


# Pikes Peak Nurseries 

Pennsylwania's Pioneer Commercial Evergreen Nursery Est. 1921

We have the plants that are right for your needs! Plants for Wildlife... for Wetlands... for Christmas Trees... for Reclamation... for Parklands... for Landscapes Proper plants in the proper season.



Pennspluania's Pianeer Cammercial Evergreen

We have many challenges as we move onward into our second century that seemed to have become more pronounced. Government induced inflation, supply chain shortages, and labor shortages put stresses on our ability to produce desirable plants.

Our production has always been controlled by the availability of native seeds. We are always looking for more collectors to harvest seeds in more diverse areas to insure a more continuous supply year after year.

If any of our customers are interested in doing seed collections, please contact us for more information, and we will let you know year to year, what is needed to be collected.

Nursery located on Route 422, 10 miles East of Indiana, PA 8289 Route 422 Highway East, Penn Run, PA 15765
Phone: (724) 463-7747 • 1-800-787-6730 • Fax: (724) 463-0775
Website: www.pikespeaknurseries.net
Email: pikespeaknurseries@verizon.net
Nursery open Monday through Saturday 8:00 a.m. to 5:00 p.m.

## Individually Wrapped Seedlings



We are prepared to supply you with a unique gift or promotion for your events and special occasions. We will place an individual seedling in a poly bag, with moist recycled newspaper with an attached "How to Plant" tag. These seedlings will remain fresh up to two weeks from the time you receive them.
2-0 and 3-0 evergreen seedlings, and $4 / 6^{\prime \prime}$ and $6 / 12^{\prime \prime}$ ornamental trees and shrubs are normally used. Select a seedling variety from this catalog, and Pikes Peak Nurseries will prepare your favor or promotion. If you would like to have any special labeling for your event or occasion, we would be pleased to assist you. Also, if you would like to have larger plants, or quantities, please inquire and we will give you special pricing.

## Computing your charges

For 2-0 and 3-0 conifers and 4/6" and 6/12" or ornamentals, the individual wrapping fee would be as follows:

$$
\begin{aligned}
10-100 \text { seedlings } & \$ 2.00 / \text { ea (wrapping fee only) } \\
101+\text { seedlings } & \$ 1.50 / \text { ea (wrapping fee only) }
\end{aligned}
$$

## Computing your Total Cost:

No. of Seedlings $x$ (Seedling price each, found inside the catalog on pages 6-23 + wrapping charge) $=$ Total Price Each.
F.O.B. Pikes Peak Nurseries, Penn Run, PA. Shipping Via FedEx or UPS is $30 \%$ of the total cost on the Individually Wrapped Seedlings.

## Pikes Peak Nurseries

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for chrlstimes Itrees.on for Reclamattonn for Perklandkm for Landscapes
We have the plants that are ridght for your needs!

Our stock has been inspected for shipment anywhere in the United States. However, individual state quarantines may restrict shipment of certain varieties.

See page 36 for specific state quarantines.

Feel free to visit our nursery during our open hours We enjoy showing guests what we are doing at Pikes Peak Nurseries.
"Organizations, Businesses, Weddings" - Ask us about individually wrapped seedlings. See page 1

Due to varied weather and digging conditions, we cannot guarantee to ship on the exact date of your request

If you have a deer browse problem - try Peak Pak "Continuem" \& "Tree Pro" tree protectors - pages 29 \& 30

## - Special Discounts -

Discounts are based on quantities in one size and variety. 5,000-9,975 = 5\% Discount 10,000-24,975 =10\% Discount 25,000 or more $=15 \%$ Discount


This map follows the USDA cold hardiness system, which is based on average minimum temperatures in each area and gives a guideline for plant adaptability.
Plant material in our catalog is rated with a USDA zone number, which is correct to the best of our knowledge.
However, we cannot be responsible for hardiness since growing conditions, site selection and unusual winter weather will affect winter survival.

## KEY TO GATALOG SYMBOLS

Tolerant To: Dry, Exposed Sites Pollution Wetlands $\mathrm{O}_{-}^{\circ}$ Salt
Recommended Uses: Windbreaks WN Wildife Christmas Trees Reforestation

## Conifer Seedlings \& Transplants

## Abies balsamea (Balsam Fir)

## Zone 3-6

This fragrant pyramidal evergreen has flat, round tip dark green needles $5 / 8^{\prime \prime}$ to $1^{\prime \prime}$ long. Will grow in cool, moist, sheltered locations and swampy areas. Beautiful, fragrant Christmas trees and good ornamental.

| Cooks Blue |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6 "$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $6-12^{\prime \prime}$ | 2.65 | 1.59 |


| Nova Scotia |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6 "$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $6-12 "$ | 2.65 | 1.59 |

## Abies balsamea phanerolipsis (Canaan Fir)

## Zone 3-6

Good characteristics of the Fraser Fir, with the ability to tolerate poorly drained, heavy soils. Trees are developing a good reputation for growth and color.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6^{\prime \prime}$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $6-12 "$ | 2.65 | 1.59 |

## Abies bornmuellreriana (Turkish Fir)

## Zone 4-7

This is a fast growing fir that is native to northwestern Turkey. Do not plant in areas prone to late frost because of early bud break. Will grow in a wide variety of soil types. Great ornamental or Christmas tree.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6 "$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $5-10 "$ | 2.65 | 1.59 |

## Abies concolor (Concolor Fir)

## Zone 3-7

One of the most beautiful pyramidal coniferous ornamentals. An evergreen with flat, varying soft green to deep blue needles. 1-1/2" to 2 " long, bearing cones 3 " to $5^{\prime \prime}$ long at maturity. A very hardy tree growing in a variety of well-drained soils, standing dryness and high temperatures better than other firs. Rapid grower after becoming established. Makes a handsome ornamental specimen, and decorative Christmas tree.

| Kaibab, NF |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $5-10 "$ | 1.30 | .78 |

## Planting Tip

Cover crops are important to inhibit erosion and retain moisture and to control unwanted weed seedlings.

Abies fraseri (Fraser Fir)
Zone 4-7
A medium-sized pyramidal growing fir of great beauty. Good for ornamentals and Christmas trees. Prefers cool soils and a north exposure.

| Roan Mountain, N.C. |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6 "$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $6-12^{\prime \prime}$ | 2.65 | 1.59 |

## Abies fraseri x balsamea (Fraser x Balsam Fir Hybrid) <br> Zone 4-7

A natural hybrid which combines Fraser like growth characteristics with the site adaptability of Balsam Fir.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6 "$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $5-10^{\prime \prime}$ | 2.65 | 1.59 |

## Abies grandis (Grand Fir)

Zone 4-7 庴
Distinctive lowland fir of the upper northwest. Needles will vary in length from $1 / 2^{\prime \prime}$ to 2 " and are double raked on the lower branches. Will grow to 100' on a wide range of soil types. Excellent as an ornamental specimen or as a Christmas tree.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $4-8^{\prime \prime}$ | 1.30 | .78 |
| 4 yr. Transplant | $2-2$ | $5-10^{\prime \prime}$ | 2.65 | 1.59 |

## Abies koreana (Korean Fir) <br> Zone 4-8

Excellent for landscape or Christmas trees. This Asian fir will tolerate a wide range of soil types. Dark green needles and bright silver stomata, this fir has a natural compact pyramidal form.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $5-10^{\prime \prime}$ | 2.65 | 1.59 |

## Abies koreana x balsamea (Korean x Balsam Fir Hybrid) Zone 4-8 <br> Seed orchard produced hybrid of Korean and Balsam Fir to develop a faster growing variety with the best characteristics of both species.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | 1.20 | .72 |

## Abies Iasiocarpa (Corkbark Fir)

Zone 3-7
A compact growing blue-green fir with a spiral crown. This is a hardy high altitude fir, requiring good drainage.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | 1.20 | .72 |

## Abies nordmanniana subsp. Equi-trojani (Trojan Fir) Zone 4-7

Native fir to northwestern Turkey with denser and blunter needles that are attached to stems at acute angles. Will adapt to a wide range of soil types.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | 1.20 | .72 |

## Juniperus virginiana (Red Cedar)

## Zone 3-8

A tree with very dense foliage, being a juniper and not a true cedar. Leaves are narrow, 1/16" to 1" long, dark green scale-like and compressed to form a four sided branchlet. By autumn develops dark blue, fleshy, highly aromatic, berry-like cones which are food for birds and small mammals. Has a shreddy-like red-brown bark. Grows well in a variety of soils, ideal for swampy areas in full sun. An attractive ornamental when planted alone, or a good dense windbreak when planted in rows.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 1 yr. Seedling | $1-0$ | $4-8^{\prime \prime}$ | 1.00 | .60 |

## Larix leptolepsis (Japanese Larch)

## Zone 2-6

Deciduous conifer of delicate beauty, especially when in new growth in spring. Rapid grower in most soils in northern climate. Early spring planting advised.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $5-12 "$ | 1.20 | .72 |

