SCHOOL GARDEN 101 CONFERENCE

University of Rhode Island Cooperative Extension
2.16.2016
TEACHERS ARE THE KEY

- Instill healthy eating habits
- Improve food system literacy
- Inspire next generation of food system advocates
URI EXTENSION CURRICULUM RESOURCES
SCHOOL GARDENS 101 CONFERENCE 2016

Date: Tuesday, February 16, 2016  
Location: URI Feinstein Providence Campus, Paff Auditorium  
Registration: At this time we have reached our limit for participants. If you wish to be put on a wait list, please contact our office at outreach@uri.edu or call 401-874-2900.

Whether you’re rehabbing an existing garden, starting from scratch or looking to expand, we’ll share best practices for a successful school gardening season.

- FIND school garden curriculum and gardening resources.
- GAIN SUPPORT for the garden from teachers, administrators, parents and the wider community.
- PLAN ahead for summer garden care.
- CONNECT to the network of local school gardeners!

2016 CONFERENCE HANDOUTS

HANDOUTS

2016 School Garden 101 Conference Agenda
4H Volunteer Foster
Toolkit for RI School Gardens
RI Planting Calendar
GCD The Growing Classroom

Berlese Funnel Instructions for Decomposers Lesson
URI Extension School Garden Resources Flyer
URI Extension Outreach Center 6 Month Calendar
Dirt Investigations
Sensational SOIL Worksheet
School Garden Curricula: Food Literacy

Go to web.uri.edu/ceoc
Click on curriculum resources
SCHOOL GARDEN CURRICULA:
BIODIVERSITY IN URBAN
GARDENS
SCHOOL GARDEN CURRICULA: WATER QUALITY AND WATER CYCLE

Teacher Workshops!
Quick and Easy School Garden Kit
Part 1 of 2

Getting Materials, Building, and Planting the Garden

Creating a garden for your class can be easier and less expensive than you might think. Below are lists of materials needed for simple, raised-bed garden kits and the steps involved for students to build the garden.

The Learn, Grow, Eat & Go! curriculum guides your class to plan a garden with three 1-square-foot plantings of each of six kinds of vegetables.

We recommend that your school garden also include a few extra square feet of open planting space. This could be used for additional plantings of favorite vegetables, flowers, or herbs that your class might decide to add.

Website: jmgkids.us
Learning Landscape Field Trips

K-5 Classrooms, Title I scholarships
Eco-Exploration Camp

6/27-6/30 Camp Watchaug, Charleston
7/5- 7/8 Roger Williams Park Botanical Center
Continues July and August 2016
URI Gardening & Environmental Hotline
Monday-Thursday
9:00am - 2:00pm
Call: 1-800-448-1011
Email: gardener@etal.uri.edu
pH Soil testing
FREE PH SOIL TESTING, SEEDS AND
Workshops from URI Master
Gardeners

- First Saturday of the month at the Roger Williams Park Botanical Center
- Saturday, 4/2, Seed starting in the classroom workshop
SOIL TESTING – UMASS AND UCONN

What soil amendments should we use? (fertilizer, etc.)

- pH
- Nutrients (P, K, Ca, Mg, Fe, Mn, Zn, Cu, B, S, lead, aluminum)
- Need consultation?
  - Lead
    - Dawn Pettinelli, UConn
• Should we plant directly in ground?
• Total sorbed metals test ($55) – lead, nickel, cadmium, chromium, zinc, copper
• Additional elements may be added
  – Arsenic
  – Selenium
  – Molybdenum
RI Native Plant Guide

www.web.uri.edu/rinativeplants/

Search:
Type (T):
Exposure:
Moisture:
Wildlife:
Uses:
Height:
Coastal (CT):
Rhody Native™ (RN):

Search  Clear Filter
Choose the *Right Plant* for the *Right Place*.
Example: Drought Tolerant Perennials for Full Sun conditions along the Coast that are most attractive to our local Pollinators
Here are a dozen perennials suitable for those specific conditions.

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>T</th>
<th>F9</th>
<th>SH</th>
<th>ED</th>
<th>BD</th>
<th>DD</th>
<th>PL</th>
<th>DT</th>
<th>WT</th>
<th>CT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asclepias tuberosa ssp. tuberosa</td>
<td>butterfly milkweed</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Baptisia tinctoria</td>
<td>yellow wild indigo</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Chrysopsis mariana</td>
<td>Maryland golden-aster</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Eupatorium hyssopifolium</td>
<td>hyssop-leaved thoroughwort</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Euthamia caroliniana</td>
<td>slender goldentop</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Liatris novae-angliae var. novae-angliae</td>
<td>northern blazing star</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Oenothera biennis</td>
<td>common evening-primrose</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Opuntia humifusa</td>
<td>eastern prickly-pear</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Pseudognaphaliun obtusifolium var. obtusifolium</td>
<td>blunt-leaved rabbit tabacco</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Pycnanthemum muticum</td>
<td>broad-leaved mountain-mint</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Solidago sempervirens var. sempervirens</td>
<td>seaside goldenrod</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Symphyotrichium ericoides</td>
<td>heath American-aster</td>
<td>P</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
**Asclepias tuberosa ssp. tuberosa** (butterfly milkweed)

