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62
The Shenandoah Nurseries
(LAKES)

Shenandoah, Iowa 51601

BULLETIN
NO. 2

WITH GRADE COUNTS

April 5, 1965

AREA CODE 712

PHONE 246 - 3563

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR 95 YEARS

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid within 10 days. **NET**—30 days.

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

PRICES—**EXCEPTING PATENTED ITEMS.** Wholesale prices to apply on Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) on the following quantities:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

PATENTED ITEMS—See individual headings.

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

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE — The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop condition and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

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

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

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.

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

Note: We will not be responsible for the condition of stock picked up by customer if he does not have adequate protection from wind and freezing. Cattle trucks will not be loaded as they do not furnish sufficient protection.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged 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 accepted, or when report is not made in writing within **TEN DAYS** after arrival of stock. Any claims for merchandise damage after delivery by Shenandoah Nurseries to the carrier shall be made by the customer to the carrier within 48 hours.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.

THE SHENANDOAH NURSERIES

D. S. LAKE, President

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

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

APPLE and CRAB

						Per 10	Per 100
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.						\$ 9.00	\$ 85.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.						7.00	65.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.						5.00	45.00
4 to 5 ft. Whips						7.00	65.00
3 to 4 ft. Whips						5.50	50.00
2 to 3 ft. Whips						3.50	30.00
18 to 24 in. Whips						2.50	20.00
	9/16"	7/16"	5/16"	4/5"w	3/4"w	2/3"w	18/24"w
Anoka						100	60
Baldwin				20	80	80	
Cortland					60	120	20
Delicious Dark Red						690	430
Delicious Yellow			100			370	170
Dolgo	100	340	30			360	100
Duchess Dark Red			30	20	70	360	50
Fireside					40	50	
Grimes Golden						180	80
Haralson							140
Hibernal	100			20	110		
Jonadel	450	330	270			70	
Jonathan Dark Red	260	950	990			130	160
McIntosh Dark Red					280	520	210
Minjon		90			60	70	
Stayman Dark Red			90			90	130
Wealthy		50	130			240	
Whitney			60		30	110	60
Winesap Dark Red			60			40	
Yellow Transparent				70	450	820	200

APPLE

New and Patented Varieties

CONNELL RED

Plant Patent No. 1602

Early bearing Red Sport of Fireside. Smooth round fruit of dark red, clings well until late harvest. Sub-acid flavor excellent for dessert, sauce and salad. Stores well.

	10-29	30-99
	Each	Each
300 4½ ft. and up, 11/16 in. and up	\$ 1.65	\$ 1.50
60 4 ft. and up, 9/16 to 11/16 in.	1.32	1.20
20 3 ft. and up, 7/16 to 9/16 in.	1.10	1.00
90 2 ft. and up, 5/16 to 7/16 in.	.90	.80

SUGGESTED RETAIL

	EACH	Per 3	Per 12	Per 100	Per 500
		Each	Each	Each	Each
11/16 in.	\$ 3.00	\$ 2.75	\$ 2.50	\$ 2.00	\$ 1.90
9/16 in.	2.50	2.25	2.00	1.75	1.60
7/16 in.	2.00	1.75	1.60	1.35	1.10
5/16 in.	1.70	1.50	1.35	1.05	.95

DWARF CONNELL RED

	10-29	30-99
	Each	Each
80 7/8 in. and up	\$ 2.75	\$ 2.50
350 4 ft. and up, 11/16 in. and up	2.25	2.00

APPLE — DWARF

Dwarfing stock is Malling No. 2, 7 and 9. Order desired understock or we will ship any available and indicate type booked.

							Per 10	Per 100
4 ft. and up, 11/16 in. and up							\$19.00	\$175.00
3½ ft. and up, 9/16 to 11/16 in.							16.50	150.00
2½ ft. and up, 7/16 to 9/16 in.							14.00	125.00
2 ft. and up, 5/16 to 7/16 in.							10.00	90.00
3 to 4 ft. whips							13.00	115.00
2 to 3 ft. whips							11.00	100.00
18 to 24 in. whips							8.00	75.00
	7/8"	11/16"	9/16"	7/16"	5/16"	3/4"w	2/3"w	18/24"w
Anoka							100	60
Delicious Dk. Red					100	120	130	50
Delicious Yellow				240	450	150	270	140
Duchess Dk. Red						70	350	50
Fireside	40	200						
Haralson					20	60	90	20
Jonadel			130	210	80		20	
Jonathan Dk. Red		350		700	620		90	
McIntosh Dk. Red					170		60	20
Northern Red Spy		150	30		40		20	
Stayman Dk. Red	60	280				20	100	
Wealthy						20	50	30
Whitney		120					340	130
Yellow Trans.					190	230	370	210

APPLE — QUINTUPLET

Our 5-N-1 Apple are budded to a strong two-year graft and then grown another full year to produce a strongly branched tree of five varieties. Following varieties.

	Per 10	Per 100
Delicious Dark Red		
Jonathan Dark Red		
McIntosh Dark Red		
Stayman Dark Red		
Yellow Delicious		
Yellow Transparent		
560 Three Years, 7/8 in. and up	\$21.00	\$190.00
30 Three Years, 11/16 to 7/8 in.	19.00	175.00

DWARF QUINTUPLET APPLE

Dwarf form of the above on same understocks. Same variety combination.

	Per 10
250 7/16 in.	\$20.00

DELCON APPLE — SEMI-DWARF

Truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

	Per 10
240 9/16 to 11/16 in.	\$11.00
30 7/16 to 9/16 in.	9.00

APRICOTS

	Per 10	Per 100	Per 1000
3 ft. and up, 9/16 to 11/16 in.	\$10.00	\$90.00	\$
2½ ft. and up, 7/16 to 9/16 in.	7.50	70.00	650.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	400.00
3 to 4 ft. whips	6.00	55.00	
2 to 3 ft. whips	4.00	35.00	
	9/16"	7/16"	5/16"
Chinese Early Golden	50	830	1780
Moorpark		510	950
Superb		670	1100
			3/4"w
			2/3"w
			170
			40
			520
			440

APRICOTS

A new variety of Apricot developed at the University of Minnesota Fruit Breeding Farm for the Minnesota climate. At the Farm they have produced heavy crops of freestone fruits. They are juicy and pleasant for eating fresh and fine for canning. Medium sized fruits hang on tree until well ripened. Trees are hardy and resistant to disease; about the size of Plum trees. Require a pollinizer.

Sungold. (Minn. No. 36)

Slightly oval fruit of gold color with an orange blush. Mild and sweet; very good quality. Rather upright tree.

	10-19
	Each
220 2½ ft. and up, 7/16 to 9/16 in.	\$ 1.65
480 2 ft. and up, 5/16 to 7/16 in.	1.40

CHERRY

ONE YEAR	Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.	\$ 7.00	\$ 65.00	\$600.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	---
3 to 4 ft. whips	5.50	50.00	---
2 to 3 ft. whips	4.00	35.00	---
18 to 24 in. whips	3.00	25.00	---
	7/16"	5/16"	3/4"w 2/3"w 18/24"w
Early Richmond	330	340	---
Kansas Sweet	230	160	1430
Montmorency	1100	2620	---
Yellow Glass	---	---	1230
			310

DWARF SOUR CHERRY

Meteor (Minn. No. 66)

Vigorous tree with large bright red fruit. Flesh is yellow and medium juicy with a mild acid flavor. Ripens 7-10 days later than North Star.

	Per 10	Per 100
380 2 ft. and up, 5/16 in.	\$ 8.00	\$ 75.00

North Star (Minn. No. 58)

Tree is small, productive, resistant to leaf spot and brown rot. Fruits ¾ inch in diameter, at first bright red, turning mahogany red. Yellowish flesh is juicy, tender and meaty. Ripens about July 1. Very hardy.

	Per 10	Per 100
480 2 ft. and up, 5/16 in.	\$ 8.00	\$ 75.00

NECTARINE

	Per 10	Per 100
220 3 ft. and up, 7/16 to 9/16 in.	\$ 7.50	\$ 70.00
100 2 ft. and up, 5/16 to 7/16 in.	5.00	45.00
Surecrop		

PEACH

	Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.	\$ 6.50	\$ 60.00	\$500.00
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	400.00
		7/16"	5/16"
Belle of Georgia		780	230
Champion		250	190
Early Elberta		2000	950
Elberta		480	3800
Golden Jubilee		380	380
Hale Haven		1500	720
Indian Cling		130	240
J. H. Hale		1360	2330
Marquette		80	270
Polly		250	160
Red Haven			1000
Sunhigh		110	50

SUMMERLONG PEACH**Plant Patent No. 1503**

This variety bears fruit over an extended period, often 3 or 4 weeks after first picking. Excellent quality fruit is medium sized, freestone, juicy and sweet. Elberta type color, reddish tinge with yellow flesh.

	Per 10	Per 100
120 2 ft. and up, 5/16 to 7/16 in.	\$ 7.50	\$ 70.00

PEAR — STANDARD

	Per 10	Per 100	Per 1000
5 ft. and up, 7/8 in. and up	\$13.50	\$120.00	\$
4½ ft. and up, 11/16 to 7/8 in.	12.00	110.00	1000.00
4 ft. and up, 9/16 to 11/16 in.	9.00	85.00	800.00
3 ft. and up, 7/16 to 9/16 in.	7.50	70.00	.....
2 ft. and up, 5/16 to 7/16 in.	5.00	45.00	.....
4 to 5 ft. whips	7.50	70.00	.....
3 to 4 ft. whips	6.00	55.00	.....
2 to 3 ft. whips	4.00	35.00	.....

	7/8"	11/16"	9/16"	7/16"	5/16"	4/5"w	3/4"w	2/3w
Anjou	70	30	20	.....	.....	.....	.....	.....
Bantam	70	400	160	40	20	.....	.....	.....
Bartlett	1000	200	.....	.....	.....	.....	900	570
Clapp Favorite	150	300	190	.....	.....	.....	40	20
Douglas	280	300	.....	.....	.....	50	20	.....
Kieffer	1240	1380	160	.....	.....	.....	20	20
Mendel .....	.....	510	1090	370	130	.....	.....	.....
Parker	500	400	310	.....	130	.....	30	40
Patten	750	410	80	180	20	120	30	.....
Seckel	340	60	400	.....	.....	.....	.....	20
Waite	460	800	250	.....	.....	.....	.....	20

PEAR — DWARF

	Per 10	Per 100
TWO YEAR		
400 4 ft. and up, 11/16 in. and up	\$19.00	\$175.00
80 3½ ft. and up, 9/16 to 11/16 in.	16.50	150.00
Bartlett		

MAX-RED BARTLETT PEAR**Patent No. 741**

Per 10 Per 100 Per 1000

High quality sport of Bartlett, ripening at same time. Good keeper.

900 4½ ft. and up, 11/16 in. and up	\$13.50	\$120.00	\$1100.00
90 4 ft. and up, 9/16 to 11/16 in.	10.00	95.00	.....

