Musser Forests, Inc.
1880 Route 119 Hwy N
Indiana, PA 15701-7341

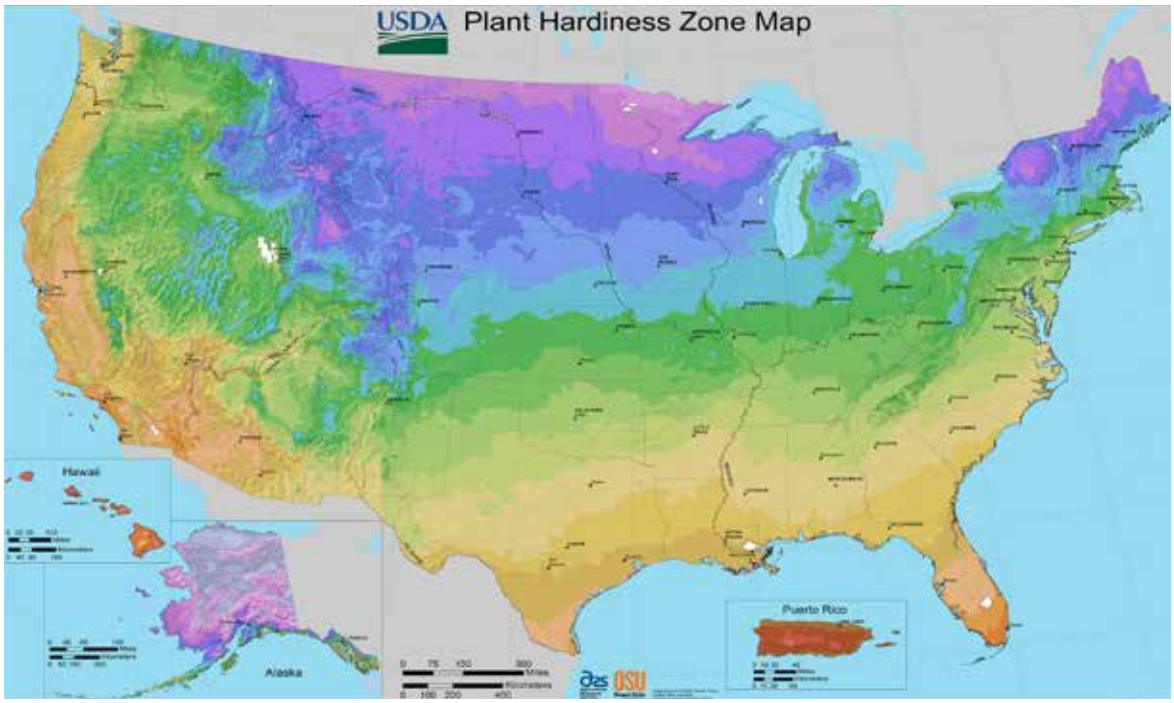
PRESORTED
STANDARD
U.S. Postage
P A I D
Musser Forests
Inc.

Fall 2020/Spring 2021

Musser Forests, Inc.

Index

Agricultural Regulations....3
Arborvitae: All varieties....16
Ash: Green, White....8
Azalea, Girards Rose....17
Barberry, Helmond Pillar....8
Birch, River....8
Book....5, 10, 12, 14, 18
Boxwood, Green Mountain....19
Buckeye: Red, Yellow....9
Butternut....9
Buttonbush....9
Cherry, Wild Black....9
Chestnut: American Hybrid, Chinese....9
Chokeberry, Black....9
Chokecherry....10
Crownvetch....18
Cypress: Bald, Gold Thread....7
Deer And Rabbit Repellent....11, 15
Deer Fencing....16
Dogwood: All varieties....10
Elder, American....10
Falsecypress, Red Star....7
Fertilizer....12
Fir: All varieties....6
Forsythia, Lynwood Gold....10
Garden Supply....6, 9, 10, 11, 12, 15, 16, 17
Gift Certificate....7
Ground Cover: All varieties....18
Hazelnut, American....11
Hemlock, Canadian....7
Hickory: Pignut, Shagbark....11
Holly: All varieties....8
Honeylocust, Thornless....11
Horsechestnut....11
Individually Packaged Trees....19
Ivy, English....18
Juniper: All varieties....16, 17
KBC Bar....9
Larch, Eastern....7
Lilac, Old Fashioned....11
Locust, Black....11
Maple: All varieties....12
Mountainash, American....12
Myrtle....18
Oak: All varieties....12, 13
Order Form....Back Cover
Osage Orange....14
Pachysandra: All varieties....18
Paw Paw....14
Perennial: All varieties....19
Persimmon, American Common....14
Pine: All varieties....4, 5
Poplar: All varieties....14
Redcedar, Eastern....7
Redwood, Dawn....7
Rhododendron: All varieties....17
Rosa Rugosa, Sandy....14
Serviceberry, Shadblow....14
Shipping Information....3 and Back Cover
Soil Moist Plant Tabs....11
Soil Moist Root Dip....17
Soil Moist Transplant....6
Spirea: All varieties....14
Spruce: All varieties....5, 6
Sweetgum, American....15
Sycamore, American....15
Tool....9
Viburnum: All varieties....15
Walnut, Black....15
Warranty....3
Water Gel....10,12
Willow: All varieties....15
Zone Map....2



Temp (F)	Zone	Temp (C)
-60 to -55	1a	-51.1 to -48.3
-55 to -50	1b	-48.3 to -45.6
-50 to -45	2a	-45.6 to -42.8
-45 to -40	2b	-42.8 to -40
-40 to -35	3a	-40 to -37.2
-35 to -30	3b	-37.2 to -34.4
-30 to -25	4a	-34.4 to -31.7

Temp (F)	Zone	Temp (C)
-25 to -20	4b	-31.7 to -28.9
-20 to -15	5a	-28.9 to -26.1
-15 to -10	5b	-26.1 to -23.3
-10 to -5	6a	-23.3 to -20.6
-5 to -0	6b	-20.6 to -17.6
0 to 5	7a	-17.6 to -15
5 to 10	7b	-15 to -12.2

Temp (F)	Zone	Temp (C)
10 to 15	8a	-12.2 to -9.4
15 to 20	8b	-9.4 to -6.7
20 to 25	9a	-6.7 to -3.9
25 to 30	9b	-3.9 to -1.1
30 to 35	10a	-1.1 to 1.7
35 to 04	10b	1.7 to 4.4
40 to 45	11a	4.4 to 7.2

Temp (F)	Zone	Temp (C)
45 to 50	11b	7.2 to 10
50 to 55	12a	10 to 12.5
55 to 60	12b	12.5 to 15.6
60 to 65	13a	15.6 to 18.3
65 to 70	13b	18.3 to 21.1

COVER PHOTO: Spring Landscape

Growth rate of plants stated in descriptions are based on optimum growing conditions without shearing. We cannot guarantee growth rate or survival rate. Most plants can be sheared to maintain a smaller size. As plant sizes are dependent upon summer and early fall weather, sizes listed in catalog are approximated at the time of printing. No adjustments will be made based on size discrepancies.

TREE SPACING

TIMBER PRODUCTION

Tree spacing will depend on your objectives and site conditions. There is no "ideal" layout, if your objective is timber production, spacing trees with 50 to 100 square feet per tree is reasonable, i.e. an 8 ft. x 10 ft. spacing is 80 square feet per tree; a 10 ft. x 10 ft. spacing is 100 square feet per tree. This would calculate to 850 to 450 trees per acre.

EVERGREEN SEEDLINGS AND TRANSPLANTS

Number of Trees Required per Acre for Different Spacing:

3x3	4,840	5x5	1,742
4x4	2,722	6x6	1,210

For Christmas tree planting, we recommend 1,200 per acre at 6x6 ft. spacing.

WHAT DO THE FIGURES 3-0 OR 2-2 MEAN?

3-0 Seedling

2-2 Transplant

Plastic Pot

THE FIGURES 3-0, 2-1, 2-2 indicate the number of years the trees have been in the seed beds and the transplant beds. The sum of all figures is the total age of the tree. Transplants have a heavier stem, heavier root system and are more branched than seedlings. Plants in plastic pots are 3 to 4 years of age.

BARE ROOT PLANTS Spring Shipping: Starts approximately March 15-May15. Fall Shipping: Starts approximately September 15-November 15.

POTTED PLANTS Shipped year around.

PINE SPECIES RESTRICTED TO: CA, HI, MT, NV, OR.

THE FOLLOWING STATES PROHIBIT SHIPMENT OF POTTED PLANTS: AL, AK, AZ, AR, CA, CO, HI, ID, KS, MS, MT, NE, NV, NM, ND, OK, OR, PR, SD, TX, UT, WA AND BRITISH COLUMBIA.

AGRICULTURE REGULATIONS PROHIBIT SHIPMENT OF PLANTS CONTAINING SOIL TO THE FOLLOWING: HI and Puerto Rico. All stock shipped to these destinations must be bare root.

AGRICULTURE REGULATIONS PROHIBIT SHIPMENT OF ASH TO THE FOLLOWING: AL, AK, AZ, AR, CA, CO, CT, DE, FL, GA, HI, ID, KS, LA, ME, MA, MN, MS, MT, NE, NV, NH, NM, NC, ND, OK, OR, PR, RI, SC, SD, TX, UT, VT, WA, WY.

All nursery stock entering Canada must be treated to meet agricultural regulations. Please contact our office for details and applicable charges.

Agricultural regulations in specific states prohibit the shipment of the following items: AZ: Butternut, Hickory, Pecan, Walnut; AR: Walnut; CA: Apple, Butternut, Cherry, Chestnut, Chokecherry, Crabapple, Hickory, Hollyhock, Juniper, Oak, Pecan, Persimmon, Plum, Redcedar, Walnut; CO: Following Cherry (Mahaleb, Montmorency, Sweet, Wild Black), Plum; FL: Chestnut, Dogwood, Oak; MA: Barberry, Black Locust, Burning Bush; ME: Hemlock; MI: Chestnut, Hemlock, Walnut; MN: Barberry, Walnut; MO: Walnut; NE: Barberry, Walnut; NH: Barberry, Burning Bush, Hemlock; NM: Butternut, Hickory, Pecan, Walnut; NY: Barberry; NC: Walnut; ND: Barberry; OH: Barberry, Hemlock; OR: Blueberry, Following Cherry (Mahaleb, Montmorency, Purpleleaf Sand, Wild Black), Chestnut, Chokecherry, Hollyhock, Oak, Plum; TX: Butternut, Hickory, Pecan, Walnut; VT: Barberry, Hemlock; WA: Barberry, Blueberry, Cherry, Chestnut, Chokecherry, Hollyhock, Plum. Please note: All regulated items listed above may not be available in our current catalog. Agriculture regulations are subject to change without prior written notice. All orders subject to change according to current regulations.

NORWAY SPRUCE TRANSPLANTS

NORWAY SPRUCE REGULAR SEEDLING, LEFT PRECISION SOWN, RIGHT

PRECISION SOWN SEEDLINGS

We are offering 2 and 3 year seedlings sown with our Summit Seeder. This machine is calibrated to sow seed perfectly spaced in the row. The result is better rooted, better branched and more uniform plants.

WARRANTY

We warrant to deliver plants true to name, as set forth in our catalog. If, upon proper proof, our nursery stock should prove to be not true to name, a replacement of the proper plants, or a substitute of equal value will be made. If in transportation or handling by carrier, our nursery stock should become damaged prior to delivery to buyer, the facts shall be reported to the seller in writing, or via phone call immediately upon receipt. A claim will then be filed with carrier. If claim is valid, seller will replace damaged nursery stock. No claims will be honored for nursery stock picked up by the buyer from the nursery one (1) or more days later than the exact pick up date specified on the order by the buyer. Claims for replacements will be considered only on losses of over forty percent (40%) on seedlings and losses over twenty percent (20%) on transplants, rooted cuttings and potted plants. IT IS MUTUALLY AGREED BETWEEN THE PURCHASER AND THE SELLER THAT SELLER WILL NOT AT ANY TIME BE LIABLE FOR ANY AMOUNT GREATER THAN THE ORIGINAL PRICE OF THE NURSERY STOCK.

We will not be responsible for delays or damage in shipment. We will not be responsible for damages which may occur as a result of conditions beyond our control, such as drought, flooding, wind, winter damage, improper soil conditions or other acts of God.

Growth rates as stated in our catalog are based on optimum growing conditions and seller makes no warranty for growth rate, productivity or merchantability of our nursery stock. ALL SIZES LISTED IN OUR CATALOG ARE APPROXIMATE AT THE TIME OUR CATALOG IS PRINTED. NO ADJUSTMENTS WILL BE MADE FOR SIZE DISCREPANCIES.

Instructions for making a claim:

1. **Notify us in writing within three (3) days after receipt of nursery stock.**
2. **Note length of time shipment was in transit.**
3. **State condition of nursery stock on arrival.**
4. **State name, age, size and exact quantity of plants lost.**
5. **Remit one-half (1/2) of the purchase price of trees lost, plus charges for shipping and handling.**
6. **Please refer to your order number.**

Upon receipt of a claim properly validated, the replacement stock will be sent at a proper planting time, shipping and handling charges to be paid by purchaser.

NO CLAIMS, FOR ANY REASON, WILL BE CONSIDERED AFTER 90 DAYS OF RECEIPT OF SHIPMENT.

WAIVER OF IMPLIED WARRANTIES

We are not responsible, under any conditions, for the quality, productiveness or merchantability of our nursery stock. This warranty which is given expressly and in lieu of all other warranties expressed or implied of merchantability and fitness constitutes the only warranty made by the seller. Orders are accepted without liability for non-performance if labor shortages, delays in transportation or acts of God prevent us from making delivery.

SHIPPING AND HANDLING CHARGES ARE APPROXIMATE COSTS. YOU WILL BE BILLED FOR ADDITIONAL CHARGES AFTER SHIPMENT IF ACTUAL CHARGES EXCEED THE AMOUNT YOU REMITTED.

Visit Our Website at
www.musserforests.com

PINE

AMERICAN RED PINE

JAPANESE BLACK PINE

MUGHO PINE

Each year we produce a variety of native conifer and hardwood seedlings and transplants along with ground covers, landscaping shrubs and perennials. We offer the broadest selection of plant material available from one nursery. Musser Forests grown plants are shipped throughout the entire United States.

