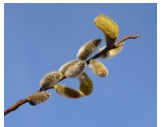




# The Lincoln Pollinator Action Plan: Planting the Way for Biodiversity and Climate Resilience

## A Description of Plants Included in the LLCT Spring Kits

The plants have been curated by Evan Abramson, principal at Landscape Interactions, and by Dr. Robert Gegear, professor of biology at UMASS Dartmouth and director of The New England Beecology Project. Both are LLCT project partners.



**Pussy Willow (*Salix discolor*): 2 plants included in a kit.** The furry catkins are one of spring's earliest harbingers. A showy ornamental, the silver pussy willows appear before the leaves and make great cut stems. Proper pruning gives maximum impact in landscaping. Leaves are shiny, dark green with a velvety-white underside.

**Type:** shrub-tree/deer resistant

**Nutrient:** pollen (M); nectar (M&F)

**Bloom Time:** Mar, Apr

**Exposure:** full sun, part shade

**Soil:** moist, wet

**Height:** 6-25 ft. **Spread:** 4-12ft

(Photo courtesy Vermont Willow Nursery)



**Lowbush Blueberry (*Vaccinium angustifolium*): 2 plants included in a kit** White blooms in spring are followed by edible berries. Foliage turns from red-green in spring to dark blue-green in summer to maroon-purple in fall. Planting more than one plant is beneficial for fruit production and pollinators!

**Type:** shrub/deer resistant

**Nutrient:** nectar

**Bloom Time:** May, Jun

**Exposure:** full sun, part shade, shade

**Soil:** dry, moist

**Height:** 1-2 ft. **Spread:** 1-3 ft.



**Virginia Rose (*Rosa virginiana*): 2 plants included in a kit.** Attractive pink flowers followed by red fruits that persist for months. Dark green foliage warms up to fire orange-red in the fall. Fast-growing, cold hardy, and tolerant of poor soils.

**Type:** shrub/deer resistant

**Nutrient:** pollen

**Bloom Time:** Jun, Jul

**Exposure:** full sun, part shade

**Soil:** dry, moist, wet

**Height:** 4-6 ft. **Spread:** 6-8 ft.

By Alvesgaspar - Own work, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=27748986>



**Carolina Rose (*Rosa carolina*): 1 plant included in a kit.** Attractive pink flowers followed by equally stunning fall rose hips.

These easy to grow roses stay low and are well suited for borders. Native Roses are semi-

**Type:** shrub/deer resistant

**Nutrient:** pollen

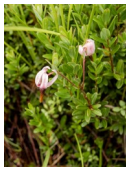
**Bloom Time:** May, Jun

**Exposure:** full sun, part shade

**Soil:** dry, moist, wet

**Height:** 1-3 ft. **Spread:** 3-4 ft.

Due to nursery availability, please note that the Carolina Rose is available for pick up on July 27th and 28th.



**Cranberry (*Vaccinium macrocarpon*): 1 plant included in a kit.** Low-growing, woody vine with small, white-pink flowers. Small green leaves turn bright red in fall. Edible (tart) plump, red-dark purple fruit ripens in Sep-Oct. Can be used as an evergreen groundcover in moist areas of a yard, or grown as a specimen plant in a small garden.

**Type:** perennial/deer resistant (some) **Nutrient:** nectar

**Exposure:** full sun, part shade **Soil:** moist, wet

(Photo courtesy Stephanie Brundage, Lady Bird Johnson Wildflower Center)

**Bloom Time:** May, Jun, Jul

**Height:** 4-6 in. **Spread:** 3-4 ft.



**Northern Bush Honeysuckle (*Diervilla lonicera*): 1 plant included in a kit.** Not the invasive, this small shrub has dense, dark green foliage that turns yellow-orange, then red to purple in the autumn — the more sunlight, the more dramatic. Small, bell-shaped flowers are yellow-green at first, becoming orange or purplish-red. Drought and poor, rocky soil tolerant. Low maintenance.

**Type:** shrub/deer resistant

**Nutrient:** nectar

**Bloom Time:** Jun, Jul, Aug

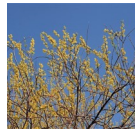
**Exposure:** part shade, shade

**Soil:** dry

**Height:** 1-3 ft. **Spread:** 4 ft.

(Photo courtesy Julie Makin, Lady Bird Johnson Wildflower Center)

## Willow Cuttings Offered A La Carte



**Meadow Willow (*Salix petiolaris*):** A well-behaved, low-maintenance, garden plant. Good for erosion control. Tolerates poor soil and drought (once established). Spreads by seed, unlike many willows. Twigs are yellow, green, reddish or brown, and young growth is covered with hairs before turning smooth.

