Spring Affair
Lancaster Event Center, 4100 N. 84th Street in Lincoln
PREVIEW PARTY Meal and Live Music 6-8, Plant Sale 6-9 p.m. April 27
PLANT SALE 9-2 p.m. Saturday, April 28

A love for the land, its people, its plants

Bluebird Nursery celebrates 60 years and the Nebraska Statewide Arboretum 40 years

The Nebraska Statewide Arboretum (NSA for short) was started by a small group of plant lovers who wanted to promote Great Plains horticulture and tree-planting. Their idea was to create a network of local grassroots arboretums that would be accessible and nearby no matter where you were in the state. Through these gardens, they hoped to demonstrate hardy plants and offer education and local beauty within these communities. Forty years later the network of public garden sites has grown to over 100, including small endeavors like the arboretum in Stella, with a population under 500, and huge endeavors like Lauritzen Gardens in Omaha. Each arboretum has its own goals, capacities and neighbors in mind, so they are far from cookie cutter gardens.

As NSA grew, its leaders saw the need to help communities improve their broader landscapes as well. Partners like the Nebraska Environmental Trust have made it possible to fund $9.7 million in landscape efforts statewide with a total value well over $20 million. That is a lot more shade, cleaner water, bird and pollinator habitat and beauty, and this program is still going strong. But our planting efforts have not kept up with canopy loss. The environmental challenges grow along with our communities. Our landscapes cannot just be "pretty," they need to work... filter our water, rejuvenate our soil, provide habitat for pollinators and wildlife and provide respite for all of us. The thing about landscape efforts is that today’s actions really do impact the next 40 years. Next time you walk under a big beautiful tree, say a simple thanks for the tree planter who bestowed that kindness on you. And do some planting for the people who will follow you.

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We are not the only ones celebrating this year. Bluebird Nursery, founded by Harlan and Shirley Hammernik turns 60 years old. This annual Spring Affair event has been made possible because of their willingness to partner and provide high quality plants, many of which are not available elsewhere in the state. Besides the plants listed, look for Bluebird’s Surprises at the sale.

If you care about the world you live in and the world you leave behind, we’re with you. Let’s keep planting, friends!
Christina Hoyt, NSA Executive Director

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LOOK FOR BLUEBIRD’S SURPRISES
marked with “Surprise” signs at the plant sale.

WARNING: There will be a long line before 9 a.m. but it disappears when the doors open.
Checkout inside moves fast. As the day goes on, plants disappear quickly but there’s still good plants at the end of the day.

Spring Affair opens with the Preview Party and plant sale on Friday, April 27. Doors open at 6 p.m. and the plant sale runs from 6-9 but the sit-down meal is served ONLY from 6-8 p.m.

The meal includes a taco bar with Mexican-inspired appetizers and desserts. During the 6-8 p.m. meal, you can enjoy live music and a cash bar.

Nebraska Statewide Arboretum is a nonprofit that works toward sustainable home and community landscapes through initiatives in education, public gardens and the environment.

plantnebraska.org

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Preview Party
Friday, April 27
Sit-down Meal and Live Music 6-8
Plant sale 6-9 p.m.

The evening offers plenty of time to talk to fellow gardeners and leisurely browse tables of perennials, shrubs, trees, grasses, vines and annuals. Plant experts will be available all evening to help you find just the right plant for even the toughest spot.

This annual event serves as an educational tool and a fundraising event for the ongoing growth of the Arboretum’s programs and affiliate gardens.