AMERICAN RED PINE ☼ *Pinus resinosa* • Zone 2-5 • Also known as Norway Pine. Excellent timber tree. Height to 75 feet with a spread of 15 to 20 feet. Needles are medium to dark green and soft; 4 to 6 inches long. Bark is reddish-brown. Ordinary to poor soil. Can withstand dry, windy, rocky conditions. A fine ornamental tree as a specimen due to its dense, spreading growth habit, with a broad pyramidal head. Good for naturalizing and as a screen or windbreak.

ITEM NO.				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
ARPIN12	2-Yr. Seedlings	2-0	2-4"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
ARPIN33	3-Yr. Seedlings	3-0	6-12"	3.02	2.22	1.62	.93	.83	.50
ARPIN54	4-Yr. Seedlings	4-0	18-24"	3.34	2.54	1.94	1.11	.99	.60
ARPINT4	4-Yr. Transplant	2-2	8-12"	4.15	3.35	2.75	1.57	1.40	.85

AUSTRIAN PINE ☼ *Pinus nigra* • Zone 3-7 • Growth 50 to 60 feet. Spread 20 to 40 feet. Stiff, dark green needles 3 ½ to 6 ½ inches long. Dense, pyramidal growth. Ordinary to poor soil. Does equally well in limestone or acidic soil. Can take dry, rocky, windy conditions. Will tolerate seaside conditions and limited amounts of highway salt. Excellent specimen tree for naturalizing. Also good for thick screen or windbreak. Good timber tree.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
AUPIN12	2-Yr. Seedlings	2-0	3-6"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
AUPIN43	3-Yr. Seedlings	3-0	10-15"	3.02	2.22	1.62	.93	.83	.50

BRISTLECONE PINE ☼ *Pinus aristata* • Zone 4-7 • Sometimes called Hickory Pine or Foxtail Pine. This pine rarely grows over 20 feet. This tree is a dwarf, growing very slowly; 1 to 2 inches per year. Its dark bluish-green needles, 5 in a bundle, are usually less than 1 ½ inches long. Likes ordinary to poor soil, good drainage. A unique specimen in a garden or island planting. Excellent bonsai subject.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BRPIN13	3-Yr. Seedlings	3-0	2-3"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40

JAPANESE BLACK PINE ☼ *Pinus thunbergii* • Zone 5-8 • Medium growth 20 to 80 feet. Stiff, dark green needles are 2 in a bundle and 3 to 5 inches long. Grows best in moist, fertile, well drained soil. A dense spreading pine with pendulous branches and a broad pyramidal head. The best evergreen for planting along the seashore in the northeastern United States. Withstands seashore conditions. Good for windbreaks, screens, Japanese gardens, bonsai.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
JBPIN12	2-Yr. Seedlings	2-0	3-6"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
JBPIN53	3-Yr. Seedlings	3-0	15-20"	3.02	2.22	1.62	.93	.83	.50

MUGHO PINE ☼ *Pinus mugo pumilio (Most Dwarf Strain)* • Zone 3-7 • Mugho Pine is also known as Swiss Mountain Pine. Height to 2 feet. Spread to 5 feet. A dwarf prostrate, low growing, spreading pine. Dark green, stiff needles, in pairs, 2 to 3 inches long. Ordinary soil. Can tolerate poor, rocky, dry, windy conditions. This plant is widely used in foundation plantings. Excellent for rock gardens and Japanese gardens. An excellent bonsai subject.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
MUPIN12	2-Yr. Seedlings	2-0	2-4"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
MUPIN13	3-Yr. Seedlings	3-0	4-6"	3.02	2.22	1.62	.93	.83	.50

PONDEROSA PINE ☼ *Pinus ponderosa* • Zone 3-6 • Also known as Western Yellow Pine or Bull Pine. Height of 80 to 120 feet. Its soft needles are 2 or 3 in a bundle and 5 to 11 inches long. Thrives in poor soil. Shows good salt tolerance. Not recommended for small places. Older trees develop a characteristic plate-like bark. Good for naturalizing, specimens, windbreaks and timber.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
POPIN22	2-Yr. Seedlings	2-0	4-8"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
POPIN43	3-Yr. Seedlings	3-0	10-15"	3.02	2.22	1.62	.93	.83	.50
POPIN54	4-Yr. Seedlings	4-0	15-20"	3.34	2.54	1.94	1.11	.99	.60

SCOTCH PINE ☼ *Pinus sylvestris 'French Highland Strain'* • Zone 4-7 • *FAST GROWING* • Seed is from French Alpine Region. Short needle is blue-green. Hardy, for use north of central NY,WI,MI,MN,MT,WY, CANADA.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
FRPIN12	2-Yr. Seedlings	2-0	3-6"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
FRPIN43	3-Yr. Seedlings	3-0	10-15"	2.86	2.06	1.46	.83	.74	.45
FRPIN54	4-Yr. Seedlings	4-0	15-20"	3.34	2.54	1.94	1.11	.99	.60

SCOTCH PINE ☼ *Pinus sylvestris 'Macedonian Strain'* • Zone 4-7 • *FAST GROWING* • This conifer should grow 60 to 70 feet in height, with a spread of 15 to 20 feet. Short, pointed green to blue-green foliage. Good winter color. Branches are stiff and durable. Best in well drained soils, but tolerates poor soils such as sandy, rocky and even heavy clay very well. Extremely hardy. Disease resistant. Drought tolerant. Plant in full sun. Valued as an ornamental and landscape plant. Widely used in parks, gardens, windbreaks and for erosion control. Scotch Pine is the most common Christmas tree in the United States.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
MAPIN43	3-Yr. Seedlings	3-0	10-15"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

SCOTCH PINE

Pinus sylvestris 'Spanish Strain' • **Zone 5-8** • ***FAST GROWING*** • Seed is from Guaderrama Mountains, Spain. Superior quality Christmas tree strain. Straight stems, short needle, dark green color that holds good winter color.

ITEM NO.				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SPPIN12	2-Yr. Seedlings	2-0	3-6"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
SPPIN43	3-Yr. Seedlings	3-0	10-15"	3.02	2.22	1.62	.93	.83	.50
SPPIN54	4-Yr. Seedlings	4-0	15-20"	3.18	2.38	1.78	1.02	.91	.55

SOUTHWESTERN WHITE PINE

Pinus strobiformis • **Zone 5-7** • ***FAST GROWING*** • Similar to Eastern White Pine, except needles are longer, heavier, more dense and more silvery-blue. A five needled pine. This strain is native to the mountainous regions of S. AZ, SW. NM, W. TX and south into Mexico. It will grow from these areas north to NY state. For Christmas tree use, shear when new growth appears.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SWPIN12	2-Yr. Seedlings	2-0	2-4"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
SWPIN23	3-Yr. Seedlings	3-0	6-10"	2.86	2.06	1.46	.83	.74	.45

EASTERN WHITE PINE

Pinus strobus • **Zone 3-8** • ***FAST GROWING*** • Fast growing 90 to100 feet. Spread 25 to 40 feet. A five needled pine, with soft, light green-blue needles, 4 inches long. Can tolerate dry, rocky soil. Grows in normal moisture conditions but can tolerate wet, swampy areas. Excellent ornamental tree for specimen, naturalizing, windbreak or dense screen. Also widely used for Christmas trees and timber.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
EWPIN12	2-Yr. Seedlings	2-0	2-4"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
EWPIN23	3-Yr. Seedlings	3-0	6-8"	3.02	2.22	1.62	.93	.83	.50
EWPINP3	3-Yr. Seedlings (Precision Sown)	3-0	6-8"	3.18	2.38	1.78	1.02	.91	.55
EWPIN34	4-Yr. Seedlings	4-0	8-12"	3.34	2.54	1.94	1.11	.99	.60
EWPINP4	4-Yr. Seedlings (Precision Sown)	4-0	8-12"	3.50	2.70	2.10	1.20	1.07	.65
EWPINT4	4-Yr. Transplants	2-2	8-12"	5.45	4.65	4.05	2.31	2.06	1.25
EWPINT5	5-Yr. Transplants	2-3	18-24"	5.93	5.13	4.53	2.59	2.31	1.40

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
EWPINPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

NEW! BIRD'S NEST SPRUCE

Picea abies nidiformis • **Zone 3-7** • A very slow growing dwarf spruce. Mature height 3 to 4 feet. Spread 2 to 3 feet. Dense, dark green foliage growing in a flat circular form. The nest-like depression in the center of this plant gives it a very distinctive appearance; hence, the name Bird's Nest Spruce. Plant in full sun or light shade. Will tolerate sandier soils and low temperatures. First-rate choice for a rock garden, accent plant or specimen planting.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BNSPRPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	2-4"	$5.75	$3.65	$3.55	$2.05	$1.65

NEW! BLACK HILLS SPRUCE

Picea glauca densata • **Zone 2-6** • Slow growth to 40 feet. Spread 15 to 25 feet. One of the most tolerant spruces as it withstands wind, heat, cold, drought and crowding; best in full sun. Short, stiff, bluish-green needles. An excellent, dense evergreen screen that will not get rangy and out of control as it matures. Ordinary soil. Good bonsai subject. Provides dense shelter for wildlife. Make excellent farmstead windbreaks.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BHSPR13	3-Yr. Seedlings	3-0	2-4"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40

COLORADO BLUE SPRUCE

Picea pungens glauca • **Zone 3-7** • Seed from San Juan National Forest. Grows to 100 feet. Stiff, silvery-blue to green needles are 1 inch long. Grown from best seed source for blue color. However, not all seedlings will be blue. Handsome ornamental specimen in single planting or dense, colorful screen or windbreak, space 6 feet apart. Ordinary soil, average moisture.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
CBSPR22	2-Yr. Seedlings	2-0	4-8"	$2.53	$1.73	$1.13	$ .65	$ .58	$ .35
CBSPRP2	2-Yr. Seedlings (Precision Sown)	2-0	4-8"	2.70	1.90	1.30	.74	.66	.40
CBSPR34	4-Yr. Seedlings	4-0	8-12"	3.02	2.22	1.62	.93	.83	.50

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
CBSPRPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

AVAILABLE LATE MAY

SPANISH SCOTCH PINE

EASTERN WHITE PINE

BIRD'S NEST SPRUCE

COLORADO BLUE SPRUCE

SUCCESSFUL SMALL-SCALE FARMING

This inspiring handbook contains everything small farm owners need to know, from buying land to organic growing methods and selling cash crops.

ITEM NO. SSCFMBK $16.95

FOR ADDITIONAL PLANT INFORMATION VISIT OUR WEBSITE:
www.musserforests.com

DWARF ALBERTA SPRUCE

DWARF ALBERTA SPRUCE

Picea glauca albertiana 'conica' • **Zone 2-6** • A dwarf pyramidal evergreen. Densely set light green needles are 1/4 to 1/2 inch long. Very tight, compact growth habit. Slow growing, about 2 to 4 inches per year, to a mature height of 6 to 8 feet. Spread 4 to 5 feet. Good for rock gardens, bonsai, small areas or planter boxes. A good specimen tree.

ITEM NO.			EACH	5 RATE	10 RATE	25 RATE	300 RATE
DASPRPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	2-4"	$4.95	$2.85	$2.75	$2.05	$1.65

NORWAY SPRUCE

Picea abies • **Zone 4-7** • ***FAST GROWING*** • Fast growth to 75 or 80 feet in height. Spread 35 to 40 feet. Dense, dark green needles never get longer than 1 inch. Thrives well in average soil conditions, but prefers moisture in the soil to maintain its deep green color. Highly valued ornamental and timber tree. One of the best conifers for shelters and windbreaks. Branches droop gracefully as tree matures, making this a very attractive ornamental.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
NOSPR12	2-Yr. Seedlings	2-0	2-4"	$2.53	$1.73	$1.13	$ .65	$ .58	$ .35
NOSPRP2	2-Yr. Seedlings (Precision Sown)	2-0	3-6"	2.70	1.90	1.30	.74	.66	.40
NOSPR33	3-Yr. Seedlings	3-0	8-12"	2.86	2.06	1.46	.83	.74	.45
NOSPRP3	3-Yr. Seedlings (Precision Sown)	3-0	8-12"	3.02	2.22	1.62	.93	.83	.50
NOSPR34	4-Yr. Seedlings	4-0	8-12"	3.18	2.38	1.78	1.02	.91	.55
NOSPRP4	4-Yr. Seedlings (Precision Sown)	4-0	8-12"	3.50	2.70	2.10	1.20	1.07	.65
NOSPRT5	5-Yr. Transplants	3-2	12-18"	5.61	4.81	4.21	2.41	2.15	1.30
NOSP2T5	5-Yr. Transplants	2-3	18-24"	6.26	5.46	4.86	2.78	2.48	1.50
NOSPRT6	6-Yr. Transplants	3-3	18-24"	7.07	6.27	5.67	3.24	2.89	1.75

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
NOSPRPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	4-8"	$4.95	$2.85	$2.75	$2.05	$1.65

NORWAY SPRUCE

RED SPRUCE

Picea rubens • **Zone 3-5** • Also known as Yellow Spruce. Red Spruce grows at a slow to moderate rate to a height of 60 to 80 feet. Spread 20 to 25 feet. It has a narrow, conical shaped crown. The needles are yellow green in color, shiny and tend to curve upward. The wood is soft, light, has narrow rings and has a faint reddish tinge. Red Spruce is suitable for Christmas trees. This conifer prefers moist but well drained, sandy loam. Native to North America. The buds and seeds provide food for grouse, red squirrels, pileated woodpeckers and crossbills.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
RESPR12	2-Yr. Seedlings	2-0	2-4"	$2.53	$1.73	$1.13	$ .65	$ .58	$ .35
RESPR23	2-Yr. Seedlings	3-0	5-10"	2.86	2.06	1.46	.83	.74	.45

RED SPRUCE

WHITE SPRUCE

Picea glauca • **Zone 2-6** • Grows to 50 feet. Stiff needles are light bluish-green, usually less than 1 inch in length. This spruce thrives in well drained or moist soil. This tree is unique because it can endure heat and drought better than others. Extremely hardy.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WHSPR13	3-Yr. Seedlings	3-0	3-6"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
WHSPRT5	5-Yr. Transplants	2-3	8-12"	5.45	4.65	4.05	2.31	2.06	N/A

