

A/S = Age/Size

G = Growing Conditions

C = Characteristics

# DESCRIPTION OF TREE SALE ITEMS



## COLORADO BLUE SPRUCE

(*Picea pungens glauca*)

**A/S** 3-0 yrs., 8-12"

- G** Full sun or partial shade, prefers moist soils but very adaptive to any soil type.
- C** Stiff silvery-blue 1" needles, densely foliated. 30'-60' tall & 10'-20' spread. Slow growth rate.



## CONCOLOR FIR

(*Abies concolor*)

**A/S** 3-0 yrs., 10-14"

- G** Full sun & easily transplanted. Prefers a deep, well-drained soil with adequate moisture.
- C** Needles silvery blue-green, 2-3 inches long. Pyramidal shape, holding a dense, formal shape with age. 50'-75' tall & 20'-30' wide. Slow to medium growth rate.



## FRASER FIR

(*Abies fraseri*)

**A/S** 4-0 yrs., 10-14"

- G** Best growth if planted on a north or east hillside, well-drained soil.
- C** Great Christmas tree with soft needles which are shiny with silvery underside. Slower growing.



## HONEYLOCUST THORNLESS

(*Gleditsia triacanthos*)

**A/S** 1-0,2-0 yrs., 12-18"

- G** Moist, well-drained soil. Full sun (6 hrs direct light daily). Tolerant of poor soils.
- C** Fast growing tree with fragrant spring flowers. Honey locust is used extensively by wildlife. The bean pods are a favorite food of the white-tailed deer, squirrels, rabbits, hogs, opossums, and raccoons.



## RED OAK

(*Quercus rubra*)

**A/S** 1-0 yr., 12-18"

- G** Full sun & withstands urban conditions best. Well-drained, acidic, sandy loam soils are best.
- C** Long-lived, fast growing tree. Up to 75' tall. Red leaves in fall. Timber and wildlife value.



## RIVER BIRCH

(*Betula nigra*)

**A/S** 1-0 yr., 12-18"

- G** Tolerates heavy, poorly drained areas but widely adapted to varying soils. Full sun.
- C** Reddish brown exfoliating bark provides ornamental value. Often grows along streams. 50'-70' tall with medium to fast growth rate.



## SWAMP WHITE OAK

(*Quercus bicolor*)

**A/S** 1-0,2-0 yrs., 12-18"

- G** Tolerant of poorly drained sites and frequently found in mucky soils. Prefers full to partial sun.
- C** A rapidly growing tree that flowers in spring. Turning golden in the fall. Has a rounded open form. Can grow to 50'-60' tall and spread just as much.



## SYCAMORE

(*Platanus occidentalis*)

**A/S** 1-0 yr., 12-18"

- G** Full sun preferred. Moist, deep, rich, well-drained soils. Can tolerate moderate salt & drought conditions.
- C** Massive white branches, mosaic of colored bark. 75'-90' tall & 60'-70' wide. Leaves turn yellow-brown in autumn.



## TULIP POPLAR

(*Liriodendron tulipifera*)

**A/S** 1-0,1-1 yrs., 12-18"

- G** Prefers a deep, moist, fertile soil. Full sun and slightly acidic soils are best.
- C** Showy flowers resembling tulips. Wildlife and timber value. Fast growing. 70'-90' tall.



## BUTTONBUSH

(*Cephalanthus occidentalis*)

**A/S** 1-0 yr., 12-18"

- G** Full sun to light shade. Easily grown as long as the site is not dry.
- C** Shape is rounded & spreading. 3'-6' tall. Flowers globular heads, creamy white, about 1" across. Bloom June-August.

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# DESCRIPTION OF TREE SALE ITEMS



## CORALBERRY (BUCK BRUSH)

(*Symphoricarpos orbiculatus*)

**A/S** 1-0 yr., 12-18"

- G** Grows well in both dry, rocky soil and moist, rich soil. Tolerates both sun and shade.
- C** Mature Height: 2-5 ft Hardy and fast growing. Fruit will hold well into winter. It produces small but pretty flowers. Bloom is mid-summer. Colors are pink, white and near white.



## SPICEBUSH

(*Lindera benzoin*)

**A/S** 1-0 yr., 12-18"

- G** Fast-growing shrub, useful in moist, shady places. More sun yields better form and more berries.
- C** Single or few-stemmed shrub, 6'-12' tall, with glossy leaves and slender light green branches. Dense clusters of pale yellow flowers.



