

Evergreens

Botanical name	English Name	Max Height	Spread	Growth	Zone	Light	Texture	Habit	Fruit	Use	Flowers	Insect	Soil	Disease	Culture	Additional Notes	List Price
Abies balsamea	Balsam Fir	45-75 ft National Champion 100 ft by 45 ft in Fairfield, PA.	20-25 ft in spread	Slow	3, 4, 5	More shade tolerant than other firs	Med	Stiff in habit, symmetrically pyramidal or narrow-conical when young before losing its pyramidal habit with age	Cone, dark violet when young, 2-4 inches long. Turning gray-brown and resinous at maturity; soon after the ripening of the seeds the scales fall off, leaving only the central axis.	Used mainly as a specimen tree and popular as a Christmas tree. Does not hold its needles very long in a dry house and for this reason it is not as desirable as the pines.	Male-catkin-like, yellow, developing from the underside of the leaf axil.	Spruce Budworm, Sawflies, woolly adelgid and several canker diseases.	Tolerates Acid, Prefers Moist		Shallow rooted. Readily transplanted; adaptable to cold climates and there it makes its best growth; prefers well-drained, acid, moist soil; more shade tolerant than other firs.	The resin from this tree was used to mount thin specimens under slides.	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Abies concolor	Concolor Fir	30-50 ft; can grow to 100 ft or more, national champion is 94 ft by 48 ft	15-30 ft	Slow to Med	3, 4, 5, 6, 7, 8	Full Sun will tolerate light shade	Med	Conical and branched to the base, the branches on the upper half of the tree tend to point upward, the lower horizontal or deflected downward, creating a rather rigid, stiff appearance in the landscape.	Cones are stalked, cylindrical, 3 to 6 inches wide, pale green before maturity often with a purplish bloom, finally brown.	Because of the growth habit and the softer effect it could well replace the spruces in the landscape; beautiful foliage, especially those trees with bluish needles.	Inconspicuous, monoecious; staminate - red or red-violet.	Sawflies	Deep, rich, moist, well drained gravelly or sandy-loam soils.	Needle Blight, Sooty Mold	Withstanding heat, drought and cold equally well, it prefers and makes best growth on deep, rich, moist, well-drained gravelly or sandy-loamed soils; dislikes heavy clay.	Blue-green foliage all year	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Pseudotsuga menziesii	Douglas Fir	60	35	Fast	4, 5, 6, 7	Full Sun	Coarse	Pyramidal		Specimen Plant, Screen Plant			Prefers Moist	Swiss Needlecast	Spring, Fall, Winter	Blue to green foliage all year; fall light brown cones	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Tsuga canadensis	Canadian Hemlock	40-70 ft, national champion in 165 ft by 38 ft in the great Smoky Mountains	25-35 ft	Med, 25-50 ft in 15-30 years	3, 4, 5, 6, 7	Unlike most conifers tolerates shade well; can also grow in full sun	Fine	Softly and gracefully pyramidal in youth with tapering trunk, becoming pendulously pyramidal with age; one of the most beautiful conifers.	Cones slender, stalked ovoid, apex nearly blunt, 1/2 to 1 inches long. Brown at maturity; hang like small ornaments from the branches.	Screen Plant, Border Plant, Hedge Plant	Monoecious; staminate light yellow, pistillate pale green.	Spruce leaf miner	Moist, well-drained, acid soils	Leaf blight, blister rust, and needle rust	Transplants well if root pruned, amenable to pruning; an excellent subject of moist, well drained, acid soils, rocky bluffs or sandy soils. Does not tolerate wind or drought, plant in sheltered locations.	Extremely graceful Glossy dark green needles all year	3 gal: \$29.99 5 gal: \$39.99 7 gal: \$49.99
