow, stained coppery-red and orange-rose; a favorite variety.	1400	1000	570

WHITE SHADES

** Caledonia, large double white; long buds opening to large double flowers.	240	390	40
** K. A. Victoria, very popular, free flowering, double, pure white.	1330		140
** McGredy's Ivory, ivory-white, perfectly shaped double blooms; sweet scented.	350	420	210

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 6 50	\$ 60 00	\$
" " " No. 1½	5 25	47 50	.....
" " " No. 2	4 00	35 00	320 00
	No. 1	No. 1½	No. 2
* American Beauty, a very popular cerise-red variety.	--	--	340
** Frau Karl Druschki, very popular large pure white.	550	110	140

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 6 50	\$ 60 00	\$
" " " No. 1½	5 25	47 50	.....
" " " No. 2	4 00	35 00	320 00
	No. 1	No. 1½	No. 2
* †Cameo, shell pink and salmon wiht a glow of gold; blooms continuously.	50	--	--
* †Ellen Poulsen, splendid bright rose-pink flowers of large size; fragrant.	120	320	40
*** †Else Poulsen, lasting bright rose-pink flowers; semi-double.	70	20	65
*** Golden Salmon Supreme, large clusters of striking red-dish-orange flowers; low growth.	440	830	290
** †Gruss an Aachen, large light flesh-pink and salmon-yellow.	--	--	60
** †Red Ripples, flowers semi-double, open, slightly fragrant, ox-blood red to carmine.	--	100	40
Triomphe d' Orleans, large clusters of cherry-red.	--	180	50
†Hybrid Polyantha and Floribunda varieties.			

Our roses are stored in our new 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.

ROSES—Continued

CLIMBERS and RAMBLERS

* American Pillar, large single flowers of crimson-pink.			
Large white center in tremendous clusters; hardy.			
	Per 10	Per 100	Per 1000
100 No. 1	\$ 5 50	\$ 50 00	\$ -----
60 No. 1½	4 50	40 00	-----
* Blaze, hardy, vigorous climbing rose similar to Paul's			
Scarlet. Recurrent bloomer. Scarlet crimson flower.			
980 No. 1	6 50	60 00	-----
100 No. 1½	5 50	50 00	-----
300 No. 2	3 70	32 00	-----
* Climbing American Beauty, crimson flowers in clusters.			
360 No. 1½	4 50	40 00	-----
865 No. 2	2 90	25 00	-----

* CLIMBING FLORIBUNDA ROSE
BABY CHATEAU

A climbing form of the popular bush floribunda rose, Baby Chateau. Deep red blooms. One of the best.

	Per 10	Per 100	Per 1000
500 No. 1	\$ 7 00	\$ 65 00	\$600 00
340 No. 1½	6 00	55 00	500 00

Climbing Hybrid Tea

	Per 10	Per 100	Per 1000
No. 1	\$ 7 00	\$ 65 00	\$ -----
No. 1½	6 00	55 00	-----
	No. 1	No. 1½	No. 2
* Caledonia, white.	1030	340	60
* Etoile de Holland, red.	450	250	20
* Golden Charm, yellow.	70	--	--
* J. L. Mock, pink.	280	50	--
* Miss Rowena Thom, pink.	560	80	--
* Poinsettia, red.	20	40	30
* Red Radiance, red.	--	--	60
* Red Talisman, red.	--	100	30

Climbing Peace — See patented roses for prices and descriptions.

* Crimson Rambler, Scarlet crimson flowers in large clusters.

2300 No. 1	\$ 4 50	\$ 40 00	\$350 00
2500 No. 1½	3 50	30 00	250 00
4800 No. 2	2 40	20 00	180 00

* Dorothy Perkins, miniature shell pink flowers in clusters.

310 No. 1	4 00	35 00	-----
2680 No. 1½	2 90	25 00	220 00
1260 No. 2	2 10	18 00	160 00

Dr. J. H. Nicolas—See patented roses for prices and descriptions.

