Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

The Shenandoah Nurseries (LAKES)

Shenandoah, Iowa

WHOLESALE TRADE LIST

August 11, 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
	S. Summer	F. Fall	W. Winter		
Anoka	S	Red Striped	do Melba	F	Yellow & Red
Baldwin	W	Red	do Minjon	W	Dark Red
Beacon	S	Dark Red	do Monroe	W	Red
Cortland	W	Red Striped	do Northern Red Spy	W	Red
Delicious Dark Red	W	Red	do N. W. Greening	W	Green
Delicious Yellow	W	Yellow	do Prairie Spy	W	Red
do Dolgo	F	Red	do Red June	S	Red
Duchess Dark Red	S	Red	do Redwell	W	Red
Early Harvest	S	Yellow	do Rhode Island Greening	W	Green
Fameuse	W	Red Striped	do Roman Stem	F&W	Yellow
Fireside	W	Red	do Rome Beauty Red	W	Red
Grimes Golden	W	Yellow	do Sharon	W	Red
Haralson	W	Red	do Stayman Dark Red	W	Red
do Hibernal	F	Red Striped	do Tolman Sweet	W	Yellow
Hyslop	F	Deep Crimson	do Turley	W	Red
Idared	W	Red	do Victory	W	Red
Joan	W	Red	do Virginia Crab	F	Red Striped
Jonathan Dark Red	W	Red	do Wealthy	F	Red
Lodi	S	Yellow	do Whitney Crab	F	Red Striped
Maiden Blush	F	Yellow	do Winesap Crimson	W	Red
McIntosh Dark Red	W	Red	do Winesap Dark Red	W	Red
McIntosh Early	F&W	Red	do Yellow Horse	W	Yellow
			do Yellow Transparent	S	Yellow

APPLE

New and Patented Varieties

CONNELL RED

Plant Patent No. 1602

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

	10-29	30-99	100-up
	Each	Each	Each
4½ ft. and up, 11/16 in. and up	\$ 1.65	\$ 1.50	\$ 1.40
4 ft. and up, 9/16 to 11/16 in.	1.35	1.20	1.12
3 ft. and up, 7/16 to 9/16 in.	1.10	1.00	
SUGGESTED RETAIL	EACH	Per 3	Per 12
		Each	Each
11/16 in.	\$ 3.00	\$ 2.75	\$ 2.50
9/16 in.	2.50	2.25	2.00
7/16 in.	2.00	1.80	1.60
			1.35
			1.10

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	Per 100
	Each	Each
4½ ft. and up, 11/16 in. and up	\$ 1.10	\$ 1.00
4 ft. and up, 9/16 to 11/16 in.	.90	.80
3 ft. and up, 7/16 to 9/16 in.	.70	.65
2 ft. and up, 5/16 to 7/16 in.	.60	.55

APPLE — DWARF

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

ONE YEAR		Per 10	Per 100
4 ft. and up, 11/16 in. and up	-----	\$19.00	\$175.00
3½ ft. and up, 9/16 to 11/16 in.	-----	16.50	150.00
2½ ft. and up, 7/16 to 9/16 in.	-----	14.00	125.00
2 ft. and up, 5/16 to 7/16 in.	-----	10.00	90.00
Anoka	Delicious Yellow	McIntosh Dark Red	Yellow Transparent
Beacon	Fireside	Stayman Dark Red	
Delicious Dark Red	Jonathan	Wealthy	

APPLE — QUINTUPLET

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

	Delicious Dark Red McIntosh Dark Red	Stayman Dark Red	Yellow Delicious Yellow Transparent	
			Per 10	Per 100 Per 1000
Three Years, 1 in. and up	-----	-----	\$25.00	\$225.00 \$ ----
Three Years, 11/16 to 1 in.	-----	-----	20.00	185.00 1600.00
Three Years, 9/16 to 11/16 in.	-----	-----	18.00	165.00 ----
Three Years, 7/16 to 9/16 in.	-----	-----	16.00	--- ----

Available on either Beacon, Fireside or Yellow Delicious

DWARF QUINTUPLET APPLE

Our dwarf 5-N-1 apples are budded on 2 year grafts and then grown for one year. Budded on Red Delicious with the following varieties.

	Jonathan Dark Red	McIntosh Dark Red Stayman Dark Red	Yellow Transparent Yellow Delicious	
			Per 10	Per 100
Three Year, 11/16 in. and up	-----	-----	\$25.00	\$225.00
Three Year, 9/16 to 11/16 in.	-----	-----	22.50	200.00
Three Year, 7/16 to 9/16 in.	-----	-----	20.00	175.00
Three Year, 5/16 to 7/16 in.	-----	-----	17.50	150.00

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
11/16 in. and up	\$13.50	\$120.00	\$1100.00
9/16 to 11/16 in.	10.00	90.00	850.00
7/16 to 9/16 in.	7.50	70.00	650.00
5/16 to 7/16 in.	5.50	50.00	450.00

APRICOTS

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	\$13.00	\$120.00	\$ ----
3 ft. and up, 9/16 to 11/16 in.	11.00	100.00	----
2½ 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	----
Chinese Early Golden		Manchu	Moorpark
			Superb

CHERRY — SOUR

ONE and TWO YEAR. Please specify.

	Per 10	Per 100
5 ft. and up, 1 in. and up	\$13.50	\$ ----
4 ft. and up, 11/16 in. and up	12.00	110.00
3½ ft. and up, 9/16 to 11/16 in.	9.50	90.00
3 ft. and up, 7/16 to 9/16 in.	8.00	75.00
2 ft. and up, 5/16 to 7/16 in.	6.00	55.00
Early Richmond		Montmorency

CHERRY—Continued

CHERRY — SWEET

ONE and TWO YEAR. Please specify.

	Per 10	Per 100
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
3 ft. and up, 7/16 to 9/16 in.	11.00	100.00
2 ft. and up, 5/16 to 7/16 in.	8.50	80.00

*Black Tartarian

Kansas Sweet

Yellow Glass

*Governor Wood

*Yellow Spanish

*Available January

CHERRY — IMPROVED BESSEY

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
2 to 3 ft. transplants	\$ 4.00	\$ 35.00	\$300.00
18 to 24 in. transplants	3.50	30.00	250.00
12 to 18 in. transplants	3.00	25.00	200.00

PEACHES

ONE YEAR	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$ 8.50	\$ 80.00	\$750.00
4 ft. and up, 9/16 to 11/16 in.	7.50	70.00	650.00
3 ft. and up, 7/16 to 9/16 in.	6.00	55.00	500.00
2 ft. and up, 5/16 to 7/16 in.	4.50	40.00	350.00
Belle of Georgia	Golden Jubilee	Indian Cling	Mayflower
Champion	Hale Haven	J. H. Hale	Polly
Early Elberta, Sullivan	Heath Cling	Marquette	Red Haven
Elberta			

SUMMERLONG

Plant Patent No. 1503

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

	Per 10	Per 100
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	100.00
3 ft. and up, 7/16 to 9/16 in.	9.00	
2 ft. and up, 5/16 to 7/16 in.	7.50	

PEACH — DWARF

	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	\$15.00	\$135.00
3½ ft. and up, 9/16 to 11/16 in.	11.00	100.00
3 ft. and up, 7/16 to 9/16 in.	8.50	80.00
2 ft. and up, 5/16 to 7/16 in.	7.00	65.00
Belle of Georgia	Elberta	Hale Haven
Early Elberta, Sullivans	Golden Jubilee	J. H. Hale

PEAR — STANDARD

TWO YEAR			Per 10	Per 100	Per 1000
4½ ft. and up,	11/16 to	7/8 in.	\$11.00	\$100.00	\$
4 ft. and up,	9/16 to	11/16 in.	9.00	85.00	800.00
3 ft. and up,	7/16 to	9/16 in.	7.50	70.00	650.00
2 ft. and up,	5/16 to	7/16 in.	5.00	45.00	400.00
Bantam	Douglas	Gorham		Parker	
Bartlett	Duchesse d'Angouleme	Kieffer		Patten	
Beurre de Anjou	Early Seckel	Lincoln		Seckel	
Clapp Favorite	Flemish Beauty	Mendel			
Cope Seedless	Golden Spice	Orient			

PEAR — DWARF

TWO YEAR (Available January)			Per 10	Per 100
4 ft. and up,	11/16 in. and up		\$19.00	\$175.00
3½ ft. and up,	9/16 to 11/16 in.		16.50	150.00
3 ft. and up,	7/16 to 9/16 in.		14.00	125.00
Bartlett	Beurre de Anjou	Clapp Favorite		

QUADRUPLET PEAR

Our 4-N-1 Pear are Shenandoah grown, budded to two year grafts and then grown another year, producing a nice branched tree. Following varieties. Bartlett, Clapp Favorite, Douglas, Kieffer or Seckel. Available on Kieffer or Seckel.

	Per 10	Per 100	Per 1000
Three Years, 1 in. and up	\$19.00	\$175.00	\$1600.00
Three Years, 11/16 to 1 in.	16.50	150.00	1350.00
Three Years, 9/16 to 11/16 in.	14.00	125.00	1100.00
Three Years, 7/16 to 9/16 in.	11.00	100.00	900.00
Three Years, 5/16 to 7/16 in.	8.50	80.00	----

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	800.00
3 ft. and up,	7/16 to 9/16 in.		7.50	70.00	650.00
2 ft. and up,	5/16 to 7/16 in.		5.00	45.00	400.00
Embers	Yellow	Sapa		Purple	
Golden Rod	Yellow	Toka		Red	
Opata	Reddish Purple	Waneta		Red	
Pipestone	Red				

PLUM**EUROPEAN and JAPANESE**

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	800.00
3 ft. and up,	7/16 to 9/16 in.		7.50	70.00	650.00
2 ft. and up,	5/16 to 7/16 in.		5.00	45.00	400.00
Abundance	Red	Lombard		Purplish Red	
Allred	Red	Red June		Red	
Blue Damson	Dark Blue	Reine Claude		Green	
Bruce	Red	Shropshire Damson		Purplish Black	
Burbank	Dark Red	Stanley Prune		Dark Blue	
Italian Prune	Purplish Black				

SMALL FRUITS and MISCELLANEOUS GARDEN PLANTS**ASPARAGUS, Tied 25 per bundle.**

Mary Washington

	Per 100	Per 1000
3 yr. No. 1	\$ 4.50	\$ 40.00
2 yr. No. 1	3.30	30.00
1 yr. No. 1	2.25	20.00

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS—Continued

	Per 100	Per 1000
BLACKBERRY, Tied 25 per bundle.		
Early Harvest , very early.		
No. 1	\$ 6.50	\$ 60.00
Ebony King, new, hardy, heavy producer.		
No. 1	14.00	120.00
BOYSENBERRY		
Thornless, tip plants	8.00	70.00
CURRENT, Tied No. 1, 25; No. 2, 50 per bundle.		
Red Lake, light red berries in long clusters. Thrifty and extremely productive.		
2 yr. No. 1	24.00	200.00
GOOSEBERRY, Tied 25 per bundle.		
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
2 yr. No. 1	40.00	
2 yr. No. 2	30.00	
GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle. Available January.		
Caco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens September first.		
2 yr. No. 1	27.00	240.00
1 yr. No. 1	21.00	180.00
Concord, black. Large bunches of tender, juicy fruit.		
2 yr. No. 1	21.00	180.00
1 yr. No. 1	17.00	140.00
Delaware, red. Early. Small bunches and berries.		
2 yr. No. 1	27.00	240.00
Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.		
2 yr. No. 1	24.00	200.00
1 yr. No. 1	19.00	160.00
Moore Early, black.		
2 yr. No. 1	24.00	200.00
1 yr. No. 1	19.00	160.00
Niagara, white. Tangy, flavorful fruit. Large bunches.		
2 yr. No. 1	24.00	200.00
1 yr. No. 1	19.00	160.00

SMALL FRUIT AND MISCELLANEOUS GARDEN PLANTS—Continued

Per 100 Per 1000

HORSERADISH

Crowns	\$ 8.00	\$ 75.00
Cuttings	4.50	40.00

RASPBERRY, Tied 25 per bundle.

do **Blackhawk**, new hybrid black, originated by Iowa State College. Large, juicy, and rich flavor.

No. 1 tips	14.00	120.00
------------------	-------	--------

do **Cumberland**, black cap, large and juicy.

No. 1 tips	7.00	65.00
------------------	------	-------

Indian Summer, large high-quality, everbearing red.

No. 1 suckers	9.00	85.00
---------------------	------	-------

Latham, late, large, productive red.

No. 1 suckers	8.50	80.00
---------------------	------	-------

do **Morrison**, new black cap. Larger than Cumberland. Vigorous and disease resistant.

No. 1 tips	8.00	70.00
------------------	------	-------

do **Sodus**, late, very large purple raspberry. Extremely productive.

No. 1	8.50	80.00
-------------	------	-------

RHUBARB

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

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

Victoria, whole root.

Per 100 Per 1000

2 yr. 1½ in. and up	\$11.00	\$100.00
2 yr. 1 to 1½ in.	8.00	75.00
1 yr. ⅝ to 1 in.	6.50	60.00
1 yr. ½ to ⅝ 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.

Per 10 Per 100 Per 1000

ACER

platanoides. Norway Maple. 90 feet. Zone 3.

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

4 to 5 ft., whips	\$ 5.50	\$ 50.00	\$
5 to 6 ft., whips	7.50	70.00	
6 to 7 ft., whips	9.00	85.00	
7 to 8 ft., whips	10.00	90.00	
5 to 6 ft., branched	19.00	175.00	
6 to 8 ft., branched	28.00	250.00	
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. Available January.

	10-49 each	50-99 each
4 to 5 ft., whips	\$ 1.65	\$ 1.45
5 to 6 ft., whips	2.10	1.80
6 to 7 ft., whips	2.60	2.30

Per 10 Per 100 Per 1000

platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 4.

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

4 to 5 ft., whips	\$14.00	\$125.00	\$
5 to 6 ft., whips	16.50	150.00	
6 to 7 ft., whips	22.50	200.00	
7 to 8 ft., whips	27.00	230.00	
5 to 6 ft., branched	32.50	300.00	
6 to 8 ft., branched	45.00	425.00	
8 to 10 ft., branched	60.00	575.00	

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.

4 to 5 ft., whips	11.00	100.00	
5 to 6 ft., whips	15.50	140.00	
6 to 7 ft., whips	19.00	175.00	
7 to 8 ft., whips	22.00	200.00	
5 to 6 ft., branched	22.50	200.00	
6 to 8 ft., branched	30.00	275.00	
8 to 10 ft., branched	35.00	325.00	

platanoides variegatum. Silver Variegated Norway Maple. 90 feet. Zone 3.

Popular Norway Maple form with white splotched leaves.

5 to 6 ft., branched	28.00	250.00	
6 to 8 ft., branched	32.50	300.00	

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. Available January.

6 to 8 ft., branched	32.50	300.00	
8 to 10 ft., branched	42.50	400.00	

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

saccharinum. Silver Maple. 120 feet. Zone 3.

Per 10 Per 100 Per 1000

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

4 to 5 ft.....	\$ 6.50	\$ 60.00	\$550.00
5 to 6 ft.....	10.00	90.00	800.00
6 to 8 ft.....	15.50	140.00	1250.00
8 to 10 ft.....	22.50	200.00	1750.00
1¼ to 1½ in.....	27.50	250.00	2250.00
1½ to 1¾ in.....	35.00	325.00	3000.00

saccharum. Sugar Maple. 120 feet. Zone 3.

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

Fine street and lawn specimen.

4 to 5 ft., branched.....	19.00	175.00	---
5 to 6 ft., branched.....	25.00	225.00	---
6 to 8 ft., branched.....	32.50	300.00	---
8 to 10 ft., branched.....	42.50	400.00	---
1¼ to 1½ in.....	50.00	475.00	---

BETULA

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

Exceedingly graceful tree with slightly pendulous branches. White bark. Available January.

5 to 6 ft.....	16.50	150.00	---
6 to 8 ft.....	22.50	200.00	---
8 to 10 ft.....	30.00	275.00	---

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

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

4 to 5 ft.....	25.00	225.00	---
5 to 6 ft.....	30.00	275.00	---
6 to 7 ft.....	35.00	325.00	---

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

Very slender pendulous branches with lacinate leaves very finely cut. Available January.