Purchase tickets online
before April 15

plantnebraska.org/sanews
or send in this order form

Preview Party Order Form

- Tickets @ $42 each for non-members (join now and purchase tickets at the member price below)
- Tickets @ $32 each for NSA Members
- One year membership @ $35 in the Nebraska Statewide Arboretum

I would like to make a donation to benefit the Arboretum’s programs and affiliate sites. Enclosed is my check for $____

Name
Address
City, State, Zip
Telephone
Email

Make checks payable to NSA and send with this form to:
Nebraska Statewide Arboretum
Spring Affair Preview Party
P. O. Box 830964
Lincoln, Nebraska 68583-0694

402-472-2971
arboretum@unl.edu

Free Admission Saturday
Free Parking
**Garden Vendors**

**LINCOLN IRIS SOCIETY**
The Lincoln Iris Society is a group of friendly, enthusiastic people who love and grow irises. They share iris knowledge and information at the monthly meetings and hold an annual iris show and sale to further inform the public about the beauty and pleasure of growing irises. See our ad in this publication for date/location information for the show and sale. Our meetings are held on the last Monday of each month except for May and December. The Lincoln Iris Society currently meets at St. Andrews Lutheran Church, 1015 Lancaster Lane, Lincoln NE. The Lincoln Iris Society is an Affiliate of the American Iris Society (AIS) and is located within Region 21 of the AIS.

**MERISTEM FARM & NURSERY**
Meristem Farm & Nursery is a certified organic farm offering the experience of a charming 1900s farmstead within the metropolitan Omaha area. Our primary emphasis is on the sale of azonia berry plants and value-added products, along with native perennials, bedding plants, succulents, nursery stock and fresh produce.

**NEBRASKA FOREST SERVICE**
The mission of the Nebraska Forest Service is “To enrich the lives of Nebraska’s citizens by protecting, restoring and utilizing Nebraska’s tree and forest resources.” Lots of great handouts on tree health and other related resources. nfs.unl.edu

**NORTHWESTERN IOWA ARBORETUM**
This nonprofit organization has offered more than three decades of service with landscape information, new plants, publications and inspiration to gardeners all across the Great Plains. It has helped make homes and communities more attractive, healthy and vital places to live, work and visit. The Arboretum depends on memberships and donations to carry out its efforts. plantnebraska.org

**ARBORETUM GREENHOUSE**
Specializes in plants for low water use gardens, sustainable landscaping practices, edible and native plants. Plants are unique, hard-to-find selections, ideal for plant collectors or for gardeners wanting unique plants. plantnebraska.org

**UNL HORTICULTURE CLUB**
Students from the UNL Horticulture Club will have a good variety of vegetables for sale at the Friday night Preview Party, but not during the Saturday sale.

**URBAN TRAIL GARDENS**
Visit Urban Trail Gardens for locally grown annuals and perennials, succulents, premium hanging baskets and unique container gardens, as well as a variety of ornamental shrubs and trees. urbantrailgardens.com

**WADDELL & REED FINANCIAL ADVISORS**
Founded in 1937, Waddell & Reed is one of the nation’s leading financial services firms in the U.S. We take your journey seriously and we’ll be there every step of the way. While your financial objectives may be similar to those of others—a secure retirement, saving for college education, building wealth—the approach should be decidedly personal. Understanding your unique financial needs is where financial advisors with Waddell & Reed come in.

Listening: To us, success demands not only a deep understanding of your objectives, but your needs, values, time horizon, risk tolerance and expectations.

Planning: By building personalized plans supported with competitive investment products and dedicated service, we enable you to not only identify goals, but take consistent action to work toward them.

Advising: Our mission, every day, is to help clients at all stages and through the changes that life may bring. Member SIPC 03/18

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**Plant Prices**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3” pot</td>
<td>$3.50</td>
</tr>
<tr>
<td>4” pot</td>
<td>$6.50</td>
</tr>
<tr>
<td>6” pot</td>
<td>$10</td>
</tr>
<tr>
<td>Round gallon pot</td>
<td>$12</td>
</tr>
</tbody>
</table>

Some prices will be slightly higher due to limited availability or higher production costs, but these will be clearly marked.

