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The Shenandoah Nurseries

(LAKES)

Shenandoah, Iowa

BULLETIN

No. 1

FEBRUARY 19, 1960

ORDER TODAY
LONG DISTANCE PHONES
406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR 90 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 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. Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

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.

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.

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	Per 1000
Standard First Class, 5 ft. and up, 1 in. and up.....	\$11.00	\$100.00	\$.....
Standard First Class, 4½ ft. and up, 11/16 to 1 in.....	9.50	90.00	850.00
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.....	8.50	80.00	750.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.....	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.....	4.00	35.00	300.00

	1"	11/16"	9/16"	7/16"
Anoka		1200	300	---
Baldwin		1000	500	100
Beacon		1200	200	---
Chestnut Crab		150	---	---
Cortland		1000	---	200
Delicious Dark Red	1500	6000	3000	200
Delicious Yellow	500	4000	2000	200
Duchess Dark Red		900	700	200
Early Harvest		400	---	---
Fameuse		300	---	---
Fireside	300	700	200	---
Grimes Golden		3000	1400	400
Hawkeye Greening	50	500	50	---
Hyslop		900	---	---
Idared	50	1700	400	100
Joan		250	100	---
Jonathan Dark Red		10000	3000	500
Lodi		100	---	---
McIntosh Dark Red		2700	1000	---
McIntosh Early		800	100	---
Minjon	50	1500	200	50
Northern Red Spy		900	500	400
Northwest Greening	100	1200	200	---
Red June		800	200	---
Redwell Minn. No. 608		400	---	---
Roman Stem		500	200	---
Rome Beauty Red		500	300	---
Sharon		500	100	---
Stayman Dark Red	500	4000	200	---
Tolman Sweet		400	100	---
Turley	150	1500	300	200
Victory Minn. No. 396		500	100	---
Virginia	50	1000	100	---
Wealthy		3500	1000	100
Whitney		2500	800	200
Yellow Horse		500	300	100
Yellow Transparent		3000	700	100

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 Each	30-99 Each	100-up Each
600	4½ ft. and up, 11/16 in. and up	\$ 1.65	\$ 1.50	\$ 1.40
150	4 ft. and up, 9/16 to 11/16 in.	1.32	1.20	1.12
SUGGESTED RETAIL		EACH	Per 3 Each	Per 12 Each
11/16 in.		\$ 3.00	\$ 2.75	\$ 2.50
9/16 in.		2.50	2.25	2.00
				1.75
				1.60

JONADEL

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, bright red, smooth and good handling quality. Flesh is firm, crisp and juicy. Flavor milder than Jonathan but more acid than Delicious.

		Per 10 Each	Per 100 Each
5	ft. and up, 1 in. and up	\$ 1.25	\$ ----
2000	4½ ft. and up, 11/16 in. and up	1.10	1.00
200	4 ft. and up, 9/16 to 11/16 in.	.90	.80

APPLE — DWARF

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

		Per 10
4	ft. and up, 11/16 in. and up	\$19.00
3½	ft. and up, 9/16 to 11/16 in.	16.50
2½	ft. and up, 7/16 to 9/16 in.	14.00
2	ft. and up, 5/16 to 7/16 in.	10.00
		11/16" 9/16" 7/16" 5/16"
Anoka		50
Red Delicious	150	400
Yellow Delicious	50	50
Jonathan	100	200
McIntosh	80	---
Stayman	---	50
Wealthy	---	300

APPLE — SEMI-DWARF

Delcon, 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	Per 100	Per 1000
100	1 in. and up	\$15.00	\$135.00	\$ ----
1000	11/16 in. and up	13.50	120.00	1100.00

CHERRY — SOUR

ONE YEAR, Lightly branched and whips	Per 10	Per 100
2½ ft. and up, 7/16 to 9/16 in.	\$ 8.00	\$ 75.00
2 ft. and up, 5/16 to 9/16 in.	6.00	55.00
	7/16"	5/16"
Early Richmond	2200	600
Meteor	---	750
Montmorency	350	350

CHERRY—Continued

CHERRY — SWEET

TWO YEAR, Heavily branched	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$16.50	\$150.00	\$
4 ft. and up, 9/16 to 11/16 in.	14.00	125.00	----

	11/16"	9/16"	7/16"
Black Tartarian	350	----	----
Governor Wood	700	500	300
Kansas Sweet	----	----	750
Schmidt	300	70	----
Windsor	350	800	----

ONE YEAR, Lightly branched and whips	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$14.00	\$125.00	\$
4 ft. and up, 9/16 to 11/16 in.	12.00	110.00	----
3 ft. and up, 7/16 to 9/16 in.	9.00	85.00	----

	11/16"	9/16"	7/16"	5/16"
Black Tartarian	----	1800	2400	----
Giant	200	180	150	----
Governor Wood	190	200	100	----
Kansas Sweet	----	450	1000	----
Napoleon	250	850	300	900
Schmidt	200	200	200	----
Yellow Glass	200	1100	2500	1100

CHERRY — IMPROVED BESSEY *do*

same
Prunus besseyi Improved. Referred to as Hansen Bush Cherry. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

	Per 10	Per 100	Per 1000
500 3 to 4 ft. transplants	\$ 5.50	\$ 50.00	\$
1400 2 to 3 ft. transplants	4.00	35.00	300.00
1300 18 to 24 in. transplants	3.50	30.00	250.00
1200 12 to 18 in. transplants	2.50	20.00	150.00

PEAR — STANDARD

TWO YEAR	Per 10	Per 100	Per 1000
5 ft. and up, 7/8 in. and up	\$13.50	\$	\$
4½ ft. and up 11/16 to 7/8 in.	11.00	100.00	900.00
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	----

	1"	11/16"	9/16"	7/16"
Bantam	----	300	100	----
Bartlett	120	7850	----	----
Clapp Favorite	----	1800	400	----
Cope Seedless	150	1200	90	----
Douglas	80	2000	350	----
Golden Spice	----	250	----	----
Gorham	----	500	180	----
Kieffer	650	3400	250	----
Orient	140	330	----	----
Seckel	----	1600	1750	500
Waite	100	800	----	----

PLUM

AMERICAN and HARDY HYBRIDS

(On Native Roots)

ONE YEAR. All branched.	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$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"
Golden Rod	400	200	100
<i>do</i> Hanska			100
Kahinta	200	100	
Red Wing	290	100	50
Superior	150		
Underwood	150	80	50
Waneta	250	80	

PLUM

EUROPEAN and JAPANESE

ONE YEAR. All branched.	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	\$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"
Allred		100
Blue Damson	500	200
Burbank		200
Green Gage	250	
Shropshire Damson	400	150
<i>do</i> Stanley	300	

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS

ASPARAGUS, Tied 25 per bundle.

Mary Washington

	Per 100	Per 1000
60000 2 yr. No. 1	\$ 2.80	\$ 25.00
80000 1 yr. No. 1	1.80	16.00

BLACKBERRY, Tied 25 per bundle.

Alfred, early, large fruit, long bearing.

1500 No. 1	6.50	60.00
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Ebony King, new, hardy, heavy producer.

1000 No. 1	14.00	110.00
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BOYSENBERRY

3000 Thornless, tip plants	7.00	65.00
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CURRANT, Tied No. 1, 25; No. 2, 50 per bundle.

Cherry, dark red.

200 2 yr. No. 1	18.00	160.00
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Red Lake, light red berries in long clusters. Thrifty and extremely productive.

600 2 yr. No. 1	21.00	180.00
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DEWBERRY

400 Lucretia, R. C. plants No. 1	5.00	45.00
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GOOSEBERRY, Tied 25 per bundle.

do Downing, pale green.

100 1 yr. No. 1	28.00	250.00
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SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS—Continued

Per 100 Per 1000

Houghton, dark red.

100	2 yr. No. 1	\$29.00	\$250.00
400	1 yr. No. 1	22.50	200.00

Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.

1500	2 yr. No. 1	35.00	315.00
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Pixwell Seedling, vigorous, productive bush. Very similar in habit and picking quality to Pixwell. Fruit larger than Pixwell. An excellent type.

200	2 yr. No. 1	35.00	315.00
350	1 yr. No. 1	25.00	220.00

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

do Agawam, large red.

300	2 yr. No. 1	18.00	160.00
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Beta, black, extremely hardy.

200	2 yr. No. 1	18.00	160.00
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do Caco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly.

Ripens September first.

300	2 yr. No. 1	22.00	200.00
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Concord, black. Large bunches of tender, juicy fruit.

2000	2 yr. No. 1	18.00	150.00
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do Delaware, red. Early. Small bunches and berries.

200	2 yr. No. 1	22.00	200.00
800	1 yr. No. 1	18.00	160.00

* Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.

1000	2 yr. No. 1	19.00	160.00
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do Niagara, white. Tangy, flavorful fruit. Large bunches.

300	2 yr. No. 1	18.00	160.00
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do Portland, earliest white grape. Very productive and hardy. Bunches and fruit larger than any other grape.

150	2 yr. No. 1	22.00	-----
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RASPBERRY, Tied 25 per bundle.

do Chief, early red, Latham seedling.

2500	No. 1 suckers	8.50	80.00
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Indian Summer, large high-quality, everbearing red.

3000	No. 1 suckers	9.00	85.00
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Latham, late, large, productive red.

8000	No. 1 suckers	8.50	80.00
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RHUBARB

Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout.

		Per 10	Per 100
1500	No. 1 division	\$ 4.50	\$ 40.00

Victoria, whole root.

		Per 100	Per 1000
3000	2 yr. 1 to 1½ in.	\$ 8.00	\$ 75.00
2400	1 yr. ¾ to 1 in.	6.50	60.00
3300	1 yr. ½ to ¾ in.	4.50	40.00

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 Per 1000

platanoides. Norway Maple. 90 feet. Zone 3.

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

500	5 to 6 ft., whips	\$ 7.50	\$ 70.00	\$ ----
1000	6 to 7 ft., whips	8.50	80.00	----
500	7 to 8 ft., whips	10.00	90.00	----
50	5 to 6 ft., branched	19.00	175.00	----
300	6 to 8 ft., branched	28.00	250.00	----
500	8 to 10 ft., branched	32.50	300.00	----

platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 4.

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

		10-49 each	50-100 each
200	5 to 6 ft., whips	\$ 2.10	\$ 1.80
300	6 to 7 ft., whips	2.60	2.30
600	7 to 8 ft., whips	3.15	2.85

platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 4.

Per 10 Per 100 Per 1000

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

180	4 to 5 ft., whips	\$14.00	\$125.00	\$ ----
250	5 to 6 ft., whips	16.50	150.00	----
100	6 to 7 ft., whips	22.50	200.00	----
250	6 to 8 ft., branched	47.50	450.00	----
300	8 to 10 ft., branched	62.50	600.00	----

platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 4.

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

500	8 to 10 ft., branched	37.50	350.00	----
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rubrum. Red Maple. 120 feet. Zone 3.

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

40	6 to 8 ft., branched	32.50	----	----
60	8 to 10 ft., branched	42.50	----	----

saccharinum. Silver Maple. 120 feet. Zone 3.

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

750	4 to 5 ft., whips and lightly branched	5.00	45.00	400.00
500	5 to 6 ft., whips and lightly branched	8.00	75.00	700.00
500	6 to 8 ft., whips and lightly branched	12.50	100.00	900.00
5000	4 to 5 ft.	6.50	60.00	550.00
7800	5 to 6 ft.	10.00	90.00	800.00
5000	6 to 8 ft.	15.50	140.00	1250.00
2000	8 to 10 ft.	22.50	200.00	1750.00
1000	1¼ to 1½ in.	27.50	250.00	2250.00
300	1½ to 1¾ in.	35.00	325.00	3000.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

Per 10 Per 100 Per 1000

saccharum. Sugar Maple. 120 feet. Zone 3.

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall.

Fine street and lawn specimen.

250	4 to 5 ft., branched.....	\$19.00	\$175.00	\$ ----
300	5 to 6 ft., branched.....	25.00	225.00	2000.00
400	6 to 8 ft., branched.....	32.50	300.00	2750.00
350	8 to 10 ft., branched.....	42.50	400.00	3750.00
140	1¼ to 1½ in.....	50.00	475.00	-----

CELTIS

occidentalis. Common Hackberry. 50-70 feet. Zone 2.

Well formed shade tree of good foliage and dense habit.

140	5 to 6 ft.....	12.00	110.00	-----
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CERCIS

canadensis. Eastern Redbud. 35 feet. Zone 4.

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. Grown shrub form.

900	2 to 3 ft.....	6.50	60.00	550.00
3200	3 to 4 ft.....	10.00	90.00	850.00
1500	4 to 5 ft.....	14.00	125.00	1100.00
80	5 to 6 ft.....	16.50	-----	-----

CRATAEGUS

oxyacantha pauli. Paul's Scarlet Hawthorn. 12-15 feet. Zone 4.

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

100	3 to 4 ft.....	11.00	100.00	-----
100	4 to 5 ft.....	17.50	160.00	-----

phaenopyrum. Washington Hawthorn. 30 feet. Zone 4.

Upright, dense habit. Blooms profusely and displays a brilliant autumn color.

50	4 to 5 ft.....	27.50	250.00	-----
200	5 to 6 ft.....	35.00	325.00	-----
180	6 to 8 ft.....	42.50	400.00	-----

ELAEAGNUS

angustifolia. Russian Olive. 25 feet. Zone 2.

Very hardy small tree or large shrub with conspicuous silvery gray foliage.

Flowers are followed by yellow coated berries with silvery scales.

200	3 to 4 ft.....	6.50	60.00	550.00
900	4 to 5 ft.....	8.50	80.00	750.00
200	5 to 6 ft.....	11.00	100.00	-----

FRAXINUS

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.

400	4 to 5 ft.....	8.00	75.00	700.00
500	5 to 6 ft.....	11.00	100.00	900.00
400	6 to 8 ft.....	17.50	160.00	1500.00

pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 2.