4 to 5 ft.....	18.00	165.00	---
5 to 6 ft.....	25.00	225.00	---
6 to 8 ft.....	30.00	275.00	---
8 to 10 ft.....	37.50	350.00	---

CELTIS

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

Well formed shade tree of good foliage and dense habit.

4 to 5 ft.....	8.00	75.00	---
5 to 6 ft.....	12.00	110.00	1000.00
6 to 8 ft.....	22.50	200.00	1750.00
8 to 10 ft.....	30.00	275.00	---

NUT, ORNAMENTAL and SHADE TREES—Continued

CERCIS

Per 10 Per 100 Per 1000

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.

18 to 24 in.	\$ 4.00	\$ 35.00	\$300.00
2 to 3 ft.	6.50	60.00	550.00
3 to 4 ft.	10.00	90.00	850.00
4 to 5 ft.	14.00	125.00	1100.00
5 to 6 ft.	16.50	150.00	1350.00

CORNUS

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.

12 to 18 in.	5.00	45.00	---
18 to 24 in.	6.00	55.00	---

officinalis. Japanesecornel Dogwood. April. 30 feet. Zone 5.

Small yellow flowers appear before the leaves. Edible scarlet fruit with pleasant acid taste. Light brown flaky bark.

18 to 24 in., Moss & Poly root wrapped	7.50	70.00	---
--	------	-------	-----

CRATAEGUS

crusgalli. Cockspur Thorn. 15-18 feet. Zone 4.

White flowers and red fruit. Shiny, deep green leaves. Long thorns.

2 to 3 ft., Moss & Poly root wrapped	19.00	---	---
3 to 4 ft., Moss & Poly root wrapped	22.50	---	---

oxyacantha. English Hawthorn. May. 15 feet. Zone 4.

Spreading branches with stout 1 inch thorns, covered with a dense foliage of 3 to 5 lobed leaves. Small white flowers in 5 to 12 flowered panicles. Scarlet fruit with 2 stones.

18 to 24 in., Moss & Poly root wrapped	15.00	135.00	---
2 to 3 ft., Moss & Poly root wrapped	19.00	175.00	---
3 to 4 ft., Moss & Poly root wrapped	22.50	200.00	---

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. Available January.

3 to 4 ft.	16.50	150.00	---
4 to 5 ft.	19.00	175.00	---
5 to 6 ft.	25.00	225.00	---

punctata. Dotted Hawthorn. May. 30 feet. Zone 4.

Dense, branching tree sometimes twice as broad as it is high. White flowers in clusters. Red fruits, with small dots, among largest in American Hawthorns.

18 to 24 in.	16.50	150.00	---
2 to 3 ft.	19.00	175.00	---
3 to 4 ft.	22.50	200.00	---

DIOSPYROS

virginiana. Common Persimmon. 50 feet. Zone 4.

Round headed tree, often with pendulous branches. Dense foliage turns yellow in fall. Edible, yellowish-orange fruit, often with red cheek.

18 to 24 in.	6.50	60.00	---
2 to 3 ft.	8.00	75.00	---
3 to 4 ft.	10.00	90.00	---

NUT, ORNAMENTAL and SHADE TREES—Continued

ELAEOAGNUS

		Per 10	Per 100	Per 1000
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.				
3 to 4 ft.	.....	\$ 6.50	\$ 60.00	\$550.00
4 to 5 ft.	.....	8.50	80.00	750.00

FRAXINUS

pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 2.				
Shapely, vigorous and dense tree. Yellow autumn foliage. Very hardy.				
5 to 6 ft.	.....	11.00	100.00	900.00
6 to 8 ft.	.....	17.50	160.00	1500.00
8 to 10 ft.	.....	25.00	225.00	2000.00
1¼ to 1½ in. Cal.	.....	32.50	300.00	2750.00
1½ to 1¾ in. Cal.	.....	40.00	375.00	.....

GLEDITSIA

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.				
4 to 5 ft.	.....	11.00	100.00	900.00
5 to 6 ft.	.....	16.50	150.00	1350.00
6 to 8 ft.	.....	25.00	225.00	2000.00
8 to 10 ft.	.....	32.50	300.00	2750.00

IMPERIAL LOCUST

Plant Patent No. 1605

A new graceful, spreading variety with symmetrically arranged branches that form a more regular and compact tree than any other Honeylocusts. Grows straight and strong without staking. Dainty green leaves are spaced closer than Common Honeylocust, and with the dense branching habit, form a more dense cover.

		Suggested			
		10-29	30-99	100-299	Retail
		Each	Each	Each	Each
3 to 4 ft. 1 yr. whips	.....	\$1.65	\$ 1.45	\$ 1.25	\$ 3.75
4 to 5 ft. 1 yr. whips	.....	1.80	1.60	1.40	4.00
5 to 6 ft. 2 yr. branched	.....	3.75	3.35	3.00	8.00
6 to 8 ft., 2 yr. branched	.....	4.70	4.25	3.85	9.75

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
5 to 6 ft., 2 yr. branched	.....	\$ 3.15	\$ 2.75	\$ 2.25
6 to 8 ft., 2 yr. branched	.....	3.75	3.35	3.00
8 to 10 ft., 2 yr. branched	.....	4.90	4.45	4.00
1¼ to 1½ in. Cal.	.....	6.10	5.50	.....

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

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 false form, thornless, seedless and hardy. Resistant to disease and insect damage.

	10-29	30-99	100-299	Suggested Retail
	Each	Each	Each	Each
4 to 5 ft., whips	\$1.80	\$ 1.65	\$ 1.50	\$ ----
5 to 6 ft., whips	2.25	2.00	1.80	5.00
6 to 7 ft., whips	2.75	2.50	2.25	6.00
5 to 6 ft., branched, 2 yr. tops	4.00	3.60	3.25	----
6 to 8 ft., branched, 2 yr. tops	5.50	5.00	4.50	10.00
8 to 10 ft., branched, 2 yr. tops	7.75	7.00	6.25	12.50
1¼ to 1½ in., Cal.	10.00	9.00	8.10	16.00

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
3 to 4 ft., 1 yr. whips	\$ 1.40	\$ 1.20	\$ 1.10
4 to 5 ft., 1 yr. whips	1.80	1.50	1.35
5 to 6 ft., 1 yr. whips	2.25	1.80	1.60
6 to 7 ft., 1 yr. whips	2.75	2.25	2.00
5 to 6 ft., 2 yr. branched	3.75	3.00	2.70
6 to 8 ft., 2 yr. branched	5.00	4.00	----
8 to 10 ft., 2 yr. branched	7.00	----	----
1¼ to 1½ in. Cal., 2 yr. branched	9.50	----	----

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.

	10-29	30-99	100-299	300-up	Suggested Retail
	Each	Each	Each	Each	Each
3 to 4 ft., 1 yr. whips	\$ 1.65	\$ 1.45	\$ 1.25	\$ 1.20	\$ 3.75
4 to 5 ft., 1 yr. whips	1.80	1.60	1.40	1.30	4.00
5 to 6 ft., 1 yr. whips	2.05	1.85	1.65	1.55	4.50
6 to 7 ft., 1 yr. whips	2.40	2.15	1.90	1.80	5.50
4 to 5 ft., 2 yr. branched	3.15	2.75	2.25	----	----
5 to 6 ft., 2 yr. branched	3.75	3.35	3.00	2.80	8.00
6 to 8 ft., 2 yr. branched	4.70	4.25	3.85	3.60	9.75
1 to 1¼ in. Cal.	6.00	5.40	----	----	12.00
1¼ to 1½ in. Cal.	7.30	----	----	----	14.00

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

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
3 to 4 ft., 1 yr. whips	\$ 1.65	\$ 1.55	\$ 1.35	\$ 1.30	\$ ----
4 to 5 ft., 1 yr. whips	2.05	1.85	1.65	1.55	4.40
5 to 6 ft., 1 yr. whips	2.45	2.20	1.95	1.80	5.40
6 to 7 ft., 1 yr. whips	2.80	2.45	2.20	----	6.25
4 to 5 ft., 1 yr. branched	2.55	2.25	----	----	5.50
5 to 6 ft., 1 yr. branched	2.95	2.60	----	----	6.50
6 to 7 ft., 1 yr. branched	3.45	3.10	----	----	7.75
4 to 5 ft., 2 yr. branched	3.25	2.95	2.40	2.10	----
5 to 6 ft., 2 yr. branched	3.90	3.50	3.15	2.90	8.50
6 to 7 ft., 2 yr. branched	4.70	4.25	3.85	3.60	9.75
7 to 8 ft., 2 yr. branched	5.45	4.95	4.50	4.25	11.25
8 to 10 ft., 2 yr. branched	7.25	6.50	5.90	5.55	14.00
1¼ to 1½ in. Cal.	9.15	8.20	7.40	----	17.50

GYMNOCLADUS

dioicus. Kentucky Coffeetree. 90 feet. Zone 4. Per 10 Per 100 Per 1000

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

4 to 5 ft.	\$22.50	\$200.00	\$ ----
5 to 6 ft.	27.50	250.00	----

HALESIA

Carolina. Carolina Silverbell. May. 30 feet. Zone 4.

Hardest and smallest of the Silverbells. Rounded tree with open foliage that turns yellow in fall. White, bell shaped flowers.

2 to 3 ft.	7.50	70.00	----
3 to 4 ft.	10.00	90.00	----

JUGLANS

cinerea. Butternut. 30 feet. Zone 3.

Pinnate leaves on a broad growing tree. Very similar to Black Walnut. Oblong, edible nuts in heavy, rough shell.

3 to 4 ft.	8.50	75.00	----
4 to 5 ft.	11.00	100.00	----
5 to 6 ft.	14.00	125.00	----

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

Rounded, upright tree with coarse, open foliage. Large, rounded nuts in heavy shells.

4 to 5 ft.	11.00	100.00	900.00
5 to 6 ft.	14.00	125.00	1150.00
6 to 8 ft.	19.00	175.00	1600.00

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

LABURNUM

watereri (vossi) Waterer Laburnum. 25-30 feet. Zone 5.

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

4 to 5 ft., branched	\$22.50	\$200.00	\$
5 to 6 ft., branched	27.50	250.00	

MALUS

DWARF FLOWERING CRAB

	Per 10	Per 100
2 to 3 ft.	\$13.50	\$125.00
3 to 4 ft.	17.50	150.00
4 to 5 ft.	22.50	200.00
5 to 6 ft.	25.00	225.00
Hopa	Makamik	

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	Per 100
3 to 4 ft.	\$10.00	\$ 95.00
4 to 5 ft.	12.50	120.00
5 to 6 ft.	14.00	135.00

RADIANT CRAB

Minnesota No. 6-C

Tree of good form with reddish-bronze spring foliage, green in summer and fall. No record of scab, rust or fire-blight. Red flowers of medium size when the tree is quite young. Small, bright cherry red fruits often hang on all winter and are well liked by the birds.

	Per 10	Per 100
2 to 3 ft.	\$15.00	\$125.00
3 to 4 ft.	17.50	150.00
4 to 5 ft.	20.00	175.00
5 to 6 ft.	22.50	200.00

QUINTUPLET FLOWERING CRAB

These 5-N-1 crab are budded on 2 year grafts and then grown one year. Budded on Hopa with the following varieties.

Evelyn Floribunda	Makamik Purpurea Eleyi	Almey	
			Per 10 Per 100
2 to 3 ft.			\$20.00 \$175.00
3 to 4 ft.			22.50 200.00
4 to 5 ft.			25.00 225.00

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000	
18 to 24 in.	\$ 8.00	\$ 75.00	\$	
2 to 3 ft.	11.00	100.00	.....	
3 to 4 ft.	14.00	125.00	.....	
4 to 5 ft.	16.50	150.00	.....	
5 to 6 ft.	21.50	200.00	.....	
	5/6'	4/5'	3/4'	2/3'
Baccata Mandschurica. 50 ft. Zone 2.				
Single, white annual. Earliest.	X	X	X	X
Halliana parkmanni. 15 ft. Zone 5.				
Double pink flowers, red fruits.	X	X	X	X
Oekonomierat Echtermeyer. 15 ft. Zone 4.				
Single purple flowers, reddish purple fruit.		X	X	X
	Per 10	Per 100	Per 1000	
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	.....	
	6/8'	5/6'	4/5'	3/4'
				2/3'
				18/24"
Almey. 20 ft.				
Single carmine flowers, orange to bright red fruit.	X	X	X	X
Cowichan. 18 ft. Zone 3.				
Single purplish-red flowers, reddish-purple fruit.		X	X	X
Dorothea. 25 ft. Zone 4.				
Double and semi-double pink and white flowers. Yellow fruit. Annual.		X	X	X
Evelyn.				
Single pink flowers, yellow and red fruit.		X	X	X
Ioensis Plena. 30 ft. Zone 2.				
Double pink blooms, green fruit.			X	X
Ioensis Plena Improved.				
Similar to Ioensis Plena. Vigorous. Annual.		X	X	X
Irene. 12 ft.				
Single carmine flowers. Purplish-red fruits. Dwarf. Slow grower.		X	X	X
Reddish leaves.		X	X	X
Katherine. 20 ft. Zone 4.				
Double, large, pink and white flowers.			X	X
Micromalus. 20 ft. Zone 4.				
Pink flowers. Annual. Midget Crab.			X	X

MALUS, ORNAMENTAL CRABAPPLE—Continued

	5/6'	4/5'	3/4'	2/3'	18/24"
Red Splendor.					
Single carmine flowers. Red fruits, purplish foliage.	X	X	X	X	
Strathmore.					
Single purplish-red flowers. Red foliage. Narrow upright.		X	X	X	
Van Eseltine.					
Double carmine flowers. Yellow and red fruit.		X	X	X	
Wabiskaw.					
Semi-double, purplish-red. Annual. Red fall foliage.	X	X	X		
Zumi Calocarpa.					
Pink buds. White flowers. Red-orange fruit. Annual.	X	X	X		
		Per 10	Per 100	Per 1000	
3 to 4 ft.		\$ 8.00	\$ 75.00	\$	
4 to 5 ft.		11.00	100.00		
5 to 6 ft.		16.50	150.00		
6 to 8 ft.		21.50			
	5/6'	4/5'	3/4'	2/3'	18/24"
Atrosanguinea. 20 ft. Zone 4.					
Single carmine flowers. Yellow-red fruit. Annual.	X	X	X	X	
Floribunda. 30 ft. Zone 4.					
Single pink. Annual.	X	X	X	X	
Jay Darling.					
Single purplish-red flowers, purplish-red fruit.	X	X	X	X	
Makamik. 40 ft. Zone 4.					
Single purplish-red blooms. Bronze foliage. Annual.	X	X	X	X	
pumila Niedzwetzkyana. 20 ft. Zone 3.					
Single purplish-red flowers. Large fruit.	X	X	X	X	
Red Silver. 30 ft. Zone 4.					
Single purplish-red flowers, purplish fruit. Purplish bronze foliage.	X	X	X	X	
		Per 10	Per 100	Per 1000	
3 to 4 ft.		\$ 7.50	\$ 70.00	\$	
4 to 5 ft.		10.00	90.00		
5 to 6 ft.		13.00	120.00	1100.00	
6 to 8 ft.		16.50	150.00	1350.00	
	6/8'	5/6'	4/5'	3/4'	2/3'
Hopa. 30 ft. Zone 4.					
Single carmine blooms, bright red fruits. Annual.	X	X	X	X	
purpurea Eleyi. 25 ft. Zone 3.					
Single reddish-purple blooms and fruits		X	X	X	X

NUT, ORNAMENTAL and SHADE TREES—Continued

PHELLODENDRON

Amurense. Amur Corktree. 45 feet. Zone 3.

Per 10 Per 100 Per 1000

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

3 to 4 ft.	\$10.00	\$ 90.00	\$ ----
4 to 5 ft.	15.00	135.00	----
5 to 6 ft.	22.50	200.00	----
6 to 8 ft.	30.00	275.00	----

PLATANUS

acerifolia. London Plane-tree. 100 feet. Zone 5.