PLUM**AMERICAN and HARDY HYBRIDS**

(On Native Roots)

ONE YEAR, All branched.		Per 10	Per 100	
4½ ft. and up, 11/16 to 7/8 in.		\$11.00	\$100.00	
4 ft. and up, 9/16 to 11/16 in.		9.00	85.00	
3 ft. and up, 7/16 to 9/16 in.		7.50	70.00	
2 ft. and up, 5/16 to 7/16 in.		5.00	45.00	
	11/16"	9/16"	7/16"	5/16"
Ember	120		60	
Golden Rod	100	370	250	80
Opata		70		
Sapa	50	200	150	20
Toka	280			

PLUM

EUROPEAN and JAPANESE

ONE YEAR, All branched.						Per 10	Per 100
5	ft. and up, 7/8 in. and up	-----				\$12.50	\$----
4½	ft. and up, 11/16 to 7/8 in.	-----				11.00	100.00
4	ft. and up, 9/16 to 11/16 in.	-----				9.00	85.00
3	ft. and up, 7/16 to 9/16 in.	-----				7.50	70.00
2	ft. and up, 5/16 to 7/16 in.	-----				5.00	45.00
			7/8"	11/16"	9/16"	7/16"	5/16"
Blue Damson	-----	200	----	----	----	70	----
Lombard	-----	----	----	50	----	60	----
Mount Royal	-----	----	70	----	----	40	80
Reine Claude	-----	60	60	----	----	30	30

SMALL FRUITS and MISCELLANEOUS GARDEN PLANTS

ASPARAGUS, Tied 25 per bundle.

Mary Washington		Per 100	Per 1000
8000 2 yr. No. 1	-----	\$ 4.50	\$ 40.00
9000 1 yr. No. 1	-----	3.50	30.00

BLACKBERRY, Tied 25 per bundle.

Early Harvest, very early.			
450 No. 1	-----	8.00	75.00
Ebony King, new, hardy, heavy producer.			
600 No. 1	-----	14.50	125.00

BLUEBERRIES.

50 Jersey, late. Good for canning, freezing and shipping.		
50 Rancocas, midseason. Dependable quality and production.		
50 Rubel, early. Hardy Productive and firm. Good shipper.		
12 to 18 in. 3 year	-----	75.00 650.00

CURRANT, Tied No. 1, 25; No. 2, 50 per bundle.

Red Lake, light red berries in long clusters. Thrifty and extremely productive.			
450 2 yr. No. 1	-----	25.00	225.00

GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle.

Caco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens September first.			
200 1 yr. No. 1	-----	24.00	200.00
Concord, black. Large bunches of tender, juicy fruit.			
200 2 yr. No. 1	-----	30.00	250.00
100 1 yr. No. 1	-----	24.00	200.00
Delaware, red. Early. Small bunches and berries.			
100 1 yr. No. 1	-----	24.00	200.00
Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.			
100 2 yr. No. 1	-----	30.00	250.00
150 1 yr. No. 1	-----	24.00	200.00

HORSERADISH

100 Crowns	-----	11.00	100.00
500 Cuttings	-----	7.00	60.00

RASPBERRY, Tied 25 per bundle.

1200 Cumberland, blackcap, large and juicy. No. 1 tips.		
1200 Indian Summer, large high-quality, everbearing red. No. 1 suckers.		
900 ✓ Latham, late, large, productive red. No. 1 suckers.		
200 Morrison, new blackcap. Larger than Cumberland. Vigorous and disease resistant. No. 1 tips.		

RHUBARB

Victoria, whole root.		Per 100	Per 1000
300 2 yr. 1½ in. and up	-----	\$12.50	\$115.00
5200 2 yr. 1 to 1½ in.	-----	9.50	90.00
500 1 yr. 5/8 to 1 in.	-----	7.50	70.00
250 1 yr. ½ to 5/8 in.	-----	5.50	50.00

Nut, Ornamental and Shade Trees

Our nut, shade and ornamental trees are first class, well shaped, young and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calipers are taken 6 inches above the collar. Size listed following the name is considered average mature size normally attained.

ACER

Per 10 Per 100

platanoides columnare. Pyramidal Norway Maple. 40-50 feet. Zone 4.

Pyramidal form of the popular Norway Maple.

60 5 to 6 ft., whips	\$19.00	\$175.00
10 6 to 7 ft., whips	22.50	-----

platanoides. Norway Maple. 90 feet. Zone 4.

Forms a round head with large, deep green leaves. Yellow fall foliage. Very hardy and transplants easily.

90 6 to 7 ft., whips	11.00	100.00
20 7 to 8 ft., whips	15.00	135.00
70 5 to 6 ft., branched	22.50	200.00
100 6 to 8 ft., branched	28.00	250.00
400 8 to 10 ft., branched	32.50	300.00
30 1¼ to 1½ in. Cal.	42.50	-----

platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 5.

Hardy, improved form of Schwedler Maple. Leaves are deep purplish red throughout entire spring and summer.

	10-49	50-99
	each	each
40 5 to 6 ft., whips	\$ 2.10	\$ 1.80
20 6 to 7 ft., whips	2.60	2.30

platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 5.

Per 10 Per 100

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.

100 5 to 6 ft., whips	\$16.50	\$125.00
130 6 to 7 ft., whips	22.50	200.00
50 4 to 5 ft., branched	27.50	-----
60 5 to 6 ft., branched	32.50	300.00
100 6 to 8 ft., branched	45.00	400.00

platanoides Royal Red. Redleaf Maple. Zone 5.

A new introduction with very glossy large leaves of rich dark red. Holds color throughout growing season. Straight and sturdy trunk and a well shaped tree.

200 5 to 6 ft., whips	18.00	165.00
100 6 to 7 ft., whips	23.50	215.00
90 7 to 8 ft., whips	30.00	270.00
60 4 to 5 ft., branched	30.00	-----

platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 5.

Perfectly shaped tree with purplish red leaves in spring and early summer, turning to yellow in autumn.

150 5 to 6 ft., whips	18.00	165.00
110 7 to 8 ft., whips	23.50	210.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

Per 10 Per 100

platanoides variegatum. Silver Variegated Norway Maple. 90 feet. Zone 4.

Popular Norway Maple form with white splotched leaves.

40	6 to 7 ft., whips.....	\$21.50	\$-----
40	6 to 8 ft., branched.....	35.00	-----
20	8 to 10 ft., branched.....	40.00	-----

rubrum. Red Maple. 120 feet. Zone 4.

A fast growing tree producing conspicuous red flowers in early spring and brilliant red leaves early in fall.

100	4 to 5 ft., branched.....	19.00	-----
40	8 to 10 ft., branched.....	42.50	-----

saccharinum. Silver Maple. 120 feet. Zone 4.

Very hardy, rapid-growing tree. Leaves finely cut, green with silvery white underneath.

130	1¼ to 1½ in. Cal.....	27.50	-----
20	1½ to 1¾ in. Cal.....	35.00	-----

saccharum. Sugar Maple. 120 feet. Zone 4.

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall. Fine street and lawn specimen.

240	5 to 6 ft., branched.....	30.00	275.00
280	6 to 8 ft., branched.....	37.50	350.00
20	8 to 10 ft.....	45.00	425.00

BETULA

pendula. European White Birch. 50-60 feet. Zone 2.

Exceedingly graceful tree with slightly pendulous branches. White bark. Yellow fall foliage.

30	4 to 5 ft.....	12.50	110.00
200	3 to 6 ft.....	16.50	150.00
130	6 to 8 ft.....	22.50	200.00
40	8 to 10 ft., branched.....	30.00	275.00

pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more trunks from the ground.

80	4 to 5 ft.....	26.00	235.00
150	5 to 6 ft.....	32.50	300.00
130	6 to 7 ft.....	38.00	350.00

pendula gracilis. Cutleaf European White Birch. 30-40 feet. Zone 2.

Very slender pendulous branches with laciniate leaves very finely cut. Yellow fall foliage.

20	4 to 5 ft.....	19.00	-----
130	6 to 7 ft.....	27.50	250.00
30	7 to 8 ft.....	30.00	-----

CELTIS

occidentalis. Common Hackberry. 50-70 feet. Zone 4.

Well formed shade tree of good foliage and dense habit.

330	3 to 4 ft.....	9.00	80.00
790	4 to 5 ft.....	11.00	100.00
800	5 to 6 ft.....	15.50	140.00
420	6 to 8 ft.....	25.00	225.00

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100

CERCIS**canadensis. Eastern Redbud. 35 feet. Zone 5.**

Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall.

900 18 to 24 in., shrub form.....	\$ 6.00	\$ 55.00
800 2 to 3 ft., shrub form.....	8.00	75.00
150 3 to 4 ft., shrub form.....	12.50	110.00

CORNUS**mas. Cornelian Cherry Dogwood. 24 feet. Zone 5.**

Small, yellow flowers appear before the shiny green leaves in early April. Edible fruit $\frac{1}{2}$ to $\frac{3}{4}$ " long turn scarlet in August. Red foliage in fall.

500 12 to 18 in.....	4.50	40.00
120 18 to 24 in.....	6.50	60.00

CRATAEGUS**oxyacantha pauli. Paul's Scarlet Hawthorn. 12-15 feet. Zone 5.**

Flowers are double bright scarlet. One of the most showy of all the Hawthorn.

20 4 to 5 ft.....	19.00	175.00
70 5 to 6 ft.....	25.00	225.00
60 6 to 7 ft.....	32.50	300.00

ELAEAGNUS**angustifolia. Russian Olive. 25 feet. Zone 3.**

Very hardy small tree or large shrub with conspicuous silvery gray foliage. Small fragrant flowers are yellow inside and silver outside. Yellow coated berries with silver scales.

500 2 to 3 ft.....	9.50	85.00
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FRAXINUS

Per 10 Per 100 Per 1000

americana. White Ash. 100 feet. Zone 3.

Tall, rapid growing tree valued for street and park planting. Dense foliage turns deep purple or yellow in autumn.

130 3 to 4 ft.....	\$ 9.00	\$ 80.00	\$ ----
110 4 to 5 ft.....	11.00	100.00	----
220 5 to 6 ft.....	15.50	140.00	----
200 6 to 8 ft.....	25.00	225.00	----
130 8 to 10 ft.....	35.00	325.00	----
100 $1\frac{1}{4}$ to $1\frac{1}{2}$ in. Cal.....	37.50	350.00	----

pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 3.

Shapely, vigorous and dense tree. Yellow autumn foliage. Very hardy.

280 3 to 4 ft.....	8.50	80.00	750.00
250 4 to 5 ft.....	11.00	100.00	900.00
520 5 to 6 ft.....	15.50	140.00	----
650 6 to 8 ft.....	25.00	225.00	----

Per 10 Per 100

GLEDITSIA**triacanthos inermis. Thornless Honeylocust. May. 50-60 feet. Zone 5.**

Broad, open tree with fine textured leaves that appear late in spring and drop early in fall. Long twisted pods remain on tree long after leaves have fallen. Adaptable to most any location.

100 3 to 4 ft., whips.....	\$ 6.00	\$ 55.00
100 4 to 5 ft., whips.....	8.00	75.00
200 3 to 4 ft., branched.....	8.00	75.00
200 4 to 5 ft., branched.....	11.00	100.00

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

Ruby Lace Honeylocust. Pat. No. 2038. Zone 5.

The new red locust. New foliage is red changing to bronze at maturity.
Spreading branch habit.

	10-49 Each	50-249 Each
Two Year Tops. Branched.		
350 4 to 5 ft.	\$ 3.75	\$ 3.00
100 5 to 6 ft.	4.40	3.50

Skyline Honeylocust. Pat. No. 1619. Zone 5.

Stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Dark green foliage of a heavy, leathery texture.

	10-29 Each	30-99 Each	100-299 Each
170 6 to 8 ft., branched.	\$ 4.70	\$ 4.25	\$ 3.85

GYMNOCLADUS

dioicus. Kentucky Coffeetree. 90 feet. Zone 5.

Per 10 Per 100 Per 1000

Large branching, open, picturesque habit. Particularly interesting during the long winter months.