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

700	4 to 5 ft.....	8.00	75.00	700.00
2000	5 to 6 ft.....	11.00	100.00	900.00
1800	6 to 8 ft.....	17.50	160.00	1500.00
500	8 to 10 ft.....	25.00	225.00	2000.00
50	1¼ to 1½ in.....	32.50	-----	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA

Per 10 Per 100 Per 1000
triacanthos inermis. Thornless Honeylocust. May. 50-60 feet.

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.

250	4 to 5 ft.	-----	\$11.00	\$100.00	\$ ----
40	6 to 8 ft.	-----	25.00	225.00	-----
200	8 to 10 ft.	-----	32.50	300.00	-----

MAJESTIC HONEYLOCUST

Plant Patent No. 1534

A strong, graceful tree of spreading habit but much more regular and compact than ordinary Honeylocust. Thornless and grows straight without staking. Bold abundant foliage is extremely dark green when mature. Light seeding.

		10-29	30-99	100-299
		Each	Each	Each
150	6 to 8 ft. 2 yr. branched	\$ 3.75	\$ 3.35	\$ 3.00
420	8 to 10 ft. 2 yr. branched	4.90	4.45	4.00
240	1¼ to 1½ in. Cal.	6.10	5.50	5.00

triacanthos inermis Moraine. Moraine Honeylocust.

This Honeylocust is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and hardy. Resistant to disease and insect damage.

		10-49	50-249	250-up	Suggested Retail
		Each	Each	Each	Each
250	5 to 6 ft. whips	\$ 2.25	\$ 2.00	\$ 1.80	\$ 5.00
100	6 to 7 ft. whips	2.75	2.50	----	6.00
100	8 to 9 ft. whips	4.25	3.80	----	----
140	5 to 6 ft., branched 1 yr. top	2.75	2.50	----	6.00
500	6 to 8 ft., branched 2 yr. top	5.50	5.00	4.50	10.00
1000	8 to 10 ft., branched 2 yr. top	7.75	7.00	6.25	12.50
470	1¼ to 1½ in. Cal. branched 2 yr. top	10.00	9.00	8.10	16.00
80	1½ to 1¾ in. Cal. branched 2 yr. top	12.50	11.25	----	20.00

SHADEMASTER HONEYLOCUST

Plant Patent No. 1515

Straight strong trunk holds ascending branches covered with dark green foliage. This rapid grower transplants easily and without staking. Excellent for streets, lawns and parks as its deep roots do not heave sidewalks and grass will grow up to the trunk. Resistant to drouth, diseases and insect pests.

		10-49	50-249	250-up
		Each	Each	Each
50	8 to 10 ft. 2 yr. branched	\$ 7.00	\$ 5.50	\$ ----
50	1¼ to 1½ in. Cal. 2 yr. branched	9.50	7.50	----
100	1½ to 1¾ in. Cal. 2 yr. branched	11.00	9.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

triacanthos inermis Skyline. (Patent No. 1619)

Skyline is a stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Foliage is dark green and of a heavy, leathery texture.

		Suggested				
		10-29	30-99	100-299	300-up	Retail
		Each	Each	Each	Each	Each
840	6 to 8 ft., 2 yr. branched	\$ 4.70	\$ 4.25	\$ 3.85	\$ 3.60	\$ 9.75
760	1 to 1½ in. Cal.	6.00	5.40	4.90	4.60	12.00
600	1½ to 1½ in. Cal.	7.30	6.60	6.00	5.65	14.00

Sunburst Locust. Plant Patent No. 1313.

Bright golden foliage on 8 to 10 inches of branch tips contrasts with the rich green of the balance of the tree. Broadly pyramidal head and excellent branching habit. Produces only male flowers and is absolutely seedless.

		Suggested				
		10-29	30-99	100-299	300-up	Retail
		Each	Each	Each	Each	Each
900	4 to 5 ft. 1 yr. whips	\$ 2.05	\$ 1.85	\$ 1.65	\$ 1.55	\$ 4.40
50	8 to 10 ft., 2 yr. branched	7.25	6.50	---	---	14.00
430	1½ to 1¾ in. Cal.	11.50	10.50	9.50	9.00	22.00

JUGLANS

nigra. Eastern Black Walnut. 150 feet. Zone 4.

A large growing tree with deeply furrowed brown bark and dark green foliage. Nut fruit 1 to 2 inches in diameter. Valuable timber tree.

		Per 10	Per 100	Per 1000
80	4 to 5 ft.	\$ 8.00	\$ 75.00	\$ ----
600	5 to 6 ft.	10.00	90.00	850.00
1000	6 to 8 ft.	14.00	125.00	1100.00
300	8 to 10 ft.	19.00	175.00	1600.00

KOELREUTRIA

paniculata. Panicked Goldenraintree. June. 30 feet. Zone 5.

Small yellow flowers in large pyramidal clusters; light yellowish-brown pods. Flat topped habit. Does well in wide range of soils.

50	3 to 4 ft.	13.50	120.00	----
150	4 to 5 ft.	16.50	150.00	----

MAGNOLIA

soulangeana. Saucer Magnolia. 20-25 feet. Zone 5.

Large white to purple flowers, 5-10 inches in diameter, cup-shaped, appear before the leaves. Available January. Grown at our Mississippi branch.

300	2 to 3 ft. B&B	37.50	350.00	----
250	3 to 4 ft. B&B	47.50	450.00	----
150	4 to 6 ft. B&B	60.00	575.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued

CENTENNIAL CRAB

No. 1472

Small tree with horizontal branches. Large white flowers. Excellent quality fruit of bright red over yellow, up to 2 inches in size. Long bearing season starting in late August. Valuable as both fruiting and ornamental crab.

		Per 10 Each	Per 100 Each
100	4 to 5 ft.	\$ 1.25	\$ 1.15
250	5 to 6 ft.	1.40	1.30

MALUS

Flowers: S — single	SD — semidouble	D — double
Fruits: BR — bright red	R — red	G — green
PR — purplish red	O — orange	Y — yellow

Price Group

I. White Blooms

Sargentii. S. R. 8 ft. Zone 5 (1)

II. Pink Blooms

Evelyn. S. Y&R (2)

Halliana Parkmanni. D. R. 15 ft. Zone 5 (1)

Ionensis Plena. D. G. 30 ft. Zone 2 (2)

III. Pink and White Blooms

Floribunda. S. Y. 30 ft. Zone 4 (3)

IV. Pink Buds and White Flowers

Zumi Calocarpa. S. BR to O. (2)

V. Carmine Blooms

Almey. S. O to BR. 20 ft. (2)

Hopa. S. BR. 30 ft. Zone 4 (4)

Van Eseltine. D. Y&R. 18 ft. (2)

VI. Purplish Red Blooms.

Cowichan. S. RP. 18 ft. Zone 3 (2)

Jay Darling. S. P.R. 18 ft. Zone 3 (3)

Makamik. S. R. 15 ft. Zone 2 (3)

Pumila Niedzwetzkyana. S. G. 20 ft. Zone 3 (3)

Purpurea Eleyi. S. RP. 25 ft. Zone 3 (4)

Red Silver. S. P. 30 ft. Zone 4 (3)

Wabiskaw. SD. R. (2)

MALUS, ORNAMENTAL CRABAPPLE—Continued

	6/8'	5/6'	4/5'	3/4'	2/3'	18/24"
Almey	400	300	----	----	----	----
Cowichan	----	70	----	----	----	----
Evelyn	70	100	----	----	----	----
Floribunda	----	----	250	----	----	----
Halliana Parkmanni	----	----	----	150	----	----
Hopa	600	1500	----	----	----	----
Ioensis Plena	----	----	----	200	300	290
Jay Darling	----	400	50	----	----	----
Makamik	----	300	----	----	----	----
Pumila Niedzwetskyana	----	150	100	50	----	----
Purpurea Eleyi	70	700	150	----	----	----
Red Silver	----	280	60	----	----	----
Sargenti	----	----	60	250	150	----
Van Eseltine	----	100	----	----	----	----
Wabiskaw	----	440	80	----	----	----
Zumi Calocarpa	----	100	----	----	----	----

Price Group No. 1

	Per 10	Per 100	Per 1000
2 to 3 ft.....	\$10.00	\$ 95.00	\$-----
3 to 4 ft.....	12.50	115.00	-----
4 to 5 ft.....	16.50	150.00	-----
5 to 6 ft.....	21.50	200.00	-----

Price Group No. 2

18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.50	70.00	-----
3 to 4 ft.....	10.00	90.00	-----
4 to 5 ft.....	14.00	125.00	-----
5 to 6 ft.....	19.00	175.00	-----
6 to 8 ft.....	22.50	210.00	-----

Price Group No. 3

3 to 4 ft.....	8.00	75.00	700.00
4 to 5 ft.....	11.00	100.00	900.00
5 to 6 ft.....	16.50	150.00	1350.00

Price Group No. 4

4 to 5 ft.....	10.00	90.00	850.00
5 to 6 ft.....	13.00	120.00	1100.00
6 to 8 ft.....	16.50	-----	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

PHELLODENDRON**Amurense.** Amur Corktree. 45 feet. Zone 3.

Rugged tree with wide, open, massive branches and deeply furrowed bark. Small whitish flowers in June followed by clusters of round black berries. Hardy.

190	5 to 6 ft.	\$22.50	\$200.00	\$
50	6 to 8 ft.	30.00	275.00	.....

PLATANUS**occidentalis.** American Planetree. 120-150 feet. Zone 5.

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

100	5 to 6 ft.	11.00	100.00	.....
200	8 to 10 ft.	28.00	250.00	2250.00

POPULUS**canadensis eugenei.** Carolina Poplar. 150 feet. Zone 5.

Coarse, glossy leaves on a wide-spread, open tree. Rapid grower.

100	8 to 10 ft.	11.00	100.00	
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nigra italica. Lombardy Poplar. 50-60 feet. Zone 3.

Rapid spire-like growth. Fine for screens and formal plantings.

		Per 10	Per 100	Per 1000
80	4 to 5 ft.	\$ 3.00	\$ 25.00	\$
3500	5 to 6 ft.	4.50	40.00	350.00
7500	6 to 8 ft.	6.00	55.00	500.00
7000	8 to 10 ft.	7.00	65.00	600.00
1700	1½ to 1½ in. Cal.	8.00	75.00	700.00
250	1½ to 1¾ in. Cal.	11.00	100.00	900.00
80	1¾ to 2 in. Cal.	14.00	125.00	.....

PRUNUS

Per 10 Per 100 Per 1000

persica. Flowering Peach (tree form on peach). 15-18 feet. Zone 5.

2	to 3 ft.	\$ 4.50	\$ 40.00	\$
3	to 4 ft.	6.50	60.00	.....
4	to 5 ft.	9.00	85.00	.....
5	to 6 ft.	12.00	110.00	.....

	5/6'	4/5'	3/4'
Camellia .....	.....	.....	70
Helen Borchers .....	.....	80	100
Iceberg	300	90	100
Peppermint Stick	200	100	70
Pink Charming	80	40	60

persica Purpleleaf.

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

800	3 to 4 ft.	5.50	50.00	450.00
900	4 to 5 ft.	8.00	75.00	700.00
250	5 to 6 ft.	10.00	90.00	850.00

NUT, ORNAMENTAL and SHADE TREES—Continued

QUERCUS

Per 10 Per 100 Per 1000

borealis. Red Oak. 75 feet. Zone 4.

Pyramidal young trees become broad and round topped with age. Dense foliage an attractive red in fall. Transplants easily and fastest grower of oaks. Fine for street or avenue as it withstands city conditions and is clean in habit.

200	4 to 5 ft.	\$19.00	\$175.00	\$
200	5 to 6 ft.	25.00	225.00	----

palustris. Pin Oak. 75 feet. Zone 4.

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.

		Per 10	Per 100	Per 1000
1300	4 to 5 ft.	\$16.50	\$150.00	\$
1300	5 to 6 ft.	22.50	200.00	----
100	6 to 8 ft.	32.50	300.00	----

SALIX

Per 10 Per 100 Per 1000

alba vitellina. Russian Golden Willow. 30 feet. Zone 2.

One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.

1000	4 to 5 ft.	\$ 3.50	\$ 30.00	\$
700	5 to 6 ft.	5.50	50.00	----
100	6 to 8 ft.	6.50	60.00	----

babylonica. Babylon Weeping Willow. 30 feet. Zone 5-6.

One of the best of the weeping willows wherever hardy. Bright green foliage.

300	3 to 4 ft.	4.00	35.00	----
450	4 to 5 ft.	5.50	50.00	----
500	5 to 6 ft.	10.00	90.00	850.00
750	6 to 8 ft.	14.00	125.00	1100.00
70	8 to 10 ft.	19.00	175.00	----

blanda. Wisconsin Weeping Willow. 40 feet. Zone 4.

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

		Per 10	Per 100	Per 1000
900	4 to 5 ft.	\$ 5.50	\$ 50.00	\$
1500	5 to 6 ft.	10.00	90.00	850.00
1440	6 to 8 ft.	14.00	125.00	1100.00
2650	8 to 10 ft.	19.00	175.00	----
120	1¼ to 1½ in. Cal.	22.50	210.00	----

discolor. Common Pussy Willow. 20-25 feet.

Per 10 Per 100 Per 1000

Catkins cover the branches in March-April before the leaves appear.

600	3 to 4 ft.	\$ 5.50	\$ 50.00	\$
340	4 to 5 ft.	8.00	75.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued

SALIX—Continued

		Per 10	Per 100	Per 1000
pentandra. Laurel Leaf Willow. 60 feet. Zone 4.				
Round headed tree producing lustrous dark green leaves, brownish shiny twigs. One of the best for ornamental planting.				
100	3 to 4 ft.	\$ 3.50	\$ 30.00	\$ ----
1100	4 to 5 ft.	5.50	50.00	----
300	5 to 6 ft.	6.50	60.00	----

SORBUS

aucuparia. European Mountainash. 45 feet. Zone 2.