## Picea abies (Norway Spruce)

## Zone 2-7

This graceful pyramidal has sharp, shiny, dark green needles. Beautiful spreading branches with drooping twigs. An extremely hardy tree that is successful under most soil conditions. Makes a charming Christmas tree, an appealing ornamental specimen, or a protective windbreak. Fast growth makes the spruce ideal for timber.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |
| 2 yr. Seedling | $2-0$ | $5-10^{\prime \prime}$ | 1.10 | .66 |
| 4 yr. Transplant | $2-2$ | $6-12 "$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $12-18 "$ | 2.65 | 1.59 |

## Picea engelmanni (Engelmann Spruce)

## Zone 2-7

A narrow pyramidal evergreen that adapts itself to eastern conditions, and will grow in northern exposures in rather moist clay loam soils. This spruce has slender, straight to slightly curved needles, varying from bluish-green to steel-blue, $1 / 2^{\prime \prime}$ to $1^{\prime \prime}$ long. Bears cones at maturity of $1-1 / 2^{\prime \prime}$ to 3 " long. Slow growing, it tolerates hot drying winds. Are beautiful as ornamental plantings, or as Christmas trees.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |

Promotions with Live Trees - Page 1
Individual State Quarantines Restrictions - Page 36

## Picea glauca (White Spruce) <br> Zone 2-7 悬 峝

An extremely hardy evergreen with short bluish-green needles. A rapid grower preferring welldrained loam, but is successfully planted in most other soils. Makes a beautiful Christmas tree, ornamental specimen, when planted as a single, or stately windbreak planted in rows.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |
| 2 yr. Seedling | $2-0$ | $5-10^{\prime \prime}$ | 1.10 | .66 |
| 4 yr. Transplant | $2-2$ | $6-12^{\prime \prime}$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $12-18 "$ | 2.65 | 1.59 |

## Picea glauca densata (Black Hills Spruce)

## Zone 2-6

This extremely hardy pyramidal evergreen which grows well in a variety of soils. Can be planted as a handsome ornamental or in groups for windbreaks. This beautiful, hardy blue-green tree requires little care.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |

## Picea meyeri (Meyeri Spruce) <br> Zone 4-7

A very hardy native of China. This is a blue-green spruce with blunter needles and more flexible branches than Colorado Blue Spruce. Excellent needle retention. Does well in a variety of soils.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |

## Picea omorika (Serbian Spruce) <br> Zone 4-7

A hardy, narrow pyramidal variety with dense foliage. Needles are green with white undersurfaces. Tolerant to cold weather, does well in sun, but withstands shade, in moderately moist soils. One of the finest spruces.

|  |  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |
| 2 yr. Seedling | $2-0$ | $5-10 "$ | 1.10 | .66 |

## Picea pungens glauca (Colorado Blue Spruce) <br> Zone 2-7

All Colorado Blue Spruce offered is bed run. The seed we plant is of the finest quality from dependable sources. Color in Colorado Blue Spruce is influenced by spacing and soil fertility. We make no representation as to percentage of blue trees. Bed run - greens to blues.

| Kaibab, NF |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |
| 2 yr. Seedling | $2-0$ | $5-10 "$ | 1.10 | .66 |
| 4 yr. Transplant | $2-2$ | $5-10 "$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $10-18 "$ | 2.65 | 1.59 |

Picea pungens glauca (Colorado Blue Spruce) (continued)

## Pal-Select/Santa Fe, NM

Excellent for its deep blue color and uniform shape.

|  |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |
| 4 yr. Transplant | $2-2$ | $5-10 "$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $10-18 "$ | 2.65 | 1.59 |

## Pinus nigra (Austrian Pine)

Zone 4-8
$\mathrm{O}^{\circ}$
Graceful very hardy, rapid growing evergreen with rugged horizontal branches. Endures heat and cold, is tolerant of dust and smoke, and grows well in a variety of soils. Ideal for ornamental single specimen planting; good for Christmas trees, windbreak, and soil erosion control.

|  |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $4-8 "$ | 1.10 | .66 |

## Pinus strobus (Eastern White Pine)

Zone 3-8 Nin FNF
A majestic evergreen beauty when planted as a single specimen tree, this very hardy pine grows stately and gracefully tall. Needles are soft and bluish-green in color. Bark is thin, smooth and greenish-brown, turning darker as trees mature. With adequate moisture, growth can be 12 "to 18" per year. Ideal for specimen planting, shade, windbreaks and appealing Christmas trees.

| North Carolina |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $4-8 "$ | 1.10 | .66 |
| 4 yr. Transplant | $2-2$ | $5-10^{\prime \prime}$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $10-16^{\prime \prime}$ | 2.65 | 1.59 |

## Pinus strobiformis (Southwestern White Pine)

Zone 4-7
Known for its bluish color and long needles, this White Pine is popular as both a Christmas tree and ornamental. Requires early shearing to produce a top quality Christmas tree.

|  |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $4-10^{\prime \prime}$ | 1.10 | .66 |
| 4 yr. Transplant | $2-2$ | $10-16^{\prime \prime}$ | 2.65 | 1.59 |

## Pinus sylvestris (Scotch Pine)

## Zone 3-8

Beautiful evergreen with rigid, bluish-green needles. A vigorous-growing, hardy plant, adjusts itself to dry soils. Easily transplanted. One of the fastest-growing of the pine family. Popular for Christmas tree producers, a good ornamental for specimen planting. Excellent for windbreak use.

## French Noble

A dark green Scotch Pine suitable for Christmas trees or landscape. Fast growing in well drained areas.

|  |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $5-12 "$ | 1.10 | .66 |

## Pseudotsuga menziessi glauca (Douglas Fir)

## Zone 4-6

A splendid pyramidal evergreen conifer, with short-stalked flat, dark green or bluish-green needles, $3 / 4$ " to 1-1/4" long. Bears cones at maturity 2" to 4" long. A rapid grower, hardy tree that grows well in a variety of soils, but does best in deep well-drained soils. Beautiful Christmas tree, picturesque ornamental, windbreak, and can be sheared as a hedge.

## Lincoln N.F.

A good blue strain which also breaks bud late. Most used of the Douglas Fir varieties for Christmas tree production.

|  |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-5 "$ | .90 | .54 |
| 2 yr. Seedling | $2-0$ | $5-10^{\prime \prime}$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $6-10 "$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $10-18 "$ | 2.65 | 1.59 |

## Thuja occidentalis (American Arborvitae)

Zone 3-6 面 RNT
A handsome pyramidal evergreen with foliage varying from dark green to light green during growing season. A very hardy, easily transplanted evergreen that grows well in a variety of soils, but best in loamy moist soil. Excellent for screens and tall hedges. Easily sheared.

|  |  | Grade size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: | :---: |
| 2 yr. Seedling | $2-0$ | $3-6 "$ | .90 | .54 |
| 3 yr. Seedling | $3-0$ | $6-12^{\prime \prime}$ | 1.20 | .72 |
| 4 yr. Transplant | $2-2$ | $6-12 "$ | 2.20 | 1.32 |
| 4 yr. Transplant | $2-2$ | $12-18 "$ | 2.65 | 1.59 |
| 4 yr. Transplant | $2-2$ | $18-24 "$ | 3.00 | 1.80 |

## Planting Tip

Evergreen and deciduous seedlings produced at our nursery are adaptable to a broadband of the northern temperate zone. Seedlings and transplants are easily planted on about any site where enough soil can be compacted firmly around roots. Check with your state district forest for recommendations in your area.

## Planting Tip

Prepare planting area at least one season before planting. This will allow for proper grading, tillage, and establishment of cover crop.