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**Plant Talk Schedule**

These half hour presentations will be followed by a “walk-about” through the plant sale to highlight recommended plants:

- **10:10-10:30** “Nebraska Native Plants for Birds” by Jason “the Birdnerd” St. Sauver, Spring Creek Prairie Audubon Center
- **11:10-11:30** “Gardening 101: I’ve got my plants, now what?” by Justin Evertson, Green Infrastructure Coordinator for the Nebraska Statewide Arboretum
- **12:10-12:30** “The Guilt-free Garden” by Mark Canney, Park Planner & Designer for Lincoln Parks & Recreation

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**AESTHETICS, INC.**
Aesthetics, Inc. is a landscaping service business dedicated to “helping others create a beautiful environment.” They will have garden art and houseplants on sale at Spring Affair. aesthetics-inc.denton.com

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**EYES OF THE WORLD IMPORTS**
Lincoln’s premier spot for hand picked, high quality, sterling silver jewelry and unique gifts. Our garden section has grown to include garden structure, statues, chimes, pots and fencing. You’ll also find all kinds of home decor items and Lincoln’s finest and most affordable incense. You’ll find us in Lincoln at 1501 South Street, 402-438-0005.

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**GARDEN GALLERY**
The Garden Gallery is a unique boutique filled with unusual annuals, perennials and art! Special events are happening year round in the greenhouse and gallery. At Spring Affair 2017, we will be bringing a variety of uncommon annuals, perennials and fantastic tropica. Our hanging baskets are amazing. One-of-a-kind art created by local artists will be another highlight at our booth. You can find The Garden Gallery on Facebook and follow the blog: the-garden-gallery.blogspot.com

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**JON’S DANCE IN THE WIND IRIS GARDEN**
Don’t let the name fool you as there is much more available besides iris plants. Also offered are daylilies, peonies, tree peonies, hostas and other perennials that will grow well in your Midwest garden. I try to offer the new and unusual. The last couple years, I have imported tree peonies from China to obtain different varieties that you would not usually see in the United States. I grow over 1,000 iris varieties, 500 hosta cultivars, and about 400 different daylilies. My garden is state inspected annually and all plants offered have grown well in my zone 4 garden. I have growing instructions available for anyone who is just getting started. If you have any questions please feel free to stop by my booth at Spring Affair 2017.

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**VISIT THESE VENDORS**
(Photos courtesy Heather Hall Photography)

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**Follow Nebraska Statewide Arboretum on Instagram**
nearboretum
Better Together—
Purposeful Plant Combinations

Waterwise Delight
Bring Nebraska’s lovely scenery into your yard with this perennial garden of prairie stunners that beats the heat and likes it dry.

Scarlet and Cream
Make your landscape shout “Go Big Red” from spring to fall with this mix of flowers fit for the yard of a Husker fan.

Painted Shade
Brighten things up under the canopy with this perennial garden of low-maintenance flowers and foliage.

Tea Time
Brew fresh, home-grown herbal tea all summer long with this mixed garden of citrus, mint and floral flavors.

Trees for a Beautiful Future

ENHANCE your landscape with a variety of trees from Faller Landscape. Their knowledgeable staff can help you select trees that will provide colorful foliage spring, summer and fall.

Call 402-362-2714 today and make them your tree source!

Visit www.nnla.org

Nebraska has 400+ nursery and tree growers and 900+ nursery dealers and landscape contractors

Find a Nebraska-Certified Nursery Professional (NCN) for your next landscaping project
Sale Day Reminders

NOTE: Saturday sale runs 9-2

Please remember that before you get to a cashier, a ticket writer needs to record your plants on a check-out sheet. Grouping your plants by size and price helps speed up the process.

The sale can be very busy and you may have to wait in line to check out. This year there will be an express lane for Nebraska Statewide members.

Plants can be held for you, either before or after you pay them, by leaving them with a plant sitter on the north side of Pavilion 1.

You must show paid receipts for plants and vendor purchases to the door attendant as you exit Pavilion 1. Volunteers will be available to help you carry out your plants.

You can pay for your plants with cash, MasterCard, Visa, Discover, American Express or checks payable to Nebraska Statewide Arboretum (NSA).