Tall tree with straight trunk and broad round head. Large maplelike leaves. Very resistant to twig blight. Large fruit balls and light colored smooth bark mottled by darker blotches of old bark make this a conspicuous winter tree. Used extensively for street planting.

4 to 5 ft.	11.00	100.00	----
5 to 6 ft.	15.00	135.00	----

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

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

4 to 5 ft.	8.50	80.00	----
5 to 6 ft.	12.50	110.00	----
6 to 8 ft.	19.00	175.00	----
8 to 10 ft.	28.00	250.00	----
1¼ to 1½ in. Cal.	32.50	300.00	----

POPULUS

alba pyramidalis. Bolleana Poplar. 90 feet. Zone 3.

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

2 to 3 ft.	3.00	25.00	----
3 to 4 ft.	4.00	35.00	----
4 to 5 ft.	6.50	60.00	----
5 to 6 ft.	10.00	90.00	----
6 to 8 ft.	14.00	----	----

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

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

4 to 5 ft.	4.50	----	----
5 to 6 ft.	5.50	50.00	----
6 to 8 ft.	8.00	75.00	----
8 to 10 ft.	11.00	100.00	----
1¼ to 1½ in. Cal.	13.50	120.00	----

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
4 to 5 ft.	\$ 3.50	\$ 30.00	\$250.00
5 to 6 ft.	5.00	45.00	400.00
6 to 8 ft.	6.00	55.00	500.00
8 to 10 ft.	7.00	65.00	600.00
1¼ to 1½ in. Cal.	8.00	75.00	700.00
1½ to 1¾ in. Cal.	11.00	100.00	900.00
1¾ to 2 in. Cal.	14.00	125.00	1100.00

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

PRUNUS

american Newport. Purple-leaved Plum, 15 feet. Zone 3.

A large, hardy shrub or small tree with upright growth and distinctive purplish red foliage. On native plum.

2 to 3 ft.	\$ 8.50	\$ 80.00	\$
3 to 4 ft.	12.50	110.00	.....
4 to 5 ft.	16.00	140.00	.....

americana Thundercloud. Purple Leaved Plum, 12 feet. Zone 4.

Dense tree with deep solid purple foliage all season. Rosy pink flowers as leaves unfold. Very hardy.

18 to 24 in.	7.00	65.00	.....
2 to 3 ft.	8.50	80.00	.....
3 to 4 ft.	12.50	110.00	.....

cerasifera pissardi rosea, 20 feet. Zone 3.

Deep bronze purple foliage. Single pink flowers in late April.

2 to 3 ft.	8.50	80.00	.....
3 to 4 ft.	12.50	110.00	.....
4 to 5 ft.	16.00	140.00	.....

cerasifera pissardi Veitchi, 20 feet. Zone 3.

Bronze colored foliage. Plant is completely covered with large clusters of double pink blooms in early spring.

2 to 3 ft.	8.50	80.00	.....
3 to 4 ft.	12.50	110.00	.....
4 to 5 ft.	16.00	140.00	.....

padus, European Birdcherry, 45 feet. Zone 3.

Frequently called "May Day Tree". Produces fragrant flowers in drooping loose racemes followed by black fruit.

3 to 4 ft.	11.00	100.00	900.00
4 to 5 ft.	14.00	125.00	1100.00
5 to 6 ft.	16.50	150.00	1350.00
6 to 8 ft.	22.50	200.00	.....

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

2 to 3 ft.	4.50	40.00	.....
3 to 4 ft.	7.50	70.00	.....
4 to 5 ft.	11.00	100.00	.....
5 to 6 ft.	14.00	125.00	.....

Cardinal, double red

Helen Borchers, large, clear pink

Iceberg, white

persica Purpleleaf, 20 feet. Zone 5.

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

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

QUERCUS

alba, White Oak, 90 feet. Zone 4.

Majestic tree with broad round head and wide spreading branches. Dense foliage turns purplish red in autumn. Slower growing than Red Oak.

4 to 5 ft.	19.00	175.00	.....
5 to 6 ft.	25.00	225.00	.....

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.

4 to 5 ft.	19.00	175.00	.....
5 to 6 ft.	25.00	225.00	.....
6 to 8 ft.	35.00	325.00	.....

NUT, ORNAMENTAL and SHADE TREES—Continued**QUERCUS—Continued****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
4 to 5 ft.....	\$16.50	\$150.00	\$1350.00
5 to 6 ft.....	22.50	200.00	1750.00
6 to 8 ft.....	32.50	300.00	2750.00
8 to 10 ft.....	45.00	400.00	-----

SALIX

Per 10 Per 100 Per 1000

alba tristis. Niobe Willow. 50 feet. Zone 2.

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

4 to 5 ft.....	\$ 6.50	\$ 60.00	\$ -----
5 to 6 ft.....	11.00	100.00	-----
6 to 8 ft.....	15.00	135.00	-----
8 to 10 ft.....	22.50	200.00	-----

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.

4 to 5 ft.....	5.50	50.00	-----
5 to 6 ft.....	8.00	75.00	-----
6 to 8 ft.....	11.00	100.00	-----
8 to 10 ft.....	16.00	140.00	-----

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

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

4 to 5 ft.....	6.50	60.00	550.00
5 to 6 ft.....	11.00	100.00	900.00
6 to 8 ft.....	15.00	135.00	1200.00

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
4 to 5 ft.....	\$ 6.50	\$ 60.00	\$550.00
5 to 6 ft.....	11.00	100.00	900.00
6 to 8 ft.....	15.00	135.00	1200.00
8 to 10 ft.....	22.50	200.00	1800.00
1¼ to 1½ in. Cal.....	30.00	275.00	2500.00

discolor French. French Pussy Willow. 20 feet. Zone 2.

Per 10 Per 100 Per 1000

A fine cultivated French variety having especially long catkins.

12 to 18 in.....	\$ 3.00	\$ 25.00	\$ -----
18 to 24 in.....	3.50	30.00	250.00
2 to 3 ft.....	4.50	40.00	350.00
3 to 4 ft.....	6.00	55.00	500.00

discolor French Pink. 20 feet. Zone 2.

A new French variety with pinkish, long catkins.

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

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.

3 to 4 ft.	\$ 3.50	\$ 30.00	\$
4 to 5 ft.	5.50	50.00	
5 to 6 ft.	6.50	60.00	
6 to 8 ft.	8.00	75.00	
8 to 10 ft.	11.00	100.00	

SOPHORA

japonica. Japanese Pagodatree. 70 feet. Zone 4.

Also known as Chinese Scholartree. A rounded, wide branching tree with dark green leaves resembling those of a Locust. Leaves green until late in fall. Small yellowish-white flowers in loose 6 inch clusters most conspicuous in August. Yellow pods usually remain on tree all winter. Withstands city conditions.

18 to 24 in. Moss and Poly root wrapped	6.50		
2 to 3 ft. Moss and Poly root wrapped	8.50		

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.

4 to 5 ft.	17.50	160.00	1500.00
5 to 6 ft.	22.50	200.00	1750.00
6 to 8 ft.	27.50	250.00	2250.00
8 to 10 ft.	35.00	325.00	3000.00
1¼ to 1½ in. Cal.	42.50	400.00	

TILIA

americana. American Linden. 100 feet. Zone 2.

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

4 to 5 ft.	12.50	110.00	
5 to 6 ft.	20.00	175.00	
6 to 8 ft.	25.00	225.00	
8 to 10 ft.	32.50	300.00	

cordata. Littleleaf Linden. 90 feet. Zone 3.

Usually a slow growing, small tree of very dense habit and tightly pyramidal form. Broad, heart shaped leaves are very dark green above and lighter beneath. An excellent shade and street tree.

5 to 6 ft.	27.50	250.00	
6 to 8 ft.	35.00	325.00	

ULMUS

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

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

4 to 5 ft.	5.50	50.00	450.00
5 to 6 ft.	8.00	75.00	700.00
6 to 8 ft.	12.00	110.00	1000.00
8 to 10 ft.	18.00	165.00	1500.00
1¼ to 1½ in. Cal.	27.50	250.00	2250.00
1½ to 1¾ in. Cal.	37.50	350.00	

NUT, ORNAMENTAL and SHADE TREES—Continued**ULMUS—Continued****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
5 to 6 ft.	\$11.00	\$100.00	\$ 900.00
6 to 8 ft.	16.50	150.00	1350.00
8 to 10 ft.	22.00	200.00	1800.00
1¼ to 1½ in. Cal.	32.50	300.00	2750.00
1½ to 1¾ in. Cal.	42.50	400.00	-----

hybrid Cool Shade. 35-50 feet.

Densely foliated with compact top. Very tough, does not break from ice or wind like Chinese.

	Per 10	Per 100
5 to 6 ft.	\$18.50	\$165.00
6 to 8 ft.	25.00	225.00
8 to 10 ft.	35.00	325.00

IMPROVED COOLSHADE ELM**Patent No. 1747**

Rapid growing tree of 35 to 50 feet with straight trunk and well formed top. Uniformly branched and densely foliated. Resistant to ice and wind breakage. Extremely hardy.

	Per 10 Each	Suggested Per 100 Each	Retail Each
3 to 4 ft.	\$.90	\$.85	\$ 2.50
4 to 5 ft.	1.10	1.00	3.50
5 to 6 ft.	2.25	2.15	5.00
6 to 8 ft.	3.00	2.75	7.50

pumila. Chinese Elm. 75 feet. Zone 4.

Per 10 Per 100 Per 1000

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

4 to 5 ft.	\$ 4.00	\$ 35.00	\$ 300.00
5 to 6 ft.	7.00	65.00	600.00
6 to 8 ft.	11.00	100.00	900.00
8 to 10 ft.	15.00	135.00	1250.00
1¼ to 1½ in. Cal.	22.50	200.00	1750.00
1½ to 1¾ in. Cal.	32.50	300.00	2750.00

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.

12 to 18 in.....	\$ 3.00	\$ 25.00	\$ ----
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.50	70.00	-----

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.

18 to 24 in.....	6.50	60.00	-----
2 to 3 ft.....	10.00	90.00	850.00
3 to 4 ft.....	14.00	125.00	1100.00
4 to 5 ft.....	20.00	175.00	1500.00

ARONIA

arbutifolia. Red Chokeberry. May. 9 feet. Zone 5.

Small white flowers. Bright red berries in profusion. Red fall foliage. Dependable in any soil.

12 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	5.00	45.00	-----

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

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

12 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	5.00	45.00	-----

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.

9 to 12 in.....	3.00	25.00	200.00
12 to 15 in.....	4.50	40.00	350.00
15 to 18 in.....	5.50	50.00	450.00
18 to 24 in.....	6.50	60.00	550.00

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.

9 to 12 in.....	2.00	18.00	150.00
12 to 15 in.....	3.00	25.00	200.00
15 to 18 in.....	3.50	30.00	250.00
18 to 24 in.....	4.50	40.00	350.00
2 to 2½ ft.....	5.50	50.00	450.00
2½ to 3 ft.....	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

BERBERIS—Continued

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
9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
12 to 15 in.	4.00	35.00	300.00
15 to 18 in.	5.00	45.00	400.00
18 to 24 in.	6.00	55.00	500.00
2 to 2½ ft.	7.00	65.00	600.00
2½ to 3 ft.	8.00	75.00	700.00

thunbergi Crimson Pigmy. 1½ feet.

Per 10 Per 100 Per 1000

An extremely dense, low growing specimen plant. Deep red foliage in full sun.

4 to 6 in.	\$ 5.00	\$ ----	\$ ----
6 to 9 in.	7.00	----	----
9 to 12 in.	9.00	----	----

thunbergi erecta. Truedge Columnberry. May. 6 feet. Zone 5.

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

9 to 12 in.	2.00	18.00	150.00
12 to 15 in.	3.00	25.00	200.00
15 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00

BUDDLEIA

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

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.

Dubonnet. 4-5 feet.

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

Empire Blue.

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

Ile de France. 4-5 feet.

Long spikes of dark claret-purple.

Peace.

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

Royal Red.

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

White Cloud. 3-4 feet.

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

CALLICARPA

Per 10 Per 100 Per 1000

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

Small pink flowers in clusters. Large showy clusters of purple berries.

12 to 18 in.	\$ 3.50	\$ 30.00	\$ ----
18 to 24 in.	4.50	40.00	----
2 to 3 ft.	5.50	50.00	----

ORNAMENTAL SHRUBS—Continued

CARAGANA

	Per 10	Per 100	Per 1000
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.			
12 to 18 in.	\$ 2.50	\$ 22.00	\$200.00
18 to 24 in.	3.50	30.00	250.00

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

CEPHALANTHUS

	Per 10	Per 100	Per 1000
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.			
18 to 24 in.	\$ 5.00	\$ 45.00	\$400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

CHIAENOMELES

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

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

9 to 12 in.	2.50	20.00	180.00
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

lagenaria. Japan Quince. 6 feet. Zone 4.

9 to 12 in.	4.50	40.00	
12 to 18 in.	5.50	50.00	
18 to 24 in.	7.50	70.00	
2 to 3 ft.	9.50	90.00	

Following varieties at above prices:

	2/3'	18/24"	12/18"	9/12"
Appleblossom, free blooming, semi-upright. Pink.	X	X	X	X
Aurca.	X	X	X	X
Kermesina semiplena, semi-double 2 inch flowers of pink to red.	X	X	X	X
Nivalis, single white.	X	X	X	X
Red Chief, double, deep red. Medium size. Upright.	X	X	X	X
Stanford Red, large 2 inch vivid red flowers. Almost thornless.	X	X	X	X

Superba varieties

	Per 10	Per 100
9 to 12 in.	\$ 4.50	\$ 40.00
12 to 18 in.	5.50	50.00
18 to 24 in.	7.50	70.00
2 to 3 ft.	9.50	90.00

Following varieties at above prices:

	2/3'	18/24"	12/18"	9/12"
Charming, thornless, shell-pink. Neat plant.	X	X	X	X
Margaret Adams, very early. Coral-pink.	X	X	X	X
Pink Lady, low spreader, almost thornless. Large pink flowers.	X	X	X	X
Texas Scarlet, low bushy plant. Watermelon red 2 inch flowers.	X	X	X	X

ORNAMENTAL SHRUBS—Continued

CHIONANTHUS

	Per 10	Per 100	Per 1000
virginicus. White Fringe-tree. June. 30 feet. Zone 4.			
Fleecy white flower clusters in great profusion. Clusters of dark blue berries. Leaves bright yellow in fall. One of the last shrubs to leaf in the spring.			
12 to 18 in.....	\$ 5.00	\$ 45.00	\$ -----
18 to 24 in.....	6.50	60.00	-----
2 to 3 ft.....	8.50	80.00	-----

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.			
12 to 18 in.....	3.50	30.00	250.00
18 to 24 in.....	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.50	70.00	650.00
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.			
18 to 24 in.....	5.00	45.00	-----
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 ½ to ¾" long turn scarlet in August. Red foliage in fall.			
12 to 18 in.....	5.00	45.00	-----
18 to 24 in.....	6.00	55.00	-----
mas variegata. April 20 feet. Zone 4.			
White bordered leaves. Yellow flowers before leaves appear. Edible, ½ inch scarlet fruit.			
12 to 18 in.....	4.00	-----	-----
18 to 24 in.....	7.00	-----	-----
racemosa. Gray Dogwood. June. 15 feet. Zone 4.			
Small creamy white flowers in flat clusters followed by white berries on red stalks. Foliage purplish in fall and twigs gray in winter. Withstands shearing well.			
12 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	5.00	45.00	-----
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.50	70.00	-----
sanguinea. Bloodtwig Dogwood. May. 12 feet. Zone 4.			
Broad green leaves turn to dark blood red in fall. Twigs dark red; flowers dull white.			
12 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.50	70.00	650.00
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.			
12 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.50	70.00	650.00
stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 2.			
A striking yellow-branched form of stolonifera, highly decorative.			
12 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.50	70.00	650.00

ORNAMENTAL SHRUBS—Continued

COTINUS

coggia. Common Smoketree. June. 15 feet. Zone 5. Per 10 Per 100 Per 1000

Commonly called "Purple Fringe" because of its pinkish plumose fruit panicles. These panicles are borne in great profusion giving the whole plant a pink, smoky appearance.