## ELDERBERRY (BLACK)

(*Sambucus canadensis*)

**A/S** 2-0,3-0 yrs., 2-3'

- G** Prefers moist soils and full sun.
- C** A fast grower it can reach heights of 12' tall. Produces attractive white flowers and black/purple berries all season long. Berries are great for wildlife, jams and jellies.



## ARROWWOOD

(*Viburnum dentatum*)

**A/S** 3"x3"x9" Pot

- G** Full sun plants thrive in most well-drained soils and will grow in a wide variety of soils.
- C** Grow from six to as much as 10 to 15 feet tall and wide. Large, coarsely toothed leaves are usually glossy with flat-topped, four-inch-wide clusters of tiny white flowers that appear from late spring to early summer. The flowers are followed by blue-black fruit. In fall, the leaves turn yellow, red, or purple-red.



## NINEBARK

(*Physocarpus opulifolius*)

**A/S** 1-0 yr., 12-18"

- G** Grows best in acidic, well-drained soil in full sun to partial shade, but is adaptable to many soil conditions.
- C** Gets 6'-10' tall and wide. A white, cup-shaped flower head is attractive to birds, bees and butterflies. Golden yellow leaves in the fall.



## BLACK CHERRY

(*Prunus serotina*)

**A/S** 3"x3"x9" Pot

- G** Full to partial sun. Avoid poorly drained soil.
- C** Fast growing & valuable timber tree with multiple wildlife benefits. 50'-80' tall & 20'-50' spread.



## REDBUD

(*Cercis canadensis*)

**A/S** 2-0,3-0 yrs., 2-3'

- G** Full sun to light shade. Likes moist, well-drained soils. Avoid permanently wet soils
- C** Shape is rounded to broad & flat-topped. 20'-30' tall & 25'-35' wide. Lavender colored buds in early spring.



## RED MAPLE

(*Acer rubrum*)

**A/S** 3"x3"x9" Pot

- G** Full sun best but can tolerate partial shade. Prefers moist acidic soils. Tolerates occasional flooding & wet soils.
- C** Spread with age to become more oval shape. 40'-70' tall. Brilliant deep scarlet foliage in autumn. Relatively fast growing.



## SILKY DOGWOOD

(*Cornus anomum*)

**A/S** 1-0 yr., 12-18"

- G** Performs best in moist soils, somewhat poorly drained. Full sun to partial shade.
- C** Shrub 6'-10' tall. Brown to maroon bark, yellowish-white flowers in late Spring. Bluish fruit in Fall. Fast growth rate.



## WINTERBERRY

(*Ilex verticillata*)

**A/S** 3"x3"x9" Pot

- G** Full sun to partial shade; more sun means more fruit on females. Prefers moist, acidic soils.
- C** Oval to rounded form with dense branches. 6'-10' tall. Small yellowish-white flowers in Spring. Females will develop orange fruit through winter months. (3 years old)

A/S = Age/Size

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# DESCRIPTION OF TREE SALE ITEMS



## ACHILLEA

“Strawberry Seduction”

**A/S** 1 qt pot

**G** Full sun, sandy or clay soil, dry moisture

**C** Grows up to 18"-27" tall with similar spread has clusters of rich **strawberry-red flowers**, each with a tiny yellow eye. Blooms for weeks from early to late summer.



## ASTER

“Star of Wartburg”

**A/S** 1 qt pot

**G** Full sun, sandy or clay soil, like well-drained soil

**C** Grows up to 18"-27" tall with similar spread, Profusion of **lavender-blue flowers that mature to white**, and attractive lance-like green leaves. Bloom from mid-spring to early summer. Their daisy-type, 1-inch-diameter flowers have purple-blue petals and yellow center.



## CAMPANULA

“Canterbury Bells”

**A/S** 1 qt pot

**G** Full sun or partial shade, sandy or clay soil

**C** Medium growth rate, 8" to 36" high with spread of 4"-16". Flowers of **Blue, Lavender, Pink, Purple and White** begin blooming in July and keep on flowering until frost.



## GLORIOSA DAISY

“Cherry Brandy”

**A/S** 1 qt pot

**G** Grows best in full sunlight and average soil moisture conditions.

**C** Beautiful **gold daisy flowers with dark brown eyes** at the end of the stems. Blooms from mid-summer to early fall, 30" tall and spread 23".



## LAMIUM

“Beacon Silver”

**A/S** 1 qt pot

**G** Grows best in well-drained soil an established plant requires little water, Occasional watering during dry weather.

**C** Grows up to 8 feet, it has stunning feathery flowers with a **distinct pink hue**. The tightly-clumped bloom appears around mid-summer, and stays till autumn.