ROSES—Continued

CLIMBERS and RAMBLERS—Continued

		Per 10	Per 100	Per 1000
* Dr. Van Fleet , large, flesh-pink flowers on long stems.				
600 No. 1½	-----	\$ 4 50	\$ 40 00	\$
690 No. 2	-----	2 90	25 00	-----
* Excelsa , intense scarlet, large clusters of small flowers.				
940 No. 1	-----	4 00	35 00	300 00
2890 No. 1½	-----	2 90	25 00	220 00
6250 No. 2	-----	2 10	18 00	160 00
* Excelsa Pillar , strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.				
4340 No. 1	-----	4 00	35 00	300 00
3880 No. 1½	-----	2 90	25 00	220 00
9520 No. 2	-----	2 10	18 00	160 00
* Gardenia , creamy-yellow flowers in small sprays; quite hardy.				
1710 No. 1	-----	5 50	50 00	450 00
4570 No. 1½	-----	4 50	40 00	350 00
7000 No. 2	-----	2 90	25 00	220 00
King Midas —See Patented Roses for prices and description.				
* New Dawn , fragrant blush pink flowers in clusters. Everblooming.				
360 No. 2	-----	3 70	32 00	-----
* Paul's Scarlet Climber , large intense scarlet flowers borne in clusters; free-flowering and hardy.				
300 No. 1	-----	6 00	55 00	-----
500 No. 1½	-----	5 00	45 00	-----
2210 No. 2	-----	3 20	28 00	250 00
* Primrose , double, canary-yellow flowers; hardy.				
190 No. 1½	-----	5 00	45 00	-----
540 No. 2	-----	3 20	28 00	-----
Prosperity , large clusters of pure white blooms on a strong, free-growing plant. Blooms first year.				
130 No. 1½	-----	5 00	45 00	-----

STOP!

Did you notice that fine Rose list.

You better get some more while you can.

ROSES—Continued

PATENTED ROSES

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

HYBRID TEA

Northern California Grown

	10-20 Each	20-100 Each	100-250 Each
** Applause, Patent No. 829 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Prolific bloomer. Winner of the much-prized BAG-ATELLE GOLD MEDAL.			
580 No. 1	\$1 10	\$1 00	\$ 95
230 No. 1½	90	80	---
** Capistrano, Patent No. 992. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.			
240 No. 1	1 25	1 12½	1 05
440 No. 1½	1 00	90	84
** Charlotte Armstrong, Patent No. 455 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Brilliant blood-red buds as long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.			
390 No. 1½	90	80	---
** Crimson Glory, Patent No. 105 (Retail \$1.75 ea; 3 or more \$1.55 ea.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.			
890 No. 1½	80	70	64
** Diamond Jubilee, 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.			
170 No. 1	1 10	1 00	---
220 No. 1½	90	80	---
** Fred Howard, 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 for 1952.			
840 No. 1	1 40	1 25	1 20
280 No. 1½	1 12	1 00	---
** Golden Scepter, Patent No. 910. (Retail \$2.50 ea; 3 or more \$2.20 each.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.			
100 No. 1	1 40	1 25	---
370 No. 1½	1 12	1 00	---