CONCOLOR FIR

Abies concolor • **Zone 4-7** • Also known as White Fir. Grows to 100 feet. Concolor Fir is one of the most beautiful and easy to care for evergreens. Ashy gray trunk and soft silvery-blue foliage. One of the best Christmas trees. Holds needles best of any short needled tree. Needs good drainage.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
COFIR12	2-Yr. Seedlings	2-0	2-4"	$2.37	$1.57	$ .97	$ .56	$ .50	$ .30
COFIR33	3-Yr. Seedlings	3-0	6-12"	2.70	1.90	1.30	.74	.66	.40
COFIRT5	5-Yr. Transplants	2-3	8-12"	5.45	4.65	4.05	2.31	2.06	1.25
COFIRT6	6-Yr. Transplants	3-3	15-18"	6.09	5.29	4.69	2.68	2.39	1.45

DOUGLAS FIR

DOUGLAS FIR

Pseudotsuga menziesii • **Zone 4-6** • ***FAST GROWING*** • Seed source Lincoln National Forest, New Mexico. This seed source has proven to be highly resistant to Gypsy Moth. Grows to 60 feet. Short, soft blue-green needles. Grows best in moist, well drained soil. Will not do well in heavy, wet, clay soil. Largest timber producing tree in North America. A popular Christmas tree because of its color, symmetrical form and needle retention.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
DOFIR23	3-Yr. Seedlings	3-0	6-10"	$2.37	$1.57	$ .97	$ .56	$ .50	$ .30
DOFIRT5	5-Yr. Transplants	2-3	12-15"	5.45	4.65	4.05	2.31	2.06	1.25

SOIL MOIST TRANSPLANT

Soil Moist Transplant is formulated from several species of beneficial mycorrhizal fungi and bacteria plus water storing polymer crystals. Most planting sites lack the beneficial requirements that new trees, plants and shrubs require, due to tillage, home construction, mining and the removal of top soils.These activities reduce the mycorrhizal forming potential of soil that occur naturally in undisturbed areas. Product benefits include increased nutrient and water uptake, reducing plant waterings. Reduction of transplanting stress and plant loss. Increases plant establishment. Effective for all types of trees and plants especially potted stock with the exception of laurels, rhododendrons and azaleas. The granules must be placed in contact with the root ball for the fungi to colonize. After planting, deep soak the plant with water.

APPLICATION RATE	
CONTAINER SIZE	AMOUNT
4 Inch	1 Teaspoon
6 Inch	3 Teaspoons
8 Inch	4 Teaspoons
1 Gallon	2 Tablespoons
3 Gallon	4 Tablespoons
5 Gallon	6 Tablespoons

Measuring tip: Each 3 ounce pack treats a 1 inch trunk diameter tree

ITEM NO.	PRODUCT AMOUNT	COST
SMTRAN3	3 oz.	$3.95
SMTRAN6	6 oz.	5.95

FRASER FIR

Abies fraseri • **Zone 4-7** • Often called Southern Balsam Fir. Grows 40 to 60 feet in height with a spread of 20 to 25 feet. Very soft, shiny, dark green foliage is silver on the underside. Likes cool, moist, well drained soil. Will not do well in heavy, wet, clay soil. Does not require full sun. Needs only light shearing. The best Christmas tree, with good needle retention.

ITEM NO.				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
FRFIRT5	5-Yr. Transplants	2-3	8-12"	$6.26	$5.46	$4.86	$2.78	$2.48	$1.50
FRFI2T5	5-Yr. Transplants	2-3	10-18"	7.71	6.91	6.31	3.61	3.22	1.95

EASTERN REDCEDAR

Juniperus virginiana • **Zone 3-9** • A dense pyramidal evergreen growing 40 to 50 feet. Spread 8 to 20 feet. Medium green needles are flat and scale-like. Exfoliating handsome grayish to reddish-brown bark is considered part of its ornamental interest. Should grow in almost any soil and does well in poor gravelly soils. Due to its fast, dense growth, this tree is a good choice for an evergreen screen or hedge. No shipments to CA.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
EARDC12	2-Yr. Seedlings	2-0	3-6"	$2.53	$1.73	$1.13	$ .65	$ .58	$ .35
EARDC23	3-Yr. Seedlings	3-0	6-10"	2.86	2.06	1.46	.83	.74	.45

NEW! DAWN REDWOOD

Metasequoia glyptostroboides • **Zone 4-8** • ***VERY FAST GROWING*** • Fast growth 70 to 100 feet; spread 25 feet. Also known as the "dinosaur tree", as this species was known over 20 million years ago in China. Soft, bright green needles turn brown in fall. Deciduous. Likes moist, well drained soil, full sun to light shade. Would make a very effective screen, grouping or for use in lining long drives or streets.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
DARDW33	3-Yr. Seedlings	3-0	8-12"	$3.50	$2.70	$2.10	$1.20	$1.07	$ .65

BALD CYPRESS

Taxodium distichum • **Zone 4-11** • Grows 50 to 70 feet in height. Spread 20 feet. Bright yellow-green needles in spring turning to rich orange to pumpkin brown in autumn. Deciduous. Grows in wide range of soil conditions from wet, swampy areas to dry ground. Good for wetland plantings. Use for lumber and furniture.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BACYP52	2-Yr. Seedlings		15-20"	$3.50	$2.70	$2.10	$1.20	$1.07	$ .65

GOLD THREAD CYPRESS

Chamaecyparis pisifera 'Filifera Aurea' • **Zone 3-7** • Has a mounding growth habit 15 to 20 feet in height, but can be kept lower by pruning. Spread to 3 to 4 feet. Must be in full sun for best color. Our strain has exceptionally rich gold color. Very popular accent plant due to its stunning year around yellow gold color and soft threadlike foliage.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
GTCYPT3	3-Yr. Transplants		4-8"	$2.50	$2.22	$1.62	$ .93	$ .83	$ .50
					EACH	5 RATE	10 RATE	25 RATE	300 RATE
GTCYPPT	*GROWN AND SHIPPED IN PLASTIC POTS.*		3-6"		$4.95	$2.85	$2.75	$2.05	$1.65

NEW! RED STAR FALSECYPRESS

Chamaecyparis thyoides 'Red Star' • **Zone 4-8** • Commonly called Red Star Whitecedar. An easy to grow, small upright evergreen, growing to a height of 15 to 25 feet. Spread 10 to 15 feet. Fragrant, attractive bluish-green prickly foliage. A big splash in winter with rich plum-purple color. Prefers sandy, acidic soils. Thrives in wet areas. Low maintenance. Drought tolerant. Plant in full or partial sun. Native to the United States. Pest free. Prickly texture will resist deer. Recommended for the following applications; vertical accent, hedges, screens. Makes a great impact in the garden when planted in groups of 3 or 5. Useful in bogs where it is native.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
RSFALPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	4-8"	$4.95	$2.85	$2.75	$2.05	$1.65

CANADIAN HEMLOCK

Tsuga canadensis • **Zone 3-7** • Grows to 70 feet; spread 35 feet. Likes moist, organic well drained soil. Excellent subject for rocky bluffs or sandy soil. Canadian Hemlock tolerates shade well. Very popular as a specimen, accent or foundation plant. No shipments to ME, MI, NH, OH, VT AND CANADA.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
CAHEMPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

EASTERN LARCH

Larix laricina • **Zone 2-5** • Also known as American Larch. A slender, deciduous ornamental growing to a height of 40 to 80 feet. Spread 15 to 30 feet. Soft, lace-like needles are pale, bright blue-green throughout spring and summer. The foliage turns bright yellow in fall making this conifer distinguishable from a distance. Plant in full sun. Prefers moist, acidic, well drained soil. Often found in bogs and at higher elevations. Wildlife food. Native to North America. Excellent for groves, screens or as a specimen.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
EALAR43	3-Yr. Seedlings	3-0	12-18"	$3.83	$3.03	$2.43	$1.39	$1.24	$ .75

FRASER FIR

EASTERN REDCEDAR

CANADIAN HEMLOCK

EASTERN LARCH (FALL COLOR)

GIFT CERTIFICATE

Surprise your hard-to-buy-for gardening friends with a

MUSSER FORESTS GIFT CERTIFICATE.

Just let us know the amount with your check or credit card number.
We will forward the acknowledgement to you and the Gift Certificate to you or to recipient of your choice, include their name and address.

FOR ADDITIONAL PLANT INFORMATION VISIT OUR WEBSITE:
www.musserforests.com

BLUE GIRL HOLLY

JAPANESE SKY PENCIL HOLLY

GREEN ASH

RIVER BIRCH

NEW! BLUE BOY HOLLY ☼ ◐ *Ilex x meserveae 'Blue Boy'* • Zone 5-7 • Height 10 to 15 feet. Spread 6 to 8 feet.

Lustrous dark green foliage. Use to pollinate with Blue Girl Holly. Plant within 20 feet of each other. One male plant will pollinate up to 10 females within a 20 feet area.

ITEM NO.			EACH	5 RATE	10 RATE	25 RATE	300 RATE	
BBHOLPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$4.95	$2.85	$2.75	$2.05	N/A	SPRING ONLY

BLUE GIRL HOLLY ☼ ◐ *Ilex x meserveae 'Blue Girl'* • Zone 5-7 • Blue Girl Holly reaches a mature height of 8 to 10 feet

with a spread of 5 to 8 feet. It has an upright, somewhat pyramidal growth habit. Creamy white flowers are followed by bright red berries, fall into winter. Plant male together or within 20 feet of Blue Girl Holly. Prefers moist, but well drained, acidic soil. One of the best cold hardy female Hollies.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BGHOLPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

JAPANESE SKY PENCIL HOLLY ☼ ◐ *Ilex crenata 'Sky Pencil'* • Zone 6-9 • A rather slender, columnar shaped,

densely branched evergreen growing to a height of 6 to 8 feet but only 1 1/2 to 2 feet wide. The leaves are lustrous, dark green, slightly convex to 1 3/8 inches long and 4/5 inch wide. Female plants produce small greenish flowers in spring that bees and butterflies love. Inconspicuous, tiny, black berries develop in September or October which the birds are sure to gobble up. Drought tolerant. No pruning needed to maintain its remarkable shape. Great used as a hedge, privacy screen, as a border or as a specimen.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
JSPHOPT	GROWN AND SHIPPED IN PLASTIC POTS.	6-8"	$4.95	$2.85	$2.75	$2.05	$1.65

NEW! JAPANESE STEEDS HOLLY ☼ ◐ *Ilex crenata 'Steeds'* • Zone 5-9 • An easy to grow densely branched

evergreen that requires very little maintenance. Grows to a manageable height of 6 to 8 feet and 4 to 5 feet wide in an attractive, pyramidal, upright form. The lustrous green foliage darkens with age. In spring tiny white flowers are followed by ornamental black berries which persist throughout winter. Plant in full sun to partial shade. Prefers acidic, well drained soil but adaptable to most soils. Bird friendly. Tolerates pollution well. Great for Zen, cottage or wildlife garden, massing or as a specimen. Makes a perfect medium sized hedge or use to anchor an existing hedge at both ends.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
JSHOLPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$4.95	$2.85	$2.75	$2.05	N/A

SHAMROCK INKBERRY HOLLY ☼ ◐ *Ilex glabra 'Shamrock'* • Zone 4-8 • A compact, evergreen shrub growing

to a height of 3 to 5 feet with comparable spread. Bright, glistening green new growth matures to lustrous dark green. Partial to full sun. Prefers moist well drained soil. Displays an abundance of dark purple to black berries through winter. Deer resistant. Useful as accent plant, low hedges or foundation planting.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE	
SHHOLPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65	SPRING ONLY

WINTERBERRY HOLLY ☼ *Ilex verticillata* • Zone 3-9 • Height and spread 6 to 12 feet. Deciduous. Female plants

produce bright red berries. Likes acidic soil, will tolerate wet, swampy conditions. As these plants are grown from seed, we cannot distinguish between male and female plants. Therefore, plant at least 5 to ensure pollination.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WIHOL43	3-Yr. Seedlings	12-18"	$3.18	$2.38	$1.78	$1.02	$ .91	$ .55

GREEN ASH ☼ *Fraxinus pennsylvanica* • Zone 3-9 • *FAST GROWING* • Fast growth to 60 feet. Grows best in well drained soil.