<table>
<thead>
<tr>
<th>Plant Type:</th>
<th>Perennial</th>
<th>Coastal Tolerant: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Sun:</td>
<td>Yes</td>
<td>Height: 1-2.5'</td>
</tr>
<tr>
<td>Shade Tolerant:</td>
<td>No</td>
<td>Width: 1-1.5'</td>
</tr>
<tr>
<td>Dry/Drought Tolerant:</td>
<td>Yes</td>
<td>Rhody Native™: Yes</td>
</tr>
<tr>
<td>Wet Sites:</td>
<td>No</td>
<td>Status: Concern</td>
</tr>
</tbody>
</table>

Available at:

<table>
<thead>
<tr>
<th>Nursery/Garden Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Moon Farm Perennials</td>
</tr>
<tr>
<td>Chase Farms Inc.</td>
</tr>
<tr>
<td>Evergreen Tree &amp; Landscape</td>
</tr>
<tr>
<td>the Farmer's Daughter</td>
</tr>
<tr>
<td>Pleasant Acres Nursery</td>
</tr>
</tbody>
</table>

Photo Gallery:

... “mmm, I recognize this plant. If you plant some of these, you just might find me (and my beautiful mother) in your garden.”
Blue Moon Farm Perennials

173 Saugatuck Road, Wakefield, RI 02879
Website: www.blueloonfarmperennials.com
Phone: 401-284-2369

Native species in stock (please call to confirm availability):

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adiantum pedatum</td>
<td>northern maidenhair fern</td>
</tr>
<tr>
<td>Andropogon gerardii</td>
<td>big bluestem</td>
</tr>
<tr>
<td>Aquilegia canadensis</td>
<td>red columbine</td>
</tr>
<tr>
<td>Asclepias incarnata var. pulchra</td>
<td>swamp milkweed</td>
</tr>
<tr>
<td>Asclepias purpurascens</td>
<td>purple milkweed</td>
</tr>
<tr>
<td>Asclepias syriaca</td>
<td>common milkweed</td>
</tr>
<tr>
<td>Asclepias tuberosa ssp. tuberosa</td>
<td>butterfly milkweed</td>
</tr>
<tr>
<td>Caltha palustris</td>
<td>marsh-marigold</td>
</tr>
<tr>
<td>Carex pensylvanica</td>
<td>Pennsylvania sedge</td>
</tr>
<tr>
<td>Carex platyphylla</td>
<td>broad-leaved sedge</td>
</tr>
<tr>
<td>Carex stricta</td>
<td>tussock sedge</td>
</tr>
<tr>
<td>Chelone glabra</td>
<td>white turtlehead</td>
</tr>
<tr>
<td>Eupatorium hyssopifolium</td>
<td>hyssop-leaved thoroughwort</td>
</tr>
</tbody>
</table>

Blue Moon Farm Perennials is just one of over 20 nurseries that has begun to list their native plant availability in the guide.
RESOURCES

COMPOST
1. Starting a compost pile
2. Composting with Worms
3. Compost Soil Testing Form
4. Recycling in Rhode Island

GARDEN
1. Nationwide Extension search tool
2. Cornell Extension Gardening
3. Rutgers Extension Gardening
4. NBC10 Plant Pro
5. URI Gardening and Environmental Hotline and Email Service
6. UConn soil testing lab
7. UMass soil testing lab
8. URI Master Gardener Program Project Map

PROTECT YOUR PLANTS
1. URI Plant Protection Clinic
2. Cornell Insect Diagnostic Lab Factsheets
3. Cornell Plant Pathology Vegetable Diseases Factsheets
4. UMASS Introduced Pest Outreach Project Factsheets
5. North Carolina State Insect ID Resource

GROW FOOD
1. RI Planting calendar
2. URI Free Seed Program (Look for an order form each February)
3. NBC10 Plant Pro
4. Food Safety in the Garden + Preservation
5. Food Safety for School + Community Gardens
6. UConn soil testing lab
7. UMass soil testing lab
8. URI Master Gardener Program Project Map
9. Succession Planting for Vegetables

web.uri.edu/ceoc/resources
Like us on Facebook!
Get behind the scenes, participate in contests, stay connected to popular events & when the latest training is taking place!

Follow us on Twitter!
Our favorite place to share tips on gardening, growing food & energy!
twitter.com/urioutreach

Share with us on Instagram!
Our goal is to take pictures of plants, insects, diseases etc. so that you can learn how to ID too!
The **School Garden Initiative** aims to unite teachers, students and families through school garden engagement to increase food access and literacy and connection to the environment, and enhance learning around Common Core and Next Generation Science Standards.

**School Garden Initiative Website (coming soon!):**
- Getting Started
- Best Practices
- Teach in the Garden (curriculum)
- Find Funding
- Talk and Share (message board)
Any Questions?

URI Gardening & Environmental Hotline:
1-800-448-1011
gardener@etal.uri.edu
www.urimastergardeners.org

Sign-Up for Our E-Mail List!
web.uri.edu/ceoc