## Ornamental Tree \& Shrub Seedlings

## Acer ginnala (Amur River Maple)

## Zone 3-8

A small maple attaining a height of approximately 20 feet. A very decorative maple with small leaves. Turns a brilliant red in fall. Grows well in moist soils, in sun and does not require regular pruning. Good noise barrier or tall screen.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $12-18^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $18-24 \prime \prime$ | 2.00 | 1.20 |
| Seedling | $24-36$ " | 2.20 | 1.32 |
| Seedling | $3-4 \prime$ | 2.50 | 1.50 |

## Acer rubrum (Scarlet Maple)

Zone 3-9 I - -
A handsome native tree growing to 50 to 60 feet, developing a round head of green leaves with silver undercolor. Silver-gray bark, with leaves turning brilliant crimson in fall. Grows well in all soil types.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | 1.00 | .60 |
| Seedling | $6-12 "$ | 1.40 | .84 |
| Seedling | $12-18 "$ | 1.50 | .90 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |

## Acer saccharum (Sugar Maple)

## Zone 3-8

An attractive maple that can be used for dual purposes. A handsome tree for shade. Rounded head with dense green foliage having serrated three to five lobed leaves. The smooth silvery bark becomes darker as the tree ages. Mature trees produce sap in spring that can be used for making delicious maple syrup and sugar. Wood of these trees is hard maple, valuable for floors and furniture making. Mature height approximately 70 to 100 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | 1.00 | .60 |
| Seedling | $6-12 "$ | 1.40 | .84 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |

## Aronia arbutifolia (Red Chokeberry)

## Zone 4-8 Im MN N:

Excellent shrub for borders or mass plantings. Bright white flowers in May, brilliant red berries in fall, retained into winter. Bright red fall foliage. Does well in wet soils.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36 "$ | 2.30 | 1.38 |

## Aronia melanocarpa (Black Chokeberry) <br> 

Very adaptable shrub 1-1/2 to 3 feet tall producing red to purple fruit in fall. Shade tolerant, preferring wet bog or swampy soils. Valuable source of wildlife food for fall and winter.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36 "$ | 2.30 | 1.38 |
| Seedling | $3-4 \prime$ | 2.60 | 1.56 |

## Asimina trilloba (Paw Paw)

Zone 4-8
iny
Growing to 15 to 20 ft., this beautiful native tree does well in moist to well drained soils, in shade to full sun. Landscape interest with purple flowers in spring, green waxy leaves in summer, golden fall color and edible fruit.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 2.10 | 1.26 |
| Seedling | $12-18^{\prime \prime}$ | 2.30 | 1.38 |

## Betula nigra (River Birch) (Spring Shipping Only) Zone 3-9 Din, MN O:

A native birch to the river bottoms, but does well in many soils. Reddish-brown exfoliating bark. Resistant to bronze birch borer.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $12-18 "$ | 1.50 | .90 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |

## Carpinus caroliniana (American Hornbeam) (Ironwood) Zone 3-9 N MN

Native small, upright tree with a rounded crown. Grows well in full shade or full sun, in moist acid, soils. Grows to 30 ft .

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $18-24^{\prime \prime}$ | 2.00 | 1.20 |
| Seedling | $24-36^{\prime \prime}$ | 2.20 | 1.32 |
| Seedling | $3-4^{\prime}$ | 3.00 | 1.80 |
| Seedling | $4-5^{\prime}$ | 6.00 | 3.60 |

## Carya laciniosa (Shellbark Hickory)

## Zone 4-8 Nive

Closely related to Shagbark Hickory, growing to 80 ft., but with tight smooth bark. Produces a larger edible nut than Carya ovata. Good for landscape and lumber.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $2-4 "$ | 1.00 | .60 |
| Seedling | $4-8 "$ | 1.30 | .78 |

## Carya ovata (Shagbark Hickory)

## Zone 4-8 RN*

Noted for its distinctive shaggy bark, this native hardwood produces edible nuts and desirable hardwood lumber.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $2-4 "$ | 1.00 | .60 |
| Seedling | $4-8 "$ | 1.30 | .78 |
| Seedling | $8-16 "$ | 2.00 | 1.20 |
| Seedling | $16-24 "$ | 2.50 | 1.50 |

## Castanea mollisima (Chinese Chestnut)

Zone 4-8 _- No MN
Grown in our nursery from seed of selected strain. Hardy, blight-resistant, fast growing tree which bears nuts slightly larger than the now extinct American Chestnut. Plant two or more for pollination. Height at maturity about 30-35 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.30 | .78 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36 "$ | 2.20 | 1.32 |

## Celtis occidentalis (Hackberry)

Zone 4-9
An excellent wildlife plant bearing dark berries and growing to about 40ft. Tolerates adverse conditions.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.30 | .78 |
| Seedling | $12-18 "$ | 1.50 | .90 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36 "$ | 2.20 | 1.32 |

## Cephalanthus occidentalis (Buttonbush)

## Zone 4-8 - NN

A native to the eastern United States that will thrive in wet and low lying areas. Blooms July and August with cream colored flowers that develop into nutlet type fruits remaining on into the winter.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.30 | .78 |
| Seedling | $18-24 "$ | 1.50 | .90 |

## Cercis canadensis (American Redbud)

## Zone 4-9 <br> $0: \mathrm{NH}^{*}$

A small flat-topped tree, producing pink blooms on bare stems in early spring. Foliage is large and heart-shape, changing to yellow in the fall. Does well in a protected location.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.40 | .84 |
| Seedling | $12-18 "$ | 1.80 | 1.08 |
| Seedling | $18-24 "$ | 2.10 | 1.26 |

## Cornus amomum (Silky Dogwood) <br> Zone 5-8 , Nत

Shrub form dogwood producing good wildlife cover and feed for birds. Berries produced are a pale blue with foliage turning a deep red in fall, used for borders and screens for landscapes.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.00 | .60 |
| Seedling | $12-18 "$ | 1.20 | .72 |
| Seedling | $18-24 "$ | 1.40 | .84 |

## Cornus florida (White Flowering Dogwood)

## Zone 4-8 工im RN

Still one of the most popular of native flowering trees. In early spring it is covered with whitepetaled flowers, in early fall with red berries and beautiful crimson leaves.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.30 | .78 |
| Seedling | $18-24 "$ | 1.60 | .96 |

## Cornus kousa chinensis (Kousa Dogwood) <br> Zone 4-8 $\quad$ NN世 0 :

Flowering tree growing in popularity because of its uniform growth and pure white star shaped flowers appearing weeks later than Cornus florida, and lasting several weeks. Landscape uses are numerous.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.30 | .78 |
| Seedling | $18-24 "$ | 1.60 | .96 |
| Seedling | $24-36^{\prime \prime}$ | 1.80 | 1.08 |
| Seedling | $3-4^{\prime}$ | 2.50 | 1.50 |
| Seedling | $4-5^{\prime}$ | 6.00 | 3.60 |

## Cornus racemosa (Gray Dogwood)

## Zone 4-8 Tin , MN

Attractive shrub grown as a single tree, dense, rounded, compact. Creamy white flowers, producing white berries. Tolerates moist or dry soils, sun or shady locations.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.00 | .60 |
| Seedling | $12-18^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $18-24 "$ | 1.40 | .84 |
| Seedling | $24-36 "$ | 1.80 | 1.08 |
| Seedling | $3-4^{\prime}$ | 2.20 | 1.32 |

## Cornus sericea (Red Osier Dogwood)

## Zone 2-8

IN. - MN2
Large shrub dogwood with bright red stems showing off well in winter snow. Berries are white to gray at maturity preferred as a wildlife food by bluebirds and gamebirds.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $12-18 "$ | 1.20 | .72 |
| Seedling | $18-24 "$ | 1.40 | .84 |
| Seedling | $24-36 "$ | 1.80 | 1.08 |

## Corylus americana (American HazeInut)

## Zone 4-9 - In N

Small multi-stemmed tree producing edible nuts also known as Filberts. Dark green foliage in summer turning bright yellow in fall.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.50 | .90 |
| Seedling | $12-18^{\prime \prime}$ | 1.80 | 1.08 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36 "$ | 2.50 | 1.50 |

## Corylus americanalimproved (American HazeInut, Improved) Zone 4-9 NAN <br> Orchard grown selection of Corylus americana that have more desirable, superior, edible nuts.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.80 | 1.08 |
| Seedling | $12-18 "$ | 2.00 | 1.20 |
| Seedling | $18-24 "$ | 2.50 | 1.50 |

## Diospyros virginiana (Persimmon)

Zone 5-8, Nimz
Growing to 60ft., this native tree does well in difficult extremely dry soils. Fragrant white flowers in spring yield orange edible fruit in the fall.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.40 | .84 |
| Seedling | $18-24 "$ | 1.60 | .96 |

## Gleditsia tricanthos inermis (Honey Locust)

Zone 3-8
IWIU $0^{\circ}$
Native tree with rounded crown growing to 60-80' in height and width. Will develop single and branched thorns on the trunk and branches. Green-yellow flowers followed by long brown seedpods.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $12-18 "$ | 1.30 | .78 |
| Seedling | $18-24 "$ | 1.80 | 1.08 |
| Seedling | $24-36 "$ | 2.50 | 1.50 |

## Juglans ailantifolia (Heartnut) (Siebold Walnut)

## 

A great edible nut that is heart shaped and easy to shell. This Asian walnut will grow over a wide range of the United States. A great addition to any edible nut orchard or home garden.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.30 | .78 |
| Seedling | $12-18^{\prime \prime}$ | 1.40 | .84 |
| Seedling | $18-24 "$ | 2.20 | 1.32 |
| Seedling | $24-36^{\prime \prime}$ | 2.40 | 1.44 |
| Seedling | $3-4^{\prime}$ | 4.00 | 2.40 |
| Seedling | $4-5 \prime$ | 6.00 | 3.60 |

Juglans cinera (Butternut) (White Walnut)
Zone 4-9
Nuts resemble Black Walnuts, but smaller with an oily, spicy flavor. Tree is best known for the rich quality of its wood.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.30 | .78 |
| Seedling | $12-18^{\prime \prime}$ | 1.40 | .84 |
| Seedling | $18-24 \prime \prime$ | 2.20 | 1.32 |
| Seedling | $24-36^{\prime \prime}$ | 2.40 | 1.44 |
| Seedling | $3-4^{\prime}$ | 4.00 | 2.40 |
| Seedling | $4-5^{\prime}$ | 6.00 | 3.60 |