370 3 to 4 ft.	\$16.50	\$150.00	\$1350.00
470 4 to 5 ft.	22.50	200.00	1750.00
330 5 to 6 ft.	27.50	250.00	2250.00
130 6 to 8 ft.	35.00	325.00	-----
20 8 to 10 ft.	40.00	-----	-----

LABURNUM

watereri (vossi) Waterer Laburnum. 25-30 feet. Zone 6.

Dense habit. Flowers are large and deep yellow, pea like in pendulous clusters appearing in late May.

	Per 10
50 6 to 8 ft., branched.	\$32.50

MALUS, Flowering Crab

Per 10 Per 100

2 to 3 ft.	\$12.00	\$110.00
18 to 24 in., whips.	7.50	70.00
2 to 3 ft., whips.	9.50	90.00

2/3' 2/3'w18/24" w

baccata mandshurica. 50 ft. Zone 3.

Very fragrant single white flowers. Earliest to bloom.

Very hardy. Red fruit. Vigorous and dense. Annual.

Resistant to fire blight. 40 80 30

Halliana parkmanni. 10-15 ft. Zone 6.

Double pink flowers, red fruits. 40 ---- 40

Ioensis Plena Improved. 25 ft. Zone 3.

Very double and fragrant pink bloom. Green fruit. Vigorous annual. 360 380

micromalus. Midget Crab. 20 ft. Zone 5.

Single pink flowers. Blooms young. Alternate bloomer. .. 50 20 20

Red Splendor.

Single carmine flowers. Red fruits and purplish foliage.

Annual. 60 80 120

MALUS DWARF. Dwarf Flowering Crab.

Per 10 Per 100

2 to 3 ft.	\$16.50	\$150.00
3 to 4 ft.	19.00	175.00
4 to 5 ft.	25.00	225.00
5 to 6 ft.	30.00	275.00

3/4' 2/3'

Almey	60	40
Radiant	-----	120

NUT, ORNAMENTAL and SHADE TREES—Continued

MALUS, Flowering Crab

	Per 10	Per 100		
2 to 3 ft.	\$ 8.50	\$ 80.00		
3 to 4 ft.	12.00	110.00		
18 to 24 in., whips.	5.50	50.00		
2 to 3 ft., whips.	6.50	60.00		
	3/4'	2/3'	2/3'w18/24"v	
Almey. 15-20 ft. Zone 3.				
Single carmine flowers, white center, bright red fruit. Resistant to fire blight.	110	500	200	
Cowichan. 18 ft. Zone 5.				
Single purplish-red flowers and fruits. Red autumn foliage. Annual. Good fruit for jelly.	230	60	60	
Dorothea. 10-ft. Zone 5.				
Semi-double, pink and white. Yellow fruit. Annual. Blooms very young.	30	180	---	
Jay Darling. 15 ft. Zone 5.				
Purplish-red flowers and fruit. Single	---	60	---	
Makamik. 40 ft. Zone 5.				
Single purplish-red blooms. Red fruit. Dense bronze foliage. Annual.	60	20	60	100

PLATANUS

occidentalis, American Planetree, 120-150 feet, Zone 6.

Large leaves on one of most massive and tallest of trees. White bark peels in flakes. Popular as shade and avenue tree.

140 4 to 5 ft.	11.00	100.00
50 5 to 6 ft.	15.50	140.00

POPULUS

alba pyramidalis, Bolleana Poplar, 90 feet, Zone 4.

Large tree of irregular habit; rather open and columnar. Large lobed leaves with down white undersurface are lightly red in fall. Whitish gray bark. More resistant to trunk canker than Lombardy. Withstands drouth and poor soil.

250 3 to 4 ft.	7.50	70.00
300 4 to 5 ft.	10.00	90.00

PRUNUS

persica, Flowering Peach (tree form on peach), 15-18 feet, Zone 6.

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 5.50	\$ 50.00	\$450.00
3 to 4 ft.	8.00	75.00	700.00
4 to 5 ft.	11.00	100.00	950.00
5 to 6 ft.	14.00	125.00	---

	5/6'	4/5'	3/4'	2/3'
Cardinal, double red	---	---	1490	350
Iceberg, white	---	---	50	200
Pink Charming, double pink	200	290	190	180

Rutgers, Purpleleaf Peach.

A vigorous growing purple leaved Peach. Provides useful color accent.

910 2 to 3 ft.	4.00	35.00	300.00
2270 3 to 4 ft.	5.50	50.00	450.00

NUT, ORNAMENTAL and SHADE TREES—Continued

QUERCUS

Per 10 Per 100 Per 1000

palustris. Pin Oak. 75 feet. Zone 5.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Scarlet autumn foliage. A most desirable shade tree but requires ample space.

500	3 to 4 ft.	\$14.00	\$125.00	\$----
1180	4 to 5 ft.	20.00	175.00	----
700	5 to 6 ft.	25.00	225.00	----
200	6 to 8 ft.	35.00	325.00	----
40	8 to 10 ft.	45.00	425.00	----
50	1¼ to 1½ in. Cal.	55.00	-----	----

SALIX

alba tristis. Niobe Willow. 50 feet. Zone 3.

Extremely hardy "Golden Weeping Willow" of exceptional grace and beauty.

300	4 to 5 ft.	8.00	75.00	700.00
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blanda. Wisconsin Weeping Willow. 40 feet. Zone 5.

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

270	3 to 4 ft.	6.50	60.00	550.00
180	4 to 5 ft.	8.00	75.00	700.00
500	5 to 6 ft.	12.50	110.00	1000.00
1100	6 to 8 ft.	16.50	150.00	1350.00
1400	8 to 10 ft.	22.50	200.00	1800.00
50	1¼ to 1½ in. Cal.	27.50	250.00	-----

discolor French Pink. 20 feet. Zone 3.

A new French variety with pinkish, long catkins.

1900	12 to 18 in.	3.50	30.00	250.00
900	18 to 24 in.	5.00	45.00	400.00

SORBUS

aucuparia. European Mountainash. 45 feet. Zone 3.

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

100	4 to 5 ft., whips	14.00	-----	-----
30	5 to 6 ft., whips	16.50	-----	-----
100	4 to 5 ft.	19.00	175.00	-----
280	5 to 6 ft.	25.00	225.00	-----
300	6 to 8 ft.	30.00	275.00	-----

aucuparia. Lombarts Hybrids.

40	4 to 5 ft.	21.50	-----	-----
80	5 to 6 ft.	27.50	-----	-----
30	6 to 8 ft.	33.00	-----	-----

Apricot Queen, apricot colored berries.

TILIA

Per 10 Per 100 Per 1000

americana. American Linden. 100 feet. Zone 3.

Rather fast growing tree with open head. Large, coarse leaves turn yellow in fall. Drooping clusters of fragrant yellow flowers in July. Good street tree.

150	3 to 4 ft.	\$11.00	\$100.00	\$----
370	4 to 5 ft.	16.50	140.00	----
100	8 to 10 ft.	37.50	350.00	----

cordata Greenspire. Greenspire Linden. Pat. No. 2036. 70 feet. Zone 4.

Small leathery foliage on a narrow oval formed tree of rapid growth. Forms a perfectly straight trunk without staking or pruning. Flowers have a spicy fragrance. Outstanding for both landscape and street use.

2 year branched.		10-49	50-249
		Each	Each
80	4 to 5 ft.	\$ 3.00	\$ 2.50
140	6 to 8 ft.	5.00	4.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ULMUS

Per 10 Per 100 Per 1000

americana. American Elm. 100-120 feet. Zone 2.

A stately tree of unique vase-shaped form with widely arching branches.

250	3 to 4 ft.	\$ 4.50	\$ 40.00	\$350.00
800	4 to 5 ft.	6.50	60.00	550.00
2000	5 to 6 ft.	8.00	75.00	700.00
2500	6 to 8 ft.	12.00	110.00	1000.00
1500	8 to 10 ft.	18.00	165.00	1500.00
200	1¼ to 1½ in. Cal.	25.00	225.00	-----

americana Moline. Moline Elm. 80-100 feet. Zone 3.

Narrow, pyramidal, rapid-growing tree with large handsome green foliage.

40	4 to 5 ft.	10.00	90.00	850.00
140	5 to 6 ft.	13.00	115.00	1000.00
80	6 to 8 ft.	16.50	150.00	1350.00
360	8 to 10 ft.	23.50	210.00	1800.00
300	1¼ to 1½ in. Cal.	32.50	300.00	-----
100	1½ to 1¾ in. Cal.	40.00	375.00	-----

hybrid. Hybrid Elm. 60 feet. Zone 4.

Hybrid of americana and pumila on pumila. Large dark green leaves. Strong, straight branches. Hardy.

380	4 to 5 ft., whips	8.00	75.00	700.00
680	5 to 6 ft., whips	11.00	100.00	900.00
180	6 to 7 ft., whips	17.50	165.00	-----
100	4 to 5 ft., branched	10.00	-----	-----

pumila. Chinese Elm. 75 feet. Zone 5.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

360	3 to 4 ft.	5.50	50.00	450.00
720	4 to 5 ft.	6.50	60.00	550.00
700	5 to 6 ft.	10.00	90.00	850.00
100	8 to 10 ft.	20.00	175.00	1500.00
300	1¼ to 1½ in. Cal.	25.00	225.00	2000.00
180	1½ to 1¾ in. Cal.	30.00	275.00	-----

Ornamental Shrubs

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

The month indicates the beginning of bloom period; 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; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

BERBERIS

Per 10 Per 100 Per 1000

thunbergi. Japanese Barberry. May. 5 feet. Zone 6.

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

850	9 to 12 in.	\$ 2.50	\$ 20.00	\$180.00
2000	12 to 15 in.	3.50	30.00	250.00
200	18 to 24 in.	5.50	50.00	450.00
700	2 to 2½ ft.	6.50	60.00	550.00

thunbergi erecta. Truehedge Columnberry. May. 6 feet. Zone 6.

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

100	9 to 12 in.	2.50	20.00	-----
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BUDDLEIA

Butterflybush. July. 4-6 feet. Zone 6.

Cut tops back severely when planting for best results.

No. 1	4.50	40.00	350.00
Medium	3.50	30.00	250.00

Varieties available at above prices.

No. 1 Med.

Charming. 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks.

1800 2800

Dubonnet. 4-5 feet.

Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

2050 1580

Empire Blue.

An excellent shade of blue combining Aster blue with a lilac tone.

1290 1080

Ile de France. 4-5 feet.

Long spikes of dark claret-purple.

2600 780

Peace.

Pure white flowers in long, well-formed spikes. Vigorous plant.

2190 900

Royal Red.

Rich, dark royal purple flowers. Foliage deep leathery green.

1450 1400

African Queen.

One of the darkest new fine purples.

Per 10 Per 100 Per 1000

60	No. 1	\$ 5.50	\$ 50.00	\$-----
120	Medium	4.50	40.00	-----

Black Knight.

New. Almost black-blue, darkest of all. Large trusses and free blooming.

1630	No. 1	5.50	50.00	450.00
1610	Medium	4.50	40.00	350.00

ORNAMENTAL SHRUBS—Continued

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 3.

Per 10 Per 100

Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.

830 9 to 12 in.....	\$ 2.50	\$ 20.00
920 12 to 18 in.....	3.00	25.00
230 18 to 24 in.....	4.00	35.00

CARYOPTERIS

Per 10 Per 100 Per 1000

clandonensis. Blue Mist. August. 4 feet. Zone 6.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

300 No. 1	\$ 4.50	\$ 40.00	\$350.00
380 Medium	3.50	30.00	250.00

CHAENOMELES

japonica. Japanese Flowering Quince. May. 3 feet. Zone 4.