To receive an NSA member discount, member identification is required at the checkout.

Bring Boxes and Carts

We strongly recommend bringing your own cart or wagon to carry your plants. If you bring a wagon, please label it so it doesn’t get confused with someone else’s; and don’t leave your wagon unattended.

We also encourage you to bring your own flats or trays to save on waste, although box flats will be available.

Please help us thank these Spring Affair Sponsors

Barcel Landscape Products, Inc.
Minier Family
CABG Patch Arboretum

Papio Valley Nursery, Inc.
Ron & Wanda Kelly
Lincoln Electric System
Union Bank & Trust
Countryside Bank

*Sponsorship opportunities are still available at plantnebraska.org

Thanks to Our Volunteers

The Nebraska Statewide Arboretum wants to thank the 180+ volunteers whose time, knowledge and energy make this sale possible.

Finke Gardens Retail Garden Center Closed

Inventory Clearance Sale
April 27 & 28
May 4 & 5
10 am to 6 pm

50% off perennials, shrubs, succulents, select trees, garden statuary, benches, containers, gardening supplies

Sustainable Landscape Services Since 1987
While Retail is Closing Our Design & Install Company Continues

500 N 66th ST | Lincoln NE 68505 | finkegardens.com

Nebraska Statewide Arboretum
wants to thank the 180+ volunteers
whose time, knowledge and energy
make this sale possible.

To report potential emerald ash borer, contact the Nebraska Department of Agriculture at 402-471-2351.

TO REPORT EMERALD ASH BORER, CONTACT THE NEBRASKA DEPARTMENT OF AGRICULTURE AT 402-471-2351.

P.O. Box 93926 | Lincoln NE 68509-3926 | 402-471-2351 | 402-471-2352 | www.nebraska.egov.com

Buy locally-harvested firewood.
Ask a park ranger or campground host about where to get local firewood when you travel.

If you brought firewood in from another area, BURN IT! Don’t leave it, don’t take it with you.

BUY LOCAL, BURN LOCAL.

To report potential emerald ash borer, contact the Nebraska Department of Agriculture at 402-471-2351.

Frankly speaking, the emerald ash borer, a tree-destroying pest, hitchhikes on firewood and spreads insects and diseases that can destroy our trees. Keep your backyard, campgrounds and favorite places safe from these pests.

PREVENTION IS KEY:

- Buy locally-harvested firewood.
- Ask a park ranger or campground host about where to get local firewood when you travel.
- If you brought firewood in from another area, BURN IT! Don’t leave it, don’t take it with you.
PLANT LIST PAGES 7-10 ARE IN A SEPARATE PDF

THEY WILL BE THE INNER SIGNATURE AND WE WILL BE PRINTING EXTRAS OF THEM TO HANDOUT SEPARATELY
6 Spring Affair
What Our Forests Can Teach Us

To design well with trees we first need to understand the ecosystem that they naturally grow in. There are many different types of forest and savanna ecosystems across the world, all having distinct environments, climates, species and even aesthetic qualities. Nebraska is not exactly known for its forests but we have some interesting forest pockets, primarily made up of deciduous trees.

Forest composition is determined by climate, terrain and availability of light (forest interior vs. forest edge) and of water (upland or lowland). In our region of the world, these elements play a significant factor in both the diversity of species and the aesthetics. Terrain influences moisture availability and microclimates so different plant communities inhabit the low areas (linden, pawpaw, birch) and north and eastern slopes than the more drought-tolerant species, like bar and black oak, which tend to grow on ridge tops and on south- and west-facing slopes.

Proximity to forest edge also influences plant communities. Forest edges occur along areas of disruption such as rivers, creeks, prairie edges, roads and paths. Light is plentiful in these edge environments, which allows for a greater diversity of plant life. Some of the most fascinating elements of the forests that stretch through the Midwest occur along forest edges where prairie plants intermingle. My favorite juxtapositions are where prairie grasses like Indiangrass and little bluestem, and perennials like the sharp yucca, grow right up to forest edge, at times weaving their way in between trunks if the light is sufficient.