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

300	6 to 8 ft.	27.50	250.00	----
480	8 to 10 ft.	35.00	325.00	----
140	1¼ to 1½ in. Cal.	42.50	400.00	----

ULMUS

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

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

1000	4 to 5 ft.	5.50	50.00	450.00
1400	5 to 6 ft.	8.00	75.00	700.00
3000	6 to 8 ft.	12.00	110.00	1000.00
2700	8 to 10 ft.	18.00	165.00	1500.00
500	1½ to 1¾ in. Cal.	35.00	325.00	3000.00

americana Moline. Moline Elm. 80-100 feet. Zone 2.

Narrow pyramidal rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

		Per 10	Per 100	Per 1000
500	4 to 5 ft.	\$ 8.00	\$ 75.00	\$700.00
800	5 to 6 ft.	11.00	100.00	900.00
1200	6 to 8 ft.	16.50	150.00	1350.00
1400	8 to 10 ft.	22.00	200.00	1800.00
500	1¼ to 1½ in. Cal.	30.00	275.00	2500.00
300	1½ to 1¾ in. Cal.	35.00	325.00	3000.00

Per 10 Per 100 Per 1000

Lake City Improved. 70 feet.

Fast growing pyramidal tree. Heavy, rich green foliage. Does not bear seed. Disease resistant. Fine for lawns and parkways.

200	8 to 10 ft.	\$37.50	\$350.00	\$3250.00
100	1¼ to 1½ in. Cal.	45.00	425.00	----

pumila. Chinese Elm. 75 feet. Zone 4.

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

1400	4 to 5 ft.	4.00	35.00	300.00
4100	5 to 6 ft.	7.00	65.00	600.00
2400	6 to 8 ft.	11.00	100.00	900.00
800	8 to 10 ft.	15.00	135.00	1250.00
400	1¼ to 1½ in. Cal.	22.50	200.00	----
200	1½ to 1¾ in. Cal.	32.50	300.00	----

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.

ACANTHOPANAX

Per 10 Per 100 Per 1000

sieboldianus, Siebold *Acanthopanax*. June. 9 feet. Zone 4.

Excellent foliage plant growing well in the shade and withstanding city growing conditions. Compound leaves remain on the plant well into fall.

100	12 to 18 in.	\$ 3.00	\$ 25.00	\$ ----
200	18 to 24 in.	4.00	35.00	----
500	2 to 3 ft.	5.50	50.00	----
130	3 to 4 ft.	7.00	---	----

ACER

ginnala, Amur Maple. 20 feet. Zone 2.

Dense shrub or small tree. Yellow fragrant flowers in April-May. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.

200	18 to 24 in.	5.50	50.00	----
1500	2 to 3 ft.	8.00	75.00	700.00
1000	3 to 4 ft.	11.00	100.00	900.00
300	4 to 5 ft.	16.50	150.00	----

ARONIA

melanocarpa, Black Chokeberry. May. 2-3 feet. Zone 4.

Single white flowers and black berries. Red foliage in fall.

150	12 to 18 in.	3.50	30.00	----
50	18 to 24 in.	5.00	---	----

BERBERIS

mentorensis, Mentor Barberry. May. 5 feet. Zone 5.

A cross between *thunbergi* and *julianae*, *mentorensis* is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

200	9 to 12 in.	3.00	25.00	200.00
500	12 to 15 in.	4.50	40.00	350.00
200	15 to 18 in.	5.50	50.00	450.00
1500	18 to 24 in.	7.00	65.00	600.00
550	2 to 2½ ft.	8.00	75.00	700.00

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

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

250	9 to 12 in.	2.00	18.00	150.00
1100	12 to 15 in.	3.00	25.00	200.00
1500	15 to 18 in.	3.50	30.00	250.00
5000	18 to 24 in.	4.50	40.00	350.00
1200	2 to 2½ ft.	5.50	50.00	450.00
1200	2½ to 3 ft.	6.50	60.00	550.00
200	3 to 3½ ft.	8.00	75.00	----

thunbergi atropurpurea, Redleaf Japanese Barberry. May. 6 feet. Zone 5.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

		Per 10	Per 100	Per 1000
800	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
1900	12 to 15 in.	4.00	35.00	300.00
4500	15 to 18 in.	5.00	45.00	400.00
2000	18 to 24 in.	6.00	55.00	500.00
3300	2 to 2½ ft.	7.00	65.00	600.00
1100	2½ to 3 ft.	8.00	75.00	700.00

thunbergi Truehedge, Truehedge Columnberry. May. 6 feet. Zone 5.

Rigidly columnar compact form requiring almost no trimming. Glossy dense foliage turns red in autumn. Can be held as low as one foot tall.

		Per 10	Per 100	Per 1000
1100	18 to 24 in.	\$ 4.50	\$ 40.00	\$ ----

ORNAMENTAL SHRUBS—Continued

BUDDLEIA

Butterflybush. July. 4-6 feet. Zone 5.

	Per 10	Per 100	Per 1000
Cut tops back severely when planting for best results.			
Medium	\$ 3.50	\$ 30.00	\$250.00
No. 1	4.00	35.00	300.00
Varieties available at above prices.			

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.

No. 1 Med.

60

Concord, 4-5 feet.

First flowers are color of Concord Grapes, then turn dark red. 1100 200

Dubonnet, 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower. 100 100

Ile de France, 4-5 feet.

Long spikes of dark claret-purple. 1600 300

White Cloud, 3-4 feet.

Neat compact plant. Compact spikes well filled to the ends.

Medium	3.50	30.00	-----
No. 1	4.00	35.00	-----

Varieties available at above prices.

Empire Blue. Patent No. 557.

An excellent shade of blue combining Aster blue with a lilac tone. 200

Peace, Patent No. 705.

Pure white flowers in long, well-formed spikes. Vigorous plant. 1000 300

Royal Red, Patent No. 556.

Rich, dark royal purple flowers. Foliage deep leathery green. 250 -----

CALLICARPA

dichotoma. Purple Beautyberry. July. 4 feet. Zone 5.

Large showy clusters of metallic-purple berries follow pink flowers.

	Per 10	Per 100	Per 1000
80 12 to 18 in.	\$ 3.50	\$ 30.00	\$ -----
200 2 to 3 ft.	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

CARAGANA

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

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

200	12 to 18 in.	\$ 2.50	\$ 22.00	\$200.00
600	18 to 24 in.	3.50	30.00	250.00
800	2 to 3 ft.	4.50	40.00	350.00

CARYOPTERIS

clandonensis. Blue Mist. August. 4 feet. Zone 5.

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.

		Per 10	Per 100	Per 1000
1300	No. 1	\$ 4.00	\$ 35.00	\$300.00
560	Medium	3.00	25.00	200.00

Per 10 Per 100 Per 1000

CEPHALANTHUS

occidentalis. Buttonbush. July. 1-5 feet. Zone 4.

Creamy white flowers in round heads about 1 inch diameter. Must have moist location. Fine for swampy land.

100	18 to 24 in.	\$ 5.00	\$ 45.00	\$
200	2 to 3 ft.	6.00	55.00	500.00
100	3 to 4 ft.	7.50	70.00	

CHAENOMELES

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

Cutting grown plant producing clusters of orange-scarlet flowers. Spicily fragrant rounded fruits. Dark shiny foliage. Bushy, dense growth.

700	9 to 12 in.	2.00	18.00	150.00
1100	12 to 18 in.	3.00	25.00	200.00

CORNUS

alba sibirica. Siberian Dogwood. May. 9 feet. Zone 2.

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

360	9 to 12 in.	2.50	20.00	
400	12 to 18 in.	3.50	30.00	250.00
1100	18 to 24 in.	5.00	45.00	400.00
850	2 to 3 ft.	6.00	55.00	500.00

amomum. Silky Dogwood. June. 9 feet. Zone 5.

Produces yellow-white flowers in flat clusters followed by blue berries. Red fall foliage. Red twigs are colorful during winter.

60	18 to 24 in.	5.00	45.00	
200	2 to 3 ft.	6.00	55.00	

mas. Cornelian Cherry. April. 24 feet. Zone 4.

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

80	12 to 18 in.	5.00	45.00	
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ORNAMENTAL SHRUBS—Continued

CORNUS—Continued

	Per 10	Per 100	Per 1000
sanguinea. Bloodtwig Dogwood. May. 12 feet. Zone 4.			
Broad green leaves turn to dark blood red in fall. Twigs dark red; flowers dull white.			
60 12 to 18 in.....	\$ 3.50	\$ 30.00	\$ -----
80 18 to 24 in.....	5.00	45.00	-----
90 2 to 3 ft.....	6.00	55.00	-----
stolonifera. Redosier Dogwood. May. 7 feet. Zone 2.			
Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.			
250 12 to 18 in.....	3.50	30.00	250.00
200 18 to 24 in.....	4.00	35.00	300.00
250 2 to 3 ft.....	5.50	50.00	450.00
250 3 to 4 ft.....	7.00	65.00	-----
stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 2.			
A striking yellow-branched form of stolonifera, highly decorative.			
680 12 to 18 in.....	3.50	30.00	250.00
700 18 to 24 in.....	5.00	45.00	400.00

COTONEASTER

acutifolia. Peking Cotoneaster. May. 10-12 feet. Zone 4.			
A valuable massing and hedging shrub. Dark green leaves. Black fruit.			
400 12 to 18 in.....	3.00	25.00	-----
400 18 to 24 in.....	4.00	35.00	300.00
1000 2 to 3 ft.....	5.50	50.00	450.00
2300 3 to 4 ft.....	7.00	65.00	600.00
700 4 to 5 ft.....	8.50	80.00	750.00
divaricata. Spreading Cotoneaster. May. 6 feet. Zone 5.			
Pink flowers are followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful, spreading habit.			
60 12 to 18 in.....	6.00	55.00	-----
100 18 to 24 in.....	8.00	75.00	-----
700 2 to 3 ft.....	9.00	85.00	800.00

DEUTZIA

gracilis. Slender Deutzia. May. 3 feet. Zone 4.			
Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.			
100 9 to 12 in.....	3.00	25.00	-----
2000 12 to 15 in.....	5.00	45.00	400.00
1000 15 to 18 in.....	6.00	55.00	500.00

lemoinei. Lemoine Deutzia. May. 7 feet. Zone 4.

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

	Per 10	Per 100	Per 1000
200 9 to 12 in.....	\$ 2.50	\$ 20.00	\$ -----
2500 12 to 18 in.....	4.50	40.00	350.00
2500 18 to 24 in.....	5.50	50.00	450.00
1200 2 to 2½ ft.....	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

DEUTZIA—Continued

Per 10 Per 100 Per 1000

rosea. Rosepanicle Deutzia. May. 4 feet. Zone 4.

A graceful, dwarf growing plant producing attractive pink flowers. Also known as "exemia" or "rosea exemia."

100	9 to 12 in.	\$ 3.50	\$ 30.00	\$ -----
600	12 to 15 in.	5.00	45.00	400.00
600	15 to 18 in.	6.00	55.00	500.00
400	18 to 24 in.	7.50	70.00	650.00

scabra Pride of Rochester. May. 6-8 feet. Zone 5.

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

100	12 to 18 in.	3.00	25.00	-----
250	18 to 24 in.	4.50	40.00	350.00
750	2 to 3 ft.	5.50	50.00	450.00

EUONYMUS

alatus Dwarf. Dwarf Winged Euonymus. May. 4 feet. Zone 3.

An excellent dwarf, compact variety. Ideal for hedging. Brilliant scarlet autumn color.

80	9 to 12 in.	6.00	55.00	-----
100	12 to 18 in.	8.00	75.00	-----
700	18 to 24 in.	11.00	100.00	900.00
90	2 to 3 ft.	16.50	150.00	-----

fortunei radicans erecta. Upright Common Wintercreeper. 4 feet. Zone 5.

Berryhill strain. One of the most strikingly beautiful plants for hedge or specimen that we have observed in Shenandoah. Requires little or no shearing to maintain it in a pleasing state. Foliage is shiny, dark green and evergreen.

		Per 10	Per 100	Per 1000
100	9 to 12 in.	\$ 4.00	\$ 35.00	\$ -----
400	12 to 15 in.	5.50	50.00	450.00
100	15 to 18 in.	7.00	65.00	600.00
300	18 to 24 in.	8.50	80.00	750.00
1200	2 to 2½ ft.	10.00	95.00	900.00
900	2½ to 3 ft.	12.00	115.00	1000.00

Per 10 Per 100 Per 1000

kiautschovica. Spreading Euonymus. 9 feet. Zone 6.

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.

200	12 to 15 in.	\$ 5.50	\$ 50.00	\$ -----
200	15 to 18 in.	7.00	65.00	-----

yedoensis. Yeddo Euonymus. May. 10 feet. Zone 4.

A broad, spreading shrub. Rich bright green foliage turns brilliant red in autumn and remains on the plant during the winter in its hardiness zone. An abundance of richly colored rose berries add to its attractiveness.

60	12 to 18 in.	3.50	30.00	-----
50	2 to 3 ft.	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

FORSYTHIA**Arnold Dwarf. 2 feet. Zone 5.**

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

100	12 to 15 in.	\$ 4.00	\$ 35.00	\$ -----
200	15 to 18 in.	5.00	45.00	400.00
690	18 to 24 in.	6.50	60.00	550.00

Arnold Giant.

Forms a compact, spreading bush. Very hardy and a consistent bloomer.
 Produces large, dark yellow flowers. One of the better new varieties.

150	12 to 18 in.	4.00	35.00	-----
400	18 to 24 in.	5.50	50.00	450.00
450	2 to 3 ft.	6.50	60.00	550.00

Beatrix Farrand. 6-8 feet.

A spectacular new Forsythia originated at the Arnold Arboretum. An extremely vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter, have striking orange markings in the throat.

150	12 to 18 in.	4.00	35.00	-----
100	18 to 24 in.	5.50	50.00	-----
300	2 to 3 ft.	6.50	60.00	550.00
170	3 to 4 ft.	8.00	75.00	-----

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.

500	12 to 18 in.	3.50	30.00	250.00
1000	18 to 24 in.	5.00	45.00	400.00
3000	2 to 3 ft.	6.00	55.00	500.00
1000	3 to 4 ft.	7.50	70.00	650.00

Lynwood Gold. April. 6-8. Zone 4.