12 to 18 in.	\$ 4.00	\$ 35.00	\$
18 to 24 in.	5.50	50.00	.....
2 to 3 ft.	8.00	75.00	.....

COTONEASTER

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.

12 to 18 in.	6.00	55.00	.....
18 to 24 in.	8.00	75.00	.....
2 to 3 ft.	9.00	85.00	.....

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.

12 to 15 in.	5.00	45.00	400.00
15 to 18 in.	6.00	55.00	500.00
18 to 24 in.	7.50	70.00	650.00

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
9 to 12 in.	\$ 2.50	\$ 20.00	\$
12 to 18 in.	4.50	40.00	350.00
18 to 24 in.	5.50	50.00	450.00
2 to 2½ ft.	7.50	70.00	650.00

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

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

	Per 10	Per 100	Per 1000
12 to 15 in.	\$ 5.00	\$ 45.00	\$400.00
15 to 18 in.	6.00	55.00	500.00
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.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00

EUONYMUS

alatus. Winged Euonymus. May. 9 feet. Zone 3.

A sturdy, easily grown plant of particular interest for its horizontal branching habit and its brilliant scarlet autumn color. Twigs and branches have cork-like ridges.

12 to 18 in.	6.50	60.00	.....
18 to 24 in.	8.50	80.00	.....

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

Per 10 Per 100 Per 1000

atropurpureus. Eastern Wahoo. May. 12-15 feet. Zone 3.

Hardy, native shrub or small tree. Purple flowers and many scarlet berries. Attractive fall foliage.

12 to 18 in.....	\$ 4.00	\$ 35.00	\$.....
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

europaea. European Spindle-Tree. May. 20 feet. Zone 3.

Upright shrub or small tree with dense, dark green leaves, scarlet in fall. Small yellowish-green flowers, 3 to 5 on a stalk. Pink fruit with orange seeds.

12 to 18 in.....	4.00	35.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

europaea aldenhamensis. Aldenham Spindle Tree. 21 feet. Zone 3.

Brilliant pink fruit makes this the most popular of Spindle Tree varieties. Dark green leaves are reddish in fall.

12 to 18 in.....	4.50	40.00	-----
18 to 24 in.....	6.00	55.00	-----
2 to 3 ft.....	7.50	70.00	-----

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

9 to 12 in.....	\$ 4.00	\$ 35.00	\$300.00
12 to 15 in.....	5.50	50.00	450.00
15 to 18 in.....	7.00	65.00	600.00

Per 10 Per 100 Per 1000

fortunei radicans erecta. Upright Wintercreeper. (Sarcocoe Strain) 3-4 feet. Zone 5.

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

9 to 12 in.....	\$ 5.50	\$ 50.00	\$.....
12 to 15 in.....	7.00	65.00	-----
15 to 18 in.....	8.50	80.00	-----

kiautschovicus. (Patens) 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.

9 to 12 in.....	4.50	40.00	-----
12 to 15 in.....	5.50	50.00	450.00
15 to 18 in.....	7.00	65.00	600.00

latifolius. Broadleaf Euonymus. 20 feet. Zone 5.

Large 3 to 5 inch leaves, reddish underneath; red in fall. Greenish flowers in clusters. Bright red fruit. Makes good specimen tree.

9 to 12 in.....	5.50	50.00	-----
12 to 18 in.....	7.00	65.00	-----
18 to 24 in.....	8.00	75.00	-----
2 to 3 ft.....	9.50	90.00	-----

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.

12 to 18 in.....	4.00	35.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

EXOCHORDA

	Per 10	Per 100	Per 1000
giraldi wilsoni. Wilson Pearl-bush. May. 9 feet. Zone 5.			
Vigorous, upright shrub with gracefully arching side branches. Very floriferous. White 2 inch flowers in clusters. Pruning out the weak inner branches will bring greater production.			
12 to 18 in.	\$ 4.00	\$ 35.00	\$ ----
18 to 24 in.	5.50	50.00	-----

FORSYTHIA

Arnold Dwarf. 2 feet. Zone 5.

A new dwarf type with excellent foliage. Desirable as a ground cover.			
12 to 18 in.	5.00	45.00	-----
18 to 24 in.	6.50	60.00	550.00

Arnold Giant.

Forms a compact, spreading bush. Very hardy and a consistant bloomer. Produces large, dark yellow flowers. One of the better new varieties.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
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, having striking orange markings in the throat.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00
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.			
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

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

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.			
12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
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.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00

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

12 to 18 in.....	\$ 3.50	\$ 30.00	\$ ----
18 to 24 in.....	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
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.

12 to 18 in.....	4.00	35.00	300.00
18 to 24 in.....	5.50	50.00	450.00
2 to 3 ft.....	6.50	60.00	550.00

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.

12 to 18 in.....	4.50	40.00	----
18 to 24 in.....	6.50	60.00	-----

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.

12 to 18 in.....	4.50	40.00	----
18 to 24 in.....	6.50	60.00	550.00
2 to 3 ft.....	8.00	75.00	700.00
3 to 4 ft.....	11.00	100.00	-----

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

Anemone, double pink

Ardens, double purple

Boule de Feu, double, purplish-red

Jeanne de Arc, double pure white

Luey, semi-double, rose

HYDRANGEA

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

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

12 to 18 in.....	3.50	30.00	250.00
18 to 24 in.....	5.50	50.00	450.00
2 to 3 ft.....	6.50	60.00	550.00

macrophylla Nikko Blue. Nikko Blue Hydrangea. June. 9-10 feet. Zone 5.

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

2 year No. 1 heavy field grown plants.....	8.50	80.00	750.00
--	------	-------	--------

ORNAMENTAL SHRUBS—Continued

HYDRANGEA—Continued

Per 10 Per 100 Per 1000

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

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

12 to 18 in.....	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.....	5.50	50.00	450.00
2 to 3 ft.....	6.50	60.00	550.00

quercifolia. Oak-leaved Hydrangea. 6 feet. Zone 5.

Dense, stoloniferous shrub with white flowers in 4 to 8 inch panicles. Large leaves resembling those of the Red Oak are reddish in fall. Very handsome shrub and good specimen.

12 to 18 in.....	7.00	-----	-----
18 to 24 in.....	8.50	-----	-----
2 to 3 ft.....	10.00	-----	-----

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.

9 to 12 in.....	3.00	25.00	-----
12 to 15 in.....	4.50	40.00	350.00
15 to 18 in.....	5.50	50.00	450.00
18 to 24 in.....	7.00	65.00	600.00

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.

9 to 12 in.....	3.00	25.00	-----
12 to 15 in.....	4.50	40.00	-----
15 to 18 in.....	5.50	50.00	-----
18 to 24 in.....	7.00	65.00	-----

ILEX

verticillata. Black Alder. Winterberry. June. 9 feet. Zone 3.

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

12 to 18 in.....	4.50	-----	-----
18 to 24 in.....	6.50	-----	-----
2 to 3 ft.....	8.00	-----	-----

KERRIA

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

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

12 to 18 in.....	5.50	-----	-----
18 to 24 in.....	7.00	-----	-----
2 to 3 ft.....	8.50	-----	-----

ORNAMENTAL SHRUBS—Continued

KOLKWTZIA

	Per 10	Per 100	Per 1000
amabilis. Beautybush. June. 10 feet. Zone 4.			
A tall, upright growing plant with arching branches providing ornamental interest the year around. Pink flowers similar to Weigela, are borne in profusion.			
12 to 18 in.....	\$ 4.50	\$ 40.00	\$350.00
18 to 24 in.....	6.50	60.00	550.00
2 to 3 ft.....	8.00	75.00	700.00

LAGERSTROEMIA

indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.			
Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties. SPRING only.			
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.....	5.00	45.00	400.00
PINK	PURPLE	WATERMELON RED	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
9 to 12 in.....	\$ 3.00	\$ 25.00	\$200.00
12 to 18 in.....	3.50	30.00	250.00
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00

	Per 10	Per 100	Per 1000
fragrantissima. Winter Honeysuckle. April. 6 feet. Zone 5.			
Fragrant white flowers are produced on previous year's growth followed by white fruits. Foliage is stiff, leathery and half-evergreen.			
12 to 18 in.....	\$ 3.50	\$ -----	\$ -----
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00

maackii 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.			
12 to 18 in.....	3.00	25.00	-----
18 to 24 in.....	4.00	35.00	-----
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.			
12 to 18 in.	3.00	25.00	-----
18 to 24 in.....	4.00	35.00	300.00
2 to 3 ft.....	5.00	45.00	400.00

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

LONICERA—Continued

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

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

12 to 18 in.	\$ 3.00	\$ 25.00	\$
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00

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

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

12 to 18 in.	3.00	25.00	
18 to 24 in.	4.00	35.00	300.00
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.

18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.00	55.00	500.00

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.

18 to 24 in.	4.00	35.00	
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.00	55.00	500.00
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 hardiness.

	Per 10	Per 100	Per 1000
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.	6.00	55.00	500.00
4 to 5 ft.	7.50	70.00	650.00

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.

12 to 18 in.	\$ 3.00	\$ 25.00	\$
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
3 to 4 ft.	7.00	65.00	600.00
4 to 5 ft.	8.50	80.00	

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

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

12 to 15 in.	7.00	65.00	
15 to 18 in.	8.50	80.00	
18 to 24 in.	11.00	100.00	

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

Produces clusters of scentless white flowers to 1¾ inches in diameter. Habit of branches somewhat straggling.

12 to 18 in.	3.00	25.00	
18 to 24 in.	4.50	40.00	
2 to 3 ft.	5.50	50.00	

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

	Per 10	Per 100	Per 1000
lemoinei, Lemoine Mockorange, May-June, 4-5 feet, Zone 5.			
Free flowering semi-dwarf variety. Sweet scented.			
12 to 18 in.....	\$ 3.50	\$ 30.00	\$.....
18 to 24 in.....	5.00	45.00	-----
2 to 3 ft.....	6.00	55.00	-----

lemoinei Belle Etoile, June, 6 feet, Zone 5.

Single, fragrant, pure white flowers have a slight purple tinge deep in throat when first open and of 2-2 $\frac{3}{4}$ inches in diameter. Not considered hardy north of southern Iowa.

12 to 18 in.....	4.50	40.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

lemoinei Enchantment, June, 8 feet, Zone 5.

A tall growing Lemoine clone producing very fragrant, double, pure white flowers.

12 to 18 in.....	4.50	40.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

lemoinei 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.

12 to 18 in.....	4.50	40.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

virginalis, 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
12 to 18 in.....	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.....	5.00	45.00	400.00
2 to 3 ft.....	6.00	55.00	500.00
3 to 4 ft.....	7.00	65.00	600.00
4 to 5 ft.....	9.00	85.00	-----

virginalis Albatre, June, 5 feet, Zone 5.

Produces double white blooms on a compact plant.

12 to 18 in.....	\$ 4.50	\$ 40.00	\$.....
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

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

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

12 to 18 in.....	4.50	40.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

virginalis Glacier, June, 5 feet, Zone 5.

Produces double white flowers to 1 $\frac{1}{2}$ inch in diameter. Plant is neat and well formed.

12 to 18 in.....	4.50	40.00	-----
18 to 24 in.....	5.50	50.00	-----
2 to 3 ft.....	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS

opulifolius. Common Ninebark. May-June. 9 feet. Zone 2. Per 10 Per 100 Per 1000

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 sheds on larger plants during the winter.

12 to 18 in.	\$ 3.50	\$ 30.00	\$..
18 to 24 in.	4.50	40.00	----
2 to 3 ft.	5.50	50.00	----

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.

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00

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.

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

POTENTILLA

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

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

9 to 12 in.	4.00	35.00	----
12 to 15 in.	5.50	50.00	450.00
15 to 18 in.	6.50	60.00	550.00
18 to 24 in.	8.00	75.00	700.00

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

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

12 to 15 in.	5.50	----	----
15 to 18 in.	6.50	----	----
18 to 24 in.	8.00	----	----

PRUNUS

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

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

	Per 10	Per 100	Per 1000
12 to 18 in.	\$ 4.50	\$ 40.00	\$..
18 to 24 in.	7.00	65.00	----
2 to 3 ft.	9.00	80.00	----
3 to 4 ft.	12.50	110.00	----

glandulosa. Doubleflowering Pink Almond. May. 4½ feet. Zone 4. Per 10 Per 100 Per 1000

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

12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00

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

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

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

ORNAMENTAL SHRUBS—Continued

PRUNUS—Continued

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 plum.

	Per 10	Per 100	Per 1000
18 to 24 in.....	\$ 7.00	\$ 65.00	\$.....
2 to 3 ft.....	9.00	80.00	-----
3 to 4 ft.....	11.00	100.00	-----

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.

12 to 18 in.....	4.00	35.00	-----
18 to 24 in.....	6.50	60.00	550.00
2 to 3 ft.....	8.00	75.00	700.00
3 to 4 ft.....	11.00	100.00	900.00

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.

12 to 18 in.....	4.00	35.00	300.00
18 to 24 in.....	6.00	55.00	500.00
2 to 3 ft.....	7.50	70.00	-----

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.

12 to 18 in.....	4.50	40.00	350.00
18 to 24 in.....	5.50	50.00	450.00
2 to 3 ft.....	7.00	65.00	630.00

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.

12 to 15 in.....	4.50	40.00	-----
15 to 18 in.....	6.00	55.00	-----
18 to 24 in.....	7.00	65.00	-----

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.

9 to 12 in.....	2.50	20.00	-----
12 to 15 in.....	3.00	25.00	-----
15 to 18 in.....	3.50	30.00	-----
18 to 24 in.....	4.00	35.00	-----
2 to 2½ ft.....	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

SAMBUCUS

Per 10 Per 100 Per 1000

canadensis aurea. Golden American Elder. June. 12 feet. Zone 3.

Produces strikingly colorful foliage and flat clusters of white flowers followed by edible blue black fruit.

18 to 24 in.....	\$ 5.00	\$ 45.00	\$.
2 to 3 ft.....	6.50	60.00	---
3 to 4 ft.....	8.00	75.00	---

SPIRAEA

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

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

9 to 12 in.....	3.50	30.00	250.00
12 to 15 in.....	4.50	40.00	350.00
15 to 18 in.....	6.50	60.00	550.00

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.

12 to 18 in.....	3.00	25.00	200.00
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	---	---

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

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

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

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.

9 to 12 in.....	3.00	25.00	200.00
12 to 15 in.....	4.00	35.00	300.00
15 to 18 in.....	5.00	45.00	400.00
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
9 to 12 in.....	\$ 3.00	\$ 25.00	\$200.00
12 to 18 in.....	4.00	35.00	300.00
18 to 24 in.....	4.50	40.00	350.00
2 to 2½ ft.....	5.50	50.00	450.00
2½ to 3 ft.....	6.50	60.00	550.00

cantoniensis. Reeve's Spirea. June. 4 feet. Zone 6.

Per 10 Per 100 Per 1000

Dark leaves remaining green until late fall on a plant similar to Van Houtte in habit. Pure white flowers in dense flat clusters. One of the best for the South.

12 to 18 in.....	\$ 3.00	\$ -----	\$ -----
18 to 24 in.....	4.50	---	---

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.

9 to 12 in.....	3.50	30.00	250.00
12 to 15 in.....	4.50	40.00	350.00
15 to 18 in.....	5.50	50.00	450.00
18 to 24 in.....	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

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.

	Per 10	Per 100	Per 1000
12 to 15 in.....	\$ 4.00	\$ 35.00	\$.....
15 to 18 in.....	5.00	45.00	.....

prunifolia plena. Bridalwreath Spirea. May. 9 feet. Zone 4.

Graceful bush with dark green lustrous leaves turning orange in fall. Pure white, double flowers.

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

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.

12 to 18 in.....	3.00	25.00	200.00
18 to 24 in.....	4.50	40.00	350.00
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.

12 to 18 in.....	2.50	22.00	200.00
18 to 24 in.....	3.50	32.00	300.00
2 to 3 ft.....	4.50	40.00	350.00

SYMPHORICARPOS

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

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

12 to 18 in.....	3.00	25.00	200.00
18 to 24 in.....	3.50	30.00	250.00
2 to 3 ft.....	4.00	35.00	320.00

orbiculatus. Indiangrant 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.