Lesson 1: “Right tree, right place.”

While we can’t re-create the forest in our landscapes, we can apply lessons learned from the forest ecosystem to our landscape composition should be influenced by terrain, climate, light and water availability, just as it is in the forest. We have all heard the phrase “Right tree, Right place,” but have you thought about that phrase through a biological lens? There are questions we can ask to help guide us. Is your climate like? What kind of site do you have? Is it protected? Is it wide open? Are there terrain variations which make sloped areas drier and low areas wet? Are there existing trees or other features? How you answer these questions will help guide species selection and overall design.

Lesson 2: Forests contain layers.

Using the concept of forest layers to drive our design helps us create aesthetically pleasing and ecologically functional landscapes. Consider using a mixture of large-growing trees, understory trees, shrubs and herbaceous material.

Lesson 3: Canopy is important.

The forest canopy is comprised of large-growing trees. Regionally it is comprised predominantly of oak (Quercus); Hickory (Carya); Linden (Tilia); ash (Fraxinus); sycamore (Platanus); hackberry (Celtis); and of course our mighty cottonwood (Populus). Heading west, diversity of these species diminishes and gives way to ponderosa pine forest. Heading east into Iowa and southeastern Nebraska, maples become part of the mix. Canopy trees provide protection for the plants growing beneath their branches. Forests are cool environments as a result of the shade and evapotranspiration of leaves. The tall, strong trunks and filtered light are visually interesting. In our landscapes, canopy trees act as a ceiling, give scale to structures, frame views and even act as a screen, depending on the size of the property. Large trees also provide a myriad of other benefits. Placing a large-growing tree on the west and south side of a house provides substantial cooling benefits. Large trees, both evergreen and deciduous, protect from the wind—an especially important function on open and rural properties. When large trees are used in more urban settings, such as street trees, their leaves also capture a substantial amount of stormwater.

Lesson 4: Small trees need protection.

Smaller stunted trees, growing 15-30 feet high, make up the understory of the forest. Here the smaller trees such as redbud, serviceberry and pawpaw thrive in protected, partially-shaded conditions in and among larger trees. Their interesting leaf textures, form and bloom make these spaces change through the seasons. Many ornamental landscape trees, such as magnolia and dogwood that are native to the U.S. but not to Nebraska, grow in these understory environments. Looking at how understory trees naturally grow, it makes sense that they should be used in more protected environments. Their smaller stature visually connects the canopy trees and gives us a more comfortable sense of scale. There are more practical benefits as well. Understory trees, especially those with rounded canopies, low-branching and/or multi-stems, provide visual screening. It is important to note that some of our smaller-growing trees, such as crabapple and Hawthorn, prefer more light and are naturally found in more scrub or edge conditions where light is plentiful.

Lesson 5: In forested areas, trees grow in communities.

The forest is made up of plant communities that include shrubs and herbaceous material. Cottonwood (Syringicarpus) and current (Ribes) are common shrubs in Nebraska woods. One of my favorite understory shrubs, creeping mahonia, grows natively in our ponderosa pine forests, making a dense, deep green mat below the towering straight pine trunks. Sun-loving species such as American plum are found on the forest edge.

Lesson 6: Landscapes are dynamic through the seasons.

From spring ephemerals to the deep rust, yellow and crimson foliage of fall, forests are always changing. A walk through the early spring woods takes careful stepping not to tread on the delicate green foliage rising from the leaf duff. It is here, in the early spring months, when the herbaceous layer of the forest does its magic. Spring ephemerals like Jack-in-the-pulpit, Virginia bluebells and others come to life before the forest layers above them set leaf. They grow, bloom, fruit and go dormant before the dry summer months and dense shade sets in. The same spot a few months later can be a cool and shady refuge in the dog days of summer and by fall falling shadows, pools of light and fall foliage will light up the woods. Landscapes change and we need to embrace these seasonal changes and biological cycles of plants.