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

300	18 to 24 in.	5.00	45.00	400.00
900	2 to 3 ft.	6.00	55.00	500.00
300	3 to 4 ft.	7.50	70.00	650.00

ovata. Early Forsythia. April. 6-8 feet. Zone 4.

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

300	12 to 18 in.	4.00	35.00	300.00
600	18 to 24 in.	5.00	45.00	400.00
200	2 to 3 ft.	6.00	55.00	500.00

Spring Glory. April. 7-8 feet. Zone 4.

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.

		Per 10	Per 100	Per 1000
100	12 to 18 in.	\$ 3.50	\$ 30.00	\$ -----
400	18 to 24 in.	5.00	45.00	400.00
4700	2 to 3 ft.	6.00	55.00	500.00
870	3 to 4 ft.	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Per 10 Per 100 Per 1000

suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 5.

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

100 12 to 18 in.....	\$ 3.50	\$ 30.00	\$ ----
100 18 to 24 in.....	5.00	45.00	----
500 2 to 3 ft.....	6.00	55.00	500.00
100 3 to 4 ft.....	7.50	70.00	----

suspensa sieboldi. Siebold Weeping Forsythia. April. 9 feet. Zone 5.

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

100 12 to 18 in.....	3.50	30.00	----
300 18 to 24 in.....	4.50	40.00	----
600 2 to 3 ft.....	6.00	55.00	500.00

HAMAMELIS

vernalis. Vernal Witchhazel. February. 10 feet. Zone 5.

First shrub to bloom in the spring. Small, very fragrant flowers of reddish-yellow over a long period. Vigorous grower.

200 12 to 18 in.....	4.50	40.00	----
200 18 to 24 in.....	5.50	50.00	----
80 2 to 3 ft.....	7.00	----	----

virginiana. Common Witchhazel. October. 15 feet. Zone 4.

Yellow ribbon like flowers borne on a bush covered with bright yellow fall foliage. Grows in partial shade and full sun.

200 12 to 18 in.....	4.50	40.00	350.00
150 18 to 24 in.....	5.50	50.00	----

HIBISCUS

syriacus. Shrubalthea. August. 10-12 feet. Zone 5.

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.....	3.00	25.00	200.00
18 to 24 in.....	4.00	35.00	300.00
2 to 3 ft.....	5.00	45.00	400.00
3 to 4 ft.....	6.50	60.00	550.00

Following varieties at above prices.

	3/4'	2/3'	18/24"	12/18"
Anemone, double pink	500	15000	6000	4000
Ardens, double purple		1600	600	200
Boule de Feu, double purplish-red	300	6600	2000	2000
Jeanne de Arc, double pure white		3000	2500	1500
Lucy, semi-double rose		3300	1400	100
Purpurea Semi-plena, semi-double clear purple	100	6000	4400	1700
Snowdrift, single, white		1450	600	700

HYDRANGEA

aborescens 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. Available SPRING only.

1500 12 to 18 in.....	3.50	30.00	----
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ORNAMENTAL SHRUBS—Continued

HYDRANGEA—Continued

paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4. Per 10 Per 100 Per 1000

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

100	12 to 18 in.	\$ 3.50	\$ 30.00	\$ ----
1500	18 to 24 in.	5.50	50.00	450.00
1800	2 to 3 ft.	6.50	60.00	550.00

HYPERICUM

kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 4.

Produces handsome bright yellow, single flowers to 1 inch in diameter. A low compact plant of neat habit.

100	12 to 15 in.	3.50	30.00	----
180	15 to 18 in.	4.50	40.00	350.00
160	18 to 24 in.	5.50	50.00	450.00

prolificum. Shrubby St. Johnswort. July. 3 feet. Zone 4.

Very shrubby and hardy. Small narrow leaves; dense plant, mounded in habit, and covered with continuous blooms of single bright yellow for several weeks at a time. Brown, lustrous smooth bark in winter.

250	12 to 15 in.	3.50	30.00	----
160	15 to 18 in.	4.50	40.00	350.00
150	18 to 24 in.	5.50	50.00	450.00

LAGERSTROEMIA

indica. Common Crape myrtle. 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. SPRING only.

18 to 24 in.	4.00	35.00	300.00
500 PINK	500 PURPLE	300 WHITE	

LONICERA

Clavey's Compact Dwarf Honeysuckle. May. 5 feet. Zone 4.

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

	Per 10	Per 100	Per 1000
1000 12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
1800 18 to 24 in.	4.50	40.00	350.00
7000 2 to 3 ft.	5.50	50.00	450.00

fragrantissima. Winter Honeysuckle. April. 6 feet. Zone 5. Per 10 Per 100 Per 1000

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

100	18 to 24 in.	\$ 4.50	\$ 40.00	\$ ----
200	2 to 3 ft.	5.50	50.00	450.00
50	3 to 4 ft.	7.00	----	----

ORNAMENTAL SHRUBS—Continued

LONICERA—Continued

Per 10 Per 100 Per 1000

korolkowi. Blue Leaf Honeysuckle. May. 12 feet. Zone 5.

Blue to gray-green foliage. Rose pink flowers in May followed by bright red and orange berries in July and August.

50	18 to 24 in.	\$ 4.50	\$ 40.00	\$ ----
100	2 to 3 ft.	5.50	50.00	----

maacki Podocarpa. Podocarpa Amur Honeysuckle. May. 15 feet. Zone 4.

Noteworthy for its retention of green leaves and bright red fruits in late fall. Produces fragrant white flowers.

50	18 to 24 in.	4.00	35.00	----
150	2 to 3 ft.	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.

100	12 to 18 in.	3.00	25.00	----
500	18 to 24 in.	4.00	35.00	300.00
800	2 to 3 ft.	5.00	45.00	400.00
100	3 to 4 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.

100	12 to 18 in.	3.00	25.00	----
250	18 to 24 in.	4.00	35.00	300.00
1400	2 to 3 ft.	5.00	45.00	400.00
900	3 to 4 ft.	6.00	55.00	500.00

tatarica Bride. (grandiflora). May. 8-10 feet. Zone 4.

A pink flowering, upright growing Honeysuckle. Planted for profusely produced flowers and attractive red fruit.

100	12 to 18 in.	3.00	25.00	200.00
200	18 to 24 in.	4.00	35.00	300.00
600	2 to 3 ft.	5.00	45.00	400.00

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.

300	12 to 18 in.	3.00	25.00	----
1000	18 to 24 in.	4.00	35.00	300.00
2600	2 to 3 ft.	5.00	45.00	400.00
1300	3 to 4 ft.	6.00	55.00	500.00
180	4 to 5 ft.	7.50	70.00	650.00

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.

400	18 to 24 in.	4.00	35.00	----
1000	2 to 3 ft.	5.00	45.00	400.00
400	3 to 4 ft.	6.00	55.00	500.00
300	4 to 5 ft.	7.50	70.00	650.00

zabeli. Zabel Honeysuckle. May. 7 feet. Zone 4.

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

		Per 10	Per 100	Per 1000
1100	12 to 18 in.	\$ 3.00	\$ 25.00	\$200.00
600	18 to 24 in.	4.00	35.00	300.00
2000	2 to 3 ft.	5.00	45.00	400.00
1000	3 to 4 ft.	6.00	55.00	500.00
600	4 to 5 ft.	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS

Per 10 Per 100 Per 1000

coronarius, Sweet Mockorange. May. 9 feet. Zone 4.

Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.

500	12 to 18 in.	\$ 3.00	\$ 25.00	\$200.00
2800	18 to 24 in.	4.50	40.00	350.00
4000	2 to 3 ft.	5.50	50.00	450.00
1300	3 to 4 ft.	7.00	65.00	600.00

coronarius aureus, Golden Mockorange. 5 feet. Zone 4.

Dwarf growing form with golden yellow foliage. Outstanding accent. Available SPRING only.

600	15 to 18 in.	8.50	80.00	750.00
150	18 to 24 in.	11.00	100.00	-----

grandiflorus, Big Scentless Mockorange. June. 9 feet. Zone 4.

Produces clusters of scentless white flowers to 1¼ inches in diameter. Habit of branching somewhat straggling.

100	12 to 18 in.	3.00	25.00	-----
800	18 to 24 in.	4.50	40.00	350.00
2400	2 to 3 ft.	5.50	50.00	450.00
1400	3 to 4 ft.	7.00	65.00	600.00

lemoniei Belle Etoile. June. 6 feet. Zone 5.

Single, fragrant, pure white flowers having a slight purple tinge deep in throat when first open and of 2-2¼ inches in diameter. Not considered hardy north of southern Iowa.

300	12 to 18 in.	3.50	30.00	250.00
300	18 to 24 in.	5.00	45.00	400.00
400	2 to 3 ft.	6.00	55.00	500.00

lemoniei Innocence. June. 8 feet. Zone 5.

One of the most fragrant varieties. The long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.

200	2 to 3 ft.	6.00	55.00	-----
200	3 to 4 ft.	8.00	75.00	700.00
450	4 to 5 ft.	9.50	90.00	850.00

Minnesota Snowflake. May-June. 6-7 feet. Plant Pat. No. 538.

Double, white, fragrant blooms. Plants retain dark green leaves close to ground. Vigorous.

300	18 to 24 in.	6.00	55.00	-----
2500	2 to 3 ft.	7.00	65.00	600.00
600	3 to 4 ft.	9.00	85.00	800.00

virginialis, Virginal. June. 6-8 feet. Zone 5.

Widely grown and distributed, double flowering, fragrant Mockorange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

		Per 10	Per 100	Per 1000
500	12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
2000	18 to 24 in.	5.00	45.00	400.00
3500	2 to 3 ft.	6.00	55.00	500.00
1100	3 to 4 ft.	7.00	65.00	600.00
800	4 to 5 ft.	9.00	85.00	800.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

virginalis Albatre. June. 5 feet. Zone 5. Per 10 Per 100 Per 1000

Produces double white blooms on a compact plant.

200 12 to 18 in.	\$ 3.00	\$ 25.00	\$ ----
200 18 to 24 in.	4.50	40.00	----

virginalis Bouquet Blanc. June. 6 feet. Zone 5.

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

50 12 to 18 in.	3.50	30.00	----
100 18 to 24 in.	5.00	45.00	----
150 2 to 3 ft.	6.00	55.00	----

virginalis Glacier. June. 5 feet. Zone 5.

Produces double white flowers to 1½ inch in diameter. Plant is neat and well formed.

150 12 to 18 in.	3.00	25.00	----
60 18 to 24 in.	4.50	40.00	----
200 2 to 3 ft.	5.50	50.00	----

PHYSOCARPUS

opulifolius. Common Ninebark. May-June. 9 feet. Zone 2.

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 larger plants during the winter.

80 18 to 24 in.	4.50	40.00	----
180 2 to 3 ft.	5.50	50.00	----
100 3 to 4 ft.	6.50	60.00	----

opulifolius aureus. Goldleaf Ninebark. June. 8-10 feet. Zone 2.

Wide spreading habit but maintains a formal outline. Foliage bright yellow changing to golden brown in late summer. White flowers followed by reddish brown capsules.

80 18 to 24 in.	4.50	40.00	----
300 2 to 3 ft.	5.50	50.00	450.00

opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 2.

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.

100 2 to 3 ft.	5.50	50.00	----
350 3 to 4 ft.	6.50	60.00	----

POTENTILLA

fruticosa Lemon Drop. May-Sept. 4 feet. Zone 5.

A sturdy, hardy shrub producing lemon yellow blooms over an extremely long season.

100 12 to 15 in.	4.50	40.00	----
100 15 to 18 in.	5.50	50.00	----
500 18 to 24 in.	6.50	----	----

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.

	Per 10	Per 100	Per 1000
150 12 to 18 in.	\$ 4.00	\$ 35.00	\$ ----
600 18 to 24 in.	6.50	60.00	550.00
400 2 to 3 ft.	8.00	75.00	700.00

ORNAMENTAL SHRUBS—Continued

PRUNUS—Continued

Per 10 Per 100 Per 1000

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, $\frac{1}{2}$ inch in diameter.

1250	12 to 18 in.....	\$ 3.00	\$ 25.00	\$200.00
1600	18 to 24 in.....	4.50	40.00	350.00
800	2 to 3 ft.....	5.50	50.00	450.00

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.

120	3 to 4 ft.....	11.00	100.00	-----
150	4 to 5 ft.....	14.00	125.00	-----

triloba. Flowering Plum. April. 15 feet. Zone 5.

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

220	12 to 18 in.....	4.00	35.00	-----
60	18 to 24 in.....	6.50	60.00	-----
60	2 to 3 ft.....	8.00	75.00	-----
450	3 to 4 ft.....	11.00	100.00	900.00

RHAMNUS

frangula. Glossy Buckthorn. 18 feet. Zone 2.

A vigorous shrub valued for its lustrous green foliage, dense habit of growth and numerous small berries. Fruit changes color from green to red to black as the season progresses, and all colors at the same time during late summer.

150	18 to 24 in.....	3.00	25.00	-----
90	2 to 3 ft.....	4.00	35.00	-----
50	3 to 4 ft.....	5.50	50.00	-----

RHODOTYPOS

scandens. Black Jetbead. May. 6 feet. Zone 5.

Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.

100	12 to 18 in.....	3.50	30.00	-----
300	18 to 24 in.....	4.50	40.00	350.00
1400	2 to 3 ft.....	5.50	50.00	450.00
300	3 to 4 ft.....	7.00	65.00	600.00

RHUS

aromatica. Fragrant Sumac. May. 3-4 feet. Zone 3.

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.

200	12 to 18 in.....	4.50	40.00	-----
60	18 to 24 in.....	5.50	50.00	-----
90	2 to 3 ft.....	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

RHUS—Continued

Per 10 Per 100 Per 1000

glabra. Smooth Sumac. July. 15 feet. Zone 2.

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

700	12 to 18 in.....	\$ 2.50	\$ 20.00	\$150.00
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typhina. Staghorn Sumac. June. 20-30 feet. Zone 3.

Named because of its very fuzzy twigs, this Sumac does well in very dry soils. Brilliant foliage in fall and bright fruit pyramids make this plant stand out among any others all during fall and winter.

