2016
4-H SEEDLING TREE PROGRAM

We are Jefferson County 4-H Trees, a program of the Jefferson County 4-H Council, working on behalf of the boys and girls who are members of 4-H Clubs in Jefferson County.

We offer seedling trees and perennial flower plants to the public in the Denver-metro area and adjoining foothills. They are grown by the Colorado State Forest Service at their nursery outside Fort Collins and are sold at nominal prices in fulfillment of the state forest service's mandate to promote conservation practices in our rural and urban forests.

The plants are available to anyone, but must be used for conservation purposes. See listing inside.

Order, using the accompanying printed order form, or order online at our website 4htrees.org

The plants may be ordered beginning November 1, 2015 and until April 8, 2016. Customers will pick up their orders at the Jefferson County Fairgrounds on April 28, 29, or 30, 2016. Payment must be made when the order is placed. Cancellations are not permitted.

Order Deadline April 8, 2016

What's New for 2016?

• Many of our customers last year found it convenient to use our website for placing their order. It continues to operate this year. We also process orders using the printed order form and payment by check.

• The nursery has continued to grow selected perennial flowers and grasses. It has added Leadplant (Amorpha canescens), a drought tolerant sub-shrub of the prairie to its list of offerings. Several of the continuing species are also available this year in the 1 gallon extra large pot.

• Many of our tree customers ordered perennials also last year. Those grown in the nursery’s large tubes are smaller in size than plants found in commercial nurseries. But they are also lower-priced. They come in units of 10 plants. Because the perennials do not pack into the corrugated boxes used for the trees, the nursery was able to recycle the styrofoam boxes formerly used for trees in tubes but were phased out in recent years. They work well to hold the perennial plant tubes upright for shipping and customer pickup.

• Because of their popularity in the larger size, the nursery has added a number of tree species to the Extra Large Potted list. One new species this year is Littleleaf Linden, a shade tree not native to North America which has become popular for its creamy fragrant yellow blossoms in summer.

Our Program Offers . . .

• Evergreen and deciduous trees grown from seed or cuttings
  • In bundles of 25 bareroot plants
  • In plastic growing tubes, lots of 30
  • In plastic pots, as individual plants

• Perennial flower plants and grasses grown from seed
  • In plastic growing tubes, lots of 10
  • In plastic pots, as individual plants

• Planting supplies to aid plant survival and growth
  • Slow-release 10-gram fertilizer tablets, in bags of 25, 30, 100
  • Water-storing synthetic polymer crystals in 1lb bags
  • Photodegradable plastic mesh protective tubes, in bundles of 10
  • Bamboo stakes to support mesh tubes, bundles of 25, 30

The tube and container sizes are illustrated and briefly described on our website at 4htrees.org. Click on “About,” then “Container Descriptions” on the sub-menu. You may consult this chart when making your selections on the order form. You will note that many species are available in more than one size container.
There are two great times to plant trees: the first was 20 years ago -- the other is now.

References:

Detailed descriptions of most species at http://csfs.colostate.edu/pdfs/SpeciesSuitabilityGuideforColorado.pdf

Key characteristics of trees and shrubs at http://csfs.colostate.edu/pdfs/SpeciesSuitabilityGuideforColorado.pdf

Questions

If you have ordering questions or need additional order forms, contact the Colorado State University Extension Service in Jefferson County at 303-271-6620 weekdays between 8 a.m. and 5 p.m. Or email us at 4htrees@gmail.com.

Ordering in 2017

If you order this year you automatically will be on our mailing list next year. Those who have not ordered trees this year or last year, however, will need to call for an order form in the mail next year. It will also be available for download from the www.jeffcoextension.org website.

How to Order Shrubs, Trees, Perennials

• You may order trees and perennial flowers by using the accompanying order form and sending it with your check to the address indicated on the order form. Payment must accompany the order. The nursery allows no cancellations, once your order has been entered there. At that time we will send you a confirmation of your order. We must receive your order by April 8, 2016. You may also order using our website store at http://4htrees.org. Web orders are payable by credit card. Follow the instructions on the website.

• Determine what species you wish to plant and how many. Brief descriptions of available species are in this leaflet. More detailed information can be found in the nursery’s Buyers Guide at http://csfs.colostate.edu/pdfs/08byrgd-www.pdf. For an illustrated flyer describing the perennial plants available, call CSU Extension in Jefferson County at (303)271-6620 or email us at 4htrees@gmail.com. Photos and descriptions may also be found on our website 4htrees.org.