Lesson 7: Landscapes change.

Tree growth and disturbance influence the plant communities that can grow underneath them. In nature there are successional plants that over time give way to a more mature and established forest. In the same way, we have to anticipate the future growth of our landscapes as well as current conditions. For example, a common mistake is to plant woodland plants in and among new trees, where the current site conditions are sunny and hot. Instead, we need to plant sun-loving plants and transition them over time to more shade-tolerant plants. In the same vein, perhaps you have very mature shade trees. Are you planting for the future? What happens when there is a “forest disturbance”? Will there be trees to replace these trees or will the plant community need to change?

Lesson 8: No cool-season turfgrasses underfoot.

Once again, we can’t re-create the forest, but we can take some steps that help with the long-term survivability of our trees. None of the trees in forests are surrounded by carefully-clipped cool season grasses. Landscapes are always more successful when you can incorporate trees into larger landscape beds. This gives separation from turfgrass and also allows you to manage the bed differently. Allowing leaf litter to decompose adds organic matter and gives a place for beneficial insects to overwinter.

Lesson 9: Diversity

Not everything in our landscapes needs to be native, but our native forests and prairies give us a rich palette of plants that are adapted to Nebraska’s climate so consider buying trees grown from regionally native seed sources whenever possible. Christina Hoyt, Nebraska Statewide Arboretum Executive Director

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**PLANT FOR THE FUTURE**

**PLANT TREES**

"It's all in the roots..."

Locally collected, native trees, grown in Rootmaker Growbags to promote a fibrous root system.

**MERISTEM FARM & NURSERY**

Where growth happens

Offering native plants and services

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Papillion, Nebraska
(402) 306-4500

www.MeristemFarmAndNursery.com

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**ANNUALS**

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**OPEN DAILY**

10.5 - 7224 MAPLE

Papillion, Nebraska

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NATIVE TREES & SHRUBS FOR CONSERVATION AND LANDSCAPE USE

greatplainsnursery.com

greatplainsnursery.com

**SPRING AFFAIR 9**

7450 John Schram Drive
Papillion, Nebraska
(402) 306-4500

www.MeristemFarmAndNursery.com

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**A walk through any native forest gives clear indications of how to plant and manage trees.**
Creating Habitat for Pollinators

Pollinators need a habitat rich in native food sources, with access to water and shelter and protection from chemicals. This may not sound like your typical Nebraska lawn but creating pollinator habitat doesn’t necessarily mean a complete garden makeover. Here are some simple ways you can make your yard more pollinator-friendly.

Provide Water Sources
Small insects have a difficult time drinking from open water. Some pollinators get most of the liquid they need from drinking nectar while others need a water source. Bird baths or other vessels with a brick or rough rock for landing makes water more accessible for pollinators of all sizes.

Nesting Habitat
It’s easy to think about pollinators in summer when flowers are blooming and bees are buzzing, but what do they do the rest of the year? A few species migrate south for the winter but most are with us year-round and survive the cold temperatures by hibernating as adults (like the bumblebee) or as larvae and eggs. Including space for all types of hibernation is a critical part of creating pollinator habitat.

To provide space for ground-nesting insects like bumblebees and mining bees, simply leave small bare areas. For Carpenter and leaf-cutter bees, leave grasses and hollow-stemmed perennials where they can overwinter. Decaying branches and snags offer shelter for beetles and flies. Butterflies and moths can hibernate as caterpillars in plant debris at the base of grasses and perennials. Delaying garden cleanup until mid-April may help preserve as many nests as possible, and even then you may want to leave 6-12 inches of stem still standing.

Protection from chemicals
Pollinators need chemicals that are safe from their food sources, with access to water and shelter and protection from chemicals. This may not sound like your typical Nebraska lawn but creating pollinator habitat doesn’t necessarily mean a complete garden makeover. Here are some simple ways you can make your yard more pollinator-friendly.