200	12 to 18 in.....	2.50	20.00	150.00
800	18 to 24 in.....	3.50	30.00	250.00

RIBES

alpinum. Alpine Currant. May. 6-7 feet. Zone 2.

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

900	12 to 15 in.....	4.50	40.00	350.00
1200	15 to 18 in.....	6.00	55.00	500.00

SALIX

purpurea Dwarf. Dwarf Purpleosier Willow. March. 9 feet. Zone 4.

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

1200	9 to 12 in.....	1.50	12.00	-----
540	12 to 15 in.....	2.50	20.00	150.00

SPIRAEA

albiflora. Japanese White Spirea. July. 1½ feet. Zone 4.

Dense, compact, low shrub covered with clusters of white flowers in July.

200	12 to 15 in.....	4.50	40.00	-----
200	15 to 18 in.....	6.50	60.00	-----

arguta. Garland Spirea. May. 5-6 feet. Zone 4.

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

100	12 to 18 in.....	3.00	25.00	-----
250	18 to 24 in.....	4.50	40.00	350.00
700	2 to 3 ft.....	5.50	50.00	450.00

billardi. Billard Spirea. June. 6 feet. Zone 4.

Produces pyramidal spikes of bright rose flowers. Form a dense mass of growth.

1400	12 to 18 in.....	3.00	25.00	200.00
2800	18 to 24 in.....	4.50	40.00	350.00
1400	2 to 3 ft.....	5.50	50.00	450.00
1800	3 to 4 ft.....	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

		Per 10	Per 100	Per 1000
bumalda Anthony Waterer. June. 2 feet. Zone 4.				
Flat clusters of bright crimson flowers to 6 inches in diameter are produced over a period of several weeks.				
5000	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
6000	12 to 15 in.	4.00	35.00	300.00
9000	15 to 18 in.	5.00	45.00	400.00
4000	18 to 24 in.	6.00	55.00	500.00

bumalda Froebel. 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.

		Per 10	Per 100	Per 1000
500	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
6000	12 to 18 in.	4.00	35.00	300.00
9000	18 to 24 in.	4.50	40.00	350.00
2500	2 to 2½ ft.	5.50	50.00	450.00
500	2½ to 3 ft.	6.50	60.00	550.00

		Per 10	Per 100	Per 1000
japonica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 4.				

Similar in growth and habit to Anthony Waterer Spirea but much clearer and richer coloring. Foliage shows little fading to magenta.

2500	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
1500	12 to 15 in.	4.00	35.00	300.00
400	15 to 18 in.	5.00	45.00	400.00

margaritae. Margarita Spirea. June. 4 feet. Zone 4.

Hybrid cross of japonica and superba. Small bright rose flowers in flat clusters 3 to 6 inches in diameter. Responds well to slight early spring pruning.

170	9 to 12 in.	3.00	25.00	-----
60	12 to 15 in.	4.00	35.00	-----

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.

1000	12 to 18 in.	3.00	25.00	220.00
3500	18 to 24 in.	4.50	40.00	350.00
6500	2 to 3 ft.	5.50	50.00	450.00

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.

30000	12 to 18 in.	2.50	22.00	200.00
25000	18 to 24 in.	3.50	32.00	300.00
3600	2 to 3 ft.	4.50	40.00	350.00
390	3 to 4 ft.	5.50	50.00	450.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 3.

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

500	18 to 24 in.	3.00	25.00	-----
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ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS—Continued

Per 10 Per 100 Per 1000

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

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

360	12 to 18 in.	\$ 2.00	\$ 15.00	\$ -----
100	18 to 24 in.	3.00	25.00	-----
300	2 to 3 ft.	3.50	30.00	-----

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 hardiness.

2000	12 to 18 in.	4.00	35.00	300.00
3300	18 to 24 in.	5.00	45.00	400.00
900	2 to 3 ft.	6.00	55.00	500.00
800	3 to 4 ft.	7.00	65.00	600.00

Josikaea. Hungarian Lilac. June. 12 feet. Zone 2.

Violet flowers in terminal panicles to 7 inches long. Glossy green foliage. Adaptable to clipping.

400	12 to 18 in.	3.50	30.00	250.00
1000	18 to 24 in.	4.50	40.00	350.00
750	2 to 3 ft.	5.50	50.00	450.00

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.

150	12 to 18 in.	3.50	30.00	-----
550	18 to 24 in.	4.50	40.00	-----
500	2 to 3 ft.	5.50	50.00	-----

vulgaris alba. White Common Lilac. May. 20 feet. Zone 3.

A vigorous shrub with clusters of single white flowers among the attractive green foliage.

370	12 to 18 in.	3.50	30.00	250.00
1000	18 to 24 in.	4.50	40.00	350.00
1300	2 to 3 ft.	5.50	50.00	450.00

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

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

6000	12 to 18 in.	3.50	30.00	250.00
8500	18 to 24 in.	4.50	40.00	350.00
1000	2 to 3 ft.	5.50	50.00	450.00
550	3 to 4 ft.	7.00	65.00	600.00

vulgaris, Hybrids and Horticultural Varieties, May. 15 feet. Zone 3.

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. The California Privet either dies out or is cut out as a storage process.

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.	3.50	30.00	-----
12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.50	60.00	-----
2 to 3 ft.	8.50	-----	-----

ORNAMENTAL SHRUBS—Continued

SYRINGA—Continued

	2/3'	18/24"	12/18"	9/12"
BLUE				
Decaisne, single			50	150
Marechal Lannes, double			80	110
President Grevy, double		700	4600	3500

LILAC

Viviand Morel, double		140		
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MAGENTA

Chas. X, single			3100	2100
Congo, single		300	130	160
Paul Thirion, double			80	60

PINK

Macrostachya, single	50	90		50
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PURPLE

Hugo de Vries, single			220	90
Ludwig Spaeth, single				200
Michel Buchner, double	60	250		100
President Lincoln, single	80	100		

TAMARIX

Per 10 Per 100 Per 1000

hispidula. 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 spring pruning may be practiced.

200 12 to 18 in.....	\$ 3.00	\$ 25.00	\$ ----
180 18 to 24 in.....	4.50	40.00	----

hispidula 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.

1100 12 to 18 in.....	3.50	30.00	----
150 18 to 24 in.....	4.50	40.00	----

tetrandra. Fourstamen Tamarisk. May. 10-12 feet. Zone 4.

Slender branches of reddish-bronze bark. Pink flowers. Very hardy.

300 12 to 18 in.....	3.50	30.00	----
250 18 to 24 in.....	4.50	40.00	----
80 2 to 3 ft.....	5.50		----

VIBURNUM

chenaulti. Chenault Viburnum. May. 5-6 feet. Zone 5.

New semi-evergreen hybrid similar to *V. burkwoodi* but more compact.

50 12 to 15 in. Moss & Burlap	11.50		----
40 15 to 18 in. Moss & Burlap	15.00		----

dentatum. Arrowwood Viburnum. June. 15 feet. Zone 2.

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

340 12 to 18 in.....	3.50	30.00	----
1200 18 to 24 in.....	4.50	40.00	350.00
1800 2 to 3 ft.....	5.50	50.00	450.00
1680 3 to 4 ft.....	7.50	70.00	----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Per 10 Per 100 Per 1000

dilatatum. Linden Viburnum. June. 9 feet. Zone 5.

Creamy white flowers in flat clusters on a dense, compact shrub. Bright red fruit clusters, as much as 5 inches in diameter cover the plant each fall. Russet red autumn foliage.

80	12 to 15 in.	\$ 3.00	\$ ----	\$ ----
70	15 to 18 in.	4.50	----	----
100	18 to 24 in.	5.50	----	----

juddi. Judd Viburnum. May. 5 feet. Zone 4.

Improved type of *V. carlesii* with blooms exactly the same. Resistant to black spot.

100	12 to 15 in. Moss & Burlap	13.50	115.00	----
50	15 to 18 in. Moss & Burlap	16.50	150.00	----

lantana. Wayfaringtree Viburnum. May. 15 feet. Zone 3.

Produces white flowers in flat clusters followed by bright red berries that turn black in fall when foliage becomes red.

200	12 to 18 in.	3.50	30.00	----
400	18 to 24 in.	4.50	40.00	----
500	2 to 3 ft.	5.50	50.00	----
100	3 to 4 ft.	7.00	65.00	----
300	4 to 5 ft.	9.00	85.00	----

lentago. Nannyberry Viburnum. May. 30 feet. Zone 2

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.

700	12 to 18 in.	3.50	30.00	250.00
1400	18 to 24 in.	5.00	45.00	400.00
1700	2 to 3 ft.	5.50	50.00	450.00
250	3 to 4 ft.	7.50	70.00	----
80	4 to 5 ft.	9.00	85.00	----

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

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

190	12 to 18 in.	3.00	25.00	----
360	18 to 24 in.	4.50	40.00	----
130	2 to 3 ft.	5.50	50.00	----

opulus. European Cranberrybush. May. 12 feet. Zone 3.

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

350	12 to 18 in.	4.00	35.00	----
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opulus sterilis. Common Snowball. May. 10-12 feet. Zone 3.

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

1670	9 to 12 in.	3.00	25.00	200.00
700	12 to 18 in.	4.00	35.00	300.00

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Per 10 Per 100 Per 1000

rhytidophylloides. Lantanaphyllum Viburnum. 8 feet. Zone 5.

A new Viburnum introduced by Arnold Arboretum. Larger leaves and a better green than V. rhytidophyllum. Yellowish-white flowers and red berries that turn black. Grows in almost any soil.

200	18 to 24 in. Moss & Burlap.....	\$19.00	\$175.00	\$
360	2 to 2½ ft. Moss & Burlap.....	27.50	250.00	.....
360	2½ to 3 ft. Moss & Burlap.....	35.00	325.00	.....

tomentosum. Doublefile Viburnum. May. 8 feet. Zone 4.

White flowers in flat heads followed by bright red berries that turn to blue-black. Horizontal branching habit. Dull red autumn foliage.

80	12 to 18 in.....	3.50	.....	.....
60	18 to 24 in.....	4.50	.....	.....

tomentosum Mariesi. Maries Doublefile Viburnum. May. 9 feet. Zone 4.

Long stemmed flat clusters of white flowers over 4 inches across. Marginal flowers sterile and larger. Red fruit turning blue-black.

180	12 to 18 in.....	4.00	35.00	
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WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

Plant patent No. 492. Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.

100	18 to 24 in. (Retail \$2.00 each).....	8.00	60.00	.....
700	2 to 3 ft. (Retail \$2.50 each).....	9.00	80.00	700.00
260	3 to 4 ft. (Retail \$3.00 each).....	12.50	115.00	.....

Dwarf variegated. May. 5 feet. Zone 5.

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

280	12 to 18 in.....	4.50	40.00	.....
200	18 to 24 in.....	5.50	50.00	.....
1600	2 to 3 ft.....	7.00	65.00	.....

floribunda. Crimson Weigela. May-June. 8 feet. Zone 5.

Strong vigorous growing variety with an abundance of crimson flowers.

60	12 to 18 in.....	3.50	30.00	.....
100	18 to 24 in.....	5.00	45.00	.....
260	2 to 3 ft.....	6.00	55.00	.....
80	3 to 4 ft.....	7.50	.....	.....

Newport Red. May. 6 feet. Zone 4.

Vanicek has been established as the same plant by the Arnold Arboretum. Masses of bright crimson trumpet shaped flowers on a hardy plant of neat habit.

340	12 to 18 in.....	4.00	35.00	300.00
300	18 to 24 in.....	5.50	50.00	450.00
1100	2 to 3 ft.....	6.50	60.00	550.00
880	3 to 4 ft.....	8.00	75.00	700.00

wagneri Stelzner.

A graceful spreading Weigela producing dark rose trumpets.

100	2 to 3 ft.....	6.50	60.00	.....
60	3 to 4 ft.....	8.00	.....	.....

Vines

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

Per 10 Per 100 Per 1000

CAMPSIS

radicans. Common Trumpet creeper. July. 30 feet. Zone 4.

A shrubby vine that clings to stone or woodwork. Brilliant orange to scarlet flowers are its chief attraction.

1200 2 year, Medium	\$ 3.00	\$ 25.00	\$ ----
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CELASTRUS

orbiculata. Oriental Bittersweet. June. 36 feet. Zone 4.

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.

400 2 year, No. 1	3.50	30.00	250.00
550 2 year, Medium	3.00	25.00	200.00

scandens. American Bittersweet. June. 20 feet. Zone 3.

Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.

800 3 year, No. 1	4.00	35.00	----
2400 2 year, No. 1	3.50	30.00	250.00
1200 2 year, Medium	3.00	25.00	200.00

EUONYMUS

fortunei radicans. Common Winter creeper. 25 feet. Zone 5.

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

1300 2 year, No. 1	6.50	60.00	550.00
700 2 year, Medium	5.50	50.00	450.00

LONICERA

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

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

220 3 year, No. 1	5.00	45.00	----
200 2 year, No. 1	4.50	40.00	----
100 2 year, Medium	4.00	35.00	----

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.

200 2 year, No. 1	4.50	40.00	----
100 2 year, Medium	4.00	35.00	----

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.

	Per 10	Per 100	Per 1000
800 3 year, No. 1	\$ 3.00	\$ 25.00	\$200.00
4500 2 year, No. 1	2.50	22.00	200.00
1400 2 year, Medium	2.00	18.00	150.00

VINES—Continued

LONICERA—Continued

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 3. Per 10 Per 100 Per 1000

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

50	2 year, No. 1	\$ 3.50	\$ -----	\$ -----
100	2 year, Medium	3.00	25.00	-----

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.

1690	2 year, No. 1	3.50	30.00	250.00
1700	2 year, Medium	3.00	25.00	200.00

tricuspidata veitchi. Veitch Boston Ivy. 60 feet. Zone 4.

A graceful and hardy clinging vine. Glossy green foliage, purple when young and turning bright scarlet in fall. Rapid grower. Available SPRING only.

2000	2 year, No. 1	5.50	50.00	-----
400	2 year, Medium	4.00	35.00	-----

POLYGONUM

auberti. Silvertine Fleeceflower. August. 25 feet. Zone 4.