## Juglans nigra (Black Walnut) <br> Zone 4-9 <br> O.

Native nut tree of eastern United States. Medium size, round-headed tree known chiefly for its edible nuts and prized for its fine wood in furniture construction. Grows in a variety of soils, but best in fertile, well-drained soil, height at maturity 50 to 75 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.30 | .78 |
| Seedling | $12-18 "$ | 1.40 | .84 |
| Seedling | $18-24 "$ | 2.20 | 1.32 |
| Seedling | $24-36^{\prime \prime}$ | 2.40 | 1.44 |
| Seedling | $3-4^{\prime}$ | 4.00 | 2.40 |
| Seedling | $4-5^{\prime}$ | 6.00 | 3.60 |

## Lindera benzoin (Spicebush)

## Zone 4-8 MN

Also known as allspice, grows to 15 ', producing a berry ripening in August and September which is eaten by game birds.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.80 | 1.08 |
| Seedling | $24-36 "$ | 2.20 | 1.32 |

## Liriodendron tulipfera (Tulip Poplar)

## Zone 4-9

Hardy ornamental and forest tree also known as Yellow Poplar. Pyramidal form, with light green glossy leaves and greenish-yellow tulip-shaped flowers. Grows to 80 to 100 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.60 | .96 |
| Seedling | $12-18 "$ | 1.80 | 1.08 |
| Seedling | $18-24 "$ | 2.20 | 1.32 |
| Seedling | $24-36 "$ | 2.50 | 1.50 |

## Nyssa sylvatica (Black Gum)

Zone 3-9
A splendid ornamental tree of pyramidal shape with lustrous green leaves in the summer. Leaves will turn brillant orange and red in the fall to contrast with bright blue small fruit. Will grow in moist to wet soils.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12 "$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.50 | .90 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36 "$ | 2.50 | 1.50 |

## Platanus occidentalis (American Sycamore) Zone 4-9

Large rapid growing shade and forest tree that tolerates heavy wet soils. In winter, characteristic large patches of creamy white inner bark are prominent.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $12-18 "$ | 1.50 | .90 |
| Seedling | $18-24 "$ | 1.80 | 1.08 |
| Seedling | $24-36 "$ | 2.20 | 1.32 |

## Prunus serotina (Black Cherry)

Zone 3-9
Valuable timber tree which can be planted in open or as an underplanting. Does well in a wide variety of soil types. Good species for wildlife food.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.10 | .66 |
| Seedling | $12-18 "$ | 1.30 | .78 |
| Seedling | $18-24 "$ | 1.60 | .96 |

Quercus acutissima (Sawtooth Oak)

## Zone 4-9 M $\mathrm{O}_{\mathrm{B}} \mathrm{NN}^{*}$

A native to eastern Asia and Japan, this oak has small chestnut like leaves. Maturing at about 50 feet, this species is becoming more popular as a landscape and street tree.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |
| Seedling | $3-4 \prime$ | 5.00 | 3.00 |
| Seedling | $4-5^{\prime}$ | 10.00 | 6.00 |

## Quercus allba (White Oak)

Zone 3-9 TN*
Broad, round, dense head, spreading branches and purple-red fall color. Leaves remain on tree for winter interest, bark light gray and flaked,

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |

## Quercus-bicolor (Swamp White Oak)

Zone 3-9 TrNE
An excellent wet land plant which will grow in moist to swampy soils. Exhibits many of the qualities of the Quercus alba.

|  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |

## Ask about trees and shrubs for conservation and watershed - preservation

## Quercus coccinea (Scarlet Oak) <br> Zone 4-9 NN*

Hardy oak with leaves the same size as those of Northern Red Oak with deep rounded sinuses that extend to the midrib. Leaves turn red to scarlet in the fall. Tree grows $50-75$ feet tall with an irregular spreading crown.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |
| Seedling | $3-4 \prime$ | 5.00 | 3.00 |

## Quercus macrocarpa (Bur Oak)

## Zone 2-8 - Tin . MN

Tree known for its corky, winged branches and fringed cap covering the acorn. Large tree in the White Oak group, tolerating a wide range of soil types and air pollutants.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |

## Quercus michauxii (Swamp Chestnut Oak) <br> Zone 4-9

Native oak that grows well in bottom land and along stream banks, and near swamps. Good wetland species, that grows quickly, to heights of 60 to 80 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6^{\prime \prime}$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |
| Seedling | $3-4 \prime$ | 5.00 | 3.00 |

## Quercus muehlenbergii (Chinkapin Oak) <br> Zone 4-9

This is an oak in the White Oak group that grows over a vast range of the eastern United States. Leaves are oblonglanceolate, with coarse bluntly pointed marginal teeth. Will do well in extremely dry sites.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |

Quercus palustris (Pin Oak)
Zone 4-8 N N N
The best known oak for street and ornamental planting. Forms a symmetrical pyramidal head with drooping branches. Beautiful green foliage of leaves 3 " to 5 " wide with five pointed lobes, bright green leaves turning yellow to radiant red in autumn. Prefers somewhat moist soil. A fast-growing tree with light to dark grayish-brown bark. Mature height of 75 to 80 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6^{\prime \prime}$ | .80 | .48 |
| Seedling | $6-12^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36^{\prime \prime}$ | 2.70 | 1.62 |
| Seedling | $3-4^{\prime}$ | 5.00 | 3.00 |
| Seedling | $4-5^{\prime}$ | 10.00 | 6.00 |
| Seedling | $5-8^{\prime}$ | 12.00 | 7.20 |

## Quercus prihus (Chestnut Oak) (Rock Oak)

Zone 3-8
One of Pennsylvania's native oak, growing 50 to 60 feet in height. Also known as rock oak, this oak prefers drier, rocky soils, and is a member of the White Oak group.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6 "$ | .80 | .48 |
| Seedling | $6-12^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |

## Quercus robur (English Oak)

Zone 4-8
A large broad growing tree with dark green foliage throughout the summer. Faster growing than White Oak.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6^{\prime \prime}$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |
| Seedling | $3-4 \prime$ | 5.00 | 3.00 |
| Seedling | $4-5 \prime$ | 10.00 | 6.00 |

Become an active seed collector and enjoy being in the outdoors. Let us know what tree seeds you have collected.

## Quercus rubra (Red Oak)

## Zone 4-8

昷 KN
Select strain, collected from genetically superior specimens in northwest Pennsylvania. Fastgrowing oak, maturing with a broad round head, leaves turning a red to reddish-brown in autumn. Will tolerate a wide range of soil types from acid to alkaline, Mature height 75 to 80 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6^{\prime \prime}$ | .80 | .48 |
| Seedling | $6-12^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36^{\prime \prime}$ | 2.70 | 1.62 |
| Seedling | $3-4 \prime$ | 5.00 | 3.00 |
| Seedling | $4-5 \prime$ | 10.00 | 6.00 |
| Seedling | $5-8^{\prime}$ | 12.00 | 7.20 |

## Quercus shumardiii (Shumard Oak)

Zone 4-8
This is one of the largest growing oaks in Black/Red Oak group, growing to over 100 feet. It will grow well in moist, bottomland soils over most of the eastern and central United States.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6^{\prime \prime}$ | .80 | .48 |
| Seedling | $6-12^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $12-18^{\prime \prime}$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36^{\prime \prime}$ | 2.70 | 1.62 |
| Seedling | $3-4^{\prime}$ | 5.00 | 3.00 |
| Seedling | $4-5^{\prime}$ | 10.00 | 6.00 |
| Seedling | $5-8^{\prime}$ | 12.00 | 7.20 |

## Quercus velutina (Black Oak)

Zone 3-8
Rounded crown oak, growing 50 to 70 feet. Leaves resemble those of Northern Red Oak, and are retained on the tree through the winter. Excellent hardy native species.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $4-6^{\prime \prime}$ | .80 | .48 |
| Seedling | $6-12 "$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.90 | 1.14 |
| Seedling | $24-36 "$ | 2.70 | 1.62 |
| Seedling | $3-4 \prime$ | 5.00 | 3.00 |

## Robinia pseudoacacia (Black Locust) <br> 

One of the best soil conservation trees. Fast grower and will grow almost anywhere. Will build the soil while growing. Erosion control, shade and timber products, makes excellent fire wood. Approximate height 40 to 80 feet.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-18 "$ | 1.00 | .60 |

## Rosa rugosa (Rugosa Rose)

Zone 4-10
in N N N : :
Beautiful as a shrub or planted as a hedge. Flowers are white, red or pink, single or double. Excellent for seaside planting, and hardy for northern planting. Rapid grower and a good conservation plant.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.30 | .78 |
| Seedling | $12-18 "$ | 1.60 | .96 |
| Seedling | $18-24 "$ | 1.80 | 1.08 |
| Seedling | $24-36 "$ | 2.20 | 1.32 |