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To provide space for ground-nesting insects like bumblebees and mining bees, simply leave small bare areas. For Carpenter and leaf-cutter bees, leave grasses and hollow-stemmed perennials where they can overwinter. Decaying branches and snags offer shelter for beetles and flies. Butterflies and moths can hibernate as caterpillars in plant debris at the base of grasses and perennials. Delaying garden cleanup until mid-April may help preserve as many nests as possible, and even then you may want to leave 6-12 inches of stem still standing.

Food from Spring to Fall
Native flowers are rich in pollen and nectar. Research shows that native plants are four times more likely to attract adult pollinators than non-natives. In addition, many pollinator larvae feed from only a specific or very narrow range of host plants. So include native plants in your landscaping, especially larval host plants and ones that flower throughout the year. And don’t forget grapes. As well as being part of a balanced garden, native grapes are larval hosts for many species of butterflies, skippers and moths.

Spring-blooming Plants
- Large Beardtongue, Penstemon grandiflorus
- Wild Columbine, Aquilegia canadensis
- Pasque Flower, Pulsatilla patens
- Dwarf Spiderwort, Tradescantia tharpii

Summer-blooming Plants
- Purple Poppy Mallow, Callirhoe involucrata
- Culver’s Root, Veronicastrum virginicum
- Virginia Mountain Mint, Pycnanthemum virginianum
- Rose Milkweed, Asclepias incarnata
- Little Joe Pye, Eupatorium dubium ‘Little Joe’

Fall-blooming Plants
- Aromatic Aster, Symphyotrichum oblongifolium
- Wild Senna, Senna hebecarpa
- Pitcher Sage, Salvia azurea

Grasses
- Indiangrass, Sorghastrum nutans
- Little Bluestem, Schizachyrium scoparium
- Blue Grama, Bouteloua gracilis

Personalized Bloom Box
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- 24 plants for an 10x10’ garden
- Weed Shield PlantPack, 36 low-growing
- For schools, plants tailored for learning

plantnebraska.org/bloom-box

Photos top to bottom, left to right: Monarchs on milkweed; coreopsis moth; signage may help protect plantings from chemicals; sulfur on pitcher sage.

Sarah Buckley, Bloom Box Program Coordinator
Plants grow and change, just like you

My mission is to help you at all stages and through the changes that life may bring. Contact me to discuss your personal financial plan.

Deanna Sporhase
MBA
Financial Advisor
WADDELL & REED
209 East E Street
Elmwood, NE 68349
Office 402-994-2233
sporhase30753@wradvisors.com

Name Your Challenge

Native plants can handle some of the most challenging landscape problems:

**Low spots or wet spots.** Deep-rooted native or prairie plants can usually withstand extremes of wet to dry moisture better than most landscape plants.

**Dry spots surrounded by hardscapes.** Native plants need a minimum of watering and maintenance.

**Dry shade under trees.** Root competition can be troublesome under trees, but there are plants that can take it.

Tall Plants for the Back Border

Plants can vary greatly in height due to site, soil, exposure and other factors, but the plants listed below are likely to grow higher than 3 feet. Descriptions can be found in the lists noted at top.

**GRASSES**
- Andropogon, 5'
- Calamagrostis, 3-5'
- Eragrostis trichodes, 3'
- Miscanthus, 3-4'
- Panicum, 4-5'
- Schizachyrium scoparium, 2-4'
- Sorghastrum nutans, 3-4'
- Spodiopogon sibiricus, 3-4'

**HERBS**
- Coriandrum sativum, 3'
- Laurus nobilis, 2-3'
- Rosmarinus, 2-3'
- Senna hebecarpa, 2-5'
- Thalictrum, 3-5'
- Weigela, 2-5'