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
** Katherine T. Marshall , Patent No. 607 (Retail \$1.75 ea; 3 or more \$1.55 ea.) 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.			
280 No. 1	\$1 00	\$ 87½	\$
240 No. 1½	80	70	---
** Lowell Thomas , Patent No. 595 (Retail \$2.00 ea; 3 or more \$1.75 ea.) 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.			
140 No. 1	1 10	1 00	---
** Mission Bells , Patent No. 923 (Retail \$2.25 ea; 3 or more \$2.00 ea.) 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.			
370 No. 1	1 25	1 12½	1 05
290 No. 1½	1 00	90	84
** Peace , Patent No. 591 (Retail \$2.50 ea; 3 or more \$2.20 ea.) Ovoid buds and golden-yellow etched with pink as they open, color changes from canary-yellow, pale golden, to iridescent 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.			
880 No. 1	1 40	1 25	1 20
** Rubaiyat , Patent No. 758 (Retail \$1.75 ea; 3 or more \$1.55 ea.) 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.			
170 No. 1	1 00	87½	---
280 No. 1½	80	70	---
** San Fernando , Patent No. 785 (Retail \$1.75 ea; 3 or more \$1.55 ea.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.			
490 No. 1	1 00	87½	80
250 No. 1½	80	70	64
*** Sleigh Bells , Patent No. 1004 (Retail \$2.00 ea; 3 or more \$1.75 ea.) The large ovoid buds are borne singly on exceedingly long stems. The freely produced flowers open gradually into blooms of great size with 40 or more petals, lovely in all stages. Unusual for a white rose it is really fragrant and is vigorous and disease resistant.			
180 No. 1	1 10	1 00	---
250 No. 1½	90	80	76

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
*** Taffeta , Patent No. 716 (Retail \$1.75 ea; 3 or more \$1.55 ea.) Rich carmine-rose in the bud, changing to begonia-rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.			
100 No. 1	\$1 00	\$ 87½	\$..
400 No. 1½	80	70	64
** Tallyho , Patent No. 828 (Retail \$2.00 ea; 3 or more \$1.75 ea.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich crimson. The buds, before they unfold, are deep cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.			
320 No. 1	1 10	1 00	95
130 No. 1½	90	80	---

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each
** Cl. Peace , Patent No. 932 (Retail \$2.50 ea; 3 or more \$2.20 ea.) Climbing form of the famous bush Hybrid Tea.			
160 No. 1	\$1 40	\$1 25	\$1 20
100 No. 1½	1 12	1 00	96
** Cl. Summer Snow , Patent No. 400 (Retail \$2.00 ea. 3 or more \$1.75 ea.) Everblooming white Climber. Clusters of pure white flowers.			
750 No. 1	1 10	1 00	95
** King Midas , Patent No. 586 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.			
30 No. 1	1 10	1 00	---
60 No. 1	90	80	---

PATENTED FLORIBUNDA

*** Chatter , Patent No. 739 (Retail \$1.50 ea; 3 or more \$1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
50 No. 1	90	---	---
80 No. 1½	72	---	---
*** Fashion , Patent No. 789 (Retail \$2.00 ea. 3 or more \$1.75 ea.) 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.			
80 No. 1	\$1 10	\$..	\$..
150 No. 1½	90	---	---

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	Each 10-20	Each 20-100	Each 100-250
*** Geranium Red , Patent No. 811 (Retails \$1.50 ea; 3 or more \$1.30 ea.) Flowers very double. (50 petals.) Strong geranium fragrance, bright geranium-red; cluster.			
100 No. 1½ -----	72	---	---
*** Pinkie , Patent No. 712 (Retails \$1.75 ea; 3 or more \$1.55 ea.) 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.			
150 No. 1 -----	1 00	87½	---
280 No. 1½ -----	80	70	64
*** Pinocchio , Patent No. 484 (Retails \$1.50 ea; 3 or more \$1.30 ea.) 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.			
100 No. 1½ -----	72	---	---
*** Summer Snow , Patent No. 416 (Retails \$1.50 ea; 3 or more \$1.30 ea.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.			
100 No. 1½ -----	72	---	---
** White Pinocchio , Patent Applied For. (Retails \$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 inch flowers.			
100 No. 1 -----	90	---	---

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.