Orange-scarlet flowers and spicily fragrant rounded fruits. Dark shiny foliage. Bushy, dense growth. Cutting grown.

100 18 to 24 in.....	5.00	45.00	400.00
1600 2 to 3 ft.....	6.00	55.00	500.00
1000 3 to 4 ft.....	7.50	70.00	650.00

japonica rubra. Red Flowering Japanese Quince. May. 3 feet. Zone 4.

An improved, non-fruiting strain which produces true bright red flowers.

600 9 to 12 in.....	3.00	25.00	200.00
2290 12 to 18 in.....	4.00	35.00	300.00
150 18 to 24 in.....	5.00	45.00	400.00
750 2 to 3 ft.....	6.00	55.00	500.00
600 3 to 4 ft.....	7.50	70.00	-----

lagenaria and superba. Japan Quince. 6 feet. Zone 4.

9 to 12 in.....	4.50	40.00	-----
12 to 18 in.....	5.50	50.00	-----
18 to 24 in.....	7.50	70.00	-----

Following varieties at above prices:

	18/24"	12/18"	9/12"
Aurea (S) reddish orange. $\frac{7}{8}$ " diameter bloom.	80	140	60
Nivalis (L) white. Single.	290	310	150
Pink Lady (S) pink. Large flowers on low spreading almost thornless plant. Long blooming period.		100	60
Red Chief (L) deep red. Double. Medium, upright plant.		60	----
Texas Scarlet (S) watermelon red. Low, compact, almost thornless plant.		----	380

CORNUS

alba sibirica. Siberian Dogwood. May. 9 feet. Zone 3.

Stout, erect, bright branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

150 18 to 24 in.....	5.50	50.00	-----
580 2 to 3 ft.....	6.50	60.00	550.00

elegantissima variegata. Variegated Dogwood. April. 20 feet. Zone 5.

Small, yellow flowers before leaves are creamy-white and pink variegated. Edible $\frac{1}{2}$ inch scarlet fruit in August. Red autumn foliage.

130 2 to 3 ft.....	11.00	100.00	-----
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ORNAMENTAL SHRUBS—Continued

CORNUS—Continued

	Per 10	Per 100	Per 1000
stolonifera. Redosier Dogwood. May. 7 feet. Zone 3.			
Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.			
150 12 to 18 in.....	\$ 4.00	\$ 35.00	\$-----
200 18 to 24 in.....	5.50	50.00	-----
stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 3.			
A striking yellow-branched form of stolonifera, highly decorative.			
800 12 to 18 in.....	4.00	35.00	300.00
1780 18 to 24 in.....	5.50	50.00	450.00
2190 2 to 3 ft.....	6.50	60.00	550.00
1140 3 to 4 ft.....	8.00	75.00	-----

COTINUS (RHUS)

cogggyria. Common Smoketree. June. 15 feet. Zone 5.

Commonly called "Purple Fringe" because of its pinkish plumose fruit panicles. These panicles are borne in great profusion giving the whole plant a pink smoky appearance. Flat round leaves are stained pink when young and have yellow and purple tones in autumn.

870 9 to 12 in.....	3.50	30.00	-----
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COTONEASTER

acutifolia. Peking Cotoneaster. May. 10-12 feet. Zone 5.

Pink blooms in 2 to 5 flowered clusters. Black berries. Prefers a sunny spot in well drained soil. Deciduous.

240 12 to 18 in.....	3.50	30.00	250.00
450 18 to 24 in.....	4.50	40.00	350.00
1900 2 to 3 ft.....	5.50	50.00	450.00

divaricata. Spreading Cotoneaster. May. 6 feet. Zone 6.

Pink flowers followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful spreading habit.

40 12 to 18 in.....	6.00	55.00	----
300 18 to 24 in.....	8.00	75.00	----
40 2 to 3 ft.....	9.00	-----	----

horizontalis. Rock Cotoneaster. June. 3 feet. Zone 5.

Small pink flowers followed by bright red berries in early fall. Semi-evergreen foliage red and orange in late autumn. Flat horizontal branches make this an ideal rock garden plant.

250 9 to 12 in.....	5.50	-----	----
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DEUTZIA

gracilis. Slender Deutzia. May. 3 feet. Zone 5.

Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.

420 12 to 15 in.....	5.00	45.00	400.00
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lemoinei. Lemoine Deutzia. May. 7 feet. Zone 5.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

280 12 to 18 in.....	4.50	40.00	350.00
850 18 to 24 in.....	6.00	55.00	500.00

scabra. Pride of Rochester. May. 6-8 ft. Zone 6.

Double white flowers remain effectively in bloom over a long period. Earlier to bloom than other varieties.

1180 12 to 18 in.....	3.50	30.00	250.00
250 18 to 24 in.....	4.50	40.00	350.00
60 2 to 3 ft.....	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS

Per 10 Per 100 Per 1000

fortunei radicans erecta. Upright Wintercreeper (Sarcoxie Strain). 3-4 feet.

Natural upright plant. Will grow taller if sheared. Almost evergreen. Hardy.

100	9 to 12 in.	\$ 4.50	\$ 40.00	\$.....
80	12 to 15 in.	7.00	65.00	-----
60	15 to 18 in.	8.50	80.00	-----

klautchovicus. (Patens) Spreading Euonymus. 9 feet. Zone 7.

Somewhat similar to but hardier than the evergreen Euonymus japonica. Leaves are lighter green and not as thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.

70	9 to 12 in.	4.50	40.00	-----
60	12 to 15 in.	5.50	50.00	-----

FORSYTHIA

Arnold Dwarf. 2 feet. Zone 5.

A new dwarf type with excellent foliage. Desirable as a ground cover.

120	12 to 18 in.	5.00	45.00	-----
130	18 to 24 in.	7.00	65.00	600.00
800	2 to 2½ ft.	8.50	80.00	750.00

Beatrix Farrand. 6-8 feet. Zone 5.

A new Forsythia from the Arnold Arboretum. Very vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter with striking orange markings in the throat.

100	12 to 18 in.	4.00	35.00	-----
1690	18 to 24 in.	5.50	50.00	-----
980	2 to 3 ft.	6.50	60.00	-----

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

100	18 to 24 in.	5.50	50.00	-----
750	2 to 3 ft.	6.50	60.00	550.00

Lynwood Gold. April. 6-8 feet. Zone 5.

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

520	18 to 24 in.	5.50	50.00	450.00
1400	2 to 3 ft.	6.50	60.00	550.00
600	3 to 4 ft.	8.00	75.00	-----

ovata. Early Forsythia. April. 6-8 feet. Zone 5.

The earliest to bloom and also the hardiest Forsythia. Good yellow blooms.

300	18 to 24 in.	5.50	50.00	450.00
950	2 to 3 ft.	6.50	60.00	550.00
200	3 to 4 ft.	8.00	75.00	-----

Spring Glory. April. 7-8 feet. Zone 5.

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

300	18 to 24 in.	5.50	50.00	450.00
880	2 to 3 ft.	6.50	60.00	550.00

suspensa sieboldi. Siebold Weeping Forsythia. April. 9 feet. Zone 6.

Bright yellow flowers are produced on very slender pendulous branches. Can be used to over hang wall or trained for a trellis. Branches root readily where they touch the ground.

470	12 to 18 in.	6.00	55.00	500.00
100	18 to 24 in.	7.00	65.00	600.00
610	2 to 3 ft.	8.00	75.00	700.00

ORNAMENTAL SHRUBS—Continued

HIBISCUS

Per 10 Per 100 Per 1000

syriacus. Shrubalthea. (Rose of Sharon) August. 10-12 feet. Zone 6.

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.....	\$ 2.00	\$ 25.00	\$200.00
18 to 24 in.....	4.00	35.00	325.00
2 to 3 ft.....	5.00	45.00	400.00
3 to 4 ft.....	6.50	60.00	550.00

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

Anemone, double pink	170	200	100	---
Ardens, double purple	100	450	240	50
Boule de Feu, double purplish-red	200	150	---	50
Jeanne de Arc, double pure white	170	450	130	100
Lucy, semi-double, rose	90	250	140	250

HYDRANGEA

Per 10 Per 100 Per 1000

arborescens grandiflora. Snowhill Hydrangea. July. 3-5 feet. Zone 4.

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

250 12 to 18 in.....	\$ 4.00	\$ 35.00	\$ ----
760 18 to 24 in.....	5.50	50.00	450.00
700 2 to 3 ft.....	6.50	60.00	550.00

paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4.

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

270 12 to 18 in.....	4.00	35.00	----
200 18 to 24 in.....	5.50	50.00	----
160 2 to 3 ft.....	6.50	60.00	----

ILEX

verticillata. Black Alder. Winterberry. June. 9 feet. Zone 4.

A deciduous holly. Bright red berries while leaves are still green and frequently remain until Christmas. Does well in damp areas.

180 9 to 12 in.....	3.50	30.00	----
210 12 to 18 in.....	4.50	40.00	----

KERRIA

japonica. May. 4-6 feet. Zone 5.

Dense shrub. Bright green foliage. Showy yellow flowers in early spring. Winter branches are green.

140 9 to 12 in.....	4.00	35.00	----
210 12 to 18 in.....	5.00	45.00	----
40 18 to 24 in.....	7.00	65.00	----
60 2 to 3 ft.....	8.50	80.00	----

KOLKWTZIA

amabilis. Beautybush. June. 10 feet. Zone 5.

A tall, upright growing plant with arching branches providing ornamental interest the year around. Pink flowers similar to Weigela, are borne in profusion.

350 12 to 18 in.....	5.00	45.00	----
600 18 to 24 in.....	6.00	55.00	500.00
1100 2 to 3 ft.....	7.50	70.00	650.00

LAGERSTROEMIA

indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.

Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties.

12 to 18 in.....	3.50	30.00	250.00
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00

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

Pink	---	200	160
Purple	260	270	100
White	100	----	50

ORNAMENTAL SHRUBS—Continued

LONICERA

fragrantissima. White Honeysuckle. April. 6 feet. Zone 6.

Fragrant white flowers are produced on previous year's growth followed by white fruits. Foliage is stiff, leathery and half-evergreen.

	Per 10	Per 100	Per 1000
60 12 to 18 in.....	\$ 4.00	\$-----	\$-----
190 18 to 24 in.....	5.00	45.00	-----

morrowi. Morrow Honeysuckle. May. 6 feet. Zone 4.

Noted chiefly for its dense, moundlike habit of growth. Produces white flowers changing to yellow followed by dark red berries.

	Per 10	Per 100	Per 1000
160 12 to 18 in.....	4.00	35.00	-----
60 18 to 24 in.....	5.00	45.00	-----
300 2 to 3 ft.....	6.00	55.00	-----

tatarica alba. White Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers of pure white are followed by red berries. Upright, neat habit.

	Per 10	Per 100	Per 1000
280 12 to 18 in.....	3.50	30.00	-----
100 2 to 3 ft.....	5.50	50.00	-----

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.

	Per 10	Per 100	Per 1000
50 12 to 18 in.....	3.50	30.00	-----
280 18 to 24 in.....	4.50	40.00	350.00
870 2 to 3 ft.....	5.50	50.00	450.00
1300 3 to 4 ft.....	7.00	65.00	600.00
5150 4 to 5 ft.....	8.50	80.00	750.00

tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

A profuse display of deep pink flowers followed by red berries. Hardy, neat and vigorous. Excellent as specimen as well as in screen and border.