12 to 18 in.....	3.00	25.00	200.00
18 to 24 in.....	3.50	30.00	250.00
2 to 3 ft.....	4.00	35.00	320.00

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.

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

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

ORNAMENTAL SHRUBS—Continued

SYRINGA—Continued

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

Per 10 Per 100 Per 1000

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.

12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	7.50	70.00	650.00

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

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

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

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

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

12 to 18 in.	3.50	30.00	250.00
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	50.00	450.00
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	80.00	

BLUE

	2/3'	18/24"	12/18"	9/12"
Decaisne, single	X	X	X	X
Marechal Lannes, double		X	X	X
President Grevy, double	X	X	X	X

LILAC

Jacques Callot, single		X	X	X
Michel Buchner, double		X	X	X
President Carnot, double	X	X	X	X
Vivian Morel, double	X	X	X	X

MAGENTA

Charles X, single	X	X	X	X
Congo, single	X	X	X	X
Paul Thirion, double		X	X	
Ruhm von Horstenstein, single	X	X	X	X

PINK

Belle de Nancy, double	X	X	X	X
Lucie Baltet, single	X	X	X	X
Macrotaehya, single	X	X	X	X
Mme. Antoine Buehner, double		X	X	X
Waldeck-Ronsseau, double	X	X	X	X

PURPLE

Adelaide Dunbar, double		X	X	X
Charles Joly, double	X	X	X	X
Ludwig Spaeth, single	X	X	X	X

ORNAMENTAL SHRUBS—Continued

SYRINGA—Continued

WHITE

	2/3'	18/24"	12/18"	9/12"
Ellen Willmott, double	X	X	X	X
Marie Le Graye, single		X	X	X
Mme. Abel Chatenay, double	X	X	X	X
Mme. Casimir Perier, double	X	X	X	X
Mme. Florent Stepman, single	X	X	X	X
Mont Blanc, single	X	X	X	X

TAMARIX

Per 10 Per 100 Per 1000

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

Produces a mass of pink flowers in early spring followed by feathery green foliage.

12 to 18 in.	\$ 3.00	\$ 25.00	\$ ----
18 to 24 in.	4.50	40.00	----
2 to 3 ft.	5.50	50.00	----

hispida 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.

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

PINK CASCADE TAMARIX

Plant Patent No. 1275

Masses of flesh-pink panicles in late summer. An outstanding specimen. Fine for seashore planting. Zone 3.

	Per 10	Per 100
12 to 18 in.	\$ 4.00	\$ 35.00
18 to 24 in.	5.00	45.00
2 to 3 ft.	6.00	55.00

VIBURNUM

Per 10 Per 100 Per 1000

acerifolium. Mapleleaf Viburnum. May-June. 6 feet. Zone 3.

Sturdy shrub, easily grown and maintained. Maple like leaves. Small yellowish-white flowers in long stemmed flat clusters. Black berries liked by the birds. Purple fall foliage. Good for shady areas.

12 to 18 in.	\$ 5.50	\$ ----	\$ ----
18 to 24 in.	7.00	----	----

carlesii. Koreanspice Viburnum. May. 5 feet. Zone 4.

Pale rosy-white, extremely fragrant flowers, followed by black berries. A low growing, compact shrub. Reddish to wine red autumn color.

12 to 15 in. Root wrapped in moss and Poly.	11.50	----	----
15 to 18 in. Root wrapped in moss and Poly.	15.00	----	----
18 to 24 in. Root wrapped in moss and Poly.	19.50	----	----

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.

12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	8.00	75.00	700.00

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

dilatatum, Linden Viburnum, June, 9 feet, Zone 5.			
	Per 10	Per 100	Per 1000
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.			
12 to 15 in.	\$ 4.00	\$ 35.00	\$..
15 to 18 in.	5.00	45.00	
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.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	
3 to 4 ft.	8.00	75.00	
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.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.00	45.00	400.00
2 to 3 ft.	6.00	55.00	500.00
3 to 4 ft.	8.00	75.00	
molle, Kentucky Viburnum, June, 12 feet, Zone 3.			
White flowers in long stemmed clusters to 3 inches across. Blue-black fruit.			
12 to 18 in.	4.00		
18 to 24 in.	5.00		
2 to 3 ft.	6.00		
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.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00
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.			
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	7.00	65.00	600.00
prunifolium, Blackhaw Viburnum, May, 15 feet, Zone 3.			
Large shrub or can be grown as small tree with single trunk. White flowers in flat clusters. Blue-black berries about largest of any Viburnum have been popular for preserves since colonial times. Fine for either specimen or mass planting.			
12 to 15 in.	4.00	35.00	
15 to 18 in.	5.00	45.00	
18 to 24 in.	6.50	60.00	
sieboldi, Siebold Viburnum, May, 30 feet, Zone 4.			
Lustrous dark green, 6 inch leaves on a large shrub with very desirable branching habit. Foliage red in fall. Creamy white flowers in flat clusters. Berries bright red on red stems for several weeks, then turning black. Fine specimen plant.			
9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
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.			
9 to 12 in.	3.00	25.00	
12 to 18 in.	4.00	35.00	
18 to 24 in.	5.50	50.00	
2 to 3 ft.	6.50	60.00	

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

trilobum. American Cranberrybush. May. 12 feet. Zone 2.

	Per 10	Per 100	Per 1000
Produces white flowers in flat clusters followed by scarlet berries. Fruit is edible. Scarlet fall foliage coloration.			
9 to 12 in.	\$ 3.00	\$ 25.00	\$ -----
12 to 18 in.	4.00	35.00	300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	-----

VITEX

agnuscastus latifolia. Hardy Chaste-tree. 9 feet. Zones 6-7.

Vigorous hardy shrub with grayish broad leaves. Fragrant lilac or pale lavender flowers in dense spikes, 4 to 6 inches long, in late summer. Will bloom on new wood.

12 to 18 in.	4.00	35.00	-----
18 to 24 in.	5.00	45.00	-----
2 to 3 ft.	6.50	60.00	-----

WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

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

12 to 18 in.	4.00	35.00	-----
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00
3 to 4 ft.	8.50	80.00	750.00

Dwarf variegated. May. 5 feet. Zone 5.

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

12 to 18 in.	4.50	40.00	-----
18 to 24 in.	5.50	50.00	-----
2 to 3 ft.	7.00	65.00	-----

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

Very popular. Displays beautiful, showy pink flowers.

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

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

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

	Per 10	Per 100	Per 1000
12 to 18 in.	\$ 4.00	\$ 35.00	\$ 300.00
18 to 24 in.	5.50	50.00	450.00
2 to 3 ft.	6.50	60.00	550.00
3 to 4 ft.	8.50	80.00	750.00

wagneri Abel Carriere. May. 6 feet. Zone 5.

Red flowers and a good bloomer.

18 to 24 in.	\$ 6.00	\$ -----	\$ -----
2 to 3 ft.	7.00	-----	-----
3 to 4 ft.	8.50	-----	-----

wagneri Candida. June. 9 feet. Zone 5.

Fast growing shrub with large pure white flowers.

12 to 18 in.	4.50	-----	-----
18 to 24 in.	6.00	-----	-----
2 to 3 ft.	7.00	-----	-----
3 to 4 ft.	8.50	-----	-----

ORNAMENTAL SHRUBS—Continued

WEIGELA—Continued

Per 10 Per 100 Per 1000

wagneri Eva Rathke, May, 5 feet, Zone 4.

Brilliant crimson flowers borne in profusion on a spreading shrub.

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

wagneri Henderson, May, 8 feet, Zone 4.

Very hardy. Produces light crimson flowers in abundance.

12 to 18 in.	4.00	35.00	-----
18 to 24 in.	5.50	50.00	-----
2 to 3 ft.	6.50	60.00	-----
3 to 4 ft.	8.50	80.00	-----

wagneri purpurea, May, Zone 4.

An attractive purple leaved shrub with pink flowers.

12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.00	55.00	-----
2 to 3 ft.	7.50	70.00	-----
3 to 4 ft.	9.00	85.00	-----

wagneri Stelzner.

A graceful spreading Weigela producing dark rose trumpets.

12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.00	55.00	-----
2 to 3 ft.	7.50	70.00	-----
3 to 4 ft.	9.00	85.00	-----

The Modified D-4 Caterpillar Digger. Due to ample power and clearance, digging damage is kept to a minimum.

Vines

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

CAMPISIS

	Per 10	Per 100	Per 1000
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.			
2 year, No. 1.....	\$ 4.00	\$ 35.00	\$320.00
2 year, Medium.....	3.00	28.00	250.00

CELASTRUS

orbiculata. Oriental Bittersweet. June. 36 feet. Zone 4.			
An excellent twining vine. Leaves are more rounded than <i>C. scandens</i> and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.			
2 year, No. 1.....	4.00	35.00	320.00
2 year, Medium.....	3.00	28.00	250.00
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.			
2 year, No. 1.....	4.00	35.00	309.00
2 year, Medium.....	3.00	28.00	250.00

CLEMATIS

LARGE FLOWERING CLEMATIS

	Per 10	Per 100
2½ inch pot plants.....	\$ 6.50	\$ 60.00
Jackman, large, violet-purple.		
Lanuginosa Candida, white.		
Mme. Edouard Andre, velvety purplish red.		
Mme. Veillard, lilac rose.		
Ramona, blue.		
White,		

	Per 10	Per 100	Per 1000
paniculata. Sweet Autumn Clematis. August. 30 feet. Zone 5.			

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

2 year, No. 1.....	\$ 5.50	\$ 50.00	\$ ----
2 year, Medium.....	4.50	40.00	----

EUONYMUS

fortunei coloratus. Purpleleaf Wintercreeper. 4 feet. Zone 5.

An excellent ground cover with leaves an inch long turning a purplish red in fall. Retains fall foliage color all winter.

2 year, No. 1 ..	5.50	50.00	450.00
2 year, Medium.....	4.50	40.00	350.00

fortunei radicans. Common Wintercreeper. 25 feet. Zone 5.

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

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

fortunei vegetus. Bigleaf Wintercreeper. 6 feet. Zone 5.

Leaves are rounded, thick, leathery and evergreen. Produces bright orange fruits in great profusion.

2 year, No. 1.....	7.00	65.00	600.00
2 year, Medium.....	6.00	55.00	500.00

VINES—Continued

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.

	Per 10	Per 100	Per 1000
2 year, No. 1	\$ 4.50	\$ 40.00	\$350.00
2 year, Medium	4.00	35.00	300.00

Per 10 Per 100 Per 1000

heckrofti 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.

2 year, No. 1	\$ 4.50	\$ 40.00	\$
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
2 year, No. 1	\$ 2.50	\$ 22.00	\$200.00
2 year, Medium	2.00	18.00	150.00

Per 10 Per 100 Per 1000

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 3.

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

2 year, No. 1	\$ 4.00	\$ 35.00	\$
2 year, Medium	3.00	28.00	.....

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.

2 year, No. 1	4.00	35.00	320.00
2 year, Medium	3.00	28.00	250.00

tricuspidata veitchii. 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.

2 year, No. 1	6.50	60.00	.....
2 year, Medium	4.50	40.00	.....

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.

2 year, No. 1	5.00	45.00	.....
2 year, Medium	4.00	35.00	.....

Hedging

BERBERIS

Per 100 Per 1000

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

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

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

9 to 12 in. 2 year seedlings, branched	11.00	100.00
12 to 15 in. 2 and 3 year seedlings, branched	16.00	140.00
15 to 18 in. 2 and 3 year seedlings, branched	21.00	180.00
18 to 24 in. 2 and 3 year seedlings, branched	24.00	220.00

CARAGANA

arborescens. Siberian Peashrub.

Per 100 Per 1000

9 to 12 in.	\$ 2.50	\$ 20.00
12 to 18 in.	3.50	30.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	6.00	55.00

LIGUSTRUM

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

Per 100 Per 1000

Produces white flowers in small spikes followed by dull, small black berries.		
9 to 12 in., branched	\$ 8.50	\$ 75.00
12 to 18 in., 2 canes and up	12.00	100.00
12 to 18 in., 3 canes and up	14.00	120.00
18 to 24 in., 2 canes and up	14.00	120.00
18 to 24 in., 3 canes and up	16.50	140.00
2 to 3 ft., 2 and 3 canes and up	16.50	140.00

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

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

9 to 12 in., branched	8.50	75.00
12 to 18 in., branched	12.00	100.00
18 to 24 in., branched	14.00	120.00
2 to 3 ft.	16.50	140.00

viearyi. Vicary Golden Privet. July. 12 feet. Zone 5.

Per 10 Per 100

Golden yellow foliage during entire season. White flowers in small clusters. Blue-black berries.

9 to 12 in. 2¼ in. pots	\$ 2.40	\$ 20.00
12 to 15 in. 2¼ in. pots	3.20	28.00

vulgare. European Privet. June. 15 feet. Zone 4.

Per 100 Per 1000

Widely grown privet. Prominent pyramidal clusters of flowers followed by shiny black berries when not closely clipped.

9 to 12 in.	\$ 8.50	\$
12 to 18 in.	14.00	

vulgare. Plant Introduction No. 107630.

A selection of vulgare that gives evidence of being somewhat more hardy than the species. Reports on file show no damage from cold or dry weather in Sioux Falls, South Dakota; Boise, Idaho; and Sheridan, Wyoming.

9 to 12 in.	12.00	100.00
12 to 18 in.	16.50	140.00
18 to 24 in.	19.00	160.00

Vulgare Thompson. Thompson Privet.

Rapid growing, bushy.

12 to 18 in.	16.50	140.00
18 to 24 in.	19.00	160.00

HEDGING—Continued

Per 100 Per 1000

LONICERA

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

Globe shape without shearing.

9 to 12 in.	\$11.00	\$100.00
12 to 18 in.	16.00	140.00

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

Flowers are rosy pink outside and light pink inside.

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

tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

Deep pink flowers. Good foliage and form.

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

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.

9 to 12 in.	11.00	100.00
12 to 18 in.	16.00	140.00
18 to 24 in.	21.50	190.00

ROSA

multiflora. Japanese Rose. 10 feet. Zone 5.

One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.

1/4 to 3/8 in. cal.	5.00	45.00
No. 1, 3/16 to 1/4 in.	4.00	35.00
No. 2, 2/16 to 3/16 in.	3.00	25.00
No. 3, about 2/16 in.	2.10	18.00

wichuraiana. Wichura Rose. Memorial Rose. July. Zone 5.

Truly procumbent. Valuable ground cover. Single, white, 2 inch flowers.

1/4 in. and up.	5.50	50.00
No. 1, 3/16 to 1/4 in.	4.50	40.00
No. 2, 2/16 to 3/16 in.	3.50	32.00
No. 3, about 2/16 in.	3.00	25.00

SPIRAEA

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

Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.

9 to 12 in.	8.50	75.00
12 to 18 in.	12.00	100.00
18 to 24 in.	15.50	140.00

ULMUS

pumila. Siberian Elm.

An excellent hedging material, "Lining Out Stock."

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

Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

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

25 of each variety is a minimum order for potted liners.

Per 100 Per 1000

ACER

ginnala. Ginnala Maple.

6 to 12 in.	\$ 4.50	\$ 40.00
12 to 18 in.	5.50	50.00
18 to 24 in.	7.50	65.00

saccharinum. Silver Maple. 1 and 2 year seedlings.

6 to 12 in.	2.50	20.00
12 to 18 in.	3.50	30.00
18 to 24 in.	4.50	40.00
2 to 3 ft. 2 yr. slightly branched	7.00	60.00
3 to 4 ft. 2 yr. slightly branched	10.00	90.00
4 to 5 ft. 2 yr. slightly branched	16.00	140.00

AMORPHA

fruticosa. Indigobush Amorpha.

6 to 12 in.	7.50	60.00
12 to 18 in.	10.00	90.00

CALLICARPA

dichotoma. Purple Beautyberry.

6 to 12 in.	7.50	60.00
12 to 18 in.	10.00	85.00
18 to 24 in.	12.50	100.00

CARAGANA. Siberian Peashrub.

