



HOUGHTON KEWEENAW CONSERVATION DISTRICT

2011 ANNUAL TREE SALE

Houghton Keweenaw CD
906-482-0214

Board of Directors

Gina Nicholas, Chairperson
Tom Collins
Mark Klemp
Sandra Palmore
Gary Palosaari

Staff

Sue Haralson, Administrator

NRCS

Rob Aho, Engineer

Location: Houghton County Arena
1500 Birch St., Hancock

Pick Up times:

FRIDAY, MAY 6: From 3:00 PM to 7:00 PM

SATURDAY, MAY 7: From 10:00 AM until NOON

Tree Orders are due by Friday, March 25

Order early!

A \$15.00 Late Fee will be charged for orders not picked up by Noon, Saturday, May 7



The Annual Tree Sale is our MAJOR Fundraiser of the year.
All proceeds go to Conservation Efforts and Education
in Houghton and Keweenaw Counties.

Thank You for your continued support!

Mother's Day is on May 9! Pick out something special for her!

NATIVE TREE PLUGS (NEW)

Cedar—Northern White (*Thuja Occidentalis*) Size 2A. Height 40-60 feet. Dense pyramidal tree. Feather like yellowish green needles with blunt tips. Grows well on a variety of sites. Windbreaks, hedges and wildlife habitat.

Hemlock—Eastern (*Tsuga Canadensis*) Size 2yr. Height 70 feet. Graceful pendulous evergreen. Cinnamon red bark. Small, soft, lustrous green needles, silver underneath. Used for ornamentals, hedges and wildlife habitat.

Pine—Red (*Pinus resinosa*) Size 4A. Moderate to fast growing tree attaining heights of 50-80 feet. Prefers coarse, well drained sandy to sandy loam soils. Can tolerate dry, windy or rocky conditions. Full sunlight or partial shade tolerant.

Pine—White (*Pinus strobes*) Size 4A. **Michigan's State Tree!** Moderate to fast growing tree on a good site. Prefers moist to somewhat poorly drained sandy to sandy loam soils. Can tolerate 25% to 75% shade. Needles are very soft and 5 to a cluster. Planted for timber production, windbreaks, privacy screens and wildlife habitat. Provides food, nesting sites and cover for wildlife.

Spruce—White (*Picea glauca*) Size 4A. A moderately fast growing spruce attaining heights of 90-100 feet. Grows well on clay or loam soils. Provides good nesting and protective cover for most wildlife.

Oak—Northern Red (*Quercus rubra*) Size 1yr. Our only native oak tree. A beautiful, fast growing oak with a broad crown. Thrives on any well-drained soil including sandy sites. Needs full or partial sun. The acorns are very valuable to deer, bear, wood ducks and other wildlife

CONIFERS—Bareroot Seedlings

Pine—Red, Pine—White and Spruce—White Size: 6-12 inches

Plugs Size Chart

2A—Under 3 cubic inches

4A—Under 4 cubic inches

1yr—50mm plug/1yr seedling

2yr—50mm plug/2yr seedling

TREES FOR WILDLIFE

American Mountain Ash (*Sorbus americana*) A great native ornamental tree growing up to 30 feet. Has brilliant orange/red fruit that often lasts into winter. Plant on well drained sites. Many bird species are attracted to the fruit during fall and winter. An excellent ornamental and wildlife tree.

Birch—White (*Betula papyrifera*) Also known as canoe birch, silver birch and white birch. Mature height is 80 feet. Prefers cool moist climates. Shiny brown bark when young, turning bright white with age. Buds, catkins and seed are eaten by the numerous birds and small mammals.

Cherry—Black (*Prunus serotina*) A medium-sized native hardwood tree. The wood is prized and the fruit is used by a wide variety of birds and mammals. An excellent addition to a maple forest if you want to improve plant diversity and wildlife habitat at the same time.

Crabapple—Roselaw Sargent (*Malus sargentii*) A compact, rounded and densely branched flowering crab reaching a height of about 8 feet. Pink buds produce white flowers in mid-May and abundant dark red fruit by fall. The small fruit is attractive to a variety of birds. It does well on a variety of soils and is an excellent wildlife planting.

Maple—Sugar (*Acer saccharum*) Our most valuable hardwood tree in the Upper Peninsula. Used for timber, maple syrup or as a shade tree. Attains heights of 70-100 feet and is very shade tolerant. Leaves produce gorgeous fall colors.