Clusters of small greenish white flowers. The foliage is dense and bright green. A vigorous, twining vine that may grow as much as 20 to 30 feet in a single season. Available SPRING only.

1100	2 year, No. 1	5.00	45.00	-----
600	2 year, Medium	4.00	35.00	-----

Hedging

Per 100 Per 1000

BERBERIS

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

1200	9 to 12 in. 2 year seedlings, branched.....	\$ 8.50	\$ 75.00
6000	12 to 18 in. 2 and 3 year seedlings, branched.....	11.00	100.00
8600	18 to 24 in. 2 and 3 year seedlings, branched.....	16.00	140.00

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

3000	12 to 15 in. 2 and 3 year seedlings, branched.....	17.00	140.00
4000	15 to 18 in. 2 and 3 year seedlings, branched.....	21.00	180.00
8000	18 to 24 in. 2 and 3 year seedlings, branched.....	24.00	220.00

CARAGANA

arborescens. Siberian Peashrub.

800	9 to 12 in.....	2.40	20.00
2500	12 to 18 in.....	3.50	30.00
5000	18 to 24 in.....	4.50	40.00
5000	2 to 3 ft.....	6.00	55.00

LIGUSTRUM

amurense. Amur River North Privet. June. 15 feet. Zone 3.

Produces white flowers in small spikes followed by dull, small black berries.

		Per 100	Per 1000	5000 lot Per 1000
6500	9 to 12 in., branched.....	\$ 7.00	\$ 60.00	\$ 50.00
7000	12 to 18 in., 2 canes and up.....	9.00	80.00	60.00
5800	12 to 18 in., 3 canes and up.....	12.00	100.00	75.00
12000	18 to 24 in., 2 canes and up.....	12.00	100.00	75.00
3600	18 to 24 in., 3 canes and up.....	14.00	125.00	100.00
1200	2 to 3 ft., 2 & 3 canes and up.....	14.00	125.00	100.00
2400	2 to 3 ft., 4 canes and up.....	18.00	150.00	135.00
2000	3 to 4 ft., 4 canes and up.....	22.00	180.00	-----

Must be 3000 of a size for 5000 rate.

ibolium. Ibolium Privet. June. 12 feet. Zone 4.

Hardier than the California Privet but very similar to it.

		Per 100	Per 1000
700	9 to 12 in.....	\$ 5.60	\$ 50.00
3600	12 to 18 in., 3 canes and up.....	9.00	80.00
700	18 to 24 in., 3 canes and up.....	12.00	100.00

ovalifolium. California Privet. June. 15 feet. Zone 5.

Creamy white flowers in small clusters are followed by black berries.

4000	9 to 12 in. branched.....	5.60	50.00
20000	12 to 18 in., branched.....	9.00	80.00
5000	18 to 24 in., branched.....	12.00	100.00
2700	2 to 3 ft., branched.....	16.50	140.00

LONICERA

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

Flowers are rosy pink outside and light pink inside.

900	9 to 12 in.....	8.50	75.00
1500	12 to 18 in.....	11.00	100.00
1400	18 to 24 in.....	16.00	140.00

HEDGING—Continued**LONICERA—Continued**

	Per 100	Per 1000
zabeli. Zabel Honeysuckle. May. 7 feet. Zone 4.		
Generally accepted as the best of the improved strains of Red Honeysuckle. Prolific in berry. Tidy and hardy.		
1500 9 to 12 in.....	\$11.00	\$100.00
3000 12 to 18 in.....	16.00	140.00
3200 18 to 24 in.....	21.50	190.00

ROSA

multiflora. Japanese Rose. June. 10 feet. Zone 5.		
One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.		
96000 1/4 to 3/8 in. cal.....	5.00	45.00
13000 No. 1, 3/16 to 1/4 in.....	4.00	35.00
10000 No. 2, 2/16 to 3/16 in.....	3.00	25.00

SPIRAEA

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.		
Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.		
800 9 to 12 in.....	8.50	75.00
4000 12 to 18 in.....	12.00	100.00
3000 18 to 24 in.....	15.50	140.00

ULMUS**pumila. Chinese Elm.**

An excellent hedging material. "Lining Out Stock."

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

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.

Per 10 Per 100

JUNIPERUS

chinensis pfitzeriana. Pfitzer Juniper. Zone 4.

Valuable natural spreading habit of growth.

2200 15 to 18 in.....	\$27.50	\$250.00
5300 18 to 24 in.....	32.50	300.00
1900 2 to 2½ ft.....	37.50	350.00

chinensis pfitzeriana compacta.

Compact form of Pfitzer.

500 15 to 18 in.....	33.00	300.00
270 18 to 24 in.....	37.50	350.00

chinensis pfitzeriana Silver Blue. Blueleaf.

Similar to regular Pfitzer but with shining silvery-blue color.

120 15 to 18 in.....	32.50	300.00
300 18 to 24 in.....	37.50	350.00
90 2 to 2½ ft.....	45.00	425.00

chinensis sargentii. Sargent Juniper.

Prostrate shrub with creeping stems.

100 15 to 18 in.....	32.50	
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chinensis sargentii Ames. Ames Juniper.

Broad upright plant, tapering to a pointed top.

100 15 to 18 in.....	32.50	300.00
240 18 to 24 in.....	37.50	350.00
120 2 to 2½ ft.....	45.00	425.00

communis hibernica. Irish Juniper.

A dense, upright form of *communis*. Very symmetrical with glaucous green foliage.

450 18 to 24 in.....	15.00	125.00
500 2 to 3 ft.....	22.50	200.00
550 3 to 4 ft.....	30.00	275.00

glauca Hetz.

A fine foliaged, vigorous spreader. Maintains its blue-green foliage color all year.

120 2½ to 3 ft.....	42.50	400.00
200 3 to 3½ ft.....	50.00	475.00

horizontalis plumosa. Andorra Juniper.

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

300 15 to 18 in.....	27.50	250.00
1260 18 to 24 in.....	32.50	300.00
560 2 to 2½ ft.....	35.00	325.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

	Per 10	Per 100
procumbens. Japgarden Juniper.		
Spreading shrub to 2 feet high.		
160 18 to 24 in.....	\$42.50	\$400.00
sabina. Savin Juniper.		
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups or low borders.		
340 15 to 18 in.....	27.50	250.00
70 18 to 24 in.....	32.50	300.00
90 2 to 2½ ft.....	37.50	350.00
380 2½ to 3 ft.....	45.00	425.00
scopulorum Cologreen.		
Light green foliage. Conical habit of growth.		
40 2 to 2½ ft.....	42.50	----
80 2½ to 3 ft.....	47.50	----
scopulorum Moffeti.		
Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.		
60 3 to 3½ ft.....	55.00	----
40 3½ to 4 ft.....	62.50	----
scopulorum. Rocky Mountain Juniper.		
Very hardy. Thrives in hot, dry weather. Grown from seed.		
50 3 to 4 ft.....	47.50	450.00
scopulorum Welchi.		
Of columnar habit and greenish silver color.		
130 2 to 2½ ft.....	42.50	400.00
60 3½ to 4 ft.....	62.50	600.00
virginiana Burkl.		
Columnar growth habit and steel blue thick foliage. Responds to pruning.		
250 2 to 2½ ft.....	42.50	400.00
240 2½ to 3 ft.....	47.50	----
virginiana Canaert.		
Of columnar habit and greenish silver color.		
280 2 to 2½ ft.....	42.50	400.00
200 2½ to 3 ft.....	47.50	450.00
virginiana Cupressifolia.		
Resembles Canaerti in color and form but grows faster.		
220 3 to 3½ ft.....	55.00	500.00
140 3½ to 4 ft.....	62.50	575.00
virginiana glauca.		
Very blue-gray leaves.		
130 2 to 2½ ft.....	42.50	400.00
virginiana Hill Dundee.		
Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.		
200 3½ to 4 ft.....	62.50	600.00
70 4 to 4½ ft.....	70.00	----

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

Per 10 Per 100

virginiana Keteleer.

Compact pyramidal form with ascending branches and dark green scale-like foliage.

40	2 to 2½ ft.	\$42.50	\$
26	2½ to 3 ft.	47.50	----
30	3 to 3½ ft.	55.00	----
140	4 to 4½ ft.	70.00	675.00

virginiana Pyramid.

A green foliated variety of excellent pyramidal habit.

100	2 to 2½ ft.	42.50	400.00
80	2½ to 3 ft.	47.50	450.00

PINUS

nigra. Austrian Pine. 60-70 feet. Zone 2.

Remarkably robust, spreading tree. Leaves long, stiff and dark green. Used extensively in cities as it is not affected by gasses and smoke.

440	2 to 3 ft.	40.00	----
70	3 to 4 ft.	60.00	----

THUJA

occidentalis globosa. Globe Arborvitae. 3 feet.

Popular globe type for sun or shade.

170	12 to 15 in.	15.00	----
270	15 to 18 in.	20.00	175.00
60	18 to 24 in.	25.00	----

occidentalis Little Champion. 20-36 inches. Zone 2.

A superb new evergreen originating in Canada. Grows thick and bushy without shearing. Rich, bright green foliage is lacy and soft. Very hardy.

370	15 to 18 in.	20.00	175.00
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occidentalis Pyramidal. Pyramidal American Arborvitae.

Foliage of rich green. Narrow, pyramidal habit.

110	18 to 24 in.	25.00	----
760	2 to 2½ ft.	30.00	275.00
320	2½ to 3 ft.	32.50	300.00
40	3½ to 4 ft.	42.50	----
200	4 to 5 ft.	47.50	450.00
40	5 to 6 ft.	55.00	----

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 a minimum order for potted liners.

Per 100 Per 1000

ACER

platanoides. Norway Maple. 1 year seedlings.

500	4 to 6 in.	\$ 4.50	\$ 28.00
1600	6 to 9 in.	5.50	35.00
1400	9 to 12 in.	7.00	50.00
1000	12 to 18 in.	8.00	60.00

rubrum. Red Maple. 1 year seedlings.

1200	6 to 9 in.	6.00	40.00
1400	9 to 12 in.	8.00	60.00
4000	12 to 18 in.	9.00	80.00

ARONIA. Red Chokeberry.

arbutifolia. 1 year seedlings.

100	9 to 12 in.	8.00	-----
100	12 to 18 in.	10.00	-----
250	18 to 24 in.	12.50	-----

CALLICARPA

dichotoma. Purple Beautyberry. 1 year seedlings.

100	12 to 18 in.	10.00	-----
1100	18 to 24 in.	12.50	100.00
600	2 to 3 ft.	16.00	150.00

CARAGANA. Siberian Peashrub.

35000	6 to 12 in.	2.10	18.00
3500	12 to 18 in.	3.50	30.00

CERCIS. canadensis. Eastern Redbud.

2500	6 to 12 in.	4.50	40.00
10000	18 to 24 in.	12.00	100.00
4000	2 to 3 ft.	16.00	140.00

CORNUS

florida. Flowering Dogwood. 1 year seedlings.

500	6 to 12 in.	5.00	45.00
1700	18 to 24 in.	8.00	75.00
2100	2 to 3 ft.	11.00	100.00

stolonifera. Redosier Dogwood. 1 year seedlings.

1000	9 to 12 in.	4.50	35.00
3600	12 to 18 in.	6.50	60.00
2200	18 to 24 in.	8.50	80.00

JUGLANS

nigra. Black walnut. 2 year seedlings.

1500	2 to 3 ft.	9.00	80.00
1200	3 to 4 ft.	10.00	90.00
680	4 to 5 ft.	16.00	140.00

MALUS

Apple Seedlings. Washington Grown.

30000	No. 1, 3/16 to 1/4 in. Branched	4.10	36.00
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LINING OUT STOCK—Continued

		Per 100	Per 1000
MORUS			
tatarica. Russian Mulberry. 1 year seedlings.			
550 6 to 12 in.	\$ 1.80	\$ 15.00	
2400 12 to 18 in.	2.50	20.00	
4000 18 to 24 in.	3.50	30.00	
1100 2 to 3 ft.	4.50	40.00	
POPULUS			
Carolina and Norway Poplar. 1 yr. hardwood cuttings.			
1000 5 to 6 ft.	21.00	180.00	
600 6 to 8 ft.	28.00	240.00	
Lombardy Poplar. 1 year hardwood cuttings.			
9000 4 to 5 ft., lightly branched	14.00	120.00	
8500 5 to 6 ft., lightly branched	21.00	180.00	
1400 6 to 8 ft., lightly branched	28.00	240.00	
QUERCUS			
borealis. Northern Red Oak. 1 and 2 year seedlings.			
1400 9 to 12 in.	7.00	60.00	
palustris. Pin Oak. 1 and 2 year seedlings.			
3000 18 to 24 in.	14.00	120.00	
4000 2 to 3 ft.	22.50	200.00	
1000 3 to 4 ft.	33.00	300.00	
SYRINGA			
Josikaea. Hungarian Lilac. 2 year seedlings.			
500 12 to 18 in. seedlings	8.50	75.00	
4200 18 to 24 in. seedlings	12.00	100.00	
3200 2 to 3 ft. seedlings	15.00	135.00	
villosa. Late Lilac. 1 and 2 year seedlings.			
7800 6 to 9 in.	4.00	35.00	
12000 9 to 12 in.	6.50	60.00	
200 12 to 18 in.	8.50	75.00	
500 18 to 24 in.	12.00	100.00	
vulgaris. Common Purple Lilac. 1 year seedlings.			
2300 6 to 9 in. seedlings	3.00	25.00	
5200 9 to 12 in. seedlings	4.00	35.00	
1800 12 to 18 in. seedlings	6.50	60.00	
400 18 to 24 in. seedlings	8.50	75.00	
ULMUS			
pumila. Siberian Elm. 1 and 2 year seedlings.			
2000 3 to 4 ft. Root pruned	7.00	60.00	
6800 4 to 5 ft. Root pruned	12.00	100.00	
500 5 to 6 ft. Root pruned	19.00	160.00	
VIBURNUM			
dentatum. Arrowwood. 1 year seedlings.			
3800 9 to 12 in.	9.00	75.00	
9500 12 to 18 in.	12.00	100.00	
5600 18 to 24 in.	16.00	140.00	
lantana. Wayfaringtree Viburnum. 1 and 2 year seedlings.			
400 9 to 12 in.	7.00	65.00	
300 12 to 18 in.	9.00	75.00	
2800 18 to 24 in.	12.00	100.00	
3000 2 to 3 ft.	16.00	140.00	