6 to 12 in.	2.10	18.00
12 to 18 in.	3.50	30.00
18 to 24 in.	4.50	40.00
2 to 3 ft.	6.50	55.00

CATALPA

Speciosa. Northern Catalpa.

6 to 12 in.	1.40	12.00
12 to 18 in.	2.50	20.00
18 to 24 in.	3.50	30.00

CELASTRUS

orbiculatus. Oriental Bittersweet.

6 to 12 in.	7.50	60.00
12 to 18 in.	10.00	90.00

CERCIS. canadensis. Eastern Redbud.

6 to 12 in.	4.50	40.00
12 to 18 in.	7.00	60.00
18 to 24 in.	12.00	100.00
2 to 3 ft.	16.00	140.00

CORNUS

alba sibirica. Siberian Dogwood.

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

anomum. Silky Dogwood.

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

racemosa. Gray Dogwood.

9 to 12 in.	4.50	35.00
12 to 18 in.	6.50	60.00

scolonifera. Redosier Dogwood.

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

LINING OUT STOCK—Continued

Per 100 Per 1000

CORNUS—Continued

stolonifera flaviramea. Yellowtwig Redosier Dogwood.

9 to 12 in.	\$ 4.50	\$ 35.00
12 to 18 in.	6.50	60.00
18 to 24 in.	8.50	80.00

CRATAEGUS

mollis. Downy Hawthorn.

9 to 12 in.	9.00	75.00
12 to 18 in.	12.00	100.00

oxyacantha. English Hawthorn.

9 to 12 in.	7.00	60.00
12 to 18 in.	9.00	75.00

DIOSPYROS

Virginiana. Common Persimmon.

6 to 12 in.	3.50	30.00
12 to 18 in.	4.50	40.00
18 to 24 in.	5.50	50.00

ELAEAGNUS

angustifolia. Russian Olive.

6 to 12 in.	2.50	20.00
12 to 18 in.	4.00	35.00
18 to 24 in.	5.50	-----

FRAXINUS

americana. White Ash.

6 to 12 in.	1.80	15.00
12 to 18 in.	2.50	20.00
18 to 24 in.	3.50	30.00

pennsylvanica lanceolata. Green Ash. 1 and 2 year seedlings.

6 to 12 in.	1.80	15.00
12 to 18 in.	2.50	20.00
18 to 24 in.	3.50	30.00

GLEDITSIA

triacanthos inermis. Thornless Honeylocust.

6 to 12 in.	1.80	15.00
12 to 18 in.	3.00	25.00
18 to 24 in.	4.00	35.00

GYMNOCLADUS

dioicus. Kentucky Coffeetree.

6 to 9 in.	6.00	50.00
9 to 12 in.	7.00	60.00
12 to 18 in.	9.00	80.00

JUGLANS

nigra. Black walnut. 2 year seedlings.

12 to 18 in.	4.50	40.00
18 to 24 in.	7.00	60.00
2 to 3 ft.	9.00	80.00
3 to 4 ft.	10.00	90.00

LIQUIDAMBER

styraciflua. American Sweetgum.

9 to 12 in.	9.00	75.00
12 to 18 in.	12.00	100.00

MALUS

Apple Seedlings, Washington grown.

No. 1, 3/16 to 1/4 in., branched	4.30	38.00
No. 1, 3/16 in. and up, straight	4.70	42.00
No. 2, 2/16 to 3/16 in., branched	3.50	30.00
No. 2, 2/16 to 3/16 in., straight	3.50	30.00

LINING OUT STOCK—Continued

Per 100 Per 1000

MORUS**alba tatarica. Russian Mulberry.**

6 to 12 in.	\$ 1.80	\$ 15.00
12 to 18 in.	2.50	20.00
18 to 24 in.	3.50	30.00

POPULUS**Carolina and Norway Poplar. 1 yr. hardwood cuttings.**

2 to 3 ft.	7.50	65.00
3 to 4 ft.	9.50	85.00
4 to 5 ft.	14.00	120.00
5 to 6 ft.	21.00	180.00

Lombardy Poplar. 1 year hardwood cuttings.

2 to 3 ft.	7.50	65.00
3 to 4 ft.	10.00	90.00
4 to 5 ft., lightly branched	14.00	120.00
5 to 6 ft., lightly branched	21.00	180.00

PRUNUS**American, Native Plum Seedlings.**

¼ in. and up	4.50	40.00
No. 1, 3/16 to ¼ in.	4.00	35.00
No. 2, 2/16 to 3/16 in.	3.00	25.00

Mahaleb, Mahaleb Cherry Seedlings.

No. 1, 3/16 to ¼ in.	4.30	38.00
No. 2, 2/16 to 3/16 in.	3.50	30.00

Mazzard, Mazzard Cherry Seedlings.

No. 1, 3/16 to ¼ in.	4.30	38.00
No. 2, 2/16 to 3/16 in.	3.50	30.00

Tomentosa, Nanking Cherry Seedlings.

No. 1, 3/16 to ¼ in.	5.80	52.00
No. 2, 2/16 to 3/16 in.	5.20	47.00

PYRUS**Bartlett Pear Seedlings, Washington grown.**

¼ in. and up, branched	4.70	42.00
¼ in. and up, straight	4.70	42.00
No. 1, 3/16 to ¼ in., branched	4.30	38.00
No. 1, 3/16 to ¼ in., straight	4.30	38.00

QUERCUS**borealis. Northern Red Oak. 2 and 3 year seedlings.**

9 to 12 in.	7.00	60.00
12 to 18 in.	9.00	80.00
18 to 24 in.	14.00	120.00

palustris. Pin Oak. 2 and 3 year seedlings.

9 to 12 in.	7.00	60.00
12 to 18 in.	9.00	80.00
18 to 24 in.	14.00	120.00
2 to 3 ft.	22.50	200.00
3 to 4 ft.	33.00	300.00

QUINCE**Angers Rooted Cuttings, Washington grown.**

¼ in. and up	7.20	65.00
No. 1, 3/16 to ¼ in.	6.70	60.00

LINING OUT STOCK—Continued

RHODOTYPOS

Per 100 Per 1000

Scandens. Black Jetbead.

6 to 12 in.	\$ 4.50	\$ 40.00
12 to 18 in.	6.00	50.00

RHUS

aromatica. Fragrant Sumac.

6 to 12 in.	4.50	40.00
12 to 18 in.	6.00	50.00

ROBINIA

pseudoacacia. Black Locust.

6 to 12 in.	1.80	15.00
12 to 18 in.	2.60	22.00
18 to 24 in.	3.50	30.00

SALIX

alba tristis. Niobe Willow.

2 to 3 ft.	9.00	80.00
3 to 4 ft.	14.00	120.00
4 to 5 ft.	16.50	150.00

alba vitellina. Yellowstem White Willow.

2 to 3 ft.	5.50	50.00
3 to 4 ft.	8.50	75.00
4 to 5 ft.	11.00	100.00

blanda. Wisconsin Weeping Willow.

2 to 3 ft.	9.00	80.00
3 to 4 ft.	14.00	120.00
4 to 5 ft.	16.50	150.00
5 to 6 ft.	22.50	200.00

SORBUS

aucuparia. European Mountainash.

6 to 12 in.	7.00	60.00
12 to 18 in.	9.00	75.00
18 to 24 in.	12.00	100.00

SYRINGA

josikaea. Hungarian Lilac. 2 year seedlings.

6 to 9 in. seedlings	4.00	35.00
9 to 12 in. seedlings	6.50	60.00
12 to 18 in. seedlings	8.50	75.00

vulgaris. Common Purple Lilac. 1 year seedlings.

6 to 9 in. seedlings	3.00	25.00
9 to 12 in. seedlings	4.00	35.00
12 to 18 in. seedlings	6.50	60.00
18 to 24 in. seedlings	8.50	80.00

LINING OUT STOCK—Continued

TAMARIX

hispidula Summer Glow.

Per 100 Per 1000

This grade ideal for containers.

9 to 12 in. 1 cane.....	\$ 5.50	\$ 50.00
12 to 18 in. 1 cane.....	7.00	60.00
18 to 24 in. 1 cane.....	9.00	75.00
2 to 3 ft. 1 cane.....	12.00	100.00

ULMUS

americana. American Elm.

6 to 12 in.....	2.00	18.00
12 to 18 in.....	2.50	22.00
18 to 24 in.....	3.50	30.00
2 to 3 ft.....	4.50	40.00
3 to 4 ft.....	7.00	60.00

pumila. Chinese Elm. 1 and 2 year seedlings.

12 to 18 in.....	2.50	22 00
18 to 24 in.....	3.50	30.00
2 to 3 ft.....	4.50	40.00
3 to 4 ft. Root pruned.....	7.00	60.00
4 to 5 ft. Root pruned.....	12.00	100.00
5 to 6 ft. Root pruned.....	19.00	160.00
6 to 8 ft. Root pruned.....	28.00	250.00

VIBURNUM

dentatum. Arrowwood. 1 year seedlings.

9 to 12 in.....	9.00	75.00
12 to 18 in.....	12.00	100.00
18 to 24 in.....	16.00	140.00

lantana. Wayfaringtree *Viburnum*. 1 and 2 year seedlings.

9 to 12 in.....	7.00	65.00
12 to 18 in.....	9.00	75.00
18 to 24 in.....	12.00	100.00
2 to 3 ft.....	16.00	140.00

opulus. European Cranberrybush.

9 to 12 in.....	9.00	75.00
12 to 18 in.....	12.00	100.00

VITEX

agnuscastus latifolia. Hardy Chastetree.

6 to 12 in.....	7.00	65.00
12 to 18 in.....	9.00	75.00

ZELKOVA

serrata. Japanese Keaki Tree.

6 to 9 in.....	2.50	20.00
9 to 12 in.....	3.50	30.00
12 to 18 in.....	4.50	40.00
18 to 24 in.....	5.50	50.00

Specimen Evergreens

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

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

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

ABIES

Per 10 Per 100

concolor. White Fir. 70-80 feet. Zone 3.

Large, gray-green needles on a symmetrical tree. Fine shape is held even when old.

2 to 2½ ft.	\$35.00	\$
2½ to 3 ft.	45.00	

JUNIPERUS

chinensis aurea. Golden Pfitzer.

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

15 to 18 in.	30.00	
18 to 24 in.	35.00	

chinensis moutbatten.

New columnar with silvery green foliage that holds its color well all winter.

18 to 24 in.	35.00	325.00
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00

chinensis pfitzeriana. Pfitzer Juniper. Zone 4.

Valuable natural spreading habit of growth.

12 to 15 in.	22.50	200.00
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
2 to 2½ ft.	37.50	350.00
2½ to 3 ft.	42.50	400.00

chinensis pfitzeriana compacta.

Compact form of Pfitzer.

15 to 18 in.	32.50	300.00
18 to 24 in.	37.50	350.00

chinensis pfitzeriana Silver Blue. Blueleaf.

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

12 to 15 in.	27.50	250.00
15 to 18 in.	32.50	300.00
18 to 24 in.	37.50	350.00
2 to 2½ ft.	45.00	425.00

chinensis sargentii. Sargent Juniper.

Prostrate shrub with creeping stems.

12 to 15 in.	27.50	250.00
15 to 18 in.	32.50	300.00

chinensis sargentii Ames. Ames Juniper.

Broad upright plant, tapering to a pointed top.

18 to 24 in.	37.50	350.00
2 to 2½ ft.	45.00	425.00

chinensis Sargentii I-O-Ace.

Good green tapering upright with broad base.

18 to 24 in.	37.50	350.00
2 to 2½ ft.	45.00	425.00

chinensis sargentii Maneyi. Maneyi Juniper.

Prostrate variety that does well in shaded areas. Hardy.

15 to 18 in.	32.50	300.00
2 to 2½ ft.	45.00	425.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

communis hibernica. Irish Juniper.

	Per 10	Per 100
A dense, upright form of <i>communis</i> . Very symmetrical with glaucous green foliage.		
18 to 24 in.	\$15.00	\$125.00
2 to 3 ft.	22.50	200.00
3 to 4 ft.	30.00	275.00

excelsa stricta. Spiny Greek Juniper. 4-5 feet.

Rather broad base tapering to a pointed terminal top. Gray-green foliage.		
2 to 2½ ft.	25.00	225.00
3 to 3½ ft.	35.00	325.00

horizontalis plumosa. Andorra Juniper.

Foliage more feathery and a lighter green than <i>horizontalis</i> . Turns pinkish to purple color in autumn and remains until new growth starts.		
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00
2 to 2½ ft.	37.50	350.00
2½ to 3 ft.	42.50	400.00

procumbens. Japgarden Juniper. Zone 5.

Spreading shrub to 2 feet high.		
15 to 18 in.	35.00	325.00
18 to 24 in.	42.50	400.00
2 to 2½ ft.	50.00	475.00

procumbens nana. Dwarf Japgarden Juniper. Zone 5.

Handsome low shrub often planted as a ground cover.		
12 to 15 in.	37.50	---
15 to 18 in.	42.50	---

sabina. Savin Juniper.

Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.		
15 to 18 in.	27.50	250.00
18 to 24 in.	32.50	300.00

scopulorum Moffeti.

Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.		
2 to 2½ ft.	42.50	---
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	525.00

scopulorum Pathfinder.

Compact pyramidal habit. Silvery-blue foliage.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00

scopulorum Sutherland.

Broad pyramid of bluish green color.		
2 to 2½ ft.	42.50	---
2½ to 3 ft.	47.50	---

scopulorum Welchi.

Of columnar habit and greenish silver color.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	525.00

virginiana Burki.

Columnar growth habit and steel blue thick foliage. Responds to pruning.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	525.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

virginiana Canaert.

	Per 10	Per 100
Of columnar habit and greenish silver color.		
2 to 2½ ft.	\$45.00	\$425.00
2½ to 3 ft.	50.00	475.00
3 to 3½ ft.	57.50	
3½ to 4 ft.	65.00	

virginiana Cupressifolia.

Resembles Canaerti in color and form but grows faster.		
3 to 3½ ft.	55.00	
3½ to 4 ft.	62.50	

virginiana glauca.

Very blue-gray leaves.		
2 to 2½ ft.	45.00	425.00
2½ to 3 ft.	50.00	

virginiana Hill Dundee.

Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	525.00
3½ to 4 ft.	62.50	600.00

virginiana Keteleer.

Compact pyramidal form with ascending branches and dark green scale-like foliage.		
2 to 2½ ft.	42.50	400.00
2½ to 3 ft.	47.50	450.00
3 to 3½ ft.	55.00	525.00
3½ to 4 ft.	62.50	600.00
4 to 4½ ft.	70.00	675.00

PICEA

abies. Norway Spruce. 80-100 feet. Zone 2.

Dark green foliage. Rapid grower.		
18 to 24 in.	30.00	275.00
2 to 2½ ft.	35.00	

glauca densata. Black Hills Spruce. 60 feet.

Most compact, symmetrical, tall spruce. Green foliage with bluish tint.		
15 to 18 in.	20.00	
18 to 24 in.	25.00	
2 to 2½ ft.	32.50	

PINUS

mughus. Mugho Pine. 4 feet. Zone 3.

Deep green foliage. Dwarf, compact round head.		
12 to 15 in.	37.50	350.00
15 to 18 in.	42.50	400.00
18 to 24 in.	50.00	

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.		
2 to 3 ft.	45.00	
3 to 4 ft.	60.00	550.00
4 to 5 ft.	75.00	700.00

SPECIMEN EVERGREENS—Continued

PSEUDOTSUGA.

	Per 10	Per 100
taxifolia douglasii. Douglas Fir. 70-80 feet.		
Hardy gray-green pyramid. Rapid grower.		
2 to 2½ ft.	\$45.00	\$.....
2½ to 3 ft.	55.00	.....

THUJA**occidentalis globosa. Globe Arborvitae. 3 feet.**

Popular globe type for sun or shade.

12 to 15 in.	15.00	125.00
15 to 18 in.	20.00	175.00
18 to 24 in.	25.00	225.00
2 to 2½ ft.	30.00	275.00

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.

12 to 15 in.	15.00	
15 to 18 in.	20.00	175.00
18 to 24 in.	25.00	225.00
2 to 2½ ft.	30.00	.....

occidentalis Pyramidal. Pyramidal American Arborvitae.

Foliage of rich green. Narrow, pyramidal habit.