Pinus sylvestris	Scotch Pine	30-60 ft; can grow 80-90 ft	30-40 ft	Med when young; slow with age	3, 4, 5, 6, 7	Full Sun	Med	In youth an irregular pyramid with short, spreading branches, the lower soon dying, becoming in age very picturesque, open, wide-spreading and flat-or round-topped, almost umbrella-shaped.	Cones mostly solitary to 2 to 3 (6) together short-stalked, ovoid-conic, 1 1/2 to 3 inches long; gray or dull brown.	Valued for its picturesque character; Specimen Plant, Screen Plant	Monoecious	Pine Bark Aphid, Sawflies	Needs Well Drained, Adaptable preferably acid soils. Can also do well on dry sites.	Phomopsis Blight	Transplants easy if root pruned; will grow on a variety of soils as long as they are well-drained; poor, dry sites will support this tree; full sun; preferably acid soils.	One of the most popular Christmas trees. Blue-green foliage all year; winter orange bark	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99

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Pinus strobus	Eastern White Pine	50-80 ft; can grow to 150 ft	20-40 ft	Fast, one of the fastest growing landscape pines	3, 4, 5, 6, 7	Full Sun	Med-fine	In youth a symmetrical pyramid of soft, pleasant appearance; in middle-age and on old trees the crown is composed of several horizontal and ascending branches; gracefully plume-like in outline and very distinctive when compared to other conifers.	Cones sub terminal, pendent, 3 to 7 inches long by 1 1/2 inches broad, stalked, cylindrical, often curved, apex pointed, resinous and light brown; mature in autumn of second year.	A very handsome and ornamental specimen; valuable for parks, estates and large properties; one of our most beautiful native pines. Mass Plant, Specimen Plant, Windbreak	Monoecious; staminate clustered, yellow; pistillate pink.	White pine weevil, Pine Needle Scale	Tolerates Dry, Needs Well Drained	White pine blister rust a bark disease,	Easily transplanted because of wide-spreading and moderately deep root system with only a vestige of a taproot; makes its best growth on fertile, moist, well-drained soils, however is found on such extremes as dry, rocky ridges and wet sphagnum bogs; light demanding but can tolerate some shade.	Very valuable timber species, Dark green evergreen foliage all year	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Pinus nigra	Austrian Pine	50-60 ft but can grow to 100 ft	20-40 ft	Med, 35 to 50 ft after 20 to 30 yrs	3b, 4, 5, 6, 7	Full Sun	Med-Coarse	Densely pyramidal when young becoming a large, broad, flat-topped tree with a rough, short trunk and low, stout, spreading branches.	Solitary or in clusters, sessile, ovoid, conical, 2-3 inches long, 1 to 1 1/4 inches wide before opening, tawny-yellow initially, becoming brown.	An adaptable species with very stiff needles making a good specimen, screen or windbreak; develops its real character in old age when the branches become umbelliformly spreading and the bark colors develop fully. Specimen Plant, Screen Plant	Staminate clustered, yellow; pistillate yellow-green	Pine Bark Aphid, Sawflies	Needs Well Drained	Sphaeropsis (Diplodia) shoot blight	A very hardy tree that withstands city conditions better than many other pines; very tolerant of soils, moist; will stand some dryness and exposure; less fastidious in its soil requirements than most pines; will succeed in fairly heavy clay and alkaline soils.	Dark green foliage all year; fall cones; winter fissured bark	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Pinus resinosa	Red Pine also called Norway Pine	50-80 ft; can grow to 125 ft and more.	Variable	Med, 50 ft after 25-30 yrs	3, 4, 5, 6, 7	Full Sun	Med	When growing in the open develops heavily branched crown. When growing in limited space it will grow tall with a globe crown.	Cones sub terminal, solitary or two together, sessile, horizontally spreading, symmetrical.	A picturesque and desirable tree which survives under adversity. Foundation Plant, Specimen Plant	Monoecious, clustered; staminate red, pistillate reddish.		Needs Well Drained, Prefers Acid		Does well on exposed, dry, acid, sandy or gravelly soils; full sun; Susceptible to sweeping winds; extremely cold tolerant (-40 to -60 F)	Minnesota State Tree, Light green, soft needles all year	3 gal: \$29.99 5 gal: \$29.99 7 gal: \$39.99