Plum—Wild (*Prunus Americana*) A large shrub or small tree with a broad crown, reaching heights up to 15 feet. Highly important as wildlife cover and food. The thorny, suckering growth, when protected, forms a thicket valuable for bird nesting and roosting, and animal shelter and bedding.

SHRUBS FOR WILDLIFE

Dogwood—Redosier (*Cornus sericea*) A large shrub, 6-9 feet in height with reddish stems. Growth is upright rounded, but where stems are in contact with the ground, roots form. This behavior creates thickets. The primary use of this species is for streambank protection. It can be planted alone or with other species, such as willows. Other beneficial uses are for fish and wildlife habitat improvement, windbreaks, slope stabilization, borders, and as an ornamental.

Hazelnut—Beaked (*Corylus cornuta*) Our native hazelnut is very valuable as a winter food source to ruffed grouse . Provides cover for a variety of birds. This shrub grows on well-drained soils, attains a height of about 6 feet and has edible nuts.

Elderberry—American (*Sambucus Canadensis*) Warning: New growth contains a glucoside that can be fatal to livestock. Songbirds, upland game birds and small mammals relish the fruit of American elder. Outstanding as nesting cover for small birds. Can be used for erosion control on moist sites.

Highbush Cranberry (*Viburnum trilobum*) A beautiful native shrub for landscaping or wildlife plantings. Produces attractive white flowers and scarlet colored fruit which birds eat in late winter. Tolerates a wide variety of soil sites and does best with full sunlight. Can reach a height of 10 feet.

Ninebark (*Physocarpus opulifolius*) A native wetland edge species growing up to 8 feet tall and up to 15 feet across. Useful for borders and screens. The seeds are food for songbirds and grouse. Prefers full sun.

Rugosa Rose (*Rosa rugosa*) Beautiful as shrub or hedge planting. Pinkish to white flowers. Grows rapidly.

Lilac—Charles Joly (*Syringa vulgaris*) Height: 10-12 feet, Spread: 8-10 feet, Shape: Upright. An earlier French hybrid that bears smaller panicles of purple buds that turn to magenta double flowers. Rarely to never fed on by Japanese beetles.

Lilac—Prince Charming (*Syringa 'Bailming'*) Height: 8 feet', Spread: 5-6 feet, Shape: Upright, rounded. A dwarf lilac with deep wine-red buds and lavender pink blooms. Needs full sun and well-drained soil.

Asparagus—Jersey Giant Size: 2yr. An all male hybrid that is highly productive and very vigorous. Extremely nutritious. It has high disease tolerance. Winter hardy and adapts to temperate and cool climates. Prefers well worked organic soils.

Rhubarb—Canada Red Full Sun, Spacing: 3-4 feet. Stalks: Cherry-Red. Harvest: Late Spring-Fall. Very winter hardy and drought resistant.

Grapevines—NEW—1yr old, top growth is 12-18 inches with a heavy root system

Concord Produces medium-sized clusters of large blue-black berries. It is a slipskin variety. The pronounced fruity flavor makes it a desirable dessert and juice grape.

Frontenac Extremely winter hardy red grape variety that produces a full bodied wine of high quality. From the University of Minnesota Breeding Program.

Holly—Red Sprite, Winter Red and Jim Dandy (*Ilex verticillata*) A native plant that will adapt to most soils with a pH of 5.0 to 6.5. The flowering is late June. Each plant is in a 4" container and sold in sets of 3 = 2 Females: Red Sprite and Winter Red, and 1 Male: Jim Dandy. Red Sprite grows 2-4', Winter Pearl is from the forests of Lacota, MI. Fruiting is consistent every year with bright red fruits surrounding each stem. Jim Dandy is a slow growing dwarf.

FRUIT TREES All are semi-dwarf. Most require two varieties of the same fruit for pollination.

Apple—Cortland Deep, solid red with stripes on the underside. Trees grow large and are consistent producers. Pollinate with a diploid blooming in the same season such as SnappyMac & Wolf River.

Apple—Honeycrisp Outstanding quality and high demand. Great eating apple. Cream-colored flesh is crisp and coarse grained; has a mildly sweet, delicate flavor and plenty of juice. Cold tolerant and is a reliable annual bearer, blooming late midseason. Stores well.

Apple—McIntosh SnappyMac Fruit color is a beautiful deep red blush allowing for an earlier harvest and better storage. Typical McIntosh growth characteristics although SnappyMac appears to be more open and spreading.