18 to 24 in.	25.00	225.00
2 to 2½ ft.	30.00	275.00
2½ to 3 ft.	32.50	300.00
3 to 3½ ft.	37.50	350.00

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

- Ami Quinard**, (6.3) 2 F. Dark velvety crimson, almost black.
- Charlotte Armstrong**, (9.0) 3 F. Long pointed bud. Double spectrum-red to cerise blooms on long stems. Vigorous compact bush.
- Christopher Stone**, (8.1) 2 F. Vivid-scarlet, free blooming plant.
- Crimson Glory**, (9.1) 3 V. Large, double, deep velvety crimson with shadings.
- Etoile de Hollande**, (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering.
- Poinsettia**, (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer.
- Red Radiance**, (7.9) 3 V. Bright rosy red, free blooming.

PINK SHADES

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

YELLOW SHADES

- Eclipse**, (8.1) 3 F. Long-pointed buds of deep gold opening to golden yellow blooms on long stems. Profuse bloomer.
- Golden Dawn**, (7.5) 1 V. Double bloom of light sunflower yellow. Bud flushed old rose. Low spreading plant.
- Joanna Hill**, (7.1) 2 F. Double blooms of golden buff, yellow center.
- McGredy's Yellow**, (7.5) 2 S. Large, double flowers of bright buttercup yellow.
- Soeur Therese**, (7.5) 2 S. Double, rich yellow blooms. Bronze foliage.

ROSES—Continued

TEA, HYBRID TEAS AND EVERBLOOMING—Continued

TWO-TONED SHADES

- Comtesse Vandal**, (7.5) 2 F. Long, pointed, orange-copper buds. Large double blooms of salmon and coppery pink on strong stems.
- Condesa de Sastago**, (7.4) 3 F. Petals are coppery pink inside, golden reverse.
- Pres. Herbert Hoover**, (7.7) 3 F. Varying orange shades with lighter outside petals. Double.
- Talisman**, (6.5) 3 F. Golden yellow and copper blooms on long stems.

WHITE SHADES

- K. A. Viktoria**, (6.7) 3 S. Very double, snowy white, lemon tinted center.
- McGredy's Ivory**, (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.
- Mme. Jules Bouche**, (7.0) 2 F. White with pale blush center. Persistent bloomer.
- Pedralbes**, (7.4) 2 S. Cream turning to pure white. Large, double.
- Rex Anderson**, (6.9) 2 F. An outstanding exhibition rose of delicate lovely ivory-white. Flowers perfectly formed and slow opening.

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

- Alain**, (7.7) 2 S. Medium sized semi-double flower of bright carmine red in clusters. Glossy dark foliage. Upright, bushy plant.
- Dagmar Spaeth**, (8.2) 2 F. Alabaster white, edged pink.
- Eutin**, (8.6) 2 S. Immense clusters of double, carmine-red flowers. Vigorous grower. Mildew resistant bush. Continuous bloomer.
- Floradora**, (8.2) 3 S. Scarlet and geranium red floribunda producing double 50 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.
- Frensham**, (8.6) 2 S. Deep unfading scarlet in large trusses. Semi-double. Free blooming.
- Garnette**, (7.8) 2 S. Garnet-red with light lemon yellow base. Double.
- King Boreas**, (6.9) 2 F. Very double. pure yellow shading to nearly white. Recurrent bloomer. Hardy.
- Lafayette Improved**, (7.8) 2 S. Large flowers of bright cherry-crimson.
- Permanent Wave**, (8.1) 3 S. Bright carmine, semi-double flowers in clusters. Edges of petals wavy.
- Pinocchio**, (7.8) 2 F. Blooms double, pink suffused salmon in long sprays.
- Rosenelfe**, (8.2) 2 F. Double, LaFrance pink flowers in clusters on long, strong stems.
- Summer Snow**, (7.4) 2 S. The most prolific of white floribundas. Flowers in large clusters.
- World's Fair**, (8.0) 2 F. Blooms in large clusters of deep crimson fading to scarlet.

ROSES—Continued

CLIMBERS AND RAMBLERS

	Per 10	Per 100	Per 1000
Blaze, () Everblooming. An improved strain that blooms through-out the summer. Produces brilliant scarlet red flowers of large size.			
No. 1	\$ 7.00	\$ 65.00	\$600.00
No. 1½	6.00	55.00	500.00
City of York, (8.6) F. Semi-double, creamy-white in clusters of 7 to 15. Very vigorous climber and blooms profusely.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	4.00	35.00	---
Cl. American Beauty, (7.6) V. Flowers rose-red on long stems in June.			
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.20	28.00	---

Climbing Hybrid Tea

	Per 10	Per 100	Per 1000
No. 1	\$ 7.00	\$ 65.00	\$600.00
No. 1½	6.00	55.00	500.00

Caledonia, () Large double white.

Pink Radiance, () Rose pink.

Red Radiance, () Light red.

Talisman, () Pink blend.

	Per 10	Per 100	Per 1000
Cl. Summer Snow, () Glacier white double blooms in large clusters. A persistant bloomer, vigorous and hardy.			
No. 1	\$ 7.00	\$ 65.00	\$600.00
No. 1½	6.00	55.00	500.00
No. 2	4.50	40.00	---
Doubloons, (7.1) F. Double, rich gold, fragrant flowers in clusters on strong stems.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	4.00	35.00	---
New Dawn, (8.8) S. Fragrant blush pink flowers in clusters Everblooming.			
No. 1	6.50	60.00	550.00
No. 1½	5.50	50.00	450.00
No. 2	4.00	35.00	---
Paul's Scarlet, (9.1) S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.			
No. 1	6.00	55.00	500.00
No. 1½	5.00	45.00	400.00
No. 2	3.50	30.00	250.00

MISCELLANEOUS SHRUB ROSE

	Per 10	Per 100	Per 1000
Austrian Copper, single , brilliant orange-red flowers inside and yellow outside.			
9 to 12 in.	\$ 5.00	\$ 45.00	\$---
12 to 18 in.	5.50	50.00	---
18 to 24 in.	6.00	55.00	---

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
Arlene Francis , (7.1) 2 F. Patent No. 1684. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Golden yellow 5 inch blooms average from 20 to 25 petals. Medium tall plant with good foliage. Prolific bloomer; hardy.				
No. 1	\$1.65	\$ 1.50	\$ 1.40	\$
No. 1½	1.32	1.20	1.12	.....
Aztec , (7.7) Patent No. 1648. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double, high-centered blooms.				
No. 1	1.50	1.37½	.....	.....
No. 1½	1.20	1.10	.....	.....
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.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
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.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Chrysler Imperial , (8.8) 2 V. Patent No. 1167. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like luster of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Duet, () 2 S. Patent No. 1903. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Large urn shaped bud. Double high centered flower with light pink petals and dark pink or light red reverse. The blooms borne singly and several together have good lasting qualities. Leathery dark green foliage. Disease resistant. Vigorous upright plant. Profuse bloomer. A.A.R.S. Award 1961.				
No. 1	\$1.90	\$ 1.75	\$	\$
No. 1½	1.52	1.40		
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.				
No. 1	1.40	1.25	1.20	
No. 1½	1.12	1.00	.96	
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.				
No. 1	1.10	1.00		
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.				
No. 1	1.65	1.50	1.40	
No. 1½	1.32	1.20	1.12	
Garden Party, Patent No. 1814. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.				
No. 1	1.65	1.50		
No. 1½	1.32	1.20		
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.				
No. 1	1.05	.92½	.85	
No. 1½	.84	.74	.68	

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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.				
No. 1	\$1.50	\$ 1.37½	\$...	\$...
No. 1½	1.20	1.10	1.04	....
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.				
No. 1	1.05	.92½	.85	....
No. 1½	.84	.74	.68	....
Kordes Perfecta, (7.8) Patent No. 1604. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Urn shaped buds open into flowers of 4 to 5 inches and 65 to 70 petals. Blooms are high-centered, very fragrant, cream tipped and then flushed crimson, suffused yellow. Long, strong stems. Dark, glossy foliage.				
No. 1	1.85	1.75	1.55	....
No. 1½	1.48	1.40	1.24	....
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.				
No. 1	1.40	1.25	1.20	1.10
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.				
No. 1	1.25	1.12½	....	....
No. 1½	1.00	.90	.84	....
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.				
No. 1	1.25	1.12½	1.05	....
No. 1½	1.00	.90	.84	....

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Mojave, (7.4) 2 F. Patent No. 1176. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) Slender bud opening into a blend of salmon, apricot and orange. A Charlotte Armstrong Cross that has many of its parents fine characteristics.				
No. 1	\$1.50	\$ 1.37½	\$ 1.30	\$.
No. 1½	1.20	1.10	1.04	..
New Yorker, (8.0) 2 F. Patent No. 823. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
No. 1	1.40	1.25		..
No. 1½	1.12	1.00		..
Nocturne, (8.1) 3 V. Patent No. 713. (Retails \$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.				
No. 1	1.25	1.12½	1.05	
No. 1½	1.00	.90	.84	
Peace, (9.6) 3 S. Patent No. 591. (Retails \$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.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Pink Peace, (7.3) Patent No. 1759. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Very fragrant and non-fading pink blooms are borne individually on long stems. The vigorous upright plant is quite generous with the 60-65 petal flowers. Disease resistant leathery leaves.				
No. 1	1.65	1.50		
No. 1½	1.32	1.20	1.12	
Rubaiyat, (8.2) 3 V. Patent No. 758. (Retails \$1.85 ea.; 3 or more \$1.65 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.				
No. 1	1.05	.92½		
No. 1½	.84	.74		

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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.				
No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
No. 1½	1.00	.90	.84	.76
Sterling Silver , (7.2) 2 V. Patent No. 1433. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Silver-lavender flowers 4 to 5 inches across with sweet fragrance. Medium tall plant, vigorous and free blooming, with dark green, leathery foliage.				
No. 1	1.65	1.50	---	---
No. 1½	1.32	1.20	---	---
Suspense , (..) Patent applied for. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Yellow buds opening to a good lasting bloom of Turkey red with outside of petals yellow-ochre. Flowers 6 inches across have 55 to 60 petals and a slight tea fragrance. Borne singly. Leathery glossy, dark green leaves. Upright bushy plant. Free, continuous bloom.				
No. 1	1.65	1.50	---	---
No. 1½	1.32	1.20	---	---
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.				
No. 1	1.40	1.25	1.20	---
No. 1½	1.12	1.00	.96	---
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.				
No. 1	1.25	1.12½	---	---
No. 1½	1.00	.90	---	---
Tallyho , (8.4) 3 V. Patent No. 828. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Ovoid buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A.A.R.S. Award for 1949.				
No. 1	1.25	1.12½	1.05	---
No. 1½	1.00	.90	.84	---
Tiffany , (8.8) 3 V. Patent No. 1304. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.				
No. 1	1.50	1.37½	1.30	---
No. 1½	1.20	1.10	1.04	---

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Twilight , (6.1) 2 F. Patent No. 1434. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Double blooms in a pastel tint of lavender-lilac with silvery reverse. Flowers usually borne singly on 12 to 15 inch stems. The 20 to 24 inch plant has excellent foliage.				
No. 1	\$1.50	\$ 1.37½	\$	\$
No. 1½	1.20	1.10		
White Knight , (7.2) Patent No. 1359. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.				
No. 1	1.65	1.50	1.40	1.30
No. 1½	1.32	1.20	1.12	1.04

PATENTED CLIMBERS

Cl. Blossomtime , (8.3) V. Patent No. 1240. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Flowers of hybrid tea form, light pink with deeper tones on the outside. Moderate climber. Profuse bloom all season.				
No. 1	1.40	1.25		
No. 1½	1.12	1.00		
Cl. Chrysler Imperial , (7.6) Patent No. 1528. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) A.A.R.S. award winner for 1958 in climbing form. Long tapered crimson buds in vigorous canes open to vivid oxblood red. Good foliage.				
No. 1	1.50	1.37½	1.30	
No. 1½	1.20	1.10	1.04	
Cl. Crimson Glory , (8.3) V. Patent No. 736. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Produces an abundance of perfectly formed crimson colored blooms.				
No. 1	1.50	1.37½		
No. 1½	1.20	1.10		
Cl. Golden Showers , (7.4) F. Patent No. 1557. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Golden Showers is the first winter-hardy ever blooming pillar and climbing rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. Award Winner.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96
Cl. Peace , (7.2) S. Patent No. 932. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Climbing form of the famous Hybrid Tea. Blooms lemon-yellow, edged rose-pink. Very dark glossy foliage.				
No. 1	1.40	1.25	1.20	
No. 1½	1.12	1.00	.96	

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Don Juan , (8.2) Patent No. 1864. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Pillar type. Constant display of deep velvety red 5 inch flowers with delightful fragrance. Color holds, does not burn. Excellent for cutting. Very hardy.				
No. 1	\$1.65	\$ 1.50	\$	\$
No. 1½	1.32	1.20	....	....

PATENTED FLORIBUNDA

Baby Blaze , (7.6) Patent No. 1362. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
No. 1	1.10	1.00	.95	....
No. 1½	.88	.80	.76	....
Chatter , (7.3) Patent No. 739. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.				
No. 1	.90	.75	.70	.65
No. 1½	.72	.60	.56	.52
Circus , (7.8) Patent No. 1382. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) A.A.R.S. Award for 1956. The first Floribunda ever to win this award. 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.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
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.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
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. Award Winner 1960.				
No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
No. 1½	1.12	1.00	.96	.88
Fusilier, (7.8) Patent No. 1709. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Gold Cup, (7.1) Patent No. 1683. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1958 A.A.R.S. Award.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Goldilocks, (7.3) 1 F. Patent No. 672. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.				
No. 1	1.00	.87½	.80	.75
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.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
Ivory Fashion, (8.0) Patent No. 1688. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Buds resemble those of a Hybrid Tea, and the high centered flower is almost 4 inches wide when open. The ivory color is set off by a suggestion of yellow in the bud stage and the petals hold well after opening. The plant achieves a height of some 30 inches. Bloom period is unusually long. 1959 A.A.R.S. Award.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Jiminy Cricket, (7.5) 2 V. Patent No. 1346. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Little Darling, (8.5) 2 F. Patent No. 1581. (Retail \$2.25 ea.; 3 or more \$2.00 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.				
No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
No. 1½	1.00	.90	.84	.76
Ma Perkins, (7.9) 2 V. Patent No. 1143. (Retail \$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.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Masquerade, (7.8) 3 S. Patent No. 975. (Retail \$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.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Pinkie, (7.6) 1 S. Patent No. 712. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Medium size, semi-double flower of Neyron rose. Cupped blooms are borne in large trusses. Soft glossy foliage on a dwarf, bushy 2 foot plant. A.A.R.S. Award winner.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
Red Pinocchio, (8.8) 2 F. Patent No. 812. (Retail \$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.				
No. 1	1.00	.87½	.80	.75
No. 1½	.80	.70	.64	.60
Sarabande, () Patent No. 1761. (Retail \$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.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Spartan, (8.3) 2 V. Patent No. 1357. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Clusters of burnt orange buds open slowly to a huge high-centered hybrid tea shaped bloom of bright orange red. Strong vigorous plant blooms long and abundantly.				
No. 1	\$1.40	\$ 1.25	\$	\$
No. 1½	1.12	1.00		
The Texan (7.9) 3 V. Patent No. 1471. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.				
No. 1	1.25	1.12½	1.05	.95
No. 1½	1.00	.90	.84	.76
Vogue, (8.2) 2 S. Patent No. 926. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. Award for 1952.				
No. 1	1.10	1.00	.95	.85
No. 1½	.88	.80	.76	.68
White Bouquet, (7.5) 2 F. Patent No. 1415. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) First white floribunda to win A.A.R.S. award, 1957. Spicy fragrant flowers to 4 inches across in clusters and as individual flowers. Golden yellow stamens. Dark green foliage. 18 to 24 inches tall.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

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
Buccaneer, (7.3) 3 F. Patent No. 1119. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.				
No. 1	\$1.40	\$ 1.25	\$ 1.20	\$
No. 1½	1.12	1.00	.96	

ROSES—Continued

PATENTED GRANDIFLORA ROSES—Continued

	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.				
No. 1	\$1.10	\$ 1.00	\$.95	\$.85
No. 1½	.88	.80	.76	.68
June Bride, (7.5) 3 F. Patent No. 1770. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fine pointed bud opens white tinged cream. Long lasting bloom both on bush and as cut flower. Does well in dry weather. Vigorous plant with excellent foliage.				
No. 1	1.40	1.25	1.20	---
No. 1½	1.12	1.00	.96	---
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.				
No. 1	1.50	1.37½	1.30	1.20
No. 1½	1.20	1.10	1.04	.96
Queen Elizabeth, (9.0) 3 F. Patent No. 1259. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88
Pink Parfait, () 3 F. Patent No. 1904. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Perfect buds and high centered blooms borne profusely on a robust plant, all ideal for cutting. Delicate pastel blends vary with the weather from salmon-buff at the heart of the flower to rich rose-pink at the tips of the petals. Disease resistant. A.A.R.S. Award 1961.				
No. 1	1.90	1.75	1.65	---
No. 1½	1.52	1.40	1.32	---
Starfire, (8.1) Patent No. 1742. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Produces bright cherry-red blooms, both singly and in clusters, and is exceptionally hardy. Its growth is compact, and luxuriant bronze foliage sets off the blooms in a distinctive manner. 1959 A.A.R.S. Award.				
No. 1	1.65	1.50	1.40	1.30
No. 1½	1.32	1.20	1.12	1.04

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.			
No. 1	\$1.00	\$.90	\$.85
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.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68
Orange Ruffels, (6.2) 2 F. (Retail \$1.85 ea.; \$18.00 per doz.) Long pointed bud opening into a double, curled and frilled flower of orange shading to saffron yellow. Dark glossy foliage.			
No. 1	1.00	.90	.85
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.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68
V for Victory, (6.6) 3 V. Patent No. 543. (Retail \$1.85 ea.; \$18.00 per doz.) Long pointed buds open to double flowers of spectrum-yellow with red at center. Large glossy foliage on a vigorous bushy plant.			
No. 1	1.00	.90	.85
No. 1½	.80	.72	.68

Peonies

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

The roots offered are strong 3/5 eye divisions, true to name, and from healthy 3 year old clumps. Available after September 15th.