ACHILLEA, Millfoil or Yarrow	Per 10	Per 100
Ptarmica, The Pearl. Large double white. 18 in. June-July.	\$ 1 20	\$ 10 00
★ALYSSUM, Rock Madwort		
Saxatile Compactum, bright yellow flowers. April-May. 10 in. . .	1 40	12 00
ANTHEMIS, Camomile		
tinctoria, golden yellow flowers; finely cut. June. 2 ft.	1 40	12 00
AQUILEGIA, Columbine. May-June.		
Clematiflora. Mixed. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.	1 40	12 00
Crimson star. New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	1 80	15 00
Orange and Scarlet Shades	1 40	12 00
BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)		
CAMPANULA, Bellflower		
medium (Single canterburybells), large bell-shaped flowers.		
Blue, Rose and White, separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

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

Algonquin, a very hardy variety, with healthy foliage. Pure bright yellow flowers; large and double. Early.	1 80	15 00
Autumn Lights, coppery bronze, a gleaming orange overcast. . .	1 80	15 00
Avalanche. Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	1 80	15 00
Dahlia Flower, low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

Alert. One of the best large early dark purple. Mid September	1 80	15 00
Allegro. Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	1 80	15 00

HARDY PERENNIAL PLANTS—Continued

Per 10 Per 100

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS—Continued

Apricot Glow. Richly hued apricot bronze. The double blooms are 2½ inches in diameter borne in profusion. Cushion type plant. Late August. 18 inches.	\$ 2 10	\$ 18 00
Betty. An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 90	25 00
Charm Spoon. 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
Chris Columbus. Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches.	2 10	18 00
Early Worm. A vivid semi-double dwarf yellow. Early and very hardy.	2 10	18 00
Fuchsia Fairy. A fine new dwarf mum of clear fuchsia color. Bears a mass of fully double flat flowers about 1 inch across.	2 40	20 00
Generalissimo. A very rugged, fully double flower of soft magnolia-purple. Early September.	2 90	25 00
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches.	2 10	18 00
Golden Memories. Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across.	2 10	18 00
Gold Pagent. Masses of 3 inch double flowers of gold with a darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early — September 25th.	2 10	18 00
Huntsman. Bright scarlet orange overlaid with bronze tints. Hardy and a good cut flower. Early October.	2 90	25 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Oriental Glory. Large double blooms of brilliant oriental red. A good variety for cutting.	2 10	18 00
Papoose. A creeping mound of rich wine red. Very showy in borders and rock gardens. Excellent dwarf variety.	3 50	30 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color.	2 10	18 00
Purple Star. Bright dahlia-purple flowers of star-like shape, semi-double to nearly double. Early September. 2 ft.	2 10	18 00
Ray Dietz. A small buttonhole pompom of brightest yellow. Fully double. 1 inch across.	2 10	18 00
September Bronze (Early Bronze), a remarkably early flowering cut-flower variety; bright bronze pompon. Aug.-Sept. 18 in.	1 80	15 00
September Dawn. 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

HARDY PERENNIAL PLANTS—Continued**CHRYSANTHEMUMS—Continued.**

Per 10 Per 100

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Butterball. Double ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	\$ 2 10	\$ 18 00
Glacier. Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Fully double, dahlia like blooms of good color cover entire plant. Late August. 20 inches.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

Candlelight. Well formed flowers of ivory-white. Excellent plant and foliage habits. Early September.	2 10	18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00
Courageous. 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
Early Harvest. 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
Ermine. Fully double, wide petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut. Blooms October.	2 90	25 00
Fairbow. Heavy blooming lavender-pink pompom. Splendid upright growth makes it a good cut flower. Early September.	2 10	18 00
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches.	2 10	18 00
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches.	2 10	18 00
Kathleen Lehman. Brightest orange-gold deepening to red-gold at center. A new bronze. Late September.	2 40	20 00
Magnificent. Flowers of plum-red or rosy-cardinal with coppery cast. Strong branches with 4 in. flowers excellent for cutting. Early October.	2 40	20 00
Meditation. 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 90	25 00
Olive Longland. 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
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches.	2 10	18 00
Remembrance. Deep ruby-carmine color that is retained for the life of the flower. Very frost hardy. Late September.	2 40	20 00