Apple—Summer Mac An early season McIntosh-type apple. It is a bright red apple with creamy white flesh. Trees are productive, bloom early and are susceptible to fire blight. Not for long storage.

Apple—Wolf River An antique variety known best for its large size. It is an early season apple, excellent for cooking and baking. Disease resistant and very winter hardy.

CHERRY—Hedelfingen (Sweet) The standard for the Midwest. Attractive, glossy, almost black cherries. A crack-resistant variety. Pollinator: Stark Gold or other cherry varieties.

CHERRY—Stark Gold (Sweet) Small to medium-sized translucent golden-yellow fruit is extremely crack-resistant. Its fruit quality is exceptionally good and it is used extensively in maraschino processing. Pollinator: Hedelfingen or other cherry varieties.

PEACH—Reliance Well known for its cold hardiness. Ideal for northern climates. The fruit is medium-sized, freestone, with a dull blush over greenish-yellow background. Good for canning and freezing.

PEAR—Red Sensation Bartlett One of the best strains of Red Bartlett. Brighter red color with higher sugar content. Cross-pollination required.

PEAR—Starking Delicious Golden yellow with white flesh. Medium to large firm, crisp and juicy fruit. Vigorous and hardy. Cross-pollination is required.

PLUM—Stanley Early, heavy crops annually. Medium-sized, oval plum with blue skin and yellow semi-juicy freestone flesh. Matures late August to early September. Vigorous, hardy tree. Will self-pollinate but best production is achieved with a pollinator.

BERRIES

Blueberry—Jersey Begins to ripen the beginning of August. Harvest season extends until mid-September. Bush is large and upright. Berries are medium-sized and good flavor.

Blueberry—Northland Highbush/Lowbush type cultivar. Height is about 3-4 feet at maturity. Bush is vigorous and moderately spreading.

Blueberry—Patriot—Highbush type cultivar. Height: 4-6 feet. The bush is upright and spreads when fruit is ripe. Yield is consistent, 10-20 pounds at maturity. Fruit size is large, averaging 49 berries per cup.

Blackberry—Chester Thornless Most winter hardy of all the thornless cultivars. Berries are firm. Color does not leak or fade in sunny weather. Ripens mid-August in Michigan.

Raspberry—Red Boyne Extremely hardy, and has superior disease resistance.

Strawberry—All Star (New) Sweet flavor, vigorous, hardy and easy to grow, with good disease resistance

Strawberry—Honeoye Tasty large strawberries with good general disease resistance.

CONSERVATION MERCHANDISE

Bat House—One Chamber Grooved landing pad. Grooved inside chamber walls. Size: 10"W x 4"D x 16" H.

Bluebird House—Locally made by Bruce Eppolite of Ironwood. Size: 5.5"W x 9"D x 13.5"H

Plantskydd—Deer and Rabbit Repellent. Lasting protection for garden and landscape.

Terra Sorb™ Rooting Gel—2 oz. Packet. Used to improve seed germination. Improves survival and growth of tree seedlings after planting.

Tree Guards—24" Protect young trees against mice, rabbits and abrasion. Goes on quickly, needs no staples or fasteners. Expands as the tree grows. Provides adequate air and light circulation to discourage fungus and disease.

Planting Bar A wedge shaped blade and footstep welded to a long shaft used to make a slot in the ground in which a tree may be planted. Made locally.



Houghton Keweenaw Conservation District
600 E. Lakeshore Dr., #204
Houghton, MI 49931

2011 Annual Tree Sale

Thank you for supporting your Conservation District!



Order Deadline: March 25

Orders need to be paid in full and mailed to:
Houghton Keweenaw Conservation District
600 East Lakeshore Dr., #204, Houghton, MI 49931

**Pick Up Location: Houghton County Arena
1500 Birch St., Hancock, Michigan on
May 6 and May 7**

You can Help!

Volunteers would be greatly appreciated from

Monday, May 2
through
Saturday, May 7

For more information call
HKCD at 906-482-0214

Houghton Keweenaw Conservation District Annual Meeting

Tuesday, March 8 starting at 6:00 PM
Pot Luck Buffet, Board Member Election
And 2010 HKCD Highlights

Special Presentation: RRIP-IT-UP
With Botanist Janet Marr

We hope to see you there!



Rapid Response Invasive Plant Intervention Team of the UP!