## Salix nigra (Black Willow)

Zone 2-8 no MA
Native Swamp Willow of the northeast that is desirable for stream bank retention.

|  | Grade Size | $50-299$ | 300 or more |
| :--- | :---: | :---: | :---: |
| Rooted Cuttings | $18-24 "$ | 2.00 | 1.20 |

## Sambucus canadensis (American Elderberry) Zone 3-9

Large, spreading, multi-stemmed shrub with large, flat-topped white flowers in June-July followed by purple-black berries. Can be used for jellies, pies, and wine. Excellent for attracting birds, and will grow in wet areas. Grows in any type of soil and is very hardy.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.20 | .72 |
| Seedling | $12-18 "$ | 1.40 | .84 |
| Seedling | $18-24 "$ | 2.00 | 1.20 |
| Seedling | $24-36^{\prime \prime}$ | 2.50 | 1.50 |
| Seedling | $3-4^{\prime}$ | 3.00 | 1.80 |

## Viburnum dentatum (Arrowwood Viburnum) 

Clusters of white, flat-topped spring flowers producing blue-black berries in late summer. Leaves turn red to orange in fall. Tolerates heavy soil, and good for wildlife.

|  | Grade Size | $50-299$ | 300 or more |
| :---: | :---: | :---: | :---: |
| Seedling | $6-12^{\prime \prime}$ | 1.50 | .90 |
| Seedling | $12-18 "$ | 1.80 | 1.08 |

## Live Unrooted Stakes - cuttings

Live unrooted stakes are used for mitigation of wetlands and embankments that are difficult for bareroot plantings. These stakes are cut new and fresh and available by advance order only. No inventory of this live wood will be available from cold storage.


A few other species are available in limited quantities, Buttonbush, Red Osier Dogwood, and Common Ninebark. Ask if you have a special order of larger sizes.

Shipping and handling will be at the same rates as bareroot ornamental trees and shrub seedlings of similar size.

Keep "Live Unrooted Stake" moist until the planting time. Be sure to observe the direction of buds so that budding will be upright when stakes are installed.

## "Your Choice" Shopping Center

Welcome to "Your Choice Shopping Center" at Pikes Peak Nurseries. The plants are ready for us to lift, grade and ship to your location, in the proper planting season. "The Your Choice Shopping Center" is a mail order "Outlet" of our complete line of Northern hardy and Northern grown plant material, in quantities more convenient to your planting needs.
The descriptions of the varieties, their growth characteristics, and uses can be found on pages 6 through 23 of this catalog. Everything in the "Your Choice Shopping Center" is priced with the shipping charges included. There is no need to add any additional handling charge to your order, except the 6\% Pennsylvania state sales tax for Pennsylvania residents. Use our "Toll Free" order line, fax, or e-mail to let us know what you would like shipped to you.

Quantities are limited to the stock we have in our fields during shipping season. Not all varieties are good for fall planting in your area. We may recommend that you only plant certain varieties in the spring. We encourage you to order early to reserve your plant needs. We accept MasterCard, Visa, American Express, and Discover. For mail orders you may simply include a check along with your order. We invite you to enter and enjoy our "Outlet" for quality nursery stock at great prices.

| Variety | Age | Size | Per 10 | Per 20 |
| :---: | :---: | :---: | :---: | :---: |
| Arborvitae, American | 2-2 | 18-24" | \$60.00 | \$105.00 |
| Arborvitae, American | 2-2 | 12-18" | \$52.00 | \$98.00 |
| Arborvitae, American | 2-2 | 6-12" | \$50.00 | \$96.00 |
| Fir, Balsam, Cooks Blue | 2-2 | 6-12" | \$52.00 | \$98.00 |
| Fir, Balsam, Nova Scotia | 2-2 | 6-12" | \$52.00 | \$98.00 |
| Fir, Canaan | 2-2 | 6-12" | \$52.00 | \$98.00 |
| Fir, Fraser | 2-2 | 6-12" | \$52.00 | \$98.00 |
| Fir, Douglas | 2-2 | 10-18" | \$52.00 | \$98.00 |
| Spruce, Colorado Blue, Pal Select | 2-2 | 10-18" | \$52.00 | \$98.00 |
| Spruce, Norway | 2-2 | 12-18" | \$52.00 | \$98.00 |
| Spruce, Norway | 2-2 | 6-12" | \$50.00 | \$96.00 |
| Spruce, White | 2-2 | 12-18" | \$52.00 | \$98.00 |
| Spruce, White | 2-2 | 6-12" | \$50.00 | \$96.00 |
| Birch, River |  | 18-24" | \$40.00 | \$75.00 |
| Buttonbush |  | 18-24" | \$36.00 | \$70.00 |
| Chestnut, Chinese |  | 18-24" | \$40.00 | \$75.00 |
| Cherry, Black |  | 18-24" | \$38.00 | \$72.00 |
| Chokeberry, Black |  | 18-24" | \$40.00 | \$75.00 |
| Chokeberry, Red |  | 18-24" | \$40.00 | \$75.00 |
| Dogwood, Gray |  | 18-24" | \$38.00 | \$72.00 |
| Dogwood, Kousa |  | 18-24" | \$38.00 | \$72.00 |
| Dogwood, Red Osier |  | 18-24" | \$38.00 | \$72.00 |
| Dogwood, Silky |  | 18-24" | \$38.00 | \$72.00 |
| Dogwood, White Flowering |  | 18-24" | \$38.00 | \$72.00 |
| Elderberry, American |  | 18-24" | \$40.00 | \$75.00 |
| Gum, Black |  | 18-24" | \$40.00 | \$75.00 |
| Hackberry |  | 18-24" | \$40.00 | \$75.00 |

## "Your Choice" Shopping Center

| Variety | Age | Size | Per 10 | Per 20 |
| :---: | :---: | :---: | :---: | :---: |
| Hazelnut, American |  | 18-24" | \$40.00 | \$75.00 |
| Hickory, Shagbark |  | 16-24" | \$40.00 | \$75.00 |
| Hornbeam, American |  | 18-24" | \$40.00 | \$75.00 |
| Locust, Honey |  | 18-24" | \$40.00 | \$75.00 |
| Maple, Amur |  | 18-24" | \$40.00 | \$75.00 |
| Maple, Scarlet |  | 18-24" | \$40.00 | \$75.00 |
| Maple, Sugar |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Black |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Bur |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Chestnut |  | 18-24" | \$40.00 | \$75.00 |
| Oak, English |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Pin |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Red |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Sawtooth |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Scarlet |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Shumard |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Swamp Chestnut |  | 18-24" | \$40.00 | \$75.00 |
| Oak, Swamp White |  | 18-24" | \$40.00 | \$75.00 |
| Paw Paw |  | 12-18" | \$40.00 | \$75.00 |
| Persimmon |  | 18-24" | \$38.00 | \$72.00 |
| Poplar, Tulip |  | 18-24" | \$40.00 | \$75.00 |
| Redbud |  | 18-24" | \$40.00 | \$75.00 |
| Rosa Rugosa |  | 18-24" | \$38.00 | \$72.00 |
| Spicebush |  | 18-24" | \$38.00 | \$72.00 |
| Sycamore |  | 18-24" | \$38.00 | \$72.00 |
| Walnut, Black |  | 18-24" | \$40.00 | \$75.00 |
| Walnut, Heartnut |  | 18-24" | \$40.00 | \$75.00 |
| Walnut, White (Butternut) |  | 18-24" | \$40.00 | \$75.00 |
| Willow, Black |  | 18-24" | \$40.00 | \$75.00 |

## Promotions with Live Trees - Page 1

We have the plants that are useful for your needs.

Plants for any size land area; timber, shade, windbreak, protection, wildlife food plots, erosion control and landscape ornamentals.

## Northern Collected Seed

For many years, Pikes Peak Nurseries has been collecting several of the native and non-native trees and shrubs that we actively propagate from our own area. Our area of Western Pennsylvania has a bounty of species which show superior characteristics when compared to other regions. Our hardiness zone and elevation are contributing factors to the desirability of seed from our region.
Many of the species offer challenges of collection and cleaning. We hope to offer many other species in the future as conditions will allow. Please inquire about any species you believe is native to our area, and we will make every effort to collect, clean, and prepare the seed for you.
Quantities are limited and will only come from the current year collection. We have NO seed held over from previous years of collection. If you have any questions, or would like pricing on larger quantities, please let us know. Large quantity orders would be appreciated prior to the crop harvest to be assured that we collect enough for your needs.