Once established will thrive in dry, sterile soil. Transplants readily and because of its adaptability, may be used for streets, lawns, commercial areas, parks and golf courses. NO SHIPMENTS TO: AL, AK, AZ, AR, CA, CO, CT, DE, FL, GA, HI, ID, KS, LA, ME, MA, MN, MS, MT, NE, NV, NH, NM, NC, ND, OK, OR, PR, RI, SC, SD, TX, UT, VT, WA, WY.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
GRASH63	3-Yr. Seedlings	2-3 Ft.	$3.34	$2.54	$1.94	$1.11	$ .99	$ .60

WHITE ASH ☼ ◐ *Fraxinus americana* • Zone 4-9 • Medium growth rate 50 to 80 feet. Upright oval growth habit. Dark green

leaves in summer, changing to yellow to deep purple and maroon colors in fall. Deep, moist well drained soil, but can withstand soils which are not excessively dry and rocky. NO SHIPMENTS TO: AL, AK, AZ, AR, CA, CO, CT, DE, FL, GA, HI, ID, KS, LA, ME, MA, MN, MS, MT, NE, NV, NH, NM, NC, ND, OK, OR, PR, RI, SC, SD, TX, UT, VT, WA, WY.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WHASH63	3-Yr. Seedlings	2-3 Ft.	$3.34	$2.54	$1.94	$1.11	$ .99	$ .60

NEW! HELMOND PILLAR BARBERRY ☼ ◐ *Berberis thunbergi 'Helmond Pillar'* • Zone 4-8 • Also known as

Japanese Barberry. A multi-stemmed upright, columnar shrub. This Barberry is vertical in shape, tall, slender and matures somewhat slowly to a height of 4 to 5 feet. Spread 1 to 2 feet. The attractive foliage is a rich reddish purple on reddish brown stems with sharp thorns. Fall foliage is outstanding red. Tiny clusters of yellow flowers appear along the stems in late April to early May. The fruits are showy, glossy, scarlet berries that form in abundance in the fall, often persisting well into winter. Bird friendly. Deciduous. Plant in full sun to partial shade. Tolerant of many soils and conditions. Also tolerant of road salt and pollution. Deer resistant. Low maintenance. Forms an excellent hedge or barrier. The unique form is ideal for framing a door or between windows. Great as a specimen, group planting, for the smaller garden and for firescaping.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
HPBARPT	GROWN AND SHIPPED IN PLASTIC POTS.	4-8"	$4.95	$2.85	$2.75	$2.05	N/A

RIVER BIRCH ☼ ◐ *Betula nigra* • Zone 3-9 • *FAST GROWING* • Open pyramidal growth to 90 feet. Fall color is yellow. The

bark is variable, usually dark gray-brown and scaly, but can be smooth and creamy pinkish-white exfoliating in curly papery sheets.This paper thin bark peels in the winter. An excellent tree for low, swampy areas. Can even tolerate standing water for several weeks at a time. Native to the eastern United States.THIS VARIETY IS IMMUNE TO BIRCH BORER. EXTREMELY HEAT TOLERANT.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
RIBIR42	2-Yr. Seedlings	10-15"	$3.50	$2.70	$2.10	$1.20	$1.07	$ .65

RED BUCKEYE

☼ ◐ ***Aesculus pavia*** • **Zone 4-8** • Also known as Scarlet Buckeye or Firecracker Plant. A handsome deciduous clump forming shrub or small tree growing 10 to 20 feet in height. With a spread of 12 to 15 feet. Produces abundant hard shiny, orange-brown inedible nuts. This tree gets its name from the whitish scar found on each brown seed, giving it the appearance of a deer's eye, hence the name Buckeye. Does well in all soils but grows best in average, moist, acidic well drained soil in full sun to part shade. Native to North America. A hummingbird and butterfly favorite, plant where you can watch the flurry of activity. Typically planted for the visual interest and beauty it can bring to your landscape. Use as a specimen, ornamental, screen, hedge or in a rain garden.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
REBUC11	1-Yr. Seedlings	3-6"	$5.12	$4.32	$3.72	$2.13	$1.90	$1.15

YELLOW BUCKEYE

☼ ◐ ***Aesculus flava*** • **Zone 4-8** • Also known as Sweet Buckeye. Medium fast, oval upright growth to a height of 50 to 75 feet. Spread 30 to 50 feet. The showy, yellow flowers are produced on 6 inch long, upright panicles in April or May. The flowers are followed by the showy, inedible fruit. When ripe, each nut turns red brown with a whitish basal scar resembling the eye of a deer to which the name refers. North American native. Deciduous. Prefers acidic, moist, well drained soil.The light weight wood is used for crates, boxes and furniture. Attractive in larger gardens and parks. Also a suitable street specimen and shade tree. In colonial times, Buckeyes were carried as good luck charms.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
YEBUC11	1-Yr. Seedlings	3-6"	$5.12	$4.32	$3.72	$2.13	$1.90	$1.15

BUTTERNUT

☼ ***Juglans cinerea*** • **Zone 3-7** • ***FAST GROWING*** • Grows 40 to 60 feet. Spread 30 to 50 feet. Prefers moist, rich, well drained soil, but also tolerates drier, rocky soil conditions. Trees should begin to bear sweet edible fruit within 16 to 20 years. No shipments to AZ, CA, NM, TX.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BUTTE52	2-Yr. Seedlings	1-2 Ft.	$4.31	$3.51	$2.91	$1.67	$1.49	$ .90 SPRING ONLY

BUTTONBUSH

☼ ◐ ***Cephalanthus occidentalis*** • **Zone 5-11** • Also known as Button Willow or Honey Bells. Mature height 5 to 12 feet; spread of 5 to 8 feet. Definitely a wetland shrub. Thrives in wet, swampy conditions, low lying areas, around bogs and ponds.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BUTTO33	3-Yr. Seedlings	6-12"	$3.18	$2.38	$1.78	$1.02	$ .91	$ .55

NEW! WILD BLACK CHERRY

☼ ***Prunus serotina*** • **Zone 3-9** • ***FAST GROWING*** • Seed source Indiana County, PA. Grows to 60 feet. Grows best in rich, deep, moist soil. It has been highly prized in furniture making since colonial times and is an excellent firewood. Fruit provides food for many small animals. No shipments to CA, CO, OR, WA, CANADA.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WBCHE32	2-Yr. Seedlings	8-12"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
WBCHE53	3-Yr. Seedlings	1-3 Ft.	3.34	2.54	1.94	1.11	.99	.60

NEW! AMERICAN CHESTNUT HYBRID

☼ ***Castanea dentata x*** • **Zone 4-8** • ***FAST GROWING*** • A fast growing hybrid reaching a height of 80 to 100 feet. Best planted in full sun in well drained soil. Although both male and female flowers can be produced on the same tree, they need another American Chestnut for good pollination and nut production. Therefore, you should plant a minimum of two trees. This hybrid should start producing rich, flavorful, edible nuts in about 13 to 15 years. These trees are not guaranteed to be blight resistant nor pure Castanea dentata. Seed source Musser Forests, Indiana, Pa. No shipments to CA, FL, OR, WA.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
AMCHXTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	1-2 Ft.	$8.95	$6.95	$6.50	$5.50	N/A

CHINESE CHESTNUT

☼ ***Castanea mollissima*** • **Zone 4-8** • Growth to 20 to 25 feet. Turns yellow to bronze in fall. Grows best in full sun; deep, sandy loam. These dense and round headed ornamental trees bear large, sweet, delicious edible nuts. Although, self fertile, it is best to plant two or more for best pollination and nut production. Should start bearing nuts in 3 to 5 years. Blight resistant. No shipments to CA, FL, MI, OR, WA.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
CHCHE42	2-Yr. Seedlings	10-15"	$3.99	$3.19	$2.59	$1.48	$1.32	$ .80

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
CHCHETB	*GROWN AND SHIPPED IN PLASTIC POTS.*	12-15"	$7.95	$5.95	$5.50	$3.10	$2.50

BLACK CHOKEBERRY

☼ ***Aronia melanocarpa*** • **Zone 3-9** • ***FAST GROWING*** • Height 3 to 5 feet. Spread 10 feet. Native to eastern United States. Single white flowers in late May. Purplish-black berries in fall. Fall color wine red. Good for naturalizing, a fast screen, food for wildlife. Very adaptable species will grow on dry sandy hillsides. Good wetland plant.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BLCHO43	3-Yr. Seedlings	10-15"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

KBC PLANTING BAR

Works best in rocky soil that is difficult to penetrate. The KBC bar will penetrate soil cleanly and easily allowing less dirt to fall in the planting hole. Total length of bar is 39 inches. Blade is 4 inches wide by 12 inches long, 1 inch thick at top, tapering to a point. Weight is 10 pounds.

Features cast blade of special alloy steel. Blade and footstep are cast as one piece so footstep will not break or bend, even under heavy use. Blade "spike" fits into handle to form reinforced joint. Strong weld at handle and blade joint. **Order should be placed early to ensure arrival before planting time.**

ITEM NO. KBCPBAR $52.95

Bar sizes may vary slightly. Color may be black or orange. Sorry, no color choice.

RED BUCKEYE

BUTTERNUT (FALL)

BUTTONBUSH

AMERICAN CHESTNUT (FALL)

CHOKECHERRY

CHOKECHERRY

Prunus virginiana • Zone 2-6 • *FAST GROWING* • Can grow 20 to 30 feet in height with a spread of 18 to 25 feet. It is a small suckering tree or large shrub with crooked branches and slender twigs forming an oval rounded crown. Fruit is red, finally dark purple. Good for making jams and jellies. Provides food and shelter for wildlife. No shipments to CA, OR, WA, Canada.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
CHOKE42	2-Yr. Seedlings	12-18"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

CHINESE DOGWOOD

Cornus kousa var. chinensis • Zone 5-8 • Height 20 to 30 feet. White flowers in clusters, mid June, after White Dogwood is finished blooming. This variety has proven to be resistant to the blight, which has infected many dogwoods in the Northeast. No shipments to FL.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
CHDOG32	2-Yr. Seedlings	8-12"	$3.34	$2.54	$1.94	$1.11	$ .99	$ .60
CHDOG53	3-Yr. Seedlings	24-30"	3.67	2.87	2.27	1.30	1.16	.70

GRAY DOGWOOD

Cornus racemosa • Zone 3-8 • *FAST GROWING* • Grows to 15 feet. Very dense green foliage that turns purplish in fall. Numerous small white flower clusters, bloom in mid June, giving way to small white berries. Grows well in average soil. Very good for soil erosion. Wet tolerant. No shipments to FL.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
GRDOG53	3-Yr. Seedlings	15-20"	$3.67	$2.87	$2.27	$1.30	$1.16	$ .70

WHITE FLOWERING DOGWOOD

SILKY DOGWOOD

Cornus amomum • Zone 4-8 • *VERY FAST GROWING* • Grows to 9 feet. Grows best in well drained, moist soil. Berries attract birds. Very good for soil erosion on banks. No shipments to FL.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SIDOG22	2-Yr. Seedlings	4-8"	$2.86	$2.06	$1.46	$ .83	$ .74	$ .45
SIDOG63	3-Yr. Seedlings	2 Ft. Cut Back	3.83	3.03	2.43	1.39	1.24	.75

WHITE FLOWERING DOGWOOD

Cornus florida • Zone 5-8 • Grows to 40 feet. Dense lustrous, green foliage. Bright red berries are food for birds. Does best in rich, moist soil, but is known to grow well in average well drained soil. The White Flowering Dogwood is considered to be the best ornamental of all trees. No shipments to FL.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WFDOG22	2-Yr. Seedlings	4-8"	$2.86	$2.06	$1.46	$ .83	$ .74	$ .45

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
WFDOGTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"	$7.95	$5.95	$5.50	$3.10	$2.50

AMERICAN ELDER (ELDERBERRY)

Sambucus canadensis • Zone 3-9 • *VERY FAST GROWING* • Vigorous fast growing shrub to 10 feet in height. Spread 6 to 8 feet. Not considered a landscaping plant. Bluish-black berries used for making jelly, preserves and wine. The berries are also a food source for wildlife. Any type of soil. Wetland tolerant. 'Some dieback of top growth is to be expected due to winter stress.'

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
AMELD42	2-Yr. Seedlings	10-15"	$3.34	$2.54	$1.94	$1.11	$ .99	$ .60

AMERICAN ELDER

LYNWOOD GOLD FORSYTHIA

Forsythia x intermedia 'Lynwood Gold' • Zone 4-8 • *VERY FAST GROWING* • Very fast, upright growth to 7 feet; spread of 5 feet. One of the best plants for fast flowering screen. Deep golden flowers, early spring, more thickly and evenly distributed along the stems than other Forsythia. Ordinary to poor soil. Plant in full sun. Can withstand adverse city conditions. This plant can easily be pruned, after blooming, to maintain desired height and will bloom better next year. For hedge, plant 4 feet apart.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
LGFORT3	3-Yr. Transplants	2 Ft. Cut Back	$3.50	$2.70	$2.10	$1.20	$1.07	$ .65

LYNWOOD GOLD FORSYTHIA

PRUNING MADE EASY

This edition contains 14 chapters and over 300 step-by-step illustrations on pruning. Included are chapters on pruning ornamental shrubs and trees, shade and nut trees, evergreens, Christmas trees, fruit trees, berry bushes, hedges, vines and ground covers. There is also a section on artistic pruning for topiaries, espaliers and Japanese Gardens. The book contains a good description of planting, training and maintaining Bonsai plants. Pruning methods section discusses pruning at transplanting time to control plant size, improve plant appearance and rejuvenation.

ITEM NO. PRUNEBK $19.95

MUSSER WATER GEL

Musser Water Gel is designed to increase the moisture retention of plants and soil. It is a crosslinked polyacrylamide (non-toxic). It comes in the form of small, dry flakes, which when mixed with water, absorb and retain 200 times their weight in water, as swollen gel particles. Acting like hundreds of tiny sponges, Musser Water Gel has the ability to absorb, release and re-absorb water again and again for several months.

The dry gel should be mixed with water to create a thick slurry. Plant roots should be dipped in and out of the mix immediately prior to planting or carried to the planting sit in a bucket of the mix. Musser Water Gel will retain the moisture around the roots at planting time and for several months, it will continue to attract and retain moisture at the root zone every time it rains or plants are artifically watered. Dry water gel is also used to coat seeds prior to planting.

As adequate moisture is the most important key factor to plant survival, **we strongly recommend this product.**

Benefits: 1. Fewer losses in new plantings.
2. Faster growth rate.
3. Better moisture retention.