**Type:** shrub/deer resistant

**Nutrient:** pollen (M); nectar (M&F)

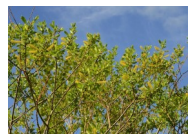
**Bloom Time:** Apr, May

**Exposure:** full sun, part shade

**Soil:** moist, wet

**Height:** 5-10 ft. **Spread:** 10-20 ft.

(Photo courtesy Vermont Willow Nursery)



**Shining Willow (*Salix lucida ssp. Lucida*):** Forms a large shrub or small tree with twigs that are a shiny light brown. Leaves are deep green and have a "varnished" appearance—believed by many to be one of the most beautiful of our willows. Prefers edge habitats and does not form large stands.

**Type:** shrub-tree/deer resistant

**Nutrient:** pollen (M); nectar (M&F)

**Bloom Time:** May, Jun

**Exposure:** full sun, part shade, shade **Soil:** moist, wet

**Height:** 3-20 ft. **Spread:** 10-20ft

(Photo courtesy Vermont Willow Nursery)

**Take note:** Willows are dioecious; they have both male and female trees. Both are required for reproduction. Only male flowers produce pollen, while both sexes produce nectar. Willows are extremely important on the landscape; they are the earliest flowering tree in most of North America and provide critical pollen and nectar for emerging bees. Willow roots travel a long way and will seek out drains and other sources of moisture. They also transpire a large quantity of water and can dry out a heavy clay soil; therefore, do not plant willows near a septic system, building, or foundation.

## Nurseries and Growers for the Birches Site and LLCT Plant Kits

### **Organic Soil Solutions**

Lincolnite Mike Murray is the owner of this all organic lawn care and landscaping company. They use an organic and proactive approach to plant and soil health care. They are supplying the compost/soil mix at the Birches site.

Office: 154 B Lincoln Road, Lincoln, MA 01773 — Workshop: 54 Knox Trail, Acton, MA 01720

Phone: 781-937-9992

Contact: [mikem@organicsoilsolutions.com](mailto:mikem@organicsoilsolutions.com)  
[organicsoilsolutions.com](http://organicsoilsolutions.com)

### **Bigelow Nurseries**

455 West Main Street, P.O. Box 718, Northboro MA 01532

Phone: (508) 845-2143

Contact: [cs@bigelownurseries.com](mailto:cs@bigelownurseries.com)  
[bigelownurseries.com](http://bigelownurseries.com)

### **Kohl Gardens**

Adam Kohl is the owner and operator of a native plant nursery in the North Quabbin area of Massachusetts specializing in local-genotype, wild-origin, seed-grown plants. Adam also offers a range of services (field botany, habitat planning, seed collection, site assessments, and horticultural consulting) and education (plant-insect interactions, presentations, walks, and private & group lessons).

Contact: [kohlgardens@gmail.com](mailto:kohlgardens@gmail.com)  
[kohlgardens.com](http://kohlgardens.com)

Follow on Instagram: [https://www.instagram.com/interested\\_in\\_plants/](https://www.instagram.com/interested_in_plants/)

### **Wing and A Prayer**

Amy Pulley is the owner and operator of a native plant nursery in Cummington, Massachusetts specializing in pollinator plants. The nursery has regular hours on Sun. and Mon. from 9 am to 3 pm. Amy is glad to greet and spend time with anyone interested in learning more about pollination systems and creating habitat. Call if you would like help or to purchase plants. Go and browse anytime; call ahead if you want to meet with Amy.

Contact: [creamery3@verizon.net](mailto:creamery3@verizon.net) or call (413) 634-5659

Follow on Facebook: <https://www.facebook.com/wingandaprayernursery/>

### **Vermont Willow Nursery**

Sonia and Michael Dodge are the owners and operators of this incredible willow farm located on 50 acres of fertile farmland in Fairfield, Franklin County, Vermont. Michael is a plantsman and horticulturalist with a distinguished and fascinating history. After many years, they are selling the farm and ready to retire for the second time. Contact them if you are interested!

Contact: [WillowmanVT@me.com](mailto:WillowmanVT@me.com)  
[willowsvermont.com](http://willowsvermont.com)

### **Ward's Nursery & Garden Center**

600 S Main St, Great Barrington, MA 01230

Phone: (413) 528-0166

[wardsnursery.com](http://wardsnursery.com)

### **Ernst Seed**

Ernst Conservation Seeds, Inc. , 8884 Mercer Pike, Meadville PA 16335

Phone: (800) 873-3321

Contact: [sales@ernstseed.com](mailto:sales@ernstseed.com)

[ernstseed.com](http://ernstseed.com)