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

	Per 10	Per 100
Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches.	\$ 2 90	\$ 25 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches.	2 40	20 00
Primrose. An immense primrose yellow flower shading to cream. A strong grower. Good as sprays, but immense if disbudded. A beauty. September.	2 90	25 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid-September. 26 inches.	2 40	20 00

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
Bronze Cushion, double flowers compact mounds of bronze and copper. Early.	\$ 1 80	\$ 15 00
Pink Cushion, masses of light pink flowers in broad mounds.	1 80	15 00
Purple Cushion. A new perfectly round, bushy plant completely covered with very attractive, fully double purplish-rose colored flowers, with deep wine colored centers.	2 40	20 00
Red Cushion, a splendid improved early crimson red variety.	1 80	15 00
White Cushion, a select strain, double white flowers.	1 80	15 00
Yellow Cushion, pure golden yellow; early flowering and long lasting.	1 80	15 00

HARDY CARNATION—See Dianthus Grenadin Caryophyllus**COREOPSIS, Tickseed**

Mayfield Giant, large yellow flowers on firm, strong stems.	1 20	10 00
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DAISY SHASTA, Chrysanthemum Maximum

Alaska Supreme, shapely plants, large flowers. June-July.	1 20	10 00
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DELPHINIUM

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

★DIANTHUS**Barabatus, 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.

Newport Pink. Rich Salmon pink. This variety being grown from seed is always partly mixed.	1 20	10 00
Nigricans. Very dark crimson flowers bronzy foliage.	1 20	10 00
Purple Beauty. Bright deep purple.	1 20	10 00
Scarlet Beauty. 18 inches.	1 20	10 00
White Beauty. 18 inches.	1 20	10 00

Latifolius.

Atrococcineous flore pleno, deep intense scarlet; double flowering. Blooms all Summer. 12 inches.	1 60	12 00
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HARDY PERENNIAL PLANTS—Continued**★DIANTHUS—Continued**

Per 10 Per 100

Plumaris.

Scoticus Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches.

Blooms 1½ to 2 inches. Free flowering. \$ 1 80 \$ 15 00

Semperflorens flore pleno. Single and double pinks. 15 inches. ... 1 40 12 00

Spring Beauty. Double and single blooms of rose, pink and white; fragrant flowers on long spikes. Blooms throughout the summer. 1 80 15.00

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.

Per 10 Per 100

Golden Sun. Early flowering, very double, large clear yellow flowers. \$ 1 80 \$ 15 00

King of the Blacks. Deep Maroon. Almost Black. 1 80 15 00

Rose Queen Triumph. Deep delicate pink. 1 80 15 00

Cardinal. Bright scarlet. 1 80 15 00

White. 1 80 15 00

DIELYTRA, (DICENTRA) Bleeding Heart

★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 in. ... 2 10 18 00

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. 4 50 40 00

★FUNKIA, plaintain Lily

lancifolia, green foliage, lilac flowers. July-Aug. 18 in. 1 80 15 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½ to 2 ft. 1 80 15 00

Dazzler, large golden and maroon flowers, strong stems. 1½ ft. 1 40 12 00

GYPSOPHILA, Baby's Breath

Oldhamiana, flowers white delicately tinted pink; upright growth. Blooms late in Autumn. 3 ft. 1 80 15 00

paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft. 1 20 10 00

HARDY PERENNIAL PLANTS—Continued**HEMEROCALLIS, Day Lily**

Per 10 Per 100

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.	\$ 3 50	\$ 30 00
flava , clear lemon yellow, sweet scented, profuse. June. 2½ ft. yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Kwanso Fl. Pl. , a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	2 40	20 00
Mrs. H. Wyman , perfect, well rounded flowers of pure gold. July-August. 4 ft.	2 40	20 00
Thunbergi , much like Flava but flowers one month later. July. 2½ ft.	1 20	10 00

HIBISCUS, Rose Mallow

Crimson Eye. Pure white deep crimson eye.	1 80	15 00
Marvel's Red. Pure red, no eye.	1 80	15 00
Marvel's Pink. Pure pink, no eye.	1 80	15 00