ITEM NO.	SIZE	AMOUNT OF WATER TO MIX	NO. OF SEEDLINGS TREATED	COST
WTGEL04	4 oz.	5 Gallons	2,000	$ 3.75
WTGEL01	1 lb.	20 Gallons	8,000	9.95
WTGEL03	3 lb.	60 Gallons	24,000	24.95
WTGEL10	10 lb.	200 Gallons	80,000	54.95

AMERICAN HAZELNUT

Corylus americana • **Zone 4-9** • Also known as American Filbert. Medium fast growth rate. A multi-stemmed small tree growing 10 to 15 feet in height. Dark green summer foliage turns light yellow in fall. Edible nuts mature September to October.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
AMHAZ63	3-Yr. Seedlings	2-3 Ft.	$4.15	$3.35	$2.75	$1.57	$1.40	$ .85

PIGNUT HICKORY

Carya glabra • **Zone 4-9** • A tall, handsome tree attaining 50 to 60 feet in height. Has a narrow, but rounded growth habit. Fall color is rich golden yellow, no other tree rivals it in late October. Small nuts are edible, but hard to crack. No shipments to AZ, CA, NM, TX.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
PIHIC12	2-Yr. Seedlings	2-4"	$3.83	$3.03	$2.43	$1.39	$1.24	$ .75

SHAGBARK HICKORY

Carya ovata • **Zone 4-8** • Narrow, upright growth habit. Height to 90 feet. Fall colors are yellow and golden brown tones. Popular for its sweet edible nuts and shredding bark. Nut production should start in 25 to 30 years. Plant at least ten for pollination. No shipments to AZ, CA, NM, TX.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SGHIC22	2-Yr. Seedlings	4-8"	$3.83	$3.03	$2.43	$1.39	$1.24	$ .75

THORNLESS HONEYLOCUST

Gleditsia triacanthos var. inermis • **Zone 4-9** • ***FAST GROWING*** • Grows to 100 feet. Fine textured leaves. Grows well in any type of soil. A superb tree for withstanding city conditions. This tree is tolerant of roadway salt. A percentage will have thorns. Very popular as a shade tree because leaves are so fine.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
THHON22	2-Yr. Seedlings	4-8"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

HORSECHESTNUT

Aesculus hippocastanum • **Zone 4-7** • Also called Buckeye or Conker Tree. This deciduous broadleaf tree has a domed crown with stout branches. Grows to a height of 50 to 75 feet, with a spread 40 to 70 feet. It makes a fine specimen because of the upright flowers which bloom in mid May and its massive rounded form at maturity. Each flower develops into a glossy red-brown conker with a whitish scar at the base, inside a spiky green husk. Nuts ripen in September-October. Deer and other mammals relish the conkers. Plant in moist, rich, well drained soil; full sun or light shade. Long lived, can live up to 300 years. This tree is valued as an ornamental and street tree. Choose a planting site with plenty of area to grow such as parks, golf courses, arboretums and commercial grounds. HORSECHESTNUTS ARE NOT EDIBLE.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
HORSE42	2-Yr. Seedlings	12-18"	$3.83	$3.03	$2.43	$1.39	$1.24	$ .75

OLD FASHIONED LILAC

Syringa vulgaris • **Zone 3-7** • Dense, vigorous growth to15 feet. Spread 6 to10 feet. Masses of very fragrant, light lavender flowers in late spring. Old flowers should be cut off as soon as flowers fade. An old fashioned favorite! Makes a wonderful flowering screen, space 6 feet apart.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
OFLIL32	2-Yr. Seedlings	8-12"	$2.86	$2.06	$1.46	$ .83	$ .74	$ .45
OFLIL43	3-Yr. Seedlings	12-15"	3.18	2.38	1.78	1.02	.91	.55

BLACK LOCUST

Robinia pseudoacacia • **Zone 4-8** • ***VERY FAST GROWING*** • Grows to 75 feet. Grows in poor, sterile and dry soils. For this reason it has been used for erosion control. Improves the soil with nitrogen-fixing bacteria found in nodules on the roots. Planted extensively for use as fence posts and firewood. Valued also as an ornamental. Excellent firewood. Small thorns when young. No shipments to MA.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BLLOC52	2-Yr. Seedlings	1-2 Ft.	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

DEER AWAY DEER AND RABBIT REPELLENT

This product has received the National Home Gardening Club Member Tested Seal Of Approval for its ease of use, performance and effectiveness. The ready to use spray repels deer and rabbits from trees, shrubs, lawns, gardens and flowers. Deer are also deterred from browsing on conifers, ornamentals and dormant fruit trees. Wildlife do not attempt to eat the foliage as they are repelled by the odor of the active ingredient, putrescent egg. This product has the highest concentration(4.63%) of putrescent egg of any repellent on the market. Apply spray before the onset of browsing to dry plants. One application lasts up to three months. Contains a latex polymer which provides lasting protection rain or shine. Do not apply this product to edible crops. May be used on bearing and non-bearing fruit trees only when the trees are dormant.

ITEM NO.			
	DARRE16	16 oz. Ready to use sprayer	$ 9.95
	DARRE32	32 oz. Ready to use sprayer	13.95

SOIL MOIST PLANTS TABS

High performance plant tabs for a wide variety of plants. Each tablet contains ten million spores from five types of specifically selected ectomycorrhizal fungi. These spores are effective in increasing water and nutrient uptake, reduction in plant disease and improvemment in soil structure. Each tablet also contains fifty spores from seven types of selected endomycorrhizal fungi, a rooting hormone and organic stimulants to improve plant establishment and survival. Each tablet is combined with low levels of timed release fertilizers that encourage mycorrhizal growth. Compatible with all types of plants and shrubs with the exception of laurels, rhododendrons and azaleas. For additional benefits use in conjunction with Musser Forests Two Year Fertilizer Tablets. Soil Moist Plant Tabs may be used when direct sowing, transplanting, container planting and on existing plants.

APPLICATION RATE	
NUMBER OF TABS	HEIGHT OF PLANT
1	Seeds
2	<1 Foot Tall
4	1-2 Feet Tall
8	2-4 Feet Tall

Use ten (10) plant tabs per caliper inch

ITEM NO.	PRODUCT AMOUNT	COST
SMPT050	50 Tablets	$12.95
SMPT100	100 Tablets	23.95

USE IN CONJUNCTION WITH MUSSER TWO YEAR FERTILIZER TABLETS!

HAZELNUT (FALL)

SHAGBARK HICKORY (FALL COLOR)

THORNLESS HONEYLOCUST

OLD FASHIONED LILAC

RED MAPLE (FALL COLOR)

RED MAPLE

☼ ◐ *Acer rubrum* • Zone 3-9 • *FAST GROWING* • Also known as Scarlet or Swamp Maple. Growth 40 to 60 feet. Highly prized because of its bright red flowers in early spring before leaves appear. Medium to dark green leaves turn yellow to brilliant red in fall. An excellent wetland species, can tolerate wet, swampy soil conditions.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
REMAP12	2-Yr. Seedlings	3-6"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40
REMAP33	3-Yr. Seedlings	8-12"	3.34	2.54	1.94	1.11	.99	.60
				EACH	5 RATE	10 RATE	25 RATE	300 RATE
REMAPTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	12-15"		$7.95	$5.95	$5.50	$3.10	$2.50

SILVER MAPLE

☼ ◐ *Acer saccharinum* • Zone 3-9 • *VERY FAST GROWING* • Very fast growth 50 to 70 feet. Grows fastest in moist, rich, well drained soil. A very popular shade tree because of its fast growth and graceful habit. The best tree for quick shade. Native to eastern to mid United States.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SIMAP53	3-Yr. Seedlings	1-2 Ft.	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

SUGAR MAPLE

☼ ◐ *Acer saccharum* • Zone 4-8 • Often called Rock Maple or Hard Maple. Height 60 to 75 feet. Spread 45 to 50 feet. Mature trees provide sugar products from sap in the spring. Brilliant yellow, burnt orange and limited red tones in autumn. A good timber tree. Does not do well in wet areas or in small compact restricted growing areas. Native to northeastern United States.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SUMAP42	2-Yr. Seedlings	10-12"	$3.50	$2.70	$2.10	$1.20	$1.07	$ .65
SUMAP53	3-Yr. Seedlings	1-2 Ft.	3.83	3.03	2.43	1.39	1.24	.75
				EACH	5 RATE	10 RATE	25 RATE	300 RATE
SUMAPTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"		$7.95	$5.95	$5.50	$3.10	$2.50

SUGAR MAPLE (FALL COLOR)

NEW! AMERICAN MOUNTAINASH

☼ *Sorbus americana* • Zone 2-7 • Grows 15 to 30 feet tall and wide. A small, slow-growing native deciduous tree with serrated, compound leaves. Creamy white flowers in spring are followed by large clusters of red-orange berries that persist into late fall. The fruit is highly ornamental and is favored by robins, waxwings and grouse. Prefers full sun and consistent moisture.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
AMMOU32	2-Yr. Seedlings	8-12"	$2.86	$2.06	$1.46	$ .83	$ .74	$ .45

BLACK OAK

☼ *Quercus velutina* • Zone 3-9 • Height 50 to 60 feet with equal spread of 50 to 60 feet. Grows best in rich, moist, well drained soil but will tolerate poor, dry soil. Oval leaves are lustrous dark green. Bark is reddish-brown mottled with gray. Native to eastern to mid United States. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BLOAK32	2-Yr. Seedlings	8-12"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
BLOAK43	3-Yr. Seedlings	12-18"	3.83	3.03	2.43	1.39	1.24	.75

AMERICAN MOUNTAINASH

COVERING GROUND

Ground covers bring versatility, texture, and durability to traditional lawn spaces. Barbara Ellis explores hundreds of wonderful possibilities in her new guide, helping readers create eye-catching splashes of color and texture in unexpected places. Full color photographs bring to life flowering plants, herbs, mosses, ground-hugging shrubs, and heathers combined with hardscape lawn alternatives such as bluestone, crushed gravel, brick, or shredded bark mulch. Covering Ground delivers part inspiration, part landscaping advice, and part in-depth how-to for planting an open outdoor space. Paperback. Full color, photographs and illustrations throughout. 224 pages; 9 1/4" x 10".

ITEM NO. COGROBK $19.95

MUSSER FORESTS TWO-YEAR FERTILIZER TABLETS

This unique fertilizing tablet is designed to root feed evergreen and hardwood seedlings and trees, shrubs, roses, fruit, flower and shade trees for up to two years. It is easy to use, completely non-burning and promotes vigorous growth. The tablet is simply dropped into the hole at the root zone of the plant at planting time. It releases fertilizer slowly for a two year period. These tablets do not dissolve by water, but depend upon the action of soil bacteria to convert their nutrients to a form that can be used by plants. Tablets are 10 grams each, 20% Nitrogen, 10% Phosphoric Acid, 5% Potash. TABLETS SHOULD NOT TOUCH ROOTS. FERTILIZE AT PLANTING TIME.

Number of Two Year Fertilizer Tablets Per Size Plant	
1 Tablet	All Seedlings, Transplants, Rooted Cuttings
2 Tablets	Container Grown Plants, Roses
1 Tablet	For each 1/2 inch trunk diameter, Large Trees and Evergreens
2 Tablets	Heavy Field Grown Plants

USE IN CONJUNCTION WITH SOIL MOIST PLANT TABS!

ITEM NO.		COST
FER0025	25 for	$ 7.95
FER0050	50 for	10.95
FER0100	100 for	15.95
FER0500	500 for	74.95
FER1000	1000 for	114.95

MUSSER WATER GEL

Musser Water Gel is designed to increase the moisture retention of plants and soil. It is a crosslinked polyacrylamide (non-toxic). It comes in the form of small, dry flakes, which when mixed with water, absorb and retain 200 times their weight in water, as swollen gel particles. Acting like hundreds of tiny sponges, Musser Water Gel has the ability to absorb, release and re-absorb water again and again for several months.

The dry gel should be mixed with water to create a thick slurry. Plant roots should be dipped in and out of the mix immediately prior to planting or carried to the planting site in a bucket of the mix. Musser Water Gel will retain the moisture around the roots at planting time and for several months, it will continue to attract and retain moisture at the root zone every time it rains or plants are artificially watered. Dry water gel is also used to coat seeds prior to planting.

As adequate moisture is the most important key factor to plant survival, **we strongly recommend this product.**

Benefits:
1. Fewer losses in new plantings.
2. Faster growth rate.
3. Better moisture retention.

ITEM NO.	SIZE	AMOUNT OF WATER TO MIX	NO. OF SEEDLINGS TREATED	COST
WTGEL04	4 oz.	5 Gallons	2,000	$ 3.75
WTGEL01	1 lb.	20 Gallons	8,000	9.95
WTGEL03	3 lb.	60 Gallons	24,000	24.95
WTGEL10	10 lb.	200 Gallons	80,000	54.95

BUR OAK ☼ *Quercus macrocarpa* • Zone 3-8 •

Growth to 75 feet with equal or slightly greater spread. Valued as a timber producer. Will make satisfactory growth on poor, dry, clay soils. Its resistance to smoke and gas injury further increases its value as an ornamental. No shipments to CA, FL, OR.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BUOAK32	2-Yr. Seedlings	8-12"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
BUOAK42	2-Yr. Seedlings	12-15"	3.83	3.03	2.43	1.39	1.24	.75

CHESTNUT OAK ☼ *Quercus prinus* • Zone 4-8 •

Height and spread to 60 feet. Can tolerate poor, dry, rocky soil. Can grow to 15 feet in 7 to 10 years. Acorns are rich dark brown with a very sweet taste. Relished by squirrels, deer and other wildlife. No shipments to CA, FL, OR.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
CHOAKTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"	$7.95	$5.95	$5.50	$3.10	$2.50

ENGLISH OAK ☼ ◐ ● *Quercus robur 'Fastigiata'* • Zone 4-8 •

Narrow, pyramidal growth 50 to 60 feet, but only 10 to15 feet wide. It is tolerant of salt and air pollution. The distinctively upright and columnar habit makes this a fine specimen tree for the home landscape where there is limited space available. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
ENOAK42	2-Yr. Seedlings	12-18"	$3.83	$3.03	$2.43	$1.39	$1.24	$ .75

PIN OAK ☼ *Quercus palustris* • Zone 4-8 • *FAST GROWING* •

Native tree with fast growth to 75 feet in good soil. Spread 25 to 40 feet. Acorns are good wildlife food. Makes an excellent specimen as a lawn tree. Will tolerate wet soil but prefers moist rich, acidic, well drained soil. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
PIOAK22	2-Yr. Seedlings	6-8"	$2.86	$2.06	$1.46	$ .83	$ .74	$ .45
PIOAK43	3-Yr. Seedlings	15-18"	3.50	2.70	2.10	1.20	1.07	.65

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
PIOAKTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-12"	$7.95	$5.95	$5.50	$3.10	$2.50

RED OAK ☼ *Quercus rubra* • Zone 3-7 • *FAST GROWING* •

Fast growth 60 to 70 feet with equal spread. Grows best in sandy to rich loamy soil in full sun. The fastest growing of all oaks. Tolerant of urban conditions such as salt, ozone and sulfur dioxide. Very valuable as a timber tree. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
REOAK42	2-Yr. Seedlings	10-18"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
REOAK53	3-Yr. Seedlings	18-24"	3.99	3.19	2.59	1.48	1.32	.80
REOAK64	4-Yr. Seedlings	2-3 Ft.	4.48	3.68	3.08	1.76	1.57	.95

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
REOAKTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"	$7.95	$5.95	$5.50	$3.10	$2.50