## LAVENDER

“Phenomenal”

**A/S** 1 qt pot

**G** Partial shade or full shade. Normal, sandy or clay soil.

**C** Tough yet showy perennial groundcover. This selection forms a spreading patch of small silver leaves with a narrow green edge. Clusters of **bright-pink flowers** appear in spring, then continue off and on until fall.



## MONARDA

“Bee Balm”

**A/S** 1 qt pot

**G** Full Sun, heat loving, drought tolerant.

**C** Grow to 20 to 24 inches tall and wide. Highly fragrant with essential oils, Fragrant **blue blooms and silvery foliage** appear earlier than other varieties—late spring to early summer.



## GRASS

“Pampas Pink”

**A/S** 1 qt pot

**G** Prefer full sun & moist yet well-drained soils

**C** 1'-3' tall plants with **pink/lavender colored flowers**. Blooms all summer. Planted along beds or borders to attract hummingbirds & pollinating insects.



## MYRTLE

**A/S** 50 Plants/ flat

**G** Partial sun to full shade. Performs best in well drained soils.

**C** Short evergreen perennial ground cover. Grows to 6" tall and 3' diameter. Small blue-purple flowers.



## LIRIOPE VARIGATED

**A/S** 18 Plants/flat

**G** Partial sun to full shade. Performs best in well drained soils.

**C** Short evergreen perennial ground cover. Grows to 6" tall and 3' diameter. Small blue-purple flowers.



## CAREX PENNSYLVANICA

**A/S** 18 Plants/flat

**G** Tolerates shade to full sun. Well drained to moderately drained soils are preferred.

**C** A tufted, tuberous-rooted, grass-like perennial growing 12"-18" tall. Showy flowers spikes with purple flowers in late summer and blackish berries.

# FREE Compost at Tree Sale

Nearly all Pennsylvania soils are low in organic matter. An increase of only 1 to 1.5% organic matters will greatly improve the physical quality of soil and result in better root penetration. Composted organic matter can be a very effective addition to soil which, in time, will decompose to enhance the quality of soil. *Source: Penn State University, College of Agricultural Sciences.*



**FREE compost will be available to all Tree Sale customers. Please bring 1-2 buckets to fill.**



## FRUIT TREE SELECTIONS

**R = Rootstock**                      **RT = Ripening Time**  
**H = Height at Pickup**        **C = Color**  
**BT = Blooming Time**         **O = Other**



### PRIME ARK FREEDOM BLACKBERRY

Thornless primocane fruiting blackberry. Can be managed for summer and fall fruiting or just fall. Released from Dr. John Clark Univ of Arkansas. Large fruit, excellent flavor. Soft fruit not for shipping. pH 6.5-6.8 Primocane blackberries respond favorably to tipping! As the primocanes reach 12-15" in height, break or cut 3/4-1" off the tip of each cane to force branching. Tip again when branches reach 30". This process stimulates earlier fruit development, keeps plant height in check, and increases yield.



### NIWOT PRIMOCANE BLACK RASPBERRY

From Peter Tollman in Colorado, ripens earlier than Jewel in summer, and will produce fall crop. Highly productive, space 3-4 ft in row. When canes reach 3 ft, as soon as possible tip 3-5 inches off canes to encourage more fruit. Soil pH should be 6.5-6.8.



### GALARINA™ (X-4982 CLTV)

Developed in France, this apple is a cross between Gala and Florina varieties. Considered an "improved Gala", Galarina is hardier than Gala and exhibits a high tolerance to apple scab, mildew, and fire blight. The small to medium sized apples are crisp and sweet making them great for fresh eating and cooking. Store Galarina apples in cold storage for up to 4 months. Galarina is a good choice for wildlife plantings as the fruits hang on the trees well into late fall!

- R** EMLA 111
- H** 4-5 ft
- BT** Mid-season
- RT** Late Sept.-Early Oct.
- C** Red to Orange-Red
- O** Semi-dwarf rootstock that is well anchored and a good selection for heavy, poorly-drained soils



### GOLDRUSH

Introduced in 1994, GoldRush is good for organic growers due to its resistance to scab and mildew. This apple has a tart taste when eaten off of the tree, but it sweetens with storage. Apples keep in cold storage for 10-11 months! Trees typically start bearing fruit in the 2<sup>nd</sup> year. GoldRush apples resist browning when cut, making them good for sauce, baking, and cider.

- R** EMLA 7
- H** 4-5 ft
- BT** Late season
- RT** Mid-late Oct.
- C** Green-yellow with red blush
- O** Semi-dwarf rootstock that is well anchored and hardy. Most widely used semi-dwarf free-standing rootstock.