• Before finalizing your order please verify that your selections are available. The nursery allocates its inventory on a first-come first-served basis. Consult our list of sold-out items at http://4htrees.org (About page, sub-menu How to Order) or phone the Jefferson County Extension Office at 303-271-6620. Descriptions of each individual tree or plant on our website also indicate if the item is “In Stock” or “Out of Stock.” This information is updated automatically, based on the nursery’s running inventory. We forward orders to the nursery once a week. Despite not being on the sold-out list, sometimes your selection will have sold out in the interval between mailing your order to us and its entry at the nursery. In such cases, we contact you by email or phone and offer you an alternate or cancellation of your order and refund. The earlier you order, the more likely your choices will be available. Include in your order any of the planting supplies you wish.

Examples of Conservation Use

The nursery plants are available to all, but must be used for conservation purposes, which include:

• Creation or maintenance of protective windbreaks or shelterbelts for crops/livestock
• Creating or enhancing living snow fences or wildlife habitats
• Reforestation of land after natural disaster
• Mining reclamation
• Planting shade trees in an effort to reduce air conditioning use
• Planting more drought tolerant species to reduce use of water
• Creating pollinator habitat
• Species diversification in response to insect/disease in current tree populations
• Carbon sequestration
• Others

Tree and Perennial Pickup

Trees and plants are scheduled to be transported from the nursery to the Jefferson County Fairgrounds for pickup April 28, 29, & 30, 2016. Early in April we will confirm these dates and send you detailed pickup times on Thursday and Friday evenings and Saturday morning. You or a representative must pick up your trees on one of the three days, as no storage area is available. We cannot be responsible for unclaimed orders.
For best results, install the tube at the time of planting, surrounding the entire seedling. Let several inches of the tube extend above the tree, allowing for growth before the top of the tree is exposed. The tube may be raised later to accommodate and protect new growth.

To install, weave a bamboo or wooden stake through the diamond mesh openings of the tube and push the stake into the ground six inches or more, so that it is well anchored. For further protection from loosening by wind, tie the tube to the stake with a twist tie or piece of wire. Two stakes may be needed in windy locations. Bamboo stakes we offer are 36 in. in length.

Polymer - Synthetic polymer available through our program has been found to improve tree and shrub seedling survival, especially where trees cannot be irrigated. Sold in dry granular form, the polymer absorbs up to 400 times its weight when added to water. The water stored in the hydrated crystals is available to the plant roots, providing an extra reserve to help the plant through periods without rainfall or irrigation.

Polymer is mixed at the rate of one ounce (two heaping Tablespoons) per gallon of water. Seedling roots can be dipped in the hydrated slurry en route to the planting site. A large handful should be mixed with the soil backfill in each planting hole. One pound of polymer will be sufficient for 80 to 100 trees. Polymer may also be used for flower and vegetable transplants. In containers, it helps cool plant roots during hot summer months.

Fertilizer Tablets (20-10-5), 10 grams each - During the first year of your seedlings’ establishment, their need for plant food is not as great as in following years, but continuous availability of nutrients is important for the development of healthy roots and vigorous top growth. These compact, easy-to-use fertilizer tablets can be placed in the root zone at planting time, eliminating the need for additional fertilization for several years. They are a safe, scientifically complete plant food.

Roots completely surround the tablets to pick up the nutrients, which are gradually released by action of soil bacteria. The tablets do not dissolve and may retain their shape even after a year or two in the soil.

Use one tablet per seedling. Position seedling in the hole. Backfill halfway up the root ball. Place tablet beside the root ball about 1 inch from root tips. Do not place the tablet in the bottom of the hole. Complete backfill, tamp lightly, and water.

Nursery stock is produced and distributed by Colorado State Forest Service, Colorado State University.

The Colorado State Forest Service tree program enables farmers, ranchers, and rural landowners to obtain trees at nominal cost. The program’s aim is to encourage landowners to plant new forests; establish effective windbreaks to reduce erosion, protect homes, cropland, livestock and highways; and enhance wildlife habitat. The trees and shrubs are grown for their conservation benefits only. Ornamental qualities such as color, degree of flowering, fruit production and others are not guaranteed. Contact your local nursery for ornamental needs.