	Per 10	Per 100	Per 1000
100 18 to 24 in.....	4.50	40.00	-----
50 2 to 3 ft.....	5.50	50.00	-----
150 3 to 4 ft.....	7.50	70.00	-----
1300 4 to 5 ft.....	9.00	85.00	800.00

zabeli. Zabel Honeysuckle. May. 7 feet. Zone 5.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.

	Per 10	Per 100	Per 1000
560 12 to 18 in.....	4.00	35.00	-----

PHILADELPHUS

lemoinei. Lemoine Mock-orange. May-June. 4-5 feet. Zone 5.

Semi-dwarf with good foliage. Dense clusters of small, fragrant white flowers.

	Per 10	Per 100	Per 1000
170 18 to 24 in.....	5.50	50.00	-----
100 2 to 3 ft.....	7.00	65.00	-----

lemoinei Belle Etoile. June. 6 feet. Zone 6.

Single flowers 2½" in diameter. White with a slight, purple tinge deep in the throat when first open. Fragrant.

	Per 10	Per 100	Per 1000
40 18 to 24 in.....	5.50	50.00	-----
90 2 to 3 ft.....	7.00	65.00	-----

virginalis. Virginal. June. 6-8 feet. Zone 6.

Double flowering, fragrant Mockorange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

	Per 10	Per 100	Per 1000
1200 12 to 18 in.....	4.00	35.00	-----

virginalis Bouquet Blanc. 6 feet. Zone 6.

Single white flowers, 1 inch in diameter, evenly distributed over a mound-like plant.

	Per 10	Per 100	Per 1000
160 12 to 18 in.....	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS

Per 10 Per 100 Per 1000

opulifolius. Common Ninebark. May-June. 9 feet. Zone 3.

Very hardy and vigorous. Does well in most any soil. Small white flowers in clusters. Attractive reddish color fruits turn brown when mature and remain on plant all winter. Bark shreds on large plants during the winter.

160	2 to 3 ft.	\$ 5.50	\$ 50.00	\$ ----
80	3 to 4 ft.	7.00	----	----

opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 3.

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Smaller, less lobed dark green leaves. Flowers and capsules similar to species.

280	12 to 18 in.	3.50	30.00	----
330	18 to 24 in.	4.50	40.00	350.00
250	2 to 3 ft.	5.50	50.00	450.00
1300	3 to 4 ft.	7.00	65.00	----

POTENTILLA

fruticosa veitchi. Bush Cinquefoil. May. 4 feet. Zone 2.

Low rather dense shrub with conspicuous white flowers in early summer and sparingly until September.

100	9 to 12 in.	3.50	30.00	----
220	12 to 15 in.	4.50	40.00	----
70	15 to 18 in.	5.50	50.00	----

PRUNUS

cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

300	9 to 12 in.	5.00	45.00	400.00
480	12 to 18 in.	6.00	55.00	500.00
60	18 to 24 in.	8.00	----	----

glandulosa. Doubleflowering Pink Almond. May. 4½ feet. Zone 5.

A beautiful shrub for foundation or border. Before leaves appear it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

600	12 to 18 in.	4.50	40.00	350.00
1800	18 to 24 in.	6.00	55.00	500.00
3800	2 to 3 ft.	7.00	65.00	600.00

tomentosa. Manchu Cherry. April. 9 feet. Zone 2.

Excellent shrub producing white flowers tinged with pink just before the leaves. Edible fruit are scarlet cherries, ½ inch in diameter.

130	12 to 18 in.	4.00	35.00	----
220	18 to 24 in.	5.00	45.00	----
70	2 to 3 ft.	6.00	55.00	----

tomentosa Orient. April. 9 feet. Zone 2.

Large shrub, vigorous and productive. Origin is Minnesota Fruit Breeding Farm. Fruit one-half inch in diameter, bright red. Flesh is meaty, juicy, and of pleasant flavor. Ripens early in July. Excellent jelly fruit. Budded on plum.

60	2 to 3 ft.	9.00	80.00	----
60	3 to 4 ft.	11.00	100.00	----
380	4 to 5 ft.	14.00	125.00	----
140	5 to 5 ft.	16.50	150.00	----

triloba. Flowering Plum. April. 15 feet. Zone 6.

Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.

550	12 to 18 in.	5.00	45.00	400.00
160	18 to 24 in.	7.00	65.00	----
30	2 to 3 ft.	8.50	----	----
50	3 to 4 ft.	11.00	----	----

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

RHUS**canadensis** (aromatic). Fragrant Sumac. May. 5-6 feet. Zone 4.

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall foliage. Very hardy and a rapid grower.

100	12 to 18 in.	-----	\$ 4.50	\$ 40.00	\$ ----
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glabra. Smooth Sumac. July. 15 feet. Zone 3.

Small greenish flowers are followed by bunches of crimson berries which hang on into winter. Bright red autumn foliage.

240	9 to 12 in.	-----	2.00	18.00	-----
700	12 to 18 in.	-----	3.00	25.00	200.00
300	18 to 24 in.	-----	4.00	35.00	320.00

typhina. Staghorn Sumac. June. 20-30 feet. Zone 4.

Very fuzzy twigs comparable to young deer antlers. Fine for massing and on poor dry soil. Red autumn foliage. Pyramidal fruit clusters hang all winter.

1720	9 to 12 in.	-----	2.00	18.00	150.00
2910	12 to 18 in.	-----	3.00	25.00	-----
3800	18 to 24 in.	-----	4.00	35.00	320.00
3700	2 to 3 ft.	-----	5.00	45.00	400.00
1500	3 to 4 ft.	-----	6.50	60.00	550.00
50	4 to 5 ft.	-----	8.00	75.00	-----

RIBES**alpinum**. Alpine Currant. May. 6-7 feet. Zone 3.

An attractively foliaged hardy shrub that makes a dense compact, upright specimen and more particularly adapts itself to hedging purposes.

650	15 to 18 in.	-----	6.50	60.00	-----
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SALIX**purpurea nana**. Dwarf Arctic Blue Willow. March. 9 feet. Zone 5

One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.

450	9 to 12 in.	-----	2.50	20.00	180.00
1500	12 to 15 in.	-----	3.50	30.00	250.00
1320	15 to 18 in.	-----	4.00	35.00	320.00

repens "Golden Dwarf". March-April. 3-5 feet.

Silvery gray-green foliage on yellow stems. Horizontal plant.

360	9 to 12 in.	-----	3.00	25.00	-----
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SPIREA**arguta**. Garland Spirea. May. 5-6 feet. Zone 5.

The most free-flowering and showy of early Spireas. Flat clusters of pure white flowers on arching branches. Useful as specimen and in borders.

320	12 to 18 in.	-----	4.00	35.00	-----
370	18 to 24 in.	-----	5.00	45.00	-----

bumalda Anthony Waterer. June. 2 feet. Zone 5.

Flat clusters of bright crimson flowers to 6 inches in diameter are produced over a period of several weeks.

890	12 to 15 in.	-----	4.00	35.00	300.00
430	15 to 18 in.	-----	5.00	45.00	400.00

bumalda froebeli. Froebel Spirea. June. 2-3 feet. Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

1190	12 to 18 in.	-----	4.00	35.00	-----
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ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

	Per 10	Per 100	Per 1000
100 12 to 18 in.....	\$ 4.00	\$ 35.00	\$ ----
330 18 to 24 in.....	5.00	45.00	----

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

3600 18 to 24 in.....	4.50	40.00	350.00
6200 2 to 3 ft.....	5.50	50.00	450.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 4.

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

2000 12 to 18 in.....	3.00	25.00	200.00
1000 18 to 24 in.....	4.00	35.00	320.00

orbiculatus. Indiancurrant. (Coralberry.) July. 5-6 feet. Zone 2.

Hardy shrub producing small yellowish-white flowers. Clusters of coral red berries in fall and winter. Crimson fall foliage hangs late.

1180 12 to 18 in.....	3.00	25.00	200.00
690 18 to 24 in.....	4.00	35.00	320.00
60 2 to 3 ft.....	5.00	45.00	400.00

SYRINGA

chinensis. Chinese Lilac. May. 15 feet. Zone 5.

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardness.

100 18 to 24 in.....	5.50	50.00	----
1000 2 to 3 ft.....	6.50	60.00	550.00

villosa. Late Lilac. June. 9 feet. Zone 2.

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.

640 9 to 12 in.....	3.00	25.00	----
820 12 to 18 in.....	4.50	40.00	350.00
720 18 to 24 in.....	5.50	50.00	450.00
60 2 to 3 ft.....	6.50	60.00	----

vulgaris purpurea. Common Lilac. May. 20 feet. Zone 3.

A hardy, attractive shrub with large clusters of purplish flowers.

200 12 to 18 in.....	4.00	35.00	----
2100 18 to 24 in.....	5.50	50.00	450.00
1600 2 to 3 ft.....	6.50	60.00	550.00
300 3 to 4 ft.....	8.00	75.00	----

vulgaris, Hybrids and Horticultural Varieties. May. 15 feet. Zone 4.

OWN ROOT. These Lilacs have been grown from layers and root cuttings or grafted on California Privet and thus are largely on their own root. These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimens, ornamental clumps, screens, and for hedges.

9 to 12 in.....	4.00	35.00	----
12 to 18 in.....	5.00	45.00	----
18 to 24 in.....	7.00	65.00	----
2 to 3 ft.....	9.00	85.00	----
3 to 4 ft.....	11.00	----	----

See page 24 for varieties

ORNAMENTAL SHRUBS—Continued

SYRINGA—Continued

	3/4'	2/3'	18/24"	12/18"	9/12"
BLUE					
Decaisne, single			80	340	170
President Grevy, double		40			190
President Lincoln, single				110	100

LILAC

Alphonse Lavallee, double				80	20
Hugo Koster, single	30	90	560	680	270
Jacques Callott, single		70	180	140	80
Leon Gambetta, double		60	50		
Michel Buchner, double	130	90			30
President Carnot, double			120	110	
Vivian Morel, double		340	150	220	80

MAGENTA

Charles X, single					180
Congo, single					70
Paul Thirion, double			30	240	140
Ruhm von Horstenstein, single		700	250	80	50

PINK

Edouard Andre, double	70		40	40	
Esther Staley, double		90	80		
Macrostachya, single	160	640			
Mme. Antoine Buchner, double		60	290	30	
Waldeck-Rousseau, double			80		60

PURPLE

Adelaide Dunbar, double				170	180
Hugo de Vries, single		140	20	230	360
Ludwig Spaeth, single		100			160
Monge, single			30	30	20
Pocahontas, single			50	190	40

VIOLET

Cavour, single			80	180	70
De Miribel, single		20	30	80	140
Marechal Lannes, double					70

WHITE

Mme. Abel Chatenay, double		50	30		
Mont Blanc, single			40	70	

TAMARIX

Per 10 Per 100 Per 1000

africana. African Tamarix. May. 10-12 feet. Zone 7.

Slender spreading branches, reddish brown bark, pink flowers.

300 12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
160 18 to 24 in.	5.00	45.00	400.00
40 2 to 3 ft.	7.00	65.00	

hispidia. Kashgar Tamarisk. June. 15 feet. Zone 6.

Fine, feathery blue-green foliage sets off bright pink flowers. Produces bloom on new wood so that severe pruning may be practiced.

790 12 to 18 in.	4.00	35.00	300.00
290 18 to 24 in.	5.00	45.00	400.00

hispidia Summer Glow. July. 8 feet. Zone 6.

The finest variety we have ever seen. Lacy silvery-blue foliage. Tyran rose flowers in spikes all summer. Good in dry soil, sun or part shade.