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.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

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	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00

RED SHADES

	No. 1	No. 1½
Ami Quinard, (6.3) 2 F. Dark velvety crimson, almost black.	240	280
Charlotte Armstrong, (9.0) 3 F. Long pointed bud. Double spectrum red to cerise blooms on long stems. Vigorous compact bush.	960	----
Crimson Glory, (9.1) 3 V. Large, double, deep velvety crimson with shadings.	1000	----
Christopher Stone, (8.1) 2 F. Vivid-scarlet, free blooming plant.	3600	900
Etoile de Hollande, (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering.	500	----
McGredy's Scarlet, (7.5) 2 S. Crimson scarlet with orange base and upper portion of petals deep crimson. Rich glossy foliage.	700	200
Poinsettia, (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer.	1680	200
Red Radiance, (7.9) 3 V. Bright rosy red, free blooming.	3800	190

PINK SHADES

Editor McFarland, (7.1) 2 V. Large double, glowing pink blooms with slight yellow tinge.	3200	380
Picture, (8.0) 2 S. Clear rose-pink. Large and double.	2100	----
Pink Dawn, (7.1) 2 V. Deep rose-pink. Large and double.	1300	490
Pink Radiance, (7.9) 3 V. Large rose-pink. Long stems. Dependable. ..	1670	80
The Doctor, (7.6) 2 V. The buds are long and pointed; enormous blooms of satiny pink.	400	1000

TWO-TONED SHADES

	No. 1	No. 1½
Good News, (8.4) 3 F. Very double coppery-pink blooms on erect stems. Long lasting cut flower.	1000	100
Mme. Joseph Perraud, (7.0) 2 F. Large double blooms of yellow with deep copper tint at center.	360	850
Pres. Herbert Hoover, (7.7) 3 F. Varying orange shades with lighter outside petals. Double.	2100	1000
Talisman, (6.5) 3 F. Golden yellow and copper blooms on long stems.	1690	----

WHITE SHADES

	No. 1	No. 1½
K. A. Viktoria, (6.7) 3 S. Very double, snow white, lemon tinted center.	580	430
McGredy's Ivory, (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.	1700	100
Mme. Jules Bouche, (7.0) 2 F. White with pale bluish center. Persistent bloomer.	1860	250
Pedralbes, (7.4) 2 S. Cream turning to pure white. Large, double.	1500	700

ROSES—Continued

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
		No. 1	No. 1½
Alain , (7.7) 2 S. Medium sized semi-double flower of bright carmine red in clusters. Glossy dark foliage. Upright, bushy plant.		360	450
Betty Prior , (9.0) 3 F. Large bloom clusters of delicate pink with spicy fragrance cover the plant from June throughout the season.		200	50
Cameo , (7.8) Clusters of salmon-pink turning orange-pink, blooms continuously.		950	---
Charlie McCarthy , (6.5) 1 F. Clusters of creamy white buds and double white blooms. 18 inches. Fine for borders.		700	---
Dagmar Spaeth , (8.2) 2 F. Alabaster white, edged pink.		1200	500
Else Poulsen , (7.6) 3 S. Splendid bright rose-pink flowers of large size.		600	200
Eutin , (8.6) 2 S. Immense clusters of double, carmine-red flowers. Vigorous grower. Mildew resistant bush. Continuous bloomer. ..		3000	590
Floradora , (8.2) 3 S. Scarlet and geranium red floribunda producing double 50 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.		2400	300
Frensham , (8.6) 2 S. Deep unfading scarlet in large trusses. Semi-double. Free blooming.		850	540
Garnette , (7.8) 2 S. Garnet-red with light lemon yellow base. Double.		1000	600
King Boreas , (6.9) 2 F. Very double, pure yellow shading to nearly white. Recurrent bloomer. Hardy.		770	330
Lafayette Improved , (7.8) 2 S. Large flowers of bright cherry-crimson		2300	550
Lipstick , () 3 S. Deep cerise shaded salmon in clusters on long stems.		190	120
Permanent Wave , (8.1) 3 S. Bright carmine, semi-double flowers in clusters. Edges of petals wavy.		360	170
Pinocchio , (7.8) 2 F. Blooms double, pink suffused salmon in long sprays.		1000	700
Poulsen's Bedder , (7.4) 1 S. Produces masses of large slightly ruffled flowers of a clear rich pink. Long lasting.		1270	140
Red Ripples , (7.7) 2 S. Immense clusters of flowers opening oxblood red to carmine.		700	240
Rosenelfe , (8.2) 2 F. Double, LaFrance pink flowers in clusters on long, strong stems.		400	160
World's Fair , (8.0) 2 F. Blooms in large clusters of deep crimson fading to scarlet.		1300	1060

CLIMBERS and RAMBLERS

	Per 10	Per 100
Cl. Blaze , () Everblooming. An improved strain that blooms throughout the summer. Produces brilliant scarlet red flowers of large size.		
400 No. 1	\$ 7.00	\$ 65.00
250 No. 1½	6.00	55.00
Cl. Doubloons , (7.1) F. Double, rich gold, fragrant flowers in clusters on strong stems.		
200 No. 1	6.50	60.00
330 No. 1½	5.50	50.00
Climbing Hybrid Tea		
No. 1	7.00	65.00
No. 1½	6.00	55.00
	No. 1	No. 1½
Cl. Pink Radiance , () Rose pink.	300	170
Cl. Red Radiance , () Light red.	350	480
Mary Wallace , (7.8) F. Semi-double rose-pink. Rich green foliage. Profuse seasonal bloomer.		
100 No. 1	6.00	55.00
100 No. 1½	5.00	45.00

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.**

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Applause, (7.8) 2 S. Patent No. 829. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Light red buds slowly open to perfectly shaped fifty-petaled blooms.				
400 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
300 No. 1½	1.00	.90	.85	----
Bingo, (7.5) 3 F. Patent No. 1392. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Lovely roses in bud and full bloom. Fully double blooms of cardinal red. Abundant, large, leathery green foliage.				
150 No. 1	1.25	1.12½	----	----
100 No. 1½	1.00	.90	----	----
Blanche Mallerin, (7.1) 2 F. Patent No. 594. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Long shapely buds and beautifully molded blooms of pure satiny white are produced freely on a vigorous and upright bush. Sweetly fragrant.				
450 No. 1	1.10	1.00	.95	.85
430 No. 1½	.88	.80	.76	.68
Burnaby, (8.1) 2 S. Patent No. 1314. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Double light yellow exhibition blooms of excellent form. Vigorous, bushy plants. Disease resistant.				
300 No. 1	1.40	1.25	1.20	1.10
260 No. 1½	1.12	1.00	.96	----
Capistrano, (7.4) 3 F. Patent No. 922. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Bright pink buds and blooms. Flowers are large and double, 6 inches. Leathery foliage on vigorous upright plant.				
380 No. 1	1.10	1.00	.95	.85
260 No. 1½	.88	.80	.76	.68
Debonair, (6.8) 2 F. Patent No. 677. Retail \$2.25 ea.; 3 or more \$2.00 ea.) Ovoid buds open to large, double primrose yellow blooms with a tea fragrance. Dark glossy foliage on a vigorous upright plant.				
600 No. 1	1.25	1.12½	1.05	.95
330 No. 1½	1.00	.90	.84	.76
First Love, (8.0) 3 S. Patent No. 921. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Long tapering buds of pale dawn pink open slowly to a long lasting bloom that is tinted with shades of salmon, orchid and rose.				
400 No. 1	1.25	1.12½	1.05	.95
630 No. 1½	1.00	.90	.84	.76

ROSES—Continued

PATENTED HYBRID TEA—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Fort Vancouver, (7.2) 3 V. Patent No. 994 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Large exhibition-type blooms on strong upright plant. Medium pink. Disease resistant foliage.					
190 No. 1	-----	\$1.40	\$ 1.25	\$ ---	\$ ---
230 No. 1½	-----	1.12	1.00	---	---
Forty-Niner, (6.8) 2 S. Patent No. 792 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient red, while the outside is a chrome yellow, changing to straw yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals.					
700 No. 1½	-----	1.12	1.00	.96	.88
Fred Howard, (6.6) 2 S. Patent No. 1006. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large, double bloom of golden orange with pink shadings. Strong, upright plant. Long blooming period.					
150 No. 1	-----	1.10	1.00	---	---
100 No. 1½	-----	.88	.80	---	---
Gail Borden, (7.7) 2 F. Patent No. 1618 (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Pink interior with apricot-yellow outside. Beautiful bud and flower form. Rugged, glossy foliage is disease resistant.					
440 No. 1	-----	1.65	1.50	---	---
Golden Scepter, (7.3) 3 F. Patent No. 910. (Retail \$1.85 ea.; 3 or more \$1.65 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.					
180 No. 1	-----	1.05	.92½	.85	---
200 No. 1½	-----	.84	.74	.68	---
Golden Wings, (8.3) 3 S. Patent No. 1419. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Single light yellow rose borne on a hardy plant that is ideal for hedge or shrub border. Prolific bloomer. Glossy, disease resistant foliage. One of the finest single yellows.					
240 No. 1	-----	1.40	1.25	1.20	1.10
190 No. 1½	-----	1.12	1.00	.96	---
Helen Traubel, (8.7) 3 F. Patent No. 1028. (Retail \$2.75 ea.; 3 or more \$2.40 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.					
330 No. 1½	-----	1.20	1.10	1.04	.96

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Katherine T. Marshall, (7.2) 3 S. Patent No. 607 (Retail \$1.85 ea.; 3 or more \$1.65 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.				
100 No. 1	\$1.05	\$.92½	\$----	\$----
170 No. 1½	.84	.74	----	----
Love Song, (6.5) 2 V. Patent No. 1360. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Upright plant with deep green waxy leaves.				
70 No. 1	1.40	1.25	----	----
770 No. 1½	1.12	1.00	.96	.88
Lowell Thomas, (7.7) 2 F. Patent No. 595. (Retail \$2.25 ea.; 3 or more \$2.00 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.				
240 No. 1	1.25	1.12½	1.05	.95
380 No. 1½	1.00	.90	.84	.76
Mark Sullivan, (7.4) 2 F. Patent No. 599 (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Huge golden yellow flowers veined and shaded rose pink and cerise. Honey fragrance. Rich, leathery, glossy foliage.				
770 No. 1	1.00	.87½	.80	.75
300 No. 1½	.80	.70	.64	.60
Mirandy, (7.7) 3 V. Patent No. 632. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.				
320 No. 1½	1.00	.90	.84	.76
Mission Bells, (7.8) 3 F. Patent No. 923. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Deep glowing salmon, which opens to a clear shrimp pink color long lasting and sun-resistant. Plant is 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.				
130 No. 1	1.10	1.00	.95	---
300 No. 1½	.88	.80	.76	.68
Nocturne, (8.1) 3 V. Patent No. 713 (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
500 No. 1½	1.00	.90	.84	.76

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Paramount, (7.8) 2 S. Patent No. 984. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) A double rose with buds and blooms of salmon pink tinted with rose and peach. Tall, strong, bushy plant.				
270 No. 1	\$1.10	\$ 1.00	\$----	\$----
190 No. 1½	.88	.80	----	----
Peace, (9.6) 3 S. Patent No. 591. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Ovoid buds are 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 flowers slowly open to glorious 5 inch blooms. A.A.R.S. award for 1946.				
1300 No. 1	1.40	1.25	1.20	1.10
900 No. 1½	1.12	1.00	.96	.88
Peaceful, (6.6) 2 F. Patent No. 1599. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Very large bud. Very large full bloom of rose pink suffused with gold. Borne several together. Leathery foliage is disease resistant. Vigorous, upright growing plant.				
90 No. 1	1.40	1.25	---	---
240 No. 1½	1.12	1.00	.96	---
President Eisenhower, (6.7) 2 V. Patent No. 1217. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Large, dark red unfading flowers are borne singly on sturdy canes. Free bloomer.				
150 No. 1	1.25	1.12½	1.05	---
800 No. 1½	1.00	.90	.84	.76
Rose Marie Reid, (7.6) 2 F. Patent No. 1487. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fragrant, dawn pink blooms borne in profusion on long stems. Deep green foliage. Disease resistant.				
300 No. 1	1.40	1.25	1.20	1.10
230 No. 1½	1.12	1.00	.96	---
Show Girl, (7.6) 2 F. Patent No. 646. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.				
300 No. 1	1.25	1.12½	1.05	.95
800 No. 1½	1.00	.90	.84	.76
Sun Valley, (6.5) 2 V. Patent No. 1135 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Golden yellow flowers hold brilliant tone in open blooms and are borne profusely throughout the season on tall straight stems. Shining dark green foliage is disease resistant.				
250 No. 1	1.40	1.25	1.20	---
100 No. 1½	1.12	1.00	---	---

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Sutters Gold, (8.1) 3 V. Patent No. 885 (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Beautiful long-point, 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.				
120 No. 1	\$1.25	\$ 1.12½	\$.---	\$.---
520 No. 1½	1.00	.90	.84	.76
Volcano, (7.5) 3 F. Patent No. 951. (Retail \$1.85 ea.; 3 or more \$1.65 ea.) Huge blooms that open as much as 7 inches across. Cherry red flowers slowly soften to rose pink. Dark green foliage.				
150 No. 1	1.05	.92½	.85	---
100 No. 1½	.84	.74	---	---

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
High Noon, (7.9) S. Patent No. 704. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Lemon yellow loosely cupped blooms of 25 to 30 petals produce a delicate, spicy fragrance. Upright, vigorous climber. Leathery, glossy foliage.				
390 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$.---
200 No. 1½	1.12	1.00	.96	---
Cl. Pinkie, (8.0) Patent No. 1076. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long, slender pink buds open to 2 inch flowers on individual stems. Continuous bloomer.				
300 No. 1	1.50	1.25	1.20	---
140 No. 1½	1.20	1.10	1.04	---

PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Chatter, (7.3) 1 F. Patent No. 738. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Immense bright crimson flower clusters, continuously in bloom; velvety firm petals.				
230 No. 1	\$.90	\$.75	\$.70	\$.---
500 No. 1½	.72	.60	.56	.52
Circus, (7.9) 2 F. Patent No. 1328. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage. A.A.R.S. Award for 1956.				
620 No. 1	1.40	1.25	1.20	1.10
130 No. 1½	1.12	1.00	.96	---

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Embers, (6.5) Patent No. 1178. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Brilliant scarlet blooms age to a darker color. 3 to 4 feet tall. Thick glossy leaves.				
140 No. 1	\$1.10	\$ 1.00	\$ ----	\$ ----
100 No. 1½	.88	.80	----	----
Fashion, (8.9) 2 F. Patent No. 789. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Brilliant coral-peach flowers open with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. Award for 1950.				
260 No. 1½	.88	.80	.76	----
Fire King, () Patent No. 1758 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Tall growing floribunda with perfectly formed, brilliant vermilion flowers measuring from two to three inches across. Deep red buds open to brighter blooms of 45 to 50 petals, which form heavy clusters. Strong grower with dark green foliage. A. A. R. S. winner 1960.				
200 No. 1	1.40	1.25	----	----
670 No. 1½	1.12	1.00	----	----
Frolic, (7.9) 2 S. Patent No. 1179. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Medium sized compact plant covered with clear pink blooms. A perfect Floribunda for hedges, borders or show.				
760 No. 1	1.10	1.00	.95	.85
570 No. 1½	.88	.80	.76	.68
Fusilier, (7.8) Patent No. 1709. (Retail \$2.50 ea.; 3 or more \$2.20 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. 1953 A.A.R.S. Award.				
300 No. 1	1.40	1.25	1.20	1.10
420 No. 1½	1.12	1.00	.96	.88
Gold Cup, (7.4) Patent No. 1683. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1953 A.A.R.S. Award.				
40 No. 1	1.40	1.25	----	----
300 No. 1½	1.12	1.00	.96	.88
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.				
800 No. 1	1.00	.87½	.80	.75
1200 No. 1½	.80	.70	.64	.60
Independence, (8.2) 2 F. Patent No. 1036. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Clusters of large double blooms of spectrum-red. Dark, glossy foliage on well branched plants.				
700 No. 1	1.00	.87½	.80	.75
540 No. 1½	.80	.70	.64	.60

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Jiminy Cricket , (7.5) 2 V. Patent No. 1346. (Retails \$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.				
80 No. 1	\$1.10	\$ 1.00	\$ ----	\$ ----
500 No. 1½	.88	.80	.76	.68
Little Darling , (8.5) 2 F. Patent No. 1581. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Red orange on the outside changing to rose pink tones with buttercup yellow at center. Fine for corsages. Tall, bushy plant. Reddish-green foliage.				
150 No. 1	1.10	1.00	----	----
Ma Perkins , (7.9) 2 V. Patent No. 1143. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Shades of red in the outer petals change to an open bloom of coral shell pink. A suffusion of yellow is present in all stages. Fragrant 25 petal blooms in clusters and singly all season.				
100 No. 1	1.10	1.00	----	----
170 No. 1½	.88	.80	.76	----
Masquerade , (7.8) 3 S. Patent No. 975. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Bloom clusters of yellow, red, pink, lemon and orange, 25 to 30 blooms per stem. Golden yellow center bud in each cluster opens first becoming rose pink and deepening to red.				
100 No. 1	1.10	1.00	----	----
60 No. 1½	.88	.80	----	----
Red Pinocchio , (8.8) 2 F. Patent No. 812. (Retails \$1.75 ea.; 3 or more \$1.55 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Vigorous; prolific bloomer.				
400 No. 1	1.00	.87½	.80	.75
300 No. 1½	.80	.70	.64	.60
Sarabande , () Patent No. 1761. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Semidouble blooms of unique scarlet orange and somewhat larger than those of most floribundas, bearing twelve to fifteen petals. Low growth habit and compact form make a suitable plant for hedges and border edgings. Blooms early and continuously throughout the season. A.A.R.S. Award Winner for 1960.				
300 No. 1	1.40	1.25	----	----
400 No. 1½	1.12	1.00	----	----
Starlet , () Patent No. 1694. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Bud small and long-pointed. Yellow clustered, very double, high-centered flower with slight fragrance. Dark green leaves are leathery, glossy and disease resistant. Strong growing, (2-3 feet), compact, upright plant. Abundant bloom continuously.				
190 No. 1	1.40	1.25	1.20	----
110 No. 1½	1.12	1.00	----	----

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
The Texan, (8.0) 3 V. Patent No. 1471. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.				
270 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
150 No. 1½	1.12	1.00	.96	----
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.				
250 No. 1	1.10	1.00	.95	.85
600 No. 1½	.88	.80	.76	.68

PATENTED GRANDIFLORA ROSES

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

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Carrousel, (9.0) 3 F. Patent No. 1066. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.				
350 No. 1½	\$.88	\$.80	\$.76	\$.68
Dean Collins, (6.9) 2 S. Patent No. 1279. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Light red, large, open flower. Long lasting, double blooms. Excellent for cutting. Well formed disease resistant plant.				
230 No. 1	1.10	1.00	.95	----
200 No. 1½	.88	.80	.76	----
Montezuma (8.5) 3 S. Patent No. 1383. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long buds of bright scarlet-orange slowly change to an attractive salmon-orange as large double blooms unfold. Flowers in long-stemmed clusters. Free blooming.				
250 No. 1½	1.20	1.10	1.04	----
Roundelay, (8.0) 3 F. Patent No. 1280. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fine buds open into full high centered blooms of vivid red. Free bloomer in clusters with stout stems long enough for cutting. Delightfully fragrant. Vigorous upright plant with dark green foliage. Disease resistant.				
190 No. 1	1.40	1.25	1.20	----
200 No. 1½	1.12	1.00	.96	----

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	100-250 Each
Curly Pink, (7.8) 3 F. Patent No. 842. (Retail \$1.85 ea.; \$18.00 per doz.) Large, very double deep rose-pink blooms borne profusely on a dwarf compact bush with dark glossy foliage.			
60 No. 1	\$1.00	\$.90	\$----
350 No. 1½	.80	.72	.68
Lily Pons, () 3 F. Patent No. 420. (Retail \$1.85 ea.; \$18.00 per doz.) Large, high-centered, spectrum-yellow center shading to white on outer petals. Long strong stems. Glossy foliage. Vigorous, profuse bloomer.			
400 No. 1	1.00	.90	.85
540 No. 1½	.80	.72	.68
Queen o' the Lakes, (7.6) 2 F. Patent No. 1003. (Retail \$1.85 ea.; \$18.00 per doz.) Large, double flowers of blood-red to carmine. Glossy foliage on a dwarf bushy plant.			
100 No. 1	1.00	.90	.85
500 No. 1½	.80	.72	.68

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.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root.

	Per 10	Per 100
AQUILEGIA, Columbine. May-June.		
Chrysanth, best long-spurred golden yellow flowers, 2½ ft. Late.	\$ 2.10	\$ 18.00
Crimson Star, large flowers of the most striking crimson with white corola. 24 in.	2.10	18.00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.	1.80	15.00
Lavender and Blue Shades, long spurred flowers. 2 ft.	1.80	15.00
Rose Queen, rose with white corolla. 18 in.	1.80	15.00
Silver Queen, long spurred. Silvery white.	1.80	15.00

CHRYSANTHEMUMS

For spring delivery, we reserve the right to supply well-finished heavily rooted 2¼ inch pot plants.

	Per 10	Per 100
Alert. Best early purple. 3 inch double blooms that do not fade.		
Mid September. 2 feet.	\$ 1.80	\$ 15.00
Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early	1.80	15.00
Apache. Huge cactus-Dahlia type flowers of oriental or tomato red. Weather resistant flowers of 4 to 5 inches in diameter. Mid-September until heavy frost. 20 inches.	1.80	15.00
Butterball, double, ball-like dark lemon yellow. Mid-August. 18 inch plant.	2.10	18.00
Chippewa, double blooms of bright aster-purple. Hardy. Early.	2.10	18.00
Courageous, large, double flowers to 3½ inches. Dark ruby-red Late.	2.10	18.00
Early Harvest, double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches.	2.10	18.00
Fairbow, double, lavender pink, heavy blooming pompon. Early. ..	2.10	18.00
Glacier, double blooms of pure glistening white. Compact plant. Early. 16 inches.	2.10	18.00
Golden Mound, golden blooms on an excellent cushion type plant. Early. 18 inches.	2.40	20.00
Indiana, double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches.	2.40	20.00

HARDY PERENNIAL PLANTS—Continued

CHRYSANTHEMUMS—Continued

	Per 10	Per 100
Magnificent, unusual rosy cardinal blooms on a fine plant. Mid-season.	\$ 2.10	\$ 18.00
Maroon 'N' Gold. Rich 4 inch blooms of mahogany-bronze, red and gold. September 8. 2 feet.	2.10	18.00
Pathfinder. Double. Carnation-flowered clear yellow. Very frost tolerant. September 5. 20 inches.	2.10	18.00
Pink No. 1092, lavender-pink upturned petals. Midseason. 18 in.	2.10	18.00
Plainsman, double carnation flowered Mum of cinnamon red with bronze. Late.	2.10	18.00
Purple Star, bright dahlia purple flowers of star-like shape. Early. 2 feet.	2.10	18.00
Red Gold. Vivid bronzy-red pompom. Late August. 20 inches. ..	2.10	18.00
September Bronze, golden bronze pompon. Late. 12 inches.	2.10	18.00
White Cloud, vigorous pure white with a touch of pink at the center. Midseason.	2.90	25.00
Yellow Avalanche, large, double, yellow Sport of Avalanche. Mid-season. 18-24 inch.	2.90	25.00

CHRYSANTHEMUMS — CUSHIONS

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.

Bronze Cushion, double flowers in compact mounds of bronze and copper.	1.80	15.00
Pink Cushion, masses of light pink flowers in broad mounds. ..	1.80	15.00
Purple Cushion, perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers.	2.40	20.00
Red Cushion, a splendid improved early crimson red.	1.80	15.00
White Cushion, double white flowers.	1.80	15.00
Yellow Cushion, pure golden yellow blooms that last well.	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.

Alaska Supreme, shapely plants, large flowers. June-July.	1.20	10.00
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DIANTHUS BARBATUS, Old Fashioned Sweet William.

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

Newport Pink, rich salmon pink. This variety being grown from seed is always partly mixed.	1.40	12.00
Purple Beauty	1.40	12.00
Scarlet Beauty. 18 inches.	1.40	12.00
White	1.40	12.00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
DICENTRA, Bleeding Heart.		
<i>eximia</i> , pink flowers. Fern leaves.	\$ 2.10	\$ 18.00
<i>spectabilis</i> , an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in. Undivided plants. 3 to 5 eye.	4.50	40.00
FUNKIA, Hosta, Plantain Lily.		
<i>lancifolia</i> , green foliage, lilac flowers. July-Aug. 18 in.	1.80	15.00
GAILLARDIA		
Burgundy, rich wine-red; excellent for cutting. 18 to 24 inches. ..	1.80	15.00
Dazzler, large golden and maroon flowers on strong stems. 18 inches.	1.80	15.00
HEMEROCALLIS, Day Lily.		
<i>Flava</i> , clear lemon-yellow, sweet scented, profuse. June. 2½ ft.	1.40	12.00
<i>Hyperion</i> , popular yellow with very large slightly fragrant flowers. Prolific bloomer. Mid-July to August. 3 feet.	3.20	30.00
LATHYRUS, Everlasting Sweet Pea.		
<i>latifolium</i> , a lovely trailing plant that blooms all summer. Pink or Red. Separate colors. 3 ft.	1.40	12.00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips	.40	3.50
Clumps (10 pips each)	2.90	25.00
LYTHRUM		
The Beacon, for small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally well in wet semi-shade and open, dry sun. July to frost.	2.10	18.00
Morden Rose, a neat compact plant of abundant dark green foliage. Rich rose red blooms in spikes to 4 feet.	3.50	30.00

PHLOX — Paniculata

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

	Per 10	Per 100
Antoinette Six, unusually large heads of pure white.	\$ 1.80	\$ 15.00
Border Queen, a fine gleaming rich pink.	1.80	15.00
B. Symone Jenne, large heads of clear pink.	2.10	18.00
Charles Curtis, brilliant sunset red. 2½ ft. Color does not fade.	2.10	18.00
Lillian, pure pink without any trace of magenta or rose. Very large florets. Blooms profusely.	1.80	15.00

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

	Per 10	Per 100
Pinkette, large florets of soft, delicate pink.	\$ 2.10	\$ 18.00
Prime Minister, pure white and distinct crimson eye.	1.80	15.00
Progress, superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2.10	18.00
Purple Heart, brilliant deep blue-purple, darker center with cream colored anthers.	2.10	18.00
World Peace, pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best white.	2.50	20.00
PLATYCODON, Balloon Flower. June and July. 18 inch. Blue.	1.40	12.00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
hybridum roseum, soft pink and rose shades, single.	1.40	12.00
Robinsons Dark Crimson, flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	2.10	18.00
SALVIA (Sage)		
officinalis, edible, especially valuable for seasoning. 2 ft.	1.20	10.00
TEUCRIUM, Germander		
Chamaedrys, popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage.	2.50	22.50

MEXICAN TUBEROSES

This is the best of all Tuberoses. Single flowering and very fragrant.
Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1	\$.80	\$ 7.50	\$ 65.00

Lilies**Domestic Grown**

	Per 10	Per 100
tenuifolium (Coral Lily) Narrow-leaved; deep scarlet, waxen re- curved flowers. June. 15 in.		
No. 1	\$ 1.00	\$ 8.00
No. 2	.70	6.00

WOOD BOXING CHARGES

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