SAWTOOTH OAK 'GOBBLER' ☼ *Quercus acutissima* • Zone 5-9 •

A large, round-headed tree growing 40 to 60 feet and as wide. Gobbler acorns are smaller than regular sawtooth strains, but produce twice as many nuts. Acorns are an excellent food for wildlife. Disease and insect resistant. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SAOAK32	2-Yr. Seedlings	6-12"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
SAOAK53	3-Yr. Seedlings	1-2 Ft.	3.67	2.87	2.27	1.30	1.16	.70

NEW! SHUMARD OAK ☼ *Quercus shumardii* • Zone 5-9 •

Also known as Spotted Oak. The Shumard Oak is one of the largest of the oak species in the Red Oak group. This deciduous tree has a broad open crown growing to a height of 40 to 60 feet with a spread of 30 to 40 feet or more. Acorns are produced every two or four years. These fruits are a favorite of deer, squirrels, several species of songbirds and game birds such as wild turkey and quail. Full sun is ideal. Grows in acidic, alkaline, loamy, well drained soil, but tolerates a wide range of soil conditions including wet soils. Tolerates pollution, making this a great street, shade and lawn tree flavored by homeowners. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SMOAK32	2-Yr. Seedlings	8-12"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

SWAMP WHITE OAK ☼ *Quercus bicolor* • Zone 4-8 •

Grows to 50 to 60 feet in height and spread. Does well in wet, swampy conditions along rivers and streams. Excellent choice for wetland plantings. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SWOAK32	2-Yr. Seedlings	6-12"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
SWOAK53	3-Yr. Seedlings	18-30"	3.99	3.19	2.59	1.48	1.32	.80

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
SWOAKTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"	$7.95	$5.95	$5.50	$3.10	$2.50

WHITE OAK ☼ *Quercus alba* • Zone 3-9 •

Grows 50 to 80 feet in height and as wide. Grows best in a deep, loamy, well drained soil. The most prolific lumber oak in the Northern Hemisphere. A good tolerance of highway salt. Wetland species. No shipments to CA, FL, OR.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WHOAK42	2-Yr. Seedlings	10-15"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
WHOAKTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"	$7.95	$5.95	$5.50	$3.10	$2.50

PIN OAK (FALL COLOR)

RED OAK ACORNS (FALL)

RED OAK (FALL COLOR)

WHITE OAK

OSAGE ORANGE

OSAGE ORANGE

☼ ***Maclura pomifera*** • **Zone 4-9** • ***VERY FAST GROWING*** • Very fast, vigorous growth 20 to 40 feet, occasionally over 60 feet. Spread 20 to 40 feet. Distinguished for its yellow-green, orange-shaped inedible fruit. Often used for windbreaks or fence rows, due to its fast, dense growth and heavy thorns, which make an impenetrable barrier against people and livestock.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
OSORA42	2-Yr. Seedlings	10-15"	$2.86	$2.06	$1.46	$ .83	$ .74	$ .45
OSORA53	3-Yr. Seedlings	15-20"	3.18	2.38	1.78	1.02	.91	.55

PAW PAW

☼ ◐ ***Asimina triloba*** • **Zone 5-8** • A deciduous, often narrow conical tree growing 12 to 25 feet in height and less broad. Dense, dangling foliage giving the Paw Paw an interesting tropical appearance. The large edible fruit is produced, often in clusters from the blooms. Fruit is oblong shaped and light green in color. Harvest time mid August to mid October. Plant at least two trees for fruit production to ensure cross pollination.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
PAPAW22	2-Yr. Seedlings	6-10"	$4.15	$3.35	$2.75	$1.57	$1.40	$ .85

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
PAPAWTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	6-8"	$7.95	$5.95	$5.50	$3.10	$2.50

PAW PAW

AMERICAN COMMON PERSIMMON

☼ ***Diospyros virginiana*** • **Zone 4-9** • A native tree 25 to 40 feet in height and 20 to 35 feet in width. Common Persimmon is slender with an oval-rounded crown, often very symmetrical. The white, fragrant flowers are very sweet and a favorite of honeybees. An edible persimmon ripens with a deep orange color after several frosts. More than one tree is needed for pollination to produce fruit. Persimmon tends to sucker into groves or colonies, producing food for wildlife. The hard, heavy, close-grained wood is used for golf club heads, billiard cues and flooring. No shipments to CA.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
ACPER22	2-Yr. Seedlings	6-10"	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50

HYBRID POPLAR FOR FAST SHADE TREE

☼ **Imperial Carolina** ***Populus deltoides x populus nigra*** • **Zone 3-7** • ***VERY FAST GROWING*** • Extremely fast growth to 80 feet. Crown spreads to 30 feet. Should grow 4 to 8 feet per year. Does not compete well with weeds and grasses. Planting site should be kept mowed and weed free. Plant 50 feet away from drains and sewers. This clone is disease and insect resistant.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SHPOPT2	2-Yr. Transplants	2-3 Ft.	$4.48	$3.68	$3.08	$1.76	$1.57	$ .95 SPRING ONLY

HYBRID POPLAR FOR SCREENS AND WINDBREAKS

☼ **Populus Nigra** ***Charkowiensis x populus nigra incrassata*** • **Zone 3-7** • ***VERY FAST GROWING*** • Extremely fast growth to 60 feet. Narrow crown spreads 15 to 20 feet. Should grow 4 to 8 feet per year. Large, maroon leaves in spring, changing to dark green with red veins. Space trees 8 feet apart, 5 feet between rows for thicker screen. Planting site should be weed free. Plant 50 feet away from drains and sewers. Long lived, 35 to 50 years. This clone is disease and insect resistant. Northeastern Forest Experimental Station #308. Hardy from southern Ontario to northern Georgia.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
WIPOPT2	2-Yr. Transplants	2-3 Ft.	$4.48	$3.68	$3.08	$1.76	$1.57	$ .95 SPRING ONLY

AMERICAN COMMON PERSIMMON

DWARF ROSE HEDGE 'SANDY'

☼ ***Rosa rugosa 'Sandy'*** • **Zone 2-8** • Height 6 to 8 feet. Spread to 4 feet. This strain of Rosa Rugosa was developed for salt spray tolerance, beach and sand dune stabilization and tolerance for hot, dry areas with poor soil conditions. This strain is also found to have excellent growth and survival rate, high level of insect and disease resistance and good fruit production. Berries attract birds and the plants provide cover for birds and animals.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
RORUG53	3-Yr. Seedlings	15-20"	$2.70	$1.90	$1.30	$ .74	$ .66	$ .40

SHADBLOW SERVICEBERRY

☼ ◐ ***Amelanchier canadensis*** • **Zone 3-8** • ***FAST GROWING*** • Also known as Juneberry. Height 25 to 30 feet. One of the first native trees to bloom in early spring. Serviceberries are covered with billowy masses of small white flowers in racemes. Berrylike edible fruits in summer are maroon-red. These fruits are quite attractive to birds.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
SHSER53	3-Yr. Seedlings	1-2 Ft.	$3.99	$3.19	$2.59	$1.48	$1.32	$ .80

LEMON PRINCESS SPIREA

☼ ***Spiraea japonica 'Lemon Princess'*** • **Zone 4-8** • Height 1 1/2 to 2 feet. Bright, lemon yellow foliage spring through fall. Pink blooms, summer. Compact mounded growth habit. A bright summer accent in any garden.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
LESPIPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	2-4"	$4.95	$2.85	$2.75	$2.05	N/A SPRING ONLY

SHIROBANA SPIREA

☼ ***Spiraea japonica 'Shirobana'*** • **Zone 4-8** • Height and spread to 3 feet. A most interesting summer blooming shrub with white, pink and rose flowers on the same plant. Handsome mounding growth habit.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
SHSPIPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	2-4"	$4.95	$2.85	$2.75	$2.05	$1.65 SPRING ONLY

ROSA RUGOSA

FOLIAGE

Discover the versatility, durability and season long color possibilities of garden foliage. Organized by color and texture, each chapter in this eye opening gardening guide illustrates the features and requirements of dozens of plants, all chosen for the unique appeal of their leaves. Colors range from brilliant chartreuse to dusky maroon, while surfaces can be rough or smooth, velvety or prickly. Vivid plant combinations inspire gardeners to use sturdy, reliable foliage to add drama and depth to flowers and grasses. Paperback with flaps. Full color, photographs throughout. 304 pages; 9 1/2 x 9 1/2.

ITEM NO. FOLIABK $24.95

AMERICAN SWEETGUM

☼ ***Liquidambar styraciflua*** • **Zone 5-9** • Also known as the Alligator Tree due to the gray, deeply furrowed, scaly ridges of its bark. An aromatic, deciduous tree growing in a very symmetrical pyramidal form to a height of 40 to 75 feet. Branches spread in a horizontal fashion to 30 to 35 feet. A native easily recognized by its star-shaped leaves which are either five or seven pointed, toothed lobes. Squirrels often caught hoarding the prickly seedballs which persist into winter. .

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
AMSWE53	3-Yr. Seedlings	1-2 Ft.	$3.02	$2.22	$1.62	$ .93	$ .83	$ .50
AMSWE74	4-Yr. Seedlings	3-4 Ft.	4.80	4.00	3.40	1.94	1.73	1.05

AMERICAN SYCAMORE

☼ ***Platanus occidentalis*** • **Zone 4-9** • ***FAST GROWING*** • A massive shade tree, growing 75 to 100 feet with a wide, spreading crown. Bark peels in thin, irregular patches giving a white appearance to the trunk. Likes moist soil and does well along streams.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
AMSYC52	2-Yr. Seedlings	1-2 Ft.	$3.50	$2.70	$2.10	$1.20	$1.07	$ .65

NEW! AMERICAN CRANBERRYBUSH VIBURNUM

☼ ◐ ***Viburnum trilobum*** • **Zone 2-7** • A deciduous shrub, growing 8 to 12 feet with a spread to 8 to 12 feet. White flowers, in clusters in May. Bright red berries early September through fall into February, which provide food for birds. People used to make jelly from the berries. Use as a screen or a background plant, space 4 feet apart. A good wetland plant.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
ACVIB12	2-Yr. Seedlings	3-6"	$3.99	$3.19	$2.59	$1.48	$1.32	$ .80

ARROWWOOD VIBURNUM

☼ ◐ ***Viburnum dentatum*** • **Zone 3-8** • A vigorous grower to 15 feet. Spread 6 to 15 feet. Flat clusters of creamy-white flowers, early June. Attractive bluish-black berries are very showy against the glossy red fall foliage. Birds relish the fruits and seeds, making this excellent wildlife habitat.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
ARVIB22	2-Yr. Seedlings	4-8"	$3.99	$3.19	$2.59	$1.48	$1.32	$ .80

NEW! NANNYBERRY VIBURNUM

☼ ◐ ***Viburnum lentago*** • **Zone 3-7** • Also known as Sheepberry. Medium growth 15 to 18 feet. (Up to 30 feet.) Spread 6 to 10 feet or more. Northeastern United States native shrub. Flat clusters of white flowers, late May. Purplish-black berries, fall and winter are winter food for birds. Shiny dark green leaves turn purplish-red in fall. Good as background screen, space 10 feet apart. A good wetland variety.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
NAVIB42	2-Yr. Seedlings	10-15"	$3.99	$3.19	$2.59	$1.48	$1.32	$ .80

BLACK WALNUT

☼ ***Juglans nigra*** • **Zone 4-9** • ***FAST GROWING*** • Grows to 100 feet with a broad, open crown of almost equal spread. Foliage consists of compound leaves 12 to 24 inches long and leaflets 2 to 5 inches long. Grows best in deep, rich, moist soils. Produces large, rich, flavorful nuts. A highly valued hardwood. No shipments to AZ, AR, CA, MI, MN, MO, NE, NM, NC, TX.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
BLWAL62	2-Yr. Seedlings	2-3 Ft.	$3.83	$3.03	$2.43	$1.39	$1.24	$ .75
BLWAL73	3-Yr. Seedlings	3-4 Ft.	9.49	8.69	8.09	4.63	4.13	2.50

BLACK WILLOW

☼ ◐ ***Salix nigra*** • **Zone 5-8** • ***FAST GROWING*** • Vigorous growth to 35 feet. Bark is dark brown to black, with yellowish branches. Pale green, 5 inch long leaves spring through fall. Yellowish green catkins in early spring. A wetland plant.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BLWILTB	*GROWN AND SHIPPED IN PLASTIC POTS.*	1-2 Ft.	$6.95	$4.95	$4.50	$3.10	$2.50

DAPPLED HAKURO NISHIKI WILLOW

☼ ***Salix integra 'Hakuro Nishiki'*** • **Zone 4-8** • Height and spread reach 3 to 5 feet. This is a beautiful new addition to the list of outstanding shrubs. Its main attraction is the tri-color leaves of white, green and pink. Tolerates wet conditions.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
DAWILPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	8-10"	$4.95	$2.85	$2.75	$2.05	$1.65

STREAMCO WILLOW

☼ ◐ ***Salix purpurea 'Streamco'*** • **Zone 3-7** • ***VERY FAST GROWING*** • Should reach 12 to 15 feet in height. Narrow, lustrous dark blue-green leaves with light gray or olive-gray stems. Extremely fast growth. Prefers cleared, moist soil along stream banks. Disease and insect resistant.

PICK UP AT NURSERY ONLY.

			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
STWILT3	3-Yr. Transplants	2-3 Ft. Cut Back	$7.71	$6.91	$6.31	$3.61	$3.22	$1.95

LIQUID FENCE DEER AND RABBIT REPELLENT

Liquid Fence was invented by Clark Kaskie in the Pocono Mountains in Pennsylvania. His need to protect his own plants led to the development of this biodegradable, environmentally friendly, easy to use product. To ensure good adhesion, apply spray to plants when dry. Simply spray on and around plants you want to protect. Spray until a wet look is achieved. Deer and rabbits are repelled by the odor of Liquid Fence(a formulation of egg and garlic)rather than the taste, as most products offered on the market. Animals find the smell offensive and without even a nibble, will avoid plant and garden areas. Proven effective 12 months out of the year, especially in winter when food becomes scarce and outdoor shrubbery becomes inviting. A once a month application will keep plants safe from the critters. Long lasting, rain resistant.