## FALL 2023 - SPRING 2024

| Botanical Name | Common Name | Price Per Pound | Avg. Seed Per Pound |
| :---: | :---: | :---: | :---: |
| Acer saccharum | Sugar Maple (winged) | 50.00 | 3,200 |
| Alnus rugosa | Speckled Alder | 80.00 | 300,000 |
| Carya ovata | Shagbark Hickory | 10.00 | 100 |
| Castanea mollisima | Chinese Chestnut | 10.00 | 100 |
| Cornus amomum | Silky Dogwood (clean) | 35.00 | 12,200 |
| Cornus florida | White Dogwood (clean) | 40.00 | 4,500 |
| Corylus americana | American Hazelnut | 30.00 | 490 |
| Hamamelis virginiana | Witchhazel | 80.00 | 10,000 |
| Juglans cinerea | Butternut | 5.00 | 30 |
| Juglans nigra | Black Walnut | 4.00 | 40 |
| Nyssa sylvatica | Black Gum | 50.00 | 3,300 |
| Pinus strobus (PA) | White Pine | 200.00 | 26,500 |
| Prunus serotina | Black Cherry (clean) | 50.00 | 4,200 |
| Quercus alba | White Oak | 5.00 | 120 |
| Quercus coccinea | Scarlet Oak | 6.00 | 230 |
| Quercus palustris | Pin Oak | 5.00 | 420 |
| Quercus prinus | Chestnut Oak | 5.00 | 80 |
| Quercus rubra | Red Oak | 5.00 | 125 |
| Quercus velutina | Black Oak | 5.00 | 200 |
| Sambucus canadensis | American Elderberry (clean) | 110.00 | 232,000 |
| Tsuga canadensis | Eastern Hemlock | 200.00 | 187,000 |

> All prices are F.O.B.
> Pikes Peak Nurseries. Availability is subject to crop, no seed available in storage.
> Please inquire about other species, if available, we will try to make a collection.

## Special Tree Planting Tool for Hand Planting "Best Tool For All Who Plant Trees"

This is a sturdy, heavy-duty planting tool that will be an heirloom for all those who are interested in planting trees. There is an offset on the handle that allows the top of the blade to be used as a step. The step is projected to provide sufficient room for the feet.

A high carbon steel blade is forge welded to a shaft of heavy steel tubing. The blade is hammered to shape and ground to a point that has been heat treated for hard usage.

## Products





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"Tree Pro" and "Miracle Tube"
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The "Tree Pro" and the "Miracle Tube" tree protectors are mechanical protective products that will increase the survivability of planted nursery stock. Both are easy to install, and provide protection against plant predators, and also aid in stimulating plant growth.

The "Tree Pro" is a seamed product which is formed around the plant, and secured with plastic ties. The "Tree Pro" is excellent for installation around existing trees or liner trees that are well branched. The "Miracle Tube" is advised to be used around new plantings of lightly branched tree liners.

The "Tree Pro" and the "Miracle Tube" 48" and larger come with bird nets, and locking ties. All protectors come vented and a standard diameter of 3.5 " for the "Miracle Tube" and 4.25" for the "Tree Pro".

- Use 12" "Tree Pro" Around conifer liners and small shrubs
- Use 12"-24" "Tree Pro" Around larger shrubs and smaller trees
- Use 24"-48" "Tree Pro" Around shade trees and fruit trees
- Use 60" and 70" "Miracle Tubes" in areas with greatest deer pressure.

| "Tree Pro" and "Miracle Tube" | $1-100$ | $101-299$ | $300+$ | Stakes (Oak) |
| :---: | :---: | :---: | :---: | :---: |
| $12 "$ | 2.00 | 1.75 | 1.50 |  |
| $24 "$ | 2.70 | 2.50 | 2.20 |  |
| $30 "$ | 3.00 | 2.75 | 2.50 |  |
| $36 "$ | 3.50 | 3.20 | 3.00 |  |
| $48 "$ | 3.75 | 3.65 | 3.50 | 2.25 |
| $60 "$ | 4.00 | 3.80 | 3.75 | 2.50 |
| $72 "$ | 4.50 | 4.25 | 4.00 | 3.00 |

"Weed Pro" weed mats with staples
24x24 1.50/ea
36x36 2.00/ea

# Planting Products to "Start You Growing" 

Everyone who puts the effort into planting good quality nursery stock, wants their efforts to lead to success. As producers and users of nursery stock, we also want our customers to have success with all the trees purchased from Pikes Peak Nurseries. Poor soils, weed competition, drought, and animal damage are a few of the obstacles that newly planted nursery stock has to overcome. The time and expense you have made with site preparation and planting needs to be rewarded.
Here are a few products, some old, some new, that will help "Start You Growing" in a more profitable way.

## "Pikes Peak Root Gel"

"Pikes Peak Root Gel" is a starch polymer absorbent that holds extra water in the soil to reduce transplanting loss due to water stress. Dip the plant/tree immediately before planting, and it will remain on the roots and remain active in the soil.
"Pikes Peak Root Gel" comes as a dry absorbent, add water as directed, and it is ready to use.

| Quantity | Price |
| :---: | :---: |
| 1 oz. packet | $1.25 / \mathrm{ea}$ |
| 3 lb. bag | $45.00 / \mathrm{ea}$ |
| 9 lb. bucket | $95.00 / \mathrm{ea}$ |

## "Peak Paks"

"Peak Paks" are 10 gram biodegradable packets containing polymer coating fertilizer and essential minor elements. Also contained within the "Peak Pak" is a humic acid as a source of phosphatase, vitamin B1 (to initiate the colonization of mycorrhizae), and NAA (naphthalene acetic acid) to promote rooting.
The biodegradable tea bags increase the availability of the contents to the plant root systems at the most opportune time. Hard pellet fertilizers sometimes are not soluable enough when there are low moisture conditions.

- "PEAK PAK I" - for conifers. (10 gram) 16-6-8 polymer coated fertilizer, minor elements (sulfur, iron, maganese, and zinc), humic acid, NAA, and enzymes. 1 Peak Pak I per 12" of Plant height.
- "PEAK PAK II" - for hardwoods. (10 gram) Improved 20-11-9 plus calcium, magnesium, and boron, humic acid, copper, NAA, and enzymes. 1 Peak Pak II per 12" of Plant height.

| $\frac{\text { Quantity }}{1-25}$ | Price Each Pak |
| :---: | :---: |
| $26-100$ | $.45 / \mathrm{ea}$ |
| $101-1,000$ | $.42 / \mathrm{ea}$ |
| $1,001+$ | $.40 / \mathrm{ea}$ |
|  | $.35 / \mathrm{ea}$ |

## Protect From Animal Damage

For plantings subject to animal damage - 18-9-9+9(S) also containing $9.55 \%$ sulfur, 1.20\% magnesium, . $15 \%$ boron, 0.02 copper.

1 PEAK PAK CONTINUEM per 12 " of plant height.
Quantity
$1-25$
$26-100$
$101-1,000$
$1,001+$

Price Each Pak
.50/ea
.45/ea
.42/ea
.40/ea

## Care and Planting

## PROPER CARE OF NURSERY STOCK

Pikes Peak Nurseries has put valuable time and effort into the bareroot product you are receiving. We want our quality to continue in your land. Please accept the following suggestions to help assure your success and satisfaction.
A. Know the contents of your order; be sure to have storage and supplies prior to arrival to handle the stock properly.
B. Since dehydration is one of the biggest factors influencing successful handling of bareroot material, it is important that you do not allow the roots to dry out at any time. Keep the nursery stock out of wind, sun and freezing temperatures.

1. Store in cold storage if available, at $34-38$ degrees $F$. and maintain relative humidity at $90 \%$ or higher.
2. If cold storage is not available, wet down and store plant material in a cool, moist protected area. Pack roots with moist straw, shredded paper or bark material.
Roots may also be dipped in "Pikes Peak Root Gel" (pg. 30) to insure against any dehydration prior to planting.
3. For a longer holding period, plants should be trenched or heeled into the soil. Open tied bundles and spread roots out into a trench. Make sure roots are covered and watered well. Eliminate air pockets in medium around roots.
C. Do not allow roots to dehydrate during planting or potting process. We recommend that the roots be dipped into "Pikes Peak Root Gel" (pg. 30) to insure the roots do not dry out .

## PLANTING PREPARATION

Evergreen and deciduous seedlings produced at our nursery are adaptable to a broad band of the northern temperate zone. Seedlings or transplants are easily planted on about any site where enough soil can be compacted firmly around the roots of the liner. The main function for proper site preparation is to alleviate difficult maintenance of the trees and make planting much easier.

It is recommended that the planting area be prepared at least one season before planting. This will allow for proper grading, tillage, and establishing of a cover crop. The purpose for the cover crop is to inhibit erosion and retain moisture, control unwanted weed seedlings, and make it easier for planting. We recommend that during the tillage, enough lime be added to achieve a pH of 6.0 to 6.5. The Extension Office in your area can help you with this.

Trees can be planted in existing soil, amended for pH and other nutrients. Existing grass will be in competition with your new planting and must be controlled by mowing or herbicide. For the use of any chemical control, consult your Extension Office or chemical distributor to ensure proper application.