820 9 to 12 in.	3.50	30.00	250.00
40 12 to 18 in.	4.50	40.00	
60 3 to 4 ft.	8.50	80.00	

ORNAMENTAL SHRUBS—Continued

VIBURNUM

Per 10 Per 100 Per 1000

dentatum. Arrowwood Viburnum. June. 15 feet. Zone 3.

Attractive foliage. Flat clusters of white flowers are followed by blue-black fruit. Glossy red fall foliage. Strong, rapid grower.

150	9 to 12 in.	\$ 3.50	\$ 30.00	\$-----
170	12 to 18 in.	4.50	40.00	350.00
800	18 to 24 in.	6.00	55.00	500.00
500	2 to 3 ft.	7.00	65.00	-----

lentago. Nannyberry Viburnum. May. 30 feet. Zone 3.

Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.

150	12 to 18 in.	4.50	40.00	-----
360	18 to 24 in.	6.00	55.00	-----

Molle. Kentucky Viburnum. June. 12 feet. Zone 3.

White flowers in long stemmed clusters to 3 inches across. Blue-black fruit.

100	18 to 24 in.	6.00	-----	-----
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opulus. European Cranberry. May. 12 feet. Zone 3.

Smooth, light gray branches. White flowers in flat clusters followed by red berries. Fruit is effective both in fall and winter. Red autumn foliage.

450	9 to 12 in.	3.50	30.00	-----
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opulus sterilis. Common Snowball. May. 10-12 feet. Zone 4.

A well-known shrub of upright, spreading branch habit. Produces white flowers in round clusters in early spring.

1000	9 to 12 in.	3.50	30.00	250.00
2450	12 to 18 in.	4.50	40.00	350.00
600	18 to 24 in.	6.00	55.00	500.00

WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.

50	18 to 24 in.	5.50	50.00	-----
800	2 to 3 ft.	6.50	60.00	-----
600	3 to 4 ft.	8.00	75.00	-----

florida. Oldfashioned Pink Weigela. May. 6-8 feet. Zone 5.

Very popular. Displays beautiful, showy pink flowers.

420	18 to 24 in.	4.50	40.00	350.00
2250	2 to 3 ft.	5.50	50.00	450.00
2490	3 to 4 ft.	7.00	65.00	600.00

nana variegata. Dwarf Variegated. May. 5 feet. Zone 5.

Leaves variegated with white. Flowers pale pink, almost white. Compact plant.

120	18 to 24 in.	6.00	55.00	-----
900	2 to 3 ft.	7.00	65.00	-----

Newport Red. (Vaniceki) May. 6 feet. Zone 4.

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

60	18 to 24 in.	5.50	50.00	-----
1700	2 to 3 ft.	6.50	60.00	550.00
540	3 to 4 ft.	8.00	75.00	700.00

wagneri Eva Rathke. May. 5 feet. Zone 5.

Brilliant crimson flowers borne in profusion on a spreading shrub.

170	12 to 18 in.	4.00	35.00	300.00
500	18 to 24 in.	5.00	45.00	400.00
850	3 year, No. 1	7.00	65.00	-----

Vines

(Tied, 2 year No. 1, 10. 2 year Medium, 25 per bundle)

CELASTRUS

Per 10 Per 100 Per 1000

orbiculata. Oriental Bittersweet. June. 36 feet. Zone 5.

An excellent twining vine. Leaves are more rounded than *C. scandens* and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.

900 2 year, Medium	-----	\$ 3.50	\$ 30.00	\$-----
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CLEMATIS

paniculata. Sweet Autumn Clematis. August. 30 feet. Zone 5.

Very fragrant white flowers. Lustrous, semi-evergreen foliage. The silvery seed heads make a display after flowers disappear. Vigorous and extremely ornamental.

850 3 year, No. 1	-----	7.00	65.00	-----
1090 2 year, No. 1	-----	5.50	50.00	450.00
40 2 year, Medium	-----	4.50	40.00	350.00

EUONYMUS

fortunei minimus. Baby Euonymus. Zone 6.

Slow growing dwarf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

180 2 year, No. 1	-----	6.50	60.00	-----
30 2 year, Medium	-----	5.50	50.00	-----

fortunei radicans. Common Wintercreeper. 25 feet. Zone 6.

Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.

530 3 year, No. 1	-----	8.00	75.00	-----
840 2 year, No. 1	-----	6.50	60.00	550.00
680 2 year, Medium	-----	5.50	50.00	450.00

LONICERA

heckrottii. Everblooming Honeysuckle. June. 30 feet. Zone 5.

A vine-like shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.

1000 2 year, Medium	-----	4.00	35.00	300.00
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heckrottii Gold Flame. June. 30 feet. Zone 5.

Blooms all summer. The showy flowers, borne in clusters are red outside and a deep yellow inside. Very fragrant.

500 2 year, Medium	-----	4.00	-----	-----
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japonica halliana. Hall's Japanese Honeysuckle. June. 25 feet. Zone 4.

White trumpet shaped flowers turn yellow with age. Semi-evergreen foliage turns bronze in autumn. Grows well in sun or shade and is frequently used as a ground cover. Rapid grower.

1400 3 year, No. 1	-----	4.00	35.00	-----
2600 2 year, No. 1	-----	3.50	30.00	250.00
1500 2 year, Medium	-----	3.00	25.00	200.00

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 4.

Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommend this vine. Blooms from June until frost.

840 3 year, No. 1	-----	5.00	45.00	-----
740 2 year, No. 1	-----	4.50	40.00	350.00
480 2 year, Medium	-----	3.50	30.00	250.00

PARTHENOCISSUS

quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.

A hardy, clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.

300 3 year, No. 1	-----	5.00	45.00	-----
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WISTERIA

frutescens. June-July. 20-25 feet. Zone 5.

1000 2 year, Medium Seedlings	-----	4.00	35.00	300.00
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Hedging

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2-3.

Per 100 Per 1000

21000 9 to 12 in.....	\$ 3.00	\$ 25.00
1000 12 to 18 in.....	4.00	35.00

CHAENOMELES

japonica rubra. Japanese Redflowering Quince.

1400 9 to 12 in.....	11.00	100.00
1400 12 to 18 in.....	16.50	150.00
300 18 to 24 in.....	20.00	175.00

LIGUSTRUM

amurense. Amur River North Privet. June. 15 feet. Zone 4.

Produces white flowers in small spikes followed by dull, small black berries.
11000 9 to 12 in., branched..... 8.50 75.00

ibolium. Ibolium Privet. June. 12 feet. Zone 5.

3900 9 to 12 in.....	10.00	90.00
5000 12 to 18 in.....	14.00	120.00
650 18 to 24 in.....	16.50	140.00

ovalifolium. California Privet. June. 15 feet. Zone 6.

Creamy white flowers in small clusters are followed by black berries.
2000 9 to 12 in., branched..... 8.50 75.00

vicaryi. Vicary Golden Privet. July. 12 feet. Zone 6.

Per 10 Per 100 Per 1000

Golden yellow foliage during entire season. White flowers in small clusters. Blue-black berries.
3200 9 to 12 in..... \$ 3.50 \$ 30.00 \$275.00
3100 12 to 15 in..... 4.50 40.00 350.00

Per 100 Per 1000

vulgare. European Privet. June. 15 feet. Zone 5.

Widely grown privet. Prominent pyramidal clusters of flowers followed by shiny black berries when not closely clipped.
770 9 to 12 in..... \$ 8.50 \$ 75.00
3700 12 to 18 in..... 14.00 125.00
2100 18 to 24 in..... 16.50 150.00

vulgare. Cheyenne Privet. Plant Introduction No. 107630. Zone 4.

A selection of *vulgare* that gives evidence of being somewhat more hardy than the species. Reports on file show no damage from cold or dry weather in Sioux Falls, South Dakota; Boise, Idaho; and Sheridan, Wyoming.
1300 12 to 18 in..... 14.00 125.00
11000 18 to 24 in..... 16.50 150.00
8600 2 to 3 ft..... 19.00 175.00

LONICERA

tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Deep pink flowers. Good foliage and form.
300 18 to 24 in..... 16.50 150.00
1600 2 to 3 ft..... 22.00 200.00

ROSA

rugosa. Rugosa Rose. June. 6 feet. Zone 3.

Flowers fuchsia-pink to white, single, 2-3 inches diameter. Large brick red fruit. Orange autumn foliage. Withstands clipping for formal hedges. Does well on seacoasts where salt spray reaches it.
1100 3/8 in. and up..... 28.00 250.00
5200 1/4 in. and up..... 22.50 200.00
1600 No. 1, 3/16 to 1/4 in..... 18.00 150.00

ULMUS

pumila. Siberian Elm.

An excellent hedging material. See "Lining Out Stock."

NOTE: *Lonicera heckrottii* makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are 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. 25 of each variety is minimum order for potted liners.

ACER

		Per 100	Per 1000
saccharinum. Silver Maple. 1 and 2 year seedlings.			
4200	6 to 12 in.	\$ 3.00	\$ ----
300	12 to 18 in.	5.00	----

CELASTRUS

orbiculata.			
1500	6 to 12 in.	7.50	----
5500	12 to 18 in.	10.00	----
1800	18 to 24 in.	15.00	----

GLEDITSIA

triacanthos inermis. Thornless Honeylocust.			
2000	6 to 12 in.	3.00	25.00
1500	12 to 18 in.	5.00	45.00
2000	18 to 24 in.	7.50	60.00
3000	2 to 3 ft.	9.00	80.00
9000	3 to 4 ft.	16.50	150.00
3000	4 to 5 ft.	21.00	190.00

JUGLANS

nigra. Black walnut. 2 year seedlings.			
2000	3 to 4 ft.	19.00	175.00
3280	4 to 5 ft.	24.00	210.00
200	5 to 6 ft.	30.00	----

POPULUS

Lombardy Poplar. 1 year hardwood cuttings.			
1600	2 to 3 ft.	9.00	80.00
3800	3 to 4 ft.	16.50	150.00

SALIX

alba tristis. Niobe Willow.			
1000	2 to 3 ft.	9.00	80.00
2000	3 to 4 ft.	16.50	150.00
blanda. Wisconsin Weeping Willow.			
1000	2 to 3 ft.	9.00	80.00
400	3 to 4 ft.	16.50	150.00

ULMUS

americana. American Elm.			
2000	6 to 12 in.	3.00	35.00
3000	12 to 18 in.	5.00	45.00
5000	3 to 4 ft.	11.00	100.00
3000	4 to 5 ft.	14.00	125.00
pumila. Chinese Elm. 1 and 2 year seedlings.			
4500	6 to 12 in.	3.00	25.00
11000	12 to 18 in.	5.00	45.00
8000	4 to 5 ft.	22.50	200.00
4900	5 to 6 ft.	30.00	275.00
2500	6 to 8 ft.	40.00	350.00

Specimen Evergreens

PRICES include digging, **BALLED** and **BURLAPPED** by experienced personnel; however, **ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED OUR RESPONSIBILITY CEASES.** We **DO NOT** guarantee survival.