Picea glauca	White Spruce	40-60 ft National champion; 130 ft by 28 ft in Koochiching County MN.	10-20 ft	Med	2,3,4, 5,6	Full Sun, Partial Sun	Med	A broad, dense pyramid in youth, becoming a tall, fairly narrow, dense spire, compact and regular, with horizontal to ascending branches	Pendulous, cylindrical cones, 1 to 2 1/2 inches long, 1/2 to 3/4 inches wide, green to purplish when young and light brown when mature, scales thin, flexible, broad, rounded, almost entire at margins.	Specimen Plant, Windbreak	Monoecious; staminate, pale red becoming yellow; pistillate purple	Spruce bagworm, European sawfly and red spiders.	Tolerates Dry, Prefers Moist	Needlecast	Transplants readily; makes its best growth on moist loam soils, and although found on many different sites, it is typical of streambanks lake shores and adjacent slopes; one of the most tolerant spruces as it withstands wind, heat, cold, drought and crowding; best in full sun, but tolerant of some shade.	Evergreen foliage all year, native of Minnesota,	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Picea pungens	Colorado Green Spruce	30-60 ft in avg landscape conditions; 90-135 ft in the wild	10-20 ft in height in average conditions 20-30 ft in the wild.	Slow-Med 30 to 50 ft after 35-50 yrs	3, 4, 5, 6, 7	Full Sun	Med-Coarse	A dense, regular narrow to broad pyramid with horizontal stiff branched to the ground; often becoming open	Cones oblong, cylindrical, short stalked, 2 to 4 inches long, 1 to 1 1/4 inches wide, green with violet bloom when young, turning light or yellow-brown when ripe.	Specimen Plant, Screen Plant	Monoecious; staminate orange, pistillate greenish or purple.	Spruce Budworm, Spider Mite, Spruce gall aphid	Tolerates Alkaline,	Cytospora Canker, Rhizoshaera needle cast	It prefers rich, moist soil in full sunlight although is more drought tolerant than other Picea; very adaptable	Dark green foliage all year	CLEARANCE 3 gal: \$4.99 3 gal: \$17.99 5 gal: \$27.99 7 gal: \$37.99
Picea pungens var. glauca	Colorado Blue Spruce	30-60 ft in avg landscape conditions; 90-135 ft high in the wild	10-20 ft in height in avg conditions; 20-30 ft in the wild	Med	3, 4, 5, 6, 7	Full Sun	Med-Coarse	A dense, regular narrow to broad pyramid with horizontal stiff branched to the ground; often becoming open	Cones oblong, cylindrical, short stalked, 2 to 4 inches long, 1 to 1 1/4 inches wide, green with violet bloom when young, turning light or yellow-brown when ripe.	Specimen Plant, Screen Plant		Spruce Budworm, Spider Mite, Spruce gall aphid	Tolerates Alkaline, Prefers Moist	Cytospora Canker, Rhizoshaera needle cast	It prefers rich, moist soil in full sunlight although is more drought tolerant than other Picea; very adaptable	Blue-green foliage all year; cones in fall/winter	CLEARANCE 3 gal: \$4.99 3 gal: \$17.99 5 gal: \$27.99 7 gal: \$37.99

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Picea glauca var. Densata	Black Hills Spruce	40	35	Slow	3, 4, 5, 6	Full Sun, Partial Sun	Med	Pyramidal		Specimen Plant, Mass Plant, Screen Plant		Spruce Budworm, Scale	Prefers Moist, well drained.		Spring, Fall, Winter	A variety of White Spruce. Dark blue/green foliage all year; fall cones	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99
Picea abies	Norway Spruce	40-60 ft; can grow to 100 ft and more.	25-30 ft	Fast	3, 4, 5, 6, 7	Full Sun	Med	Pyramidal with pendulous branchlets; stiff when young, graceful at maturity.	Cones are cylindrical, 4 to 6 inches long, 1 1/2 inches wide, pendulous, purple or green in youth, light brown at maturity.	Screen Plant, Specimen Plant, Windbreak	Monoecious	Red Spider, spruce gall aphid, budworm and borers	Prefers Moist, Needs Well Drained	Spruce Needle Rust	Shallow , spreading root system; performs best in moderately moist, sandy, acid, well-drained soils but can be planted in most average soils provide adequate moisture is available especially in the early years; full sun	Dark green foliage all year; cones in fall	3 gal: \$19.99 5 gal: \$29.99 7 gal: \$39.99