ITEM NO. LIFER1Q
32 oz. Ready to use sprayer-concentrate is alreaady mixed with water, ready to use. **$13.99**

ITEM NO. LIFEC1Q
32 oz. Concentrate-mixes with water to make 4 gallons of spray. **$37.99**

ITEM NO. LIFER1G
128 oz. Ready to use with sprayer assembly-concentrate is already mixed with water, ready to use. Adjustable nozzle: from fine spray to jet stream. **$25.99**

AMERICAN SWEETGUM (FALL COLOR)

AMERICAN CRANBERRYBUSH VIBURNUM

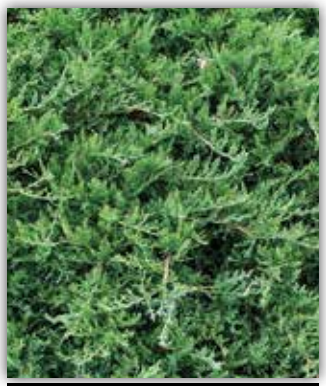
BLACK WALNUT

DAPPLED HAKURO NISHIKI WILLOW

EMERALD GREEN PYRAMIDAL ARBORVITAE

GREEN GIANT PYRAMIDAL ARBORVITAE

RHEINGOLD GLOBE ARBORVITAE



BLUE RUG JUNIPER

NEW! DANICA GLOBE ARBORVITAE

☼ *Thuja occidentalis 'Danica'* • **Zone 4-7** • Height and spread to 2 feet. Versatile, dwarf, globe-shaped evergreen displaying glossy, bright emerald green foliage. Excellent choice for borders, foundation plantings, specimen or low hedges.

ITEM NO.				EACH	5 RATE	10 RATE	25 RATE	300 RATE	
DAARBPT	*GROWN AND SHIPPED IN PLASTIC POTS.*		2-4"	$4.95	$2.85	$2.75	$2.05	$1.65	SPRING ONLY

NEW! ELEGANTISSIMA PYRAMIDAL ARBORVITAE

☼ *Thuja occidentalis 'Elegantissima'* • **Zone 4-7** • Height 10 to 15 feet. Spread 4 to 5 feet. Narrow pyramidal form with dark green foliage that is tipped yellow which turns bronze during winter. Deer generally stay away from this variety.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
ELARBT3	3-Yr.Transplants	2-1	4-8"	$7.07	$6.27	$5.67	$3.24	$2.89	$1.75

EMERALD GREEN PYRAMIDAL ARBORVITAE

☼ ◐ *Thuja occidentalis 'Emerald Green'* **Zone 5-7** • Pyramidal plant growing 10 to 15 feet in height. Spread 3 to 4 feet. Bright lustrous emerald green color all year, does not discolor in winter. Very compact. Space 2 to 3 feet apart for windbreak or visual barrier.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
EGARBT4	4-Yr.Transplants	2-2	4-6"	$7.07	$6.27	$5.67	$3.24	$2.89	$1.75

				EACH	5 RATE	10 RATE	25 RATE	300 RATE
EGARBPT	*GROWN AND SHIPPED IN PLASTIC POTS.*		3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

GREEN GIANT PYRAMIDAL ARBORVITAE

☼ ◐ *Thuja plicata x standishii 'Green Giant'* • **Zone 5-8** • ***FAST GROWING*** • Height 50 to 75 feet. Width 10 to 20 feet. A vigorous pyramidal grower. Dense, rich green foliage with a graceful fern-like texture. Use as a single specimen or easily maintained hedge or screen. This variety of arborvitae has shown resistance to deer damage and browsing.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
GGARBT4	4-Yr.Transplants	2-2	6-10"	$7.07	$6.27	$5.67	$3.24	$2.89	$1.75

				EACH	5 RATE	10 RATE	25 RATE	300 RATE	
GGARBPS	*GROWN AND SHIPPED IN PLASTIC POTS.*		6-8"	$4.95	$2.85	$2.75	$2.05	$1.65	AVAILABLE LATE MAY

NEW! NIGRA PYRAMIDAL ARBORVITAE

☼ ◐ *Thuja occidentalis 'Nigra'* • **Zone 4-7** • ***FAST GROWING*** • Height 20 to 30 feet. Spread 4 to 5 feet. Dark green foliage persisting through the winter. Insect and disease resistant.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
NIARBT3	3-Yr.Transplants	2-1	12-18"	$7.07	$6.27	$5.67	$3.24	$2.89	$1.75

NEW! RHEINGOLD GLOBE ARBORVITAE

☼ *Thuja occidentalis 'Rheingold'* • **Zone 4-7** • Slow growing to a height of 4 to 5 feet, spread 3 to 4 feet. A small, globe shaped evergreen. Very showy, rich deep golden foliage turns coppery to brownish yellow in winter. No pruning needed. Good accent plant in your landscape.

				EACH	5 RATE	10 RATE	25 RATE	300 RATE
RHARBPT	*GROWN AND SHIPPED IN PLASTIC POTS.*		3-6"	$4.95	$2.85	$2.75	$2.05	N/A

NEW! TECHNY PYRAMIDAL ARBORVITAE

☼ ◐ *Thuja occidentalis 'Techny'* • **Zone 4-7** • Height 10 to 15 feet. Spread 3 to 4 feet. Excellent dark green foliage year around. Good slow growing hedge plant.

				5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
TEARBT4	4-Yr.Transplants	2-2	4-6"	$7.07	$6.27	$5.67	$3.24	$2.89	$1.75

JUNIPER

THE FOLLOWING STATES PROHIBIT SHIPMENT OF JUNIPER IN PLASTIC POTS: AL, AK, AZ, AR, CA, CO, HI, ID, KS, MS, MT, NE, NV, NM, ND, OK, OR, PR, SD, TX, UT, WA AND BRITISH COLUMBIA

Many varieties of low growing Junipers make an excellent ground cover that will grow in hot, dry, windy locations, where Myrtle, Ivy and Pachysandra will not thrive. Those junipers marked with a green star ✱ are recommended for this purpose; space 3 feet apart.

NEW! ✱ BAR HARBOR JUNIPER

☼ *Juniperus horizontalis 'Bar Harbor'* • **Zone 4-9** • Height to 1 foot. Spread 6 to 8 feet. Fast growing with blue-green foliage turning more purple in winter. Excellent as ground cover.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BHJUNPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

✱ BLUE PACIFIC JUNIPER

☼ *Juniperus conferta 'Blue Pacific'* • **Zone 5-9** • Height to 1 foot. Spread to 3 feet. Low trailing habit and ocean blue-green foliage color. Ground cover type juniper used in foundation plantings, around tall shrubs and trees or lovely draped over a wall.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BPJUNPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

✱ BLUE RUG JUNIPER

☼ *Juniperus horizontalis 'Wiltonii' 'Blue Rug'* • **Zone 3-8** • This beautiful blue, creeping plant will grow to a spread of 6 to 8 feet or more and 4 to 6 inches in height. Rapid growing, extremely low juniper. Intense silvery-blue foliage assumes light purplish tinge in winter. Excellent as a ground cover.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BRJUNPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	3-6"	$4.95	$2.85	$2.75	$2.05	$1.65

DEER-X Protective Fencing

Temporary fencing protects shrubs, trees and vegetable gardens from destructive deer. Strong and durable black 3/4" mesh provides an easy and affordable solution without harming deer. Fence measures 7 feet in height and 100 feet in length.

ITEM NO. DEERXF7 $24.95

JUNIPER

NEW! * BLUE STAR JUNIPER

Juniperus squamata 'Blue Star' • Zone 4-8 • Height 3 feet. Spread 3 to 4 feet. Low growing, rounded, compact growth habit. Very rich, silvery-blue needles, year around.

ITEM NO.			EACH	5 RATE	10 RATE	25 RATE	300 RATE
BSJUNPT	GROWN AND SHIPPED IN PLASTIC POTS.	2-4"	$4.95	$2.85	$2.75	$2.05	$1.65 SPRING ONLY

MOONGLOW JUNIPER

Juniperus scopulorum 'Moonglow' • Zone 4-7 • Height to 20 feet; spread 5 feet. A dense conical pyramidal. Intense bluish-gray-green foliage.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
MOJUNPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$5.75	$3.65	$3.55	$2.05	$1.65 SPRING ONLY

NEW! SAYBROOK GOLD JUNIPER

Juniperus chinensis 'Saybrook Gold' • Zone 4-9 • Height 2 to 3 feet. Spread 6 feet. Compact, horizontal spreader. Needle-like foliage bright yellow in summer, more bronze-yellow in winter. Must be in full sun. Plant patent #5014.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
SGJUNPT	GROWN AND SHIPPED IN PLASTIC POTS.	2-4"	$4.95	$2.85	$2.75	$2.05	$1.65

NEW! SEA GREEN JUNIPER

Juniperus chinensis 'Sea Green' • Zone 4-9 • Height 4 to 6 feet. Spread 6 to 8 feet. Compact spreader with fountain-like, arching branches, dark mint green foliage. Good evergreen screen. Foliage darkens in cold weather.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
SEJUNPT	GROWN AND SHIPPED IN PLASTIC POTS.	2-4"	$4.95	$2.85	$2.75	$2.05	$1.65

NEW! SPARTAN JUNIPER

Juniperus chinensis 'Spartan' • Zone 4-9 • *FAST GROWING* • Fast growing, dense, narrow pyramidal growth to 15 feet. Spread 3 feet. Rich green foliage year around.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
SPJUNPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$5.75	$3.65	$3.55	$2.05	$1.65 SPRING ONLY

NEW! WICHITA BLUE JUNIPER

Juniperus scopulorum 'Wichita Blue' • Zone 3-7 • Height of 18 to 20 feet, spreading 5 to 8 feet. This hardy evergreen has a broadly pyramidal shape. The attractive brilliant bright blue foliage is retained year around. Full sun is preferred. Must have well drained soil. Wind resistant. EXCELLANT AS AN UPRIGHT COLOR ACCENT.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
WBJUNPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$5.75	$3.65	$3.55	$2.05	$1.65 SPRING ONLY

BLUE STAR JUNIPER

MOONGLOW JUNIPER

AZALEA • RHODODENDRON

AZALEA AND RHODODENDRON • NO SHIPMENT TO: AL, AK, AZ, AR, CA, CO, HI, ID, KS, MS, MT, NE, NV, NM, ND, OK, OR, PR, SD, TX, UT, WA AND BRITISH COLUMBIA

HARDY EVERGREEN AZALEA

Zone 5-8 • Mature height and spread 3 to 4 feet. One year transplants should grow to a spread of 10 to 12 inches in two years. All varieties for northern gardens. All varieties have proven hardy from zone 5 to zone 8. Plant in good, well drained soil, free of weeds and grass. Full sun is best for most flowers. Prune once yearly, immediately after blooming. Very good for brilliantly colorful low hedges, bank plantings and foundation plantings. Space 3 feet apart.

				EACH	5 RATE	10 RATE	25 RATE	300 RATE
GRAZA3P	Rose, Girard's	GROWN AND SHIPPED IN PLASTIC POTS.	2-4"	$5.95	$3.95	$3.50	$2.05	$1.65

HYBRID RHODODENDRON-STANDARD

Zone 4-8 • Mature height 6 to 10 feet depending upon pruning. Spread 5 to 8 feet. Grown from rooted cuttings. All varieties are proven hardy from northern gardens. Leaves are dark, lustrous green all year. Prune off long shoots once yearly, immediately after blooming. Plant in good, well drained soil. Full sun is best for most flowers. Transplants should be lightly mulched first winter with oak leaves, straw or grass cuttings. One year transplants should grow to a spread of 8 to 10 inches in one year. Very hardy. Single stemmed to lightly branched.

Potted Rhododendron

				EACH	5 RATE	10 RATE	25 RATE	300 RATE
LERHO4P	Dark Purple, Lee's	2-Yr. Transplants	3-6"	$7.95	$5.95	$5.50	$2.05	N/A
PIRHO4P	Pink, Roseum elegans	2-Yr. Transplants	3-6"	7.95	5.95	5.50	2.05	N/A

NEW! DWARF RHODODENDRON

PJM, Lavender • Zone 4-7 • Height and spread 3 to 6 feet. A semi-dwarf rhododendron with small evergreen foliage. Small bright lavender pink flowers in early spring. Compact growth habit, will not get out of hand. Good for under low windows.

			EACH	5 RATE	10 RATE	25 RATE	300 RATE
PLRHOPT	GROWN AND SHIPPED IN PLASTIC POTS.	3-6"	$5.95	$3.95	$3.50	$2.05	$1.65 SPRING ONLY

SEA GREEN JUNIPER

PINK RHODODENDRON

SOIL MOIST ROOT DIP

Soil Moist Root Dip is formulated to inoculate bare root stock prior to planting or shipping. The formulation contains a diverse blend of five species of healthy viable ectomycorrhizal propagules and seven species of endomycorrhizal propagules that are adapted to a wide range of plants and habitat conditions. Five strains of trichoderma are included in the mixture to produce natural growth hormones and enhance disease suppression. Musser Water Gel has been added to the root dip to further increase the moisture retention of plants and soil. The water gel is a non-toxic crosslinked polyacrylamide. The benefits of this product are an important factor to plant survival, establishment and growth. The soil and plant ecosystem is improved. Nutrient and water uptake is increased. Lessens transplanting stress. Three ounces of product will make one gallon of slurry. While agitating one gallon of water in a bucket, slowly add root dip. Continue to mix a few minutes into a slurry or thick gravy consistency. Let product stand 10 to 15 minutes. Immediately before planting, dip roots into mixture making sure roots are entirely coated. Effective on all types of plants and trees with the exception of laurels, rhododendrons and azaleas.

ITEM NO.	SIZE	AMOUNT OF WATER	WILL TREAT	COST
SMRDGE3	3 oz.	1 Gallon	300 Seedlings or 150 Transplants	$ 9.95
SMRDG12	12 oz. Jar	4 Gallons	1,200 Seedlings or 600 Transplants	38.95

GROUND COVER

CROWNVETCH ☼ ◐ *Coronilla varia Penngift Crowns* • Zone 4-9 •

Grows 12 to 18 inches in height in any climate, sun or partial shade. Coarse, strongly branched stems grow 2 to 6 feet in length. Perennial ground cover. Pinkish-white flowers June until frost. Beautifies problem slopes and banks. Extra hardy; never needs mowing. Chokes out weeds, resists drought, disease and insects. Space staggered on 2 foot centers. Closer spacing will yield coverage sooner. Because of its long root, crownvetch requires about one year to become fully established. No significant top growth should be expected until second year after planting. Grows in any soil, clay, sandy or shale.