Evergreens that are selected and marked by customers in the nursery will carry 20 per cent additional charge added to the following listed prices.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

JUNIPERUS

	Per 10	Per 100
chinensis glauca hetzi. Hetz Blue Juniper. 6-8 feet. Zone 4.		
Rapid growing blue-green spreader. Resembles Pfitzer but lighter in color. Stands shearing well.		
70 12 to 15 in.....	\$20.00	175.00
200 15 to 18 in.....	27.50	250.00
chinensis Keteleeri. Keteleer Juniper. Zone 2.		
Compact pyramidal form with ascending branches and dark green scale-like foliage.		
40 2 to 2½ ft.....	42.50	-----
200 2½ to 3 ft.....	47.50	-----
250 3 to 3½ ft.....	55.00	-----
20 3½ to 4 ft.....	62.50	-----
chinensis pfitzeriana. Pfitzer Juniper. Zone 4.		
Valuable natural spreading habit of growth.		
250 12 to 15 in.....	22.50	200.00
980 15 to 18 in.....	27.50	250.00
1750 18 to 24 in.....	32.50	300.00
980 2 to 2½ ft.....	37.50	350.00
700 2½ to 3 ft.....	42.50	400.00
chinensis pfitzeriana Silver Blue. Blueleaf. Zone 4.		
Similar to regular Pfitzer but with shining silvery-blue color.		
20 15 to 18 in.....	32.50	-----
100 18 to 24 in.....	37.50	350.00
150 2 to 2½ ft.....	45.00	425.00
chinensis sargentii Ames. Ames Juniper. Zone 4.		
Broad upright plant, tapering to a pointed top.		
160 18 to 24 in.....	37.50	350.00
50 2 to 2½ ft.....	45.00	-----
chinensis Sargentii I-O-Ace. Zone 4.		
Good green tapering upright with broad base.		
60 18 to 24 in.....	37.50	350.00
210 2 to 2½ ft.....	45.00	425.00
50 2½ to 3 ft.....	50.00	475.00
chinensis sargentii Maneyi. Maneyi Juniper. Zone 4.		
Prostrate variety that does well in shaded areas. Hardy.		
280 12 to 15 in.....	27.50	250.00
370 15 to 18 in.....	32.50	300.00
280 18 to 24 in.....	37.50	350.00
260 2 to 2½ ft.....	45.00	425.00
communis hibernica. Irish Juniper. Zone 2.		
A dense, upright form of communis. Very symmetrical with glaucous green foliage.		
560 18 to 24 in.....	15.00	125.00
600 2 to 3 ft.....	22.50	200.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

Per 10 Per 100

horizontalis plumosa. Andorra Juniper. Zone 3.Foliage more feathery and a lighter green than *horizontalis*. Turns pinkish to purple color in autumn and remains until new growth starts.

180	12 to 15 in.	\$20.00	\$175.00
60	15 to 18 in.	27.50	250.00

sabina Savin Juniper. 3-4 feet. Zone 3.

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

150	12 to 15 in.	20.00	175.00
100	15 to 18 in.	27.50	250.00
20	18 to 24 in.	32.50	-----

scopulorum Blue Heaven.

An attractive, easily maintained silvery blue pyramid.

470	2 to 2½ ft.	42.50	400.00
140	2½ to 3 ft.	47.50	450.00

scopulorum Cologreen.

Light green foliage. Conical habit of growth.

100	2 to 2½ ft.	42.50	400.00
320	2½ to 3 ft.	47.50	450.00
70	3 to 3½ ft.	55.00	525.00
20	3½ to 4 ft.	62.50	-----

scopulorum columnaris. 18-20 feet.

Gray-green foliage on a tree of narrow, upright growth.

100	2½ to 3 ft.	47.50	450.00
70	3 to 3½ ft.	55.00	-----

scopulorum Moffeti.

Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.

30	2 to 2½ ft.	42.50	-----
60	2½ to 3 ft.	47.50	-----
30	3 to 3½ ft.	55.00	-----

scopulorum Montana No. 1.

Good green juniper.

100	2 to 2½ ft.	42.50	400.00
40	2½ to 3 ft.	47.50	-----

scopulorum Pathfinder.

90	2 to 2½ ft.	42.50	400.00
110	2½ to 3 ft.	47.50	450.00

scopulorum Sutherland.

Broad pyramid of bluish-green color.

350	2 to 2½ ft.	42.50	400.00
360	2½ to 3 ft.	47.50	450.00
50	3 to 3½ ft.	55.00	-----

scopulorum Welch.

Of columnar habit and greenish silver color.

80	2 to 2½ ft.	42.50	400.00
60	2½ to 3 ft.	47.50	450.00
70	3 to 3½ ft.	55.00	-----

virginiana Burkl. Zone 2.

Columnar growth habit and steel blue thick foliage. Responds to pruning.

30	2 to 2½ ft.	42.50	-----
50	2½ to 3 ft.	47.50	-----

virginiana Canaert. Zone 2.

Of columnar habit and greenish silver color.

270	2 to 2½ ft.	45.00	425.00
20	2½ to 3 ft.	50.00	-----

virginiana glauca. Zone 2.

Very blue-gray leaves.

170	2 to 2½ ft.	45.00	425.00
80	2½ to 3 ft.	50.00	475.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

<i>virginiana</i> Hill Dundee. Zone 2.	Per 10	Per 100
Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.		
170 2 to 2½ ft.	\$42.50	\$400.00
130 2½ to 3 ft.	47.50	450.00
260 3 to 3½ ft.	55.00	-----
<i>virginiana pyramidalis</i> . Pyramidal Red Cedar. 10-12 feet.		
Deep green foliage, narrow columnar habit with ascending branches.		
90 2 to 2½ ft.	42.50	400.00
<i>virginiana</i> Walton's Frosti.		
Distinctive silver blue.		
40 12 to 15 in.	27.50	-----
25 15 to 18 in.	32.50	-----

PICEA

<i>abies</i> . Norway Spruce. 80-100 feet. Zone 2.		
Dark green foliage. Rapid grower.		
140 18 to 24 in.	22.50	200.00
110 2 to 2½ ft.	30.00	275.00
<i>pungens</i> . Colorado Green Spruce. 60-80 feet. Zone 3.		
Stiff, dense green foliage on a pyramidal tree.		
170 18 to 24 in.	25.00	225.00
290 2 to 2½ ft.	32.50	300.00
110 2½ to 3 ft.	37.50	350.00
60 3 to 3½ ft.	45.00	-----
20 3½ to 4 ft.	52.50	-----
<i>pungens glauca</i> . Colorado Blue Spruce. 60 feet.		
110 18 to 24 in.	40.00	375.00
60 2 to 2½ ft.	47.50	450.00
60 2½ to 3 ft.	55.00	525.00

PINUS

<i>mugo mughus</i> . Mugo Pine. 5 feet. Zone 3.		
Dense globe-shaped plants fine for foundation plantings.		
270 9 to 12 in.	32.50	300.00
320 12 to 15 in.	37.50	350.00
210 15 to 18 in.	42.50	400.00
<i>sylvestris</i> . Scotch Pine. 75 feet. Zone 3.		
Open and pyramidal tree while young but round-topped and irregular when old. Twisted bluish-green needles. Red bark on older trunks and branches.		
300 2 to 3 ft.	60.00	575.00

PSEUDOTSUGA

<i>menziesi</i> (<i>taxifolia douglasi</i> .) Douglas Fir. 70-80 feet.		
Hardy gray-green pyramid. Rapid grower.		
50 18 to 24 in.	37.50	-----
100 2 to 2½ ft.	45.00	-----
60 2½ to 3 ft.	55.00	-----

THUJA

<i>occidentalis globosa</i> . Globe Arborvitae. 3 feet. Zone 3.		
Poplar globe type for sun or shade.		
250 12 to 15 in.	15.00	125.00
110 15 to 18 in.	20.00	175.00
340 18 to 24 in.	25.00	225.00
50 2 to 2½ ft.	30.00	275.00
<i>occidentalis</i> Little Champion. 20-36 inches. Zone 3.		
A superb new evergreen originating in Canada. Grows thick and bushy without shearing. Rich, bright green foliage is lacy and soft. Very hardy.		
430 12 to 15 in.	15.00	125.00
220 15 to 18 in.	20.00	175.00
640 18 to 24 in.	25.00	225.00
80 2 to 2½ ft.	30.00	275.00
<i>occidentalis</i> Pyramidal. Pyramidal American Arborvitae. Zone 3.		
Foliage of rich green. Narrow, pyramidal habit.		
320 18 to 24 in.	25.00	225.00
210 2½ to 3 ft.	32.50	300.00

ROSES

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

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

WE DO NOT BREAK BUNDLES

Following the procedure of the American Rose Society, national ratings are given following the name: (9.1). The numeral following rating indicates relative height; 1 means low, 2 medium, 3 tall. Relative fragrance is indicated by the letter: S slightly fragrant, F moderate, V very fragrant.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100
No. 1	\$ 6.50	\$ 60.00
No. 1½	5.25	47.50
No. 2	4.00	35.00

RED SHADES

Charlotte Armstrong, (9.0) 3 F. Long pointed bud. Double spectrum-red to cerise blooms on long stems. Vigorous compact bush.

Christopher Stone, (8.1) 2 F. Vivid-scarlet, free blooming plant.

Crimson Glory, (9.1) 3 V. Large, double, deep velvety crimson with shadings.

Red Radiance, (7.9) 3 V. Bright rosy red, free blooming.

PINK SHADES

Pink Radiance, (7.9) 3 V. Large rose-pink. Long stems. Dependable.

TWO-TONED SHADES

Comtesse Vandal, (7.5) 2 F. Long, pointed, orange-copper buds. Large double blooms of salmon and coppery pink on strong stems.

Condesa de Sagato, (7.4) 3 F. Petals are coppery pink inside, golden reverse.

Peace, (9.6) 3 S. Golden yellow edged with apple-blossom pink. 40 to 45 petals. 5 to 6 inch flowers. Hardy.

Pres. Herbert Hoover, (7.7) 3 F. Varying orange shades with lighter outside petals. Double.

Talisman, (6.5) 3 F. Golden yellow and copper blooms on long stems.

WHITE SHADES

K. A. Viktoria, (6.7) 3 S. Very double, snowy white, lemon tinted center.

McGredy's Ivory, (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.

Rex Anderson, (6.9) 2 F. An outstanding exhibition rose of delicate lovely ivory-white. Flowers perfectly formed and slow opening.

SHRUB ROSES

	Per 10	Per 100	Per 1000
Rugosa Rubra, (). Early bloomer. Single. Various shades of rosy crimson, magenta and pink.			
12 to 18 in.....	\$ 5.00	\$ 45.00	\$ ----
18 to 24 in.....	6.00	55.00	----
2 to 3 ft.....	7.00	65.00	----

CLIMBERS AND RAMBLERS

Blaze, (). Everblooming. An improved strain that blooms through-out the summer. Produces brilliant scarlet red flowers of large size.

No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	4.50	40.00	----

Climbing American Beauty, (7.6) V. Large, rose-red flowers on long stems in early June.

No. 1	6.00	55.00	----
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Paul's Scarlet, (9.1) S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.