**PERENNIALS, full sun**
- Acanthus, 3-4'
- Achillea, 3-4'
- Aconitum, 2-5'
- Aster, 3-4'
- Baptisia lutea, 36-48''
- Buddleja, 3-7'
- Centranthus ruber, 2-3'
- Echium, 3-4'
- Eupatorium dubium, 3-4'
- Filipendula, 3-4'
- Foxglove, 3-5'
- Lathyrus, 3-5' (optional)
- Lychnis, 2-3'
- Myrrhis, 2-3'
- Papaver orientale, 2-3'
- Penstemon, 2-3'
- Persicaria, 2-4'
- Philadelphus microphyllus, 2-3'
- Phlox, 2-3'
- Rhabdite, 4'
- Rudbeckia fulgida, 3-4'
- Senna hebecarpa, 2-3'
- Silene regia, 3-4'
- Solidago, 3-4'

**PERENNIALS, part shade**
- Aconitum, 2-5'
- Calliopyris dichotoma, 3-5'
- Chelone glabra ‘Black Ace’, 3-6'
- Clematis vines 6-10 ft.
- Delphinium, 3-5'
- Filipendula, 3-5'
- Ligularia, 4-5'
- Lobelia, 3-4'
- Lonicer, 8'
- Lysimachia, 2-3'
- Monarda, 3-4'
- Thalictrum, 2-5'
- Weigela, 6'

Plants for Tough Spots

One of the challenges of gardening can be dealing with shade, particularly dry shade under the canopy of trees where rainwater is deflected away and plants need to compete for moisture, root space, nutrients, even airflow. Narrow spaces between buildings or under north-facing eaves offer the same challenge.

Below is a list of plants that can thrive in shade or part shade in areas with minimal moisture. But keep in mind that, like any plant, they need to be well-watered the first several years until their roots are well-established.

**Aegina**
- Asclepias, Lady’s mantle
- Aconitum, Columbine (opposite, top)
- Bergenia
- Brunnera
- Convallaria
- Corydalis (opposite, middle)
- Dicentra, Bleeding heart
- Digitalis, Foxglove
- Geranium (perennial)
- Helleborus, Lenten rose (opposite)
- Heuchera, Coral bells
- Hosta
- Laminaria
- Liriope
- Pachysandra
- Polygonatum, Solomon’s seal
- Thalictrum, Meadow rue
- Vinca minor, Periwinkle
- Waldsteinia, Barren strawberry

Name Your Challenge

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**Dry spots surrounded by hardscapes.** Native plants need a minimum of watering and maintenance.

**Dry shade under trees.** Root competition can be troublesome under trees, but there are plants that can take it.

**HERBS**
- Chelone glabra, 3-4'
- Callicarpa dichotoma, 3-4'
- Aconitum, 2-5'
- Solidago, 3-4'
- Silene regia, 3-4'
- Senna hebecarpa, 2-3'
- Rudbeckia fulgida, 3-4'

**PERENNIALS, part shade**
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- Lobelia, 3-4'
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- Monarda, 3-4'
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Plants for Dry Shade

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April 21  Tree Climb, Omaha’s Elmwood Park  
April 27-28  SPRING AFFAIR, Lancaster Event Center  

**PLANT SALES at NSA Shadehouse, 38th & Leighton, unless noted**
- May 4 — Member Plant Sale & Ice Cream Social 4-7pm  
- May 5 — Spring Plant Sale 9am to 1pm  
- May 12 — Plant Sale at Fontenelle Forest in Omaha  
- May 18 and 25 — Friday afternoon plant sales 12-4:30pm  
- June 1, 8, 15, 22 & 29 — Friday afternoon plant sales 12-4:30pm  

FREE Brownbags at Jane Snyder Trails Center, 228 N 21 St., Lincoln
- April 5 — Planting and Design  
- May 3 — Permaculture: Holistic Landscapes  
- June 1 — Wildflowers for Home Landscapes  

*DATES, EVENTS and topics may change...  
Check calendar updates at plantnebraska.org  

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