ITEM NO.		25 RATE	100 RATE	500 RATE	1000 RATE
CROWNV2	2-Yr. Crowns	$ .60	$ .55	$ .50	$ .40

ENGLISH IVY ☼ ◐ ● *Hedera helix* • Zone 4-9 •

Height 6 to 8 inches when used as a ground cover, can climb to 90 feet as a vine. One of the very best EVERGREEN CLIMBING VINES AND GROUND COVERS. Rich dark green, glossy, three-lobed leaves make dense covering especially on brick or stone walls. Thrives in any good soil and under smoky city conditions. Is evergreen the year around. For walls, fences, etc. Especially desirable beneath shrubbery. Will not climb on very smooth or glazed surface. Space 6 inches apart.

		25 RATE	50 RATE	100 RATE	500 RATE
ENGIV1S	Rooted Cutting	$ .60	$ .55	$ .50	$ .40

MYRTLE ◐ ● *Vinca minor* • Zone 4-8 •

Quite often called Periwinkle. Nursery grown ground-hugging plant growing 3 to 6 inches in height. Extra large leaf with perfect, lilac-blue, blue-violet flowers March-April. ONE OF THE BEST GROUND COVERS FOR PARTIAL SUN OR FULL SHADE. Space 6 inches apart. Heavy plants with 10 to 20 runners tied together to form one clump; 50 clumps per bundle of 50. Do not separate clumps; plant as one unit.

		50 RATE	100 RATE	500 RATE
MYRTLE0	Clumps Average 10-20 Runners	$ .60	$ .50	$ .40

PACHYSANDRA TERMINALIS ☼ ◐ ● *Spurge* • Zone 4-8 •

Grows in sun or shade, to a uniform height of 6 to 12 inches. Excellent in masses under heavy shade of trees. A dense, lustrous evergreen, trailing vine-type of ground cover. White flowers, March to early April. If planted 6 inches apart, it will give a pleasing effect immediately and in two years time form a solid ground cover. Any soil. Water liberally. It is VERY HARDY. Fine for terraces or any place where grass is not successful.

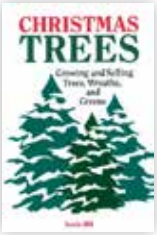
		25 RATE	50 RATE	100 RATE	500 RATE
PACHYS1	Rooted Cutting	$ .60	$ .55	$ .50	$ .40

PACHYSANDRA TERMINALIS ☼ ◐ ● *Pachysandra terminalis 'Green Sheen'* • Zone 4-8 • *FAST GROWING* •

Also known as Shiny Leaf Pachysandra. An excellent evergreen, maintenance free ground cover. Fast growing to a mature uniform height of 8 to 12 inches, giving a perfect flat top effect. The tremendous glossiness of the dark green foliage makes this Pachysandra outstanding. The lightly toothed oval leaves have an impressive sheen that often appear to be plastic or fake. Inconspicuous, small, white, fragrant flowers in early summer. Deer resistant. Will tolerate heat and humidity. Prefers well drained, organically rich loam. Plant in sun or shade. Excellent for shady areas and one of the few ground covers that will grow under pine trees. Plant between or behind buildings or in other locations too shady to grow grass. Use as a border plant or driveway edging.

		25 RATE	50 RATE	100 RATE	500 RATE
GSPACS1	Rooted Cutting	$ .60	$ .55	$ .50	$ .40

CHRISTMAS TREES - GROWING AND SELLING TREES, WREATHS AND GREENS



This paperback contains 152 pages and 19 chapters of information pertaining to growing and marketing Christmas trees, greens and wreaths. Topics covered in this book include: Site selection, varieties of trees to grow, cultural practices, soil preparation and fertility, tree planting, shearing, weed control, insect and disease related problems and control methods. A great book for the beginner or the seasoned grower.

ITEM NO. TWGBOOK **$12.95**

CROWNVETCH

ENGLISH IVY

MYRTLE

PACHYSANDRA

GREEN SHEEN PACHYSANDRA

GREEN MOUNTAIN BOXWOOD ◐ ●

Buxus microphylla var. koreana x B. sempervirens 'Green Mountain' • **Zone 4-9** • Height 5 feet. Spread 3 feet. An upright form of boxwood. Small dark green leaves. An excellent shrub for hedging. Requires cool, moist soil conditions.

ITEM NO.			5 RATE	10 RATE	25 RATE	50 RATE	100 RATE	300 RATE
GMBOXT3	3-Yr.Transplants	4-8"	$4.48	$3.68	$3.08	$1.76	$1.57	$ .95

PERENNIAL

BLACK-EYED SUSAN ☼

Rudbeckia fulgida 'Goldsturm' • **Zone 3-9** • A very vigorous and compact variety of Black-Eyed Susan, with exceptionally bright golden flowers, July into fall. Height and spread 2 to 2 ½ feet. Easily reseeds. Seeds attract wild birds, a favorite of wild turkeys. Spectacular in mass plantings, use along fences, driveways, walks and property boundaries.

		EACH	5 RATE	10 RATE	25 RATE
PBESUPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	$4.95	$2.85	$2.75	$1.10 SPRING ONLY

PURPLE CONEFLOWER ☼ ◐

Echinacea purpurea • **Zone 3-9** • ***1998 PERENNIAL PLANT ASSOCIATION PLANT OF THE YEAR!*** A very robust perennial that is native to the midwestern and southeastern United States. This plant grows to a height of 24 to 36 inches tall with a spread of 12 to18 inches. The large, daisy-like flowers grow on sturdy stems ranging in height from 3 to 5 feet. The flower petals range in color from purple to lavender. The seed center is a large, orange-copper colored cone that is hard and prickly. Blooms all summer and into autumn. Plant in full sun or partial shade. Prefers well drained fertile soil, but is drought tolerant and adaptable to heat, poor soils and high humidity. Maintenance free. Great for cutting and drying. A butterfly favorite. Goldfinches and other birds love to feast on the seeds in winter. One of the most dependable flowers lending color to a garden, in the height of the summer. Stunning in mass plantings!

		EACH	5 RATE	10 RATE	25 RATE
PPUCOPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	$4.95	$2.85	$2.75	$1.10 SPRING ONLY

STELLA D'ORO DAYLILY ☼ ◐

Hemerocallis 'Stella d'Oro' • **Zone 2-9** • A wonderful repeat blooming dwarf daylily. Golden yellow flowers with darker throat all summer. Height 12 inches. Organic, well drained soil. These are neat, compact plants and make wonderful low borders, space 1 foot apart.

		EACH	5 RATE	10 RATE	25 RATE
PSDDAPT	*GROWN AND SHIPPED IN PLASTIC POTS.*	$4.95	$2.85	$2.75	$1.10

POTTED PLANTS RESTRICTED TO: AL, AK AZ, AR, CA, CO, HI, ID, KS, MS, MT, NE, NV, NM, ND, OK, OR, PR, SD, TX, UT, WA AND BRITISH COLUMBIA

BLACK-EYED SUSAN

PURPLE CONEFLOWER

STELLA D'ORO DAYLILY

INDIVIDUALLY PACKAGED TREES

BARE ROOT TREES

Your choice of any 3-yr. evergreen or your choice of any deciduous tree, up to 24" in height. Trees are packaged in a plastic bag, containing Water Gel to keep roots moist and tied with a twist tie. Trees will keep this way for about one week. Shipping season for bare root trees is March 15 to May 15 and September 15 to November 15.

Note: Bare root trees are not free-standing.

COST:
- **Packaging** — **Add .65 to cost of tree**
- **Packaging and message tag** — **Add .80 to cost of tree**
- **Packaging and bow** — **Add 1.15 to cost of tree**

POTTED TREES

Your choice of any potted evergreen or deciduous tree.(Listed as grown and shipped in plastic pots.) Excluding Ground Cover Junipers.
Shipping season for potted trees is year around.

Note: Potted trees are free-standing.

COST:
- **Packaging** — **Add .70 to cost of tree**
- **Packaging and message tag** — **Add .85 to cost of tree**
- **Packaging and bow** — **Add 1.20 to cost of tree**

GREAT TREES FOR: *• Earth Day • Housewarmings • Promotions • Anniversaries • Arbor Day • Births • Store Openings*

YOUR PERSONALIZED MESSAGE GOES HERE

White tag, black print ½ x 7". Your message can have 2 lines of print, 30 characters per line, including spaces.
Bags: Growing Trees For A Better World bag or 4-Color photo bags for Colorado Blue Spruce, Each with planting instructions on back or plain white opaque bag.

Please contact our office for more information.

WEDDING FAVORS

BARE ROOT TREES

Your choice of any 3-yr. evergreen or your choice of any deciduous tree up to 24" in height.
Suggested Varieties: 3-yr. Eastern White Pine, Norway Spruce, Concolor Fir or Douglas Fir.

Shipping Season: March 15 to May 15 and September 15 to November 15.
(These trees are not free-standing) • Cost: $2.25 each, plus shipping and handling

POTTED TREES

Your choice of any potted evergreen or deciduous tree. (Listed as grown and shipped in plastic pots.) Excluding Ground Cover Junipers.

Suggested Varieties: Eastern White Pine, Norway Spruce or Canadian Hemlock.

Shipping Season: Year around
(Potted trees are free-standing) • Cost: $3.55 each, plus shipping and handling

Personalized message tag, add .15 ea. to cost of tree. These packaged trees should be given out and planted within one week after you receive them. Please keep in a cool place, out of sun and drafts. White Opaque bag, no planting directions. Satin Bows: Azalea, Beauty, Black, Burgundy, Celery, Chocolate, Citrus, Daffodil, Dark Purple, DuBonnet Rose, Eggshell, Gold, Holiday Gold, Hunter, Imperial Red, Ivory, Lavender, Light Blue, Navy, Periwinkle, Pink, Royal Blue, Silver, Spruce, Tropical Orange, White or Yellow.

Please contact our office for more information.

MUSSER FORESTS INC. • FALL 2020/SPRING 2021

1880 ROUTE 119 HWY N
INDIANA, PA 15701-7341

Customer # _____

Name _____

Company Name _____
(IF APPLICABLE)

Address _____

City _____ State _____ Zip _____ - _____
5 DIGITS 4 DIGITS

Daytime Phone (____) _____

Email: _____
REQUIRED FOR SHIPMENT NOTIFICATION.

SHIP TO: If different from address to left check (x) one.

☐ **Address for this shipment only.** ☐ **Gift**
☐ **I am using another person's catalog.** ☐ **Work Address**

Name _____

Company Name _____
(IF APPLICABLE)

Address _____

City _____ State _____ Zip _____ - _____
5 DIGITS 4 DIGITS

Daytime Phone (____) _____

☐ **Shipping Date:** Proper planting time for your area.

_____
We do not guarantee shipping dates.

☐ **Pick-Up Date:**

_____

Order by Phone: (724) 465-5685 or
(800) 643-8319 (For orders only)
Order by Fax: (724) 465-9893
Order by Email: info@musserforests.com
Order on our Website: musserforests.com

DO NOT WRITE IN THIS SPACE

THANK YOU FOR YOUR ORDER

	Name of Item	Size	Item Number	Quantity	Unit Price	Extended Price
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

SHIPPING METHODS AND APPROXIMATE COSTS (See below for cost listing)
You will be billed for additional shipping and handling charges after shipment if actual charges exceed the amount you remitted. We strongly recommend Air Service or Priority Mail for shipments to western states.

Please check one ☐ **Pick Up** ☐ **Ground** ☐ **2nd Day Air** ☐ **Priority Mail**

CHECK PAYMENT METHOD:

1. ☐ Check or money order enclosed
2. ☐ MASTERCARD
3. ☐ VISA
4. ☐ DISCOVER
5. ☐ AMERICAN EXPRESS

CARD NO. _____ **Verification No.** ____ ____ ____

Signature _____ **Expiration Date** _____
Mo./Year

Credit card orders will not be charged to your account until the beginning of our shipping season.

TOTAL OF ORDER	
SHIPPING & HANDLING CHARGES $10.00 Minimum See below for percentages to use for shipping method chosen.	
TOTAL OF ABOVE 2 LINES	
PA Sales Tax: Add 6% (see below)	
SUBTOTAL	
LESS CREDIT OR DEPOSIT	
GRAND TOTAL	

More products available on our website!

WITHIN CONTINENTAL UNITED STATES

Pick-up at Nursery • No shipping or handling charges.
Ground • Add 20% to value of order. If order total is $50.00 or less add $10.00 minimum charge for S&H.
2nd Day Air • Add 60% to value of order. If order total is $58.33 or less add $35.00 minimum charge for S&H.
Priority Mail • Add 65% to value of order. If order total is $15.38 or less add $10.00 minimum charge for S&H.
Any shipment to a P.O. Box # must ship VIA Priority Mail.

ALASKA, HAWAII & PUERTO RICO

2nd Day Air • Add 80% to value of order. If order total is $50.00 or less add $40.00 minimum charge for S&H.
Priority Mail • Add 95% to value of order. If order total is $10.53 or less add $10.00 as a minimum charge for S&H.
Any shipment to a P.O. Box # must ship VIA Priority Mail.

CANADIAN SHIPMENTS

Contact our office for information on all shipments to Canada.

www.musserforests.com

Normal Business Hours E.S.T. • Extended Seasonal Hours
Main Office (724) 465-5685
Garden Center Information (724) 465-5684

Due to varied weather and digging conditions, we cannot guarantee to ship on exact date you request. Every effort is made to ship on date requested.

PA Sales Tax: Orders to PA destinations, add 6% Sales Tax to total cost of trees, plus shipping and handling charges (unless you are tax exempt).

PINE SPECIES RESTRICTED TO: CA, HI, MT, NV, OR.

PLASTIC POTS RESTRICTED TO: AL, AK, AZ, AR, CA, CO, HI, ID, KS, MS, MT, NE, NV, NM, ND, OK, OR, PR, SD, TX, UT, WA AND BRITISH COLUMBIA.