LATHYRUS, Everlasting Sweet Pea

latifolius , a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	1 40	12 00
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LAVENDULA (Lavender)

vera , fragrant blue flowers. The true Sweet Lavender. July and August. 18 in.	2 00	18 00
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★LINUM, Flax

perenne , bright blue flowers, upright growth.	1 20	10 00
perenne alba , white flowers, upright growth.	1 20	10 00

LOBELIA, Indian Paintbrush

Cardinalis , Cardinal Flower, rich, fiery cardinal flowers often producing 5 to 6 spikes. August-September. 30 in.	1 80	15 00
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LUPINUS**polyphyllus**

Russell Hybrids , striking pea-shaped flowers of unusual color combinations produced on strong 3 to 4 foot spikes. Spring delivery only.	1 80	15 00
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MYOSOTIS, Forget-me-not

★Palustris semperflorens , rich blue flower, yellow eye. Blooms all summer. 8 in.	1 40	12 00
Pink Beauty. Clusters of large, deep pink forget-me-not flowers. Good cut flower. June to September.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued**PHLOX—Paniculata**

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

	Per 10	Per 100
Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 inches.	\$ 1 80	\$15 00
American Beauty. A beautiful deep rose-pink. All that the name implies.	1 80	15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Apollo Red. Deep rose-red.	1 80	15 00
B. Comte, rich, satiny wine-red; one of the most brilliant.	1 80	15 00
Eva Forester, large heads of 30 to 40 individual flowers at one time. Flower clear pink and 1¼ in. across.	1 80	15 00
Fiancee, beautiful waxy white flowers. Blooms very late in the season.	1 80	15 00
Flash. New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	1 80	15 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
July Lights. Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye. ..	1 80	15 00
Leo Schlageter, brilliant, glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence today.	1 80	15 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Moonlight Dream. Large rich creamy white trusses. Medium grower.	2 10	18 00
Morgenrood, large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems.	1 80	15 00
Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.	1 80	15 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	1 80	15 00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2 10	18 00
Prime Minister, pure white with distinct crimson eye.	1 80	15 00
Progress. 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
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	2 10	18 00
Rheinlander, salmon pink with carmine eye.	1 80	15 00
Rijnstroom, clear rose-pink with lavender cast. Large compact trusses. Vigorous grower. Very desirable.	1 40	12 00
Ruby Lee. Extra large plum-red flowers. Medium height.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued**PHLOX, *Paniculata*—Continued**

Per 10 Per 100

Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.	\$ 1 80	\$ 15 00
Salmon Glow. Beautiful, large flame pink flowers with salmon flush.	1 80	15 00
San Antonio. Carmine shaded plum-red, the heads and individual flowers are very large.	2 10	18 00
Sieboldt. Orange scarlet with crimson eye.	1 80	15 00
Starlight, 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
Thor, deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 40	12 00
World Peace. 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

PHLOX, *subulata*, Moss or Mountain Pinks

alba, pure white flowers cover the plant in May.	1 40	12 00
atropurpurea, deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2 10	18 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.	2 40	20 00
lilacina, a strong-growing creeping variety for massing in the rocky, 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
Samson, rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00

PHYSALIS, Chinese Lantern Plant. (RG)

Francheti, Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.	1 40	12 00
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PLATYCODON, Balloon Flower. June and July. 18 in.

grandiflorum, blue.	1 40	12 00
Grandiflora Rosea, Lovely new pure rose-pink.	1 80	15 00

PYRETHRUM, Painted Daisy. May-June. 18 in.

atrosanguinea, deep rose-red, single flowers.	1 40	12 00
hybridum roseum, soft pink and rose shades, single.	1 40	12 00

SALVIA (Sage)

Edible, especially valuable for seasoning. 2 ft.	1 20	10 00
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★SEDUM, Stonecrop

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

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