## WHEN TO PLANT

For most northern plantings, on average clay based soils, best planting results are obtained from spring planting, March 1st to May 31st. The best fall planting season is from September 1st to October 31st in areas of sand to sandy loam soils of good drainage. Be sure that the soil is tightly packed about the roots. For heavy soils, successive freezes and thaws will cause heaving and expose the tree roots to the air causing the tree to die, so mulching of newly planted seedlings in the fall is necessary Each year weather can be so different, so be careful for the time of good spring planting.

## Care and Planting

## PLANTING SEEDLINGS AND TRANSPLANTS

Our Heirloom Special Tree Planting Tool (pg. 28) is the best for digging holes in all soil types. Be sure to make a hole large enough to spread out the roots. For larger transplants and heavy ornamental trees, a shovel or a large auger may make the spreading of roots more possible.

Using the Special Tree Planting Tool (pg. 28), makes the planting of seedlings by "slit planting" a simple four step process.

Step 1 Sink bar into soil, exerting needed pressure with the foot.
Step 2 Pull Bar backward and push forward to open slit.
Step 3 Place tree in slit slightly deeper than it was grown in the nursery.
Spread roots well in the slot.
Step 4 Remove bar and pack soil well with foot around plant so that all air spaces are filled.


## WHERE TO PLANT THAT TREE

Refer to the Plant Reference Index (pg. 3, 4) and the individual descriptions of the species in the catalog to determine what is a good plant for your site.

## PLANTING AND CARE AFTER PLANTING FOR CHRISTIMAS TREES

Use "Pikes Peak Root Gel" (pg. 30) to insure that dehydration of roots does not occur during the planting process. "Peak Paks" (pg. 30) can be added to the planting hole to safely provide nutrients after planting. We do not recommend that granular fertilizer be placed in the planting hole in contact with the roots.

Be sure that your seedlings or transplants have been planted to a proper depth to insure the roots are entirely covered and that the tree stands erect and firmly in the ground. A plant which is loose in the soil will not take root, and will suffer dehydration.

As you "side dress" fertilize your trees after the first year of growth, be careful that none of the fertilizer touches the stem or foliage. Fertilize in late winter or early spring so the nutrients will be in the proper area and concentration during the plants growth spurt.
Pruning and shearing are usually started after the second year for most evergreens. For evergreens, the leader must be trimmed back to eight to ten inches to insure that the limb spacing is not too extreme to inhibit the tree from filling in. Maintain the tree in a pyramidal shape, being sure that the entire tree is sheared completely to the ground. Start shearing about mid June, when the growth is soft, allowing for good after shearing bud formation. Trim weeds and invasive woody growth to limit competition for water, nutrients, and sunlight. Clean cultivation is the best to maximize plant growth.

## SPACING FOR CHRISTMAS TREES

Most spacing depends on the equipment that will be used to maintain the field. Six foot spacing for Spruce, Fir, and Pine are the most common in production areas. This will allow for machines with 30 " to 40 " mowing units when the field is at maturity. At six foot spacing, 1,200 trees are required for one acre. Adjust spacing if larger maintenance equipment is used.

## SPACING FOR ORNAMENTAL TREES AND FOREST RENEWAL

Forest species become more problematic each year with the destruction caused by large mammals, and competition by invasive species. Areas that have been mined for minerals, or timbered, or disturbed by oil and gas production are in need of reclamation and mitigation.

County Conservation District Offices can be a source of information on what to plant and how to space the plants. Disturbed sites will vary on what plant products are suitable for the mitigation of wetlands and stream banks to what plants will thrive on well drained areas for animal habitat and timber production. The variation of suitable species will determine the spacing.

Typical timber spacing is $25^{\prime}$ to $30^{\prime}$, to help promote tree vigor and quality. The mixing of species is advised for tree competition and disease control. Pikes Peak Root Gel (pg. 30) and the Peak Pak's (pg. 30) are recommended on the sites that may be planted and abandoned. Tree Pro's (pg. 29) and Miracle Tubes (pg. 29) will also be necessary to reduce the damage by browsing mammals.

The plant descriptions of the species that Pikes Peak produces are extensive to help our customers make the proper selections. The expansion of native plants in production allow the planting customers to select non-invasive plants for all sites.

## CARE AFTER PLANTING FOR ORNAMENTAL TREES

After your trees are planted, you should inspect them several times a year to see how they are growing. There will be some loss in your plantings, that can be replaced in the fall or spring. Keep invasive plants, weeds, and grasses clear from your plantings to reduce competition for moisture, nutrients, and sunlight.

## Explanation of Catalog Tree Age

Throughout this catalog, the ages of seedlings and transplants are stated by years followed by figures in parenthesis.

- 2 yr . seedling (2-0) this means the seedling has grown in it original seed bed for 2 years.
- 3 yr . Transplants (2-1) This means the seedling has grown in its original bed for 2 years, then transplanted and grown in a new transplant bed for 1 year.
- 4 yr. Transplants (2-2) - This means the seedling has grown in it original bed for 2 years then transplanted and grown for 2 years in a new transplant bed.
The purpose of transplanting is to develop a better root system so the plant will withstand the shock of transplanting at your site



# Terms \& Conditions of Sale Fall 2023 - Spring 2024 

## Ordering

Phone orders are taken 8:00 a.m. to 5:00 p.m. EST/EDT, Monday through Saturday during March through October. Monday through Friday other months. If you wish to leave a message when the office is closed, please include the number and the time you are available for a return call. For phone orders use our Toll-Free Order Line, (800) 787-6730, or you may order by fax, (724) 463-0775, open 24 hours. You may also order through our website www.pikespeaknurseries.net

## - Special Discounts -

Discounts are based on quantities in one size and variety.

$$
\begin{array}{r}
5,000-9,975=5 \% \text { Discount } \\
10,000-24,975=10 \% \text { Discount } \\
25,000 \text { or more }=15 \% \text { Discount }
\end{array}
$$

## Prices

This list cancels all previous prices and is subject to change without notice. Prices are FOB Pikes Peak Nurseries, Penn Run, Pennsylvania, unless otherwise stated.

## Order Acknowledgement \& Deposits

Full payment must accompany orders of $\$ 100.00$ or less. Orders greater than $\$ 100.00$ require a $25 \%$ deposit at the time the order is placed. "YOUR STOCK IS NOT RESERVED AND YOUR ORDER IS CONSIDERED VOID UNTIL WE RECEIVE YOUR DEPOSIT." Balance must be paid in "full" ten days before shipping date via carrier. Pick up orders require a $25 \%$ deposit with order, balance due at the time of pick-up. "Deposit" is non-refundable. Returned checks will incur a $\$ 20.00$ charge. All stock is shipped FedEx or UPS. We do not ship C.O.D. orders. Orders less than 50 of one kind and size are priced according to the "Your Choice Shopping Center." Rate is determined by species, size, and variety, not total quantity.
Your order will be acknowledged with a sales order and invoice number. No further notice will be sent regarding payment or shipment, when calling or corresponding regarding your order, please have your account number and Invoice number available.

## Credit Cards

We accept MasterCard, Visa, American Express, and Discover. Be sure to include card number, expiration date and V number on order blank, or have this information ready when ordering by phone.

- Entire order amount must be charged on orders totaling $\$ 100.00$ or less.
- Entire order amount must be charged on orders scheduled to ship within four weeks.
- Deposit only can be made with balance by cash, check or money order.
- Deposit only can be made with the balance charged prior to shipment.


## Check or Money Order

To avoid delay, please include full payment with the order. We do not ship C.O.D.

## Sales Tax

Residents of Pennsylvania are subject to a 6\% sales tax on stock purchased from our nursery, except on stock which is purchased for resale in its original form, or for horticultural production. It is absolutely necessary for the "Sales Tax Exemption" on page 44 be completed before stock can be shipped or picked up.
Out-of-state purchases taking delivery at our nursery are also subject to 6\% sales tax, but have the same benefit of exemption as Pennsylvania residents. Out-of-state purchasers ordering stock for shipment by common carrier are not subject to this sales tax.

## Warranty - Claims

Unpack shipments upon arrival! If in transportation or handling by a carrier, our nursery stock should become damaged prior to delivery to our customer, the facts should be reported to Pikes Peak Nurseries in writing, or via telephone immediately. A claim will then be filed with the carrier. If the claim is valid, Pikes Peak Nurseries will replace the damaged nursery stock. No claims will be honored for nursery stock picked up one (1) or more days later than the agreed pick up date specified by the customer. It is mutually agreed between the purchaser and Pikes Peak Nurseries that we shall not at anytime be liable for any amount greater than the original price of the nursery stock.
We do everything possible to ship good live plants to you. The plants

## Order Cancellations

Please be as accurate as possible when ordering your stock so that cancellations will be unnecessary. Deadline for cancellation will be: Spring, March; Fall, two weeks prior to your shipment date at no charge. Orders cancelled or reduced after those dates may be subject to a $10 \%$ charge of the original order amount. Please make all cancellations directly to Pikes Peak Nurseries. Because of limited inventory, all reductions made promptly will make stock available to other customers. We reserve the right to cancel orders if necessitated by conditions or acts of God beyond our control.