No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.50	30.00	----

PATENTED ROSES

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

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Aztec , (7.7) 2 F. Patent No. 1648. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double, high-centered blooms.				
No. 1	\$1.50	\$ 1.37½	\$ 1.30	\$ ----
No. 1½	1.20	1.10	1.04	.96
Bronze Masterpiece , (6.4) 2 F. Patent No. 2000. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Large long buds of coppery old gold color. Blooms open slowly to a bronze-apricot, changing to a deep yellow. Firm petals on a flower 5½ to 6 inches in diameter. Does not bleach or burn in sun. Free blooming and disease resistant.				
No. 1	1.65	1.50	----	----
No. 1½	1.32	1.20	----	----
Chicago Peace , (7.8) 2 S. Patent No. 2037. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Sport of Peace. Blooms almost 6 inches across of rich pink touched by yellow. Vigorous upright plants bloom freely and continuously. Flowers of 50 to 60 petals come singly. Large, leathery, glossy foliage.				
No. 1	1.65	1.50	----	----
No. 1½	1.32	1.20	----	----
Christian Dior , (7.7) Patent No. 1943. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Magnificent crimson-red overlaid with iridescent scarlet combined with exquisite form make this the most outstanding red rose today. Color does not blue or fade. Blooms with 50 to 60 petals are wonderful for cutting. High centered and very double with light fragrance. Abundant bloomer. Tall, upright plant with dark glossy foliage. A.A.R.S. for 1962.				
No. 1	1.65	1.50	----	----
No. 1½	1.32	1.20	----	----
Chrysler Imperial , (8.8) 2 F. Patent No. 1167. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Vivid rich tones of crimson with darker overtones of oxblood red. Long tapering buds open even in adverse weather. Large high centered flowers 4½ to 5 inches across with 40 to 50 petals are carried on sturdy medium long stems. Compact and symmetrical bush with an abundance of dark green foliage. A.A.R.S. Award for 1953.				
No. 1½	1.20	1.10	1.04	----

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Forty-Niner , (6.8) 2 S. Patent No. 792. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Brilliantly hued bi-color. Inside of petal is vivid orient red, while outside is chrome yellow, changing to straw yellow. Colors lasting and bright. Long bud. Well shaped bloom of 25 to 40 petals. Vigorous, upright plant with dark glossy foliage. A.A.R.S. Award 1949.				
No. 1	\$1.50	\$ 1.37½	\$ 1.30	\$----
No. 1½	1.20	1.10	1.04	----
Garden Party , (7.7) 2 S. Patent No. 1814. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.				
No. 1	1.65	1.50	1.40	----
Granada , () 2 F. Patent No. 2214. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) A.A.R.S. Award for 1964. Long urn-shaped buds and classic blooms in varying shades of scarlet, nasturtium red and lemon yellow. Spicy fragrant flowers throughout the season on strong single stems. Vigorous upright plant with dark green holly-like foliage.				
No. 1	1.85	1.75	----	----
No. 1½	1.48	1.40	1.24	----
Hawaii , (7.7) 3 V. Patent No. 1833. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Slowly opening long pointed bud of orange-coral blend. Large informal bloom to 6 inches across, hold its color to the end. Pronounced fragrance of crushed raspberry. Tall growing plant with glossy green foliage.				
No. 1½	1.32	1.20	1.12	----
Helen Traubel , (8.7) 3 F. Patent No. 1028. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened bloom display the lovely color in a most lavish way.				
No. 1½	1.32	1.20	----	----

ROSES—Continued

10-20	20-100	100-250	250-up
Each	Each	Each	Each

PATENTED HYBRID TEA—Continued

King's Ransom, (7.6) 3 F. Patent No. 2103. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Long slender buds of chrome yellow opening gradually into extra large blooms 5 to 6 inches across. The full high centered flowers are held on long, strong stems over the entire bush. These roses hold their color well under warm conditions. The plant is tall and full with dense, dark green foliage from the ground up. A.A.R.S. Award for 1962.

No. 1½	\$1.48	\$ 1.40	\$	\$
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Kordes Perfecta, (7.5) 2 V. Patent No. 1604. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Urn shaped buds open into flowers of 4 to 5 inches and 65 to 70 petals. Blooms are high-centered, very fragrant, cream tipped and then flushed crimson, suffused yellow. Long, strong stems. Dark, glossy foliage.

No. 1	1.50	1.37½	1.30	----
No. 1½	1.20	1.10	----	----

Lady Elgin, (7.7) 3 F. Patent No. 1469. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Huge, handsome buds and blooms on long, strong stems. Petals of good texture range from 35 to 48 in number. Bloom of excellent form holds its unfading combination of orange and apricot throughout the season. Strong upright plant with good foliage.

No. 1½	1.12	1.00	.96	.88
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Mr. Lincoln, Patent No. 2370. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) A.A.R.S. Award Winner for 1965. Very large, double blooms of deep, velvety red. Strong tea and damask fragrance. Dark green glossy foliage on a vigorous hardy plant.

No. 1	1.85	1.75	----	----
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Mojave, (7.4) 2 F. Patent No. 1176. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Slender bud opening into a blend of salmon, apricot and orange. A Charlotte Armstrong Cross that has many of its parents fine characteristics.

No. 1½	1.20	1.10	1.04	.96
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New Yorker, (8.0) 2 F. Patent No. 823. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.

No. 1	1.40	----	----	----
No. 1½	1.12	1.00	.96	.88

ROSES—Continued
PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Nocturne, (8.1) 3 V. Patent No. 713. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasant fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
No. 1	\$1.40	\$ 1.25	\$ ----	\$ ----
No. 1½	1.12	1.00	----	----
Royal Highness, (8.0) 2 V. Patent No. 2032. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Perfectly formed buds and blooms of frosty, light pink on individual long, strong stems. Dark, glossy foliage on a well proportioned plant. Fine exhibition rose. A.A.R.S. Award Winner for 1963.				
No. 1	1.65	1.50	1.40	----
Rubaiyat, (8.2) 3 V. Patent No. 758. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.				
No. 1	1.10	1.00	----	----
Sutters Gold, (8.1) 3 V. Patent No. 885. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Beautiful long-pointed yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored. A.A.R.S. award for 1950.				
No. 1½	1.20	1.10	----	----
Tiffany, (8.8) 3 V. Patent No. 1304. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.				
No. 1	1.50	1.37½	----	----
Tropicana, (9.0) Patent No. 1969. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Orange red color is held in sun as well as in a cut flower. Blooms 4½ to 5 inches in diameter will last five to six days when cut. Constant bloomer. Rich green foliage is very disease resistant. Adapted to all parts of the country. A.A.R.S. Award Winner for 1963.				
No. 1	1.85	1.75	----	----
No. 1½	1.48	1.40	----	----

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
White Knight, (7.2) 2 S. Patent No. 1359. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A. A. R. S. award winner.				
No. 1½ -----	\$1.20	\$ 1.10	\$ 1.04	\$.96

PATENTED CLIMBERS

Cl. Chrysler Imperial, (7.4) V. Patent No. 1528. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long tapered crimson buds on vigorous canes open to vivid oxblood red. Good foliage. A.A.R.S. award winner 1958.				
No. 1 -----	1.50	1.37½	----	----
No. 1½ -----	1.20	1.10	----	----

PATENTED FLORIBUNDA

Chatter, (7.3) 1 F. 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.				
No. 1 -----	.90	.75	----	----
No. 1½ -----	.72	.60	----	----
Fusilier, (7.9) 2 S. Patent No. 1709. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.				
No. 1½ -----	.80	.70	----	----
Goldilocks, (7.3) 1 F. Patent No. 672. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.				
No. 1 -----	1.00	.87½	----	----
No. 1½ -----	.80	.70	----	----
Jiminy Cricket, (7.6) 2 V. Patent No. 1346. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.				
No. 1 -----	1.10	1.00	----	----
Saratoga, () Patent No. 2299. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) A.A.R.S. Award for 1964. Buds, slightly flushed cream, double white 4 inch flowers in abundant clusters. Blooms are extremely long lasting. Glossy dark green foliage on a healthy plant averaging 2½ feet in height.				
No. 1 -----	1.40	1.25	1.20	----
No. 1½ -----	1.12	1.00	----	----

ROSES—Continued

PATENTED FLORIBUNDA—Continued

10-20 Each	20-100 Each	100-250 Each	250-up Each
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Vogue, (8.2) 2 S. Patent No. 926. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. Award for 1952.

No. 1	\$1.10	\$ 1.00	\$----	\$----
No. 1½	.88	.80	----	----

PATENTED GRANDIFLORA ROSES

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

Camelot, Patent No. 2371. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) A.A.R.S. Award Winner for 1965. Large buds open to coral-pink double blooms. Blooms freely and continuously one, two or three to the stem, 5 inches across. Large dark green leaves. Strong, vigorous plant.

No. 1½	1.48	1.40	----	----
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Carrousel, (9.0) 3 F. Patent No. 1066. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.

No. 1½	1.00	.90	----	----
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Montezuma, (8.6) 3 S. Patent No. 1383. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Long buds of bright scarlet-orange slowly change to an attractive salmon-orange as large double blooms unfold. Flowers in long-stemmed cluster. Free blooming.

No. 1	1.65	1.50	1.40	----
No. 1½	1.32	1.20	----	----

Mount Shasta, 3 F. Patent No. 2132. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Enormous, long, pointed bud opens to a large white bloom with very broad petals. Flowers come abundantly and continuously on very long stems. Gray-green leathery foliage on a tall upright plant.

No. 1	1.65	1.50	1.40	----
No. 1½	1.32	1.20	1.12	----

ROSES—Continued

BROWNELL SUB-ZERO HYBRID TEA

These plants from hardier species, Wichuraiana Hybrids, are reported by the originator as being equal in every way with the more tender Hybrid Teas. Many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each
Curly Pink , (7.8) 3 F. Patent No. 842. (Retail \$2.25 ea.; 3 or more \$2.10 ea.) Large, very double deep rose-pink blooms borne profusely on a dwarf compact bush with dark glossy foliage.		
No. 1	\$1.00	\$.90
No. 1½	.80	.72
Orange Ruffels , (6.2) 2 F. (Retail \$2.25 ea.; 3 or more \$2.10 ea.) Long pointed bud opening into a double, curled and frilled flower of orange shading to saffron yellow. Dark glossy foliage.		
No. 1	1.00	.90
No. 1½	.80	.72
Queen o' the Lakes , (7.6) 2 F. Patent No. 1003. (Retail \$2.25 ea.; 3 or more \$2.10 ea.) Large, double flowers of blood-red to carmine. Glossy foliage on a dwarf bushy plant.		
No. 1	1.00	.90
No. 1½	.80	.72
V for Victory , (6.6) 3 V. Patent No. 543. (Retail \$2.25 ea.; 3 or more \$2.10 ea.) Long pointed buds open to double flowers of spectrum-yellow with red at center. Large glossy foliage on a vigorous bushy plant.		
No. 1	1.00	.90
No. 1½	.80	.72

Miscellaneous Perennials

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Perennials offered in this section are bare-root.

	Per 10	Per 100
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spectabilis, an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in.		
200 Undivided plants. 3 to 5 eye.....	\$ 4.50	\$ 40.00
LILY-OF-THE-VALLEY (convallaria majalis).		
Spikes of very fragrant small white bell-shaped flowers in early spring. Fine for shady locations.		
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100 Clumps (10 pips each)	2.90	25.00

Peonies

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

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

		Per 10	Per 100
230	Adolphe Rosseau , (8.5) Shining crimson with dark shading. Early.	\$ 6.00	\$ 55.00
70	Anna Saas , (9.6) Light pink-toned orchid blooms on strong stems. Tall. Late mid-season.	6.00	55.00
190	Baroness Schroeder , (9.0) Immense globular flowers of delicate blush changing to pure white. Tall strong stems fine for cutting. Late midseason.	4.50	40.00
50	Duchesse Denemours , (8.1) Crown type pure white. Fragrant. Early.	4.50	40.00
690	Edulis Superba , (7.6) Fragrant bright pink. Early.	4.50	40.00
1600	Francois Ortegat , (6.7) Purplish crimson. Midseason.	4.50	40.00
160	Mme. Duce , (7.9) Silver pink with salmon and silver reflex. Midseason.	4.50	40.00
400	Rachel , (7.9) Rose type. Large double garnet flowers. Midseason.	4.50	40.00
540	Tourangelie , (9.4) Large flat flowers on long stems. Rose type. White overlaid with salmon and rose. Late midseason.	6.00	55.00

PEONIES — By Color

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— MEMORANDA —

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