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

Avalanche, (8.7) Large white. Late mid-season.

Couronne d'Or, (8.1) Pure white. Red tipped center petals. Late mid-season.

David Harum, (8.4) Double clear bright crimson. Strong stems. Good cut flower. Midseason.

Edulis superba, (7.6) Very fragrant bright pink. Early.

Felix Crousse, (8.4) Brilliant crimson of even tone and silky lustre. Midseason.

Festiva Maxima, (9.3) Pure white with crimson flecked center. Early.

Francois Ortegat, (8.7) Purplish crimson. Midseason.

Georgiana Shaylor, (8.9) Fragrant light rose pink. Guard and center petals splashed crimson. Late midseason.

Judge Berry, (8.6) Large flat flowers of delicate pink and fine texture. Early.

Karl Rosenfield, (8.8) Very large, semi-rose type. Brilliant red. Late midseason.

Livingstone, (8.1) Deep pink. Crimson flecked center. Late.

Lord Kitchener, (7.6) Brilliant cherry-red. Rose type. Earliest of all Chinese Peonies.

Mikado, (8.6) One of best reds of Japanese type. Cupped crimson petals, center staminodes dark rose-red, tipped with buff-yellow. Tall. Midseason.

Mme. de Verneville, (7.9) Large fragrant flower. Very full bomb type. Guard petals sulphur-white, center petals rose-white with carmine touches. Early.

Mons Jules Elie, (9.2) Very large, light rose-pink. Early midseason. Excellent.

Philomele, (7.7) Guard petals bright violet-rose, anemone center on narrow creamy yellow petals. Honey fragrance. Strong upright grower. Midseason.

Rachel, (7.9) Rose type. Large double garnet flowers. Midseason.

Reine Hortense, (8.7) Hydrangea-pink with crimson flecked center. Semi-rose type. Midseason.

Sarah Bernhardt, (9.0) Double rose-pink with petals edged a trifle lighter. Late midseason.

Above varieties

Per 10 Per 100
\$ 4.00 \$ 35.00

Adolphe Rousseau, (8.5) Shining crimson with dark shading. Early.

Ella Christiansen, (9.0) Double dark pink blooms. Late midseason.

Fanny Crosby, (7.7) Yellow with pink guard petals. Very strong floriferous plant. Early.

James Kelway, (8.7) White with golden glow at base of petals. Early midseason.

Lady Alexandra Duff, (9.1) Large blooms in clusters with smaller side flowers. Pale blush-pink, almost white. Yellow stamens. Midseason.

Mary Brand, (8.7) Red with little trace of purple. Long lasting cut flower. Does not fade in sun. Midseason.

Souv. de Louis Bigot, (9.1) Very large, dark rose-pink. Strong stems. Midseason.

Tourangelle, (9.4) Large flat flowers on long stems. Pearly white, overlaid with delicate salmon and shades of La France rose. Rose type. Late midseason.

Above varieties

Per 10 Per 100
\$ 6.00 \$ 55.00

Myrtle Gentry, (9.6) Light pink that gradually fades to almost pure white.

The large bloom is perfect rose form with great broad rounded petals of wonderful substance. Tints of flesh and salmon show throughout the petals. Strong stems hold flowers well above the foliage. Tea rose fragrance. Late.

\$.70 each

PEONIES—By Color

PINK	\$.25 each
RED	.25 each
WHITE	.30 each

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

ACHILLEA, Milfoil or Yarrow

Filipendulina (Fernleaf Yarrow). Golden floral heads during summer. Splendid for cutting and perennial border. 2 to 3 feet. \$ 1.80 \$ 15.00

Ptarmica, The Pearl (Sneezewort Yarrow). Large double white blooms during summer. Fine for cutting and borders. 18 inches. 2.10 18.00

ALTHEA rosea. Hollyhock.

Garden favorites in separate colors. Double.

Pink, Red, White, Yellow 1.80 15.00

ALYSSUM, Rock Madwort

Saxatile compactum, Goldentuft Alyssum. Large clusters of bright yellow flowers in early spring. Fine for rockery or border. One of the best early yellows to use with Tulips. 12 inches. 1.80 15.00

AQUILEGIA, Columbine. May-June.

Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late. 2.10 18.00

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

ASTERS, HARDY — Starwort or Michaelmas Daisy. Sept-Oct.

Beechwood Challenger, clear crimson-red, free-flowering. 3½ ft. 2.10 18.00

Blue Lagoon, new variety of Nova-Belgii type. 2.10 18.00

Mt. Everest, finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft. 2.10 18.00

CAMPANULA, Bellflower

medium (Single Canterburybells), large bell-shaped flowers.

Blue, Rose and White, separate colors, June. 2 ft. 1.40 12.00

CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2¼ inch pot plants.

Algonquin, a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early. 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

Dr. Longley, double, bright rose pink. Very early. 18 inches. 2.90 25.00

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

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

	Per 10	Per 100
Indiana , double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches.	\$ 2.40	\$ 20.00
Magnificent , unusual rosy cardinal blooms on a fine plant. Mid-season.	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
September Bronze , golden bronze pompon. Late. 12 inches.	2.10	18.00
Violet , double purple, dahlia like blooms. University of Minnesota introduction. Late August. 20 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

CARNATION HARDY—See Dianthus Grenadin Caryophyllus.**CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.**

Alaska Supreme , shapely plants, large flowers. June-July.	1.20	10.00
--	------	-------

COREOPSIS, Tickseed. 2½-3 feet.

Large yellow blooms with firm, long stems. Fine cut flower. Good for background in perennial borders.	1.40	12.00
--	------	-------

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
Nigricans , very dark crimson flowers; bronzy foliage.	1.40	12.00
Scarlet Beauty . 18 inches.	1.40	12.00

DIANTHUS GRENADIN CARYOPHYLLUS
(HARDY CARNATION)

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

	Per 10	Per 100
Cardinal , bright scarlet.	\$ 1.80	\$ 15.00
Golden Sun , early, double, large clear yellow flowers.	1.80	15.00
Rose Queen Triumph , deep delicate pink.	1.80	15.00
White	1.80	15.00

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
GYPSOPHILIA, Baby's Breath.		
<i>paniculata</i> , pinkish white. July. 2 feet.	1.20	10.00
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
HEUCHERA, Coral bells.		
<i>Brizoides</i> , coral-pink, very prolific. May. 12 in.	1.50	13.00
IBERIS, Hardy Candytuft.		
<i>sempervirens</i> , each plant is a sheet of white in May and June. Plants are dwarf, deep green foliage almost evergreen. 8 in.	1.40	12.00
LATHYRUS, Everlasting Sweet Pea.		
<i>latifolium</i> , lovely trailing plant that blooms all summer. Pink, Red and White. 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 are offered Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Adonis, scarlet crimson. Tall.	\$ 2.50	\$ 20.00
Antoinette Six, unusually large heads of pure white.	1.80	15.00
Border Queen, a fine gleaming rich pink.	1.80	15.00
B. Simone 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
Prime Minister, pure white and distinct crimson eye.	1.80	15.00

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

	Per 10	Per 100
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
PHLOX, subulata, Moss or Mountain Pinks.		
alba , pure white flowers cover the compact plant in May.	1.80	15.00
atropurpurea , deep carmine red, darker eye. May-June. 4 in.	1.80	15.00
Blue Emerald Cushion , a fine blue upon a mat of excellent emerald foliage.	2.10	18.00
Emerald Cushion , a new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox.	2.10	18.00
May Snow , an extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2.10	-----
Moerheimi , an excellent Dutch introduction producing angel pink flowers in spring.	2.10	-----
Sky Blue , a fine compact plant with light blue flowers in a splendid display.	1.80	15.00
PLATYCODON, Balloon Flower. June and July. 18 inch. Blue and Pink.	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
VINCA (Periwinkle)		
Minor, Bowles Variety. Broad, glossy green foliage of strong texture. Excellent ground cover. Larger and deeper blue flowers than common minor are borne in profusion.	2.50	20.00
YUCCA FILAMENTOSA		
Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery and stands out among all other plants. June-July. From root divisions.	2.10	18.00

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 recurved flowers. June. 15 in.		
No. 1	\$ 1.00	\$ 8.00
No. 2	.70	6.00

HARDINESS ZONES of the UNITED STATES and CANADA

REPRODUCED FROM "SHRUBS AND VINES FOR AMERICAN GARDENS" AND "TREES FOR AMERICAN GARDENS" BY DONALD WYMAN, PUBLISHED BY THE MACMILLAN COMPANY, NEW YORK

Increase Sales.....

Increase Profits with

Full-O-Life

PACKAGED NURSERY STOCK

- Attractively Packaged
- 4-color Picture Labels
- Easy to Handle —
Fast Selling
- Free Sales Aids

A COMPLETE LINE . . .

Roses • Fruit & Shade Trees
Shrubs • Vines • Hedging
Small Fruits • Peonies

Write Today For Full-O-Life Price List

INDEX

Page	Page	Page
Abies -----51	Gaillardia -----73	Privet -----44
Acanthopanax -----21	Gleditsia -----10, 11, 12, 47	Prunus -----17, 33, 34, 48
Acer -----7, 8, 21, 46	Golden Elder -----35	Pseudotsuga -----54
Alpine Currant -----34	Gooseberry -----5	Pyrethrum -----74
Althea -----28	Grapes -----5	Pyrus -----48
Amorpha -----46	Gymnocladus -----12, 47	
Ampelopsis -----48		
Apple -----1, 2		
Apple Seedlings -----47	Hackberry -----8	Quercus -----17, 18, 48
Apricots -----2	Halesia -----12	Quince -----48
Aquilegia -----71	Hamamelis -----28	
Arborvitae -----54	Hedging -----44-45	
Aronia -----21	Hemerocallis -----73	
Ash -----10, 47	Hibiscus -----28, 71	Raspberry -----6
Asparagus -----4	Honeylocust -----10, 11, 12, 47	Red Bud -----9, 46
	Honeysuckle -----30, 40, 43, 45	Rhodotypos -----34, 49
	Horseradish -----6	Rhubarb -----6
	Hydrangea -----28, 29	Rhus -----34, 49
	Hypericum -----29	Ribes -----34
		Rosa -----45
Barberry -----21, 22, 44		ROSES
Beautybush -----30	Ilex -----29	Climbing -----57
Betula -----8		Flor. & Poly. -----56
Bignonia -----42		Hybrid Tea -----55, 56
Birch -----8	Jetbead -----34, 49	Patented Cli. -----63, 64
Bittersweet -----42, 46	Juglans -----12, 47	Patented Flor. -----64-67
Blackberry -----5	Juniper -----51-53	Patented Grand. -----67, 68
Bleeding Heart -----73		Pat. H. T. -----53-62
Boston Ivy -----43		Pat. Sub-Zero -----69
Boysenberry -----5		Russian Olive -----10, 47
Buddleia -----22		
Buttonbush -----28		
	Kerria -----29	
	Kolkwitzia -----30	
Callicarpa -----22, 46		
Campsis -----42	Laburnum -----13	Sage -----74
Caragana -----23, 44	Lagerstroemia -----30	Salix -----18, 34, 49
Caryopteris -----23	Lathyrus -----73	Salvia -----74
Catalpa -----46	Ligustrum -----44	Sambucus -----35
Celastrus -----42, 46	Lilac -----36, 37, 38, 49	Seedlings -----46-50
Celtis -----8	Lilies -----74	Shade Trees -----7-20
Cephalanthus -----23	Linden -----19	Shrubs -----21-41
Cercis -----9, 46	Lining Out Stock -----46-50	Silverlace -----48
Chaenomeles -----23	Liquidambar -----47	Small Fruits -----5-6
Cherry -----2, 3	Locust -----10, 11, 12, 47, 49	Snowball -----39
Chionanthus -----24	Lonicera -----30, 40, 43, 45	Sophora -----19
Chrysanthemums -----71, 72	Lythrum -----73	Sorbus -----19, 49
Clematis -----42		Spirea -----35, 36, 45
Coffeetree -----12, 47	Malus -----13, 14, 15, 47	Spruce -----53
Columbine -----71	Maple -----7, 8, 46	Sumac -----34, 49
Coralberry -----36	Mockorange -----31, 32	Sweet Pea -----73
Corktree -----16	Morus -----48	Sycamore -----16
Cornus -----9, 24, 46, 47	Mountain Ash -----19, 49	Symphoricarpos -----86
Cotinus -----25	Mulberry -----48	Syringa -----36, 37, 38, 49
Cotoneaster -----25		
Crab -----13, 14, 15	Nanking Cherry -----34	Tamarix -----38, 50
Crapemyrtle -----30	Ninebark -----33	Teucrium -----74
Crataegus -----9, 47		Thorn -----9, 47
Currant -----5		Thuja -----54
		Tilia -----19
Daisy -----72, 74	Oak -----17, 18, 48	Trumpet Creeper -----42
Deutzia -----25		Tuberoses -----74
Dianthus -----72		
Dicentra -----73	Parthenocissus -----43	Ulmus -----19, 20, 50
Diospyros -----9, 47	Peach -----3	
Dogwood -----9, 24, 46, 47	Pear -----4	
	Perennials -----70-74	
Elaeagnus -----10, 47	Persimmon -----9, 47	Viburnum -----38, 39, 40, 50
Elm -----19, 20, 50	Phellodendron -----16	Vines -----42, 43
Engelmann Ivy -----43	Philadelphus -----31, 32	Vitex -----40, 50
Euonymus -----25-26, 42	Phlox -----73, 74	
Evergreens -----51-54	Physocarpus -----33	
Exochorda -----27	Picea -----53	Walnut -----12, 47
	Pines -----53	Weigela -----40, 41
Fir -----51, 54	Platanus -----16	Willow -----18, 84, 49
Forsythia -----27, 28	Platycodon -----74	Witchhazel -----28
Fraxinus -----10, 47	Plum -----4	
Fruit Trees -----1-4	Polygonum -----43	
Fruit Tree Seedlings -----47, 48	Poplar -----16, 48	
Funkia -----73	Potentilla -----33	Zelkova -----50