## Split Shipments

We reserve the right to split ship your order if weather conditions prevent us from digging your full order. If you cannot accept split shipment, shipment of your entire order will be delayed. It is not uncommon for boxes to be separated during shipment, therefore, we ask that you wait a day before reporting missing shipments.

## Shipping Season

Spring shipping season begins about mid March, or when the frost has left the ground. Fall shipping season begins near September 15 for conifers and continues until winter freeze. Deciduous stock cannot be dug until after the first hard freeze. Due to varied weather conditions, we cannot guarantee to ship on the exact date you request. Our stock is fresh dug and we make every effort to ship on or close as possible to the requested date.
All shipments are made on a first come, first serve basis (stock permitting) and requires pre-payment in full. All stock is affected subject to crop loss, availability of transportation facilities, strike, government regulations and any other condition beyond our control.
Due to the high volume of orders, and information demands on our office and sales staff, we cannot call in advance of orders being shipped. Orders without a specified shipping date will be shipped when assembled. All other orders will be shipped as close as possible to the requested date.

# Individual State Quarantine Restrictions 

PINES Prohibited:<br>CA, HI, ID, MT, NV, OR, UT, British Columbia

WALNUT Prohibited:
AR, CA, AZ, NM, TX, MI, MN, MO, NC, NE, IN, KS, VA
PERSIMMON Prohibited:
CA
SHAGBARK HICKORY Prohibited: CA, AZ, NM

ASH Prohibited: All states except for Pennsylvania

OAK Prohibited: CA, FL, OR

CHERRY Prohibited: CO, CA, ID, WA, OR

AUTUMN OLIVE Prohibited: CT, NH, WI

HEMLOCK Prohibited: ME, MI, NH, OH, VT, WI

CHESTNUT Prohibited: CA, FL, MI, OR, WA

DOGWOOD Prohibited:
FL

## Shipping \& Approximate Cost

All stock is priced FOB, Penn Run, PA and is shipped bare-root. The buyer MUST PAY FOR THE SHIPPING CHARGES AND ANY EXTRA SHIPPING. We recommend that orders be picked up at the nsy.
For orders shipped, we use UPS, FedEx, and independent carriers. When possible, spring only, orders of sufficient volume can be shipped via independent carriers.
Since nursery stock is extremely perishable, shipping time and transfers have to be kept to a minimum. Charges will be made by the carrier and paid to the carriers by the customers. These orders are considered pickup at the nursery.
We recommend that orders to the unshaded areas be shipped via UPS 3 Day Select, FedEx does not offer a similar service. This will help insure delivery in the proper time.

## For Pick-Up at Pikes Peak Nurseries:

No Shipping or Handling Charges.
For UPS Ground and Fed Ex Ground (shaded areas on map - CT, DE, IA, IL, IN, KY, MA, MD, ME, MI, MN, MO, NC, NH, NJ, NY, OH, PA, RI, TN, VA, VT, WI, WV):

- Add $20 \%$ of the total amount of your order for conifer seedlings and ornamental trees and shrub seedlings 18-24" or less. ( $\$ 30.00$ minimum)
- Add $30 \%$ of the total amount of your order for conifer transplants and ornamental trees and shrub seedlings 24 " or more. ( $\$ 40.00$ minimum)
Note: A large area around our shipping point has one day delivery, please inquire with your zipcode.

For UPS and Fed Ex Ground (unshaded area on map - AK, AL, AR, AZ, CA, CO, FL, GA, ID, KS, LA, MS, MT, ND, NE, NM, NV, OK, OR, SC, SD, TX, UT, WA, WY)

- Add $30 \%$ to the total amount of your order for conifer seedlings and ornamental tree and shrub seedlings 18-24" or less. ( $\$ 30.00$ minimum)
- Add $40 \%$ to the total amount of your order for conifer transplants and ornamental tree and shrub seedlings 24 " or more. (\$40.00 minimum)
- Alaska shipments add 50\%.

For UPS - 3 Day Select (unshaded areas on map - AK, AL, AR, AZ, CA, CO, FL, GA, ID, KS, LA, MS, MT, ND, NE, NM, NV, OK, OR, SC, SD, TX, UT, WA, WY)

- Add $50 \%$ to the total amount of your order for conifer seedlings and ornamental tree and shrub seedlings 18-24" or less.
( $\$ 40.00$ minimum)
- Add $60 \%$ to the total amount of your order for conifer transplants and ornamental tree and shrub seedlings 24 " or more.
( $\$ 50.00$ minimum)
- Alaska shipments add 65\%.
-     * In the event actual shipping cost exceed the shipping estimate, you will be billed and are responsible for paying the difference. Items marked Peak Heavy in this catalog, or on the website, will exceed the shipping costs in most cases. We suggest that these items be picked up at the nursery. If you paid by credit card, the extra shipping charges will be billed to the same card.


NAME $\qquad$
COMPANY NAME $\qquad$

## ADDRESS

CITY $\qquad$ STATE ZIP $\qquad$
PHONE ( $\qquad$ )

SHIPPING ADDRESS
(IF DIFFERENT FROM ABOVE)
CITY
STATE $\qquad$ ZIP
$\square$ Will you accept a split shipment?May we substitute a similar variety of equal or greater value if we are sold out?

| Please $\boldsymbol{V}$ customer categories: | Shipping Instructions |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| $\square$ Nursery Grower | $\square$ Landscaper |  | Approximate Shipping Date: |  |
| $\square$ |  |  |  |  |
| $\square$ xmas Tree Grower | $\square$ Landowner |  | Month | Day |
| $\square$ Retail Garden Center | $\square$ Conservationalist | $\square$ UPS Prepaid | Year |  |
| $\square$ Government \& Univ. |  | $\square$ Parcel Post Prepaid |  |  |
| $\square$ other | $\square$ Pick Up |  |  |  |


| Quantity | Nursery Stock | Age | Size | Unit Price | Total Amount |
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| Total |  |  |  |  |  |
| To complete see page 37-38 Shipping \& Handling |  |  |  |  | + |
| Credit Card Charge: 7 Visa Discover <br> Exp. Date: Month $\qquad$ Year |  |  | Order Total 6\% PA Sales Tax (PA order only) |  | + |
|  |  | (100\% Payment on order of \$100 or less) |  |  | - |
| 3 Digit Security Code |  | Balance Due (7 days prior to shipment/pick up) |  |  | - |

## All prices are F.O.B. Pikes Peak Nurseries.

Please inquire about larger quantities and discounts.

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## To: Pikes Peak Nurseries, 8289 Route 422 Highway East, Penn Run, PA 15765

I CERTIFY that, unless I advise you to the contrary in writing, all property purchased hereunder is exempt because: (check one)
$\square$ 1. "Property will be resold or rented in ordinary course of purchaser's business conducted under Pennsylvania Sales Tax License Number."
$\qquad$
$\square$ 2. "Property will be directly used by purchaser in his Farming Operations which are performed as a business."
$\square$ 3. Property will be used in organizational or institutional activities by purchaser which is a: (Cross out all but correct designation) Religious Organization, Volunteer Firemen's Organization, Nonprofit Educational Institution, Charitable Organization holding Charitable Exemption Number.
The provisions of the Certificate are a part of every transaction between the parties herein. I am authorized to execute this certificate and claim the exemption. Misuse of this certificate by seller, lessor, buyer, lessee, or their representatives is punishable by fine and imprisonment.

Purchaser's Name

Address

## Always Growing, Always Outstanding

## While We Are in the Neighborhood, Why Not Have a Visit? MANTS 2024

Baltimore Convention Center January 10 - 12, 2024

## Has Your Address Changed?

Like many businesses and residences, we have undergone an address change without moving. If you have undergone a change, please let us know, we would like to stay in touch.
Call - (800) 787-6730

If you have received this catalog, and are not currently on our mailing list or have received more than one catalog, please let us know. We do not loan or sell our mailing lists to anyone, your address is safe with us.
Call - (800) 787-6730

PENNSYLVANIA PIONEER COMMERCIAL EVERGREEN NURSERY ESTABLISHED 1921

## Wholesale Field Grown \& Container Stock

## The "Tree Shopping Center"

Open Monday through Saturday in season
8:00 a.m. to 5:00 p.m.
Price list for these stock items are available at the "Tree Center" or you may request to have one mailed.

| Presorted Standard |
| :---: |
| U.S. Postage |
| Paid |
| Indiana, PA |
| Permit No. 53 |

Pikes Peak Nurseries


## J/e heve the planis thet <br> 

## Plants for Whalffemfor Wetiandsin <br> for Christmas Trecs <br> wor Reolamation for Parklandsm <br> for Landsorpes

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oanpick them up at our nursery.

