Noco Bloot SPRING 2018



LARIMER COUNTY

COLORADO STATE UNIVERSITY

THE GARDENS
ON SPRING CREEK



Fort Collins

ADD DRAMA WITH CONTAINERS

THE EASE OF **SMART** WATERING

FIND YOUR **FARMERS**' **MARKET**



COLORADO STATE UNIVERSITY

Horticulture and Landscape Architecture 301 University Ave.
Fort Collins, CO 80523-1173
Bldg. Shepardson 111
970-491-7019
hortla.agsci.colostate.edu

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CSU EXTENSION IN LARIMER COUNTY

1525 Blue Spruce Dr. Fort Collins, CO 80524-2004 970-498-6000 larimer.org/ext €1



THE GARDENS ON SPRING CREEK CITY OF FORT COLLINS

2145 Centre Ave.
Fort Collins, CO 80526
970-416-2486
fcgov.com/gardens





NoCo&Bloom

PLEASE NOTE: If you are a gardener needing help and live in Weld County, visit the Weld Extension Office at weldgov.com/departments/csu_extension or call directly to 970-400-2066 for assistance.

We want to hear from you! For inquiries, please contact Korrie Johnston (*kjohnston@fcgov.com*) at the Gardens on Spring Creek.

THE PERFECT POP

Gardeners are rejoicing, plants are sprouting, and flowers and trees are blooming again. It must be May! This year's growing season has officially begun. In this issue, we are taking a dive into smaller garden spaces and patio containers. It is a rite of spring to start your seeds, get out your flower pots, and dream up a design to reap bountiful benefits the rest of the year.

This month, we are looking at dos & don'ts and maintenance tips for containers, along with how to stylistically design a container with emphasis on form, texture, and unique features. In addition, we'll be giving you new, smart irrigation technologies, recommendations for hypertufa, and small garden plants with big impact.

Brought to you by Colorado State University's Department of Horticulture & Landscape Architecture, the Gardens on Spring Creek and CSU Extension in Larimer County, NoCo Bloom brings together inspiring and useful gardening information for northern Colorado. Here's to getting our hands dirty this spring! **

Korrie Johnston Editor, NoCo Bloom

Dr. Jessica G. Davis *HLA Department Head Colorado State University*

Dr. Alison O'Connor *Horticulture Extension Agent CSU Extension in Larimer County*

Michelle Provaznik *Executive Director The Gardens on Spring Creek*



KNOW YOUR **CONTAINER** VITALS

Alison O'Connor, Horticulture Agent, CSU Extension in Larimer County



The possibilities are endless when it comes to selecting a pot for your flowers or vegetables—clay, plastic, wooden, ceramic, glazed, recycled. Regardless

of what type you pick, here are some rules of the road for container success.

CONTAINER DON'TS

- Avoid containers that once held toxic substances like paint or pesticides.
- Leaving porous containers outside during winter can result in cracking and breaking.



 Don't gloss over practicality, a children's plastic swimming pool can work great for shallow-rooted vegetables.

CONTAINER

DOS

- All containers must have a drainage hole to avoid soggy roots.
- The size must support the mature growth of the plants.
- Consider lightweight pots because they are easier to move.
- Stability is important; the pot should not tip over in wind.
- Be creative! If you can add a drainage hole, it's ready for plants.
- Fill the bottom of large containers with plastic pots or Styrofoam packing peanuts, but leave enough room for the plant roots (at least 12" depth).
- Consider your budget and overall garden design when selecting containers.

may events

FORT COLLINS

Colorado Master Gardener & Food Safety Booth,

Every Saturday at the Larimer County Farmers' Market, 200 W. Oak St, Free entry, larimercountyfarmersmarket.org

Colorado Master Gardener Office Hours,

Every Monday, Wednesday & Friday morning, CSU Extension in Larimer County, 1525 Blue Spruce Dr, Free, colostate.edu/Depts/CoopExt/Larimer

Read and Seed, Every Monday & Tuesday, Gardens on Spring Creek, 2145 Centre Ave, Fort Collins, \$3, fcgov.com/gardens

May 12-13 - **Spring Plant Sale**, Gardens on Spring Creek, 2145 Centre Ave, Free admission, fcgov.com/gardens

May 19 - **Growing Food 101: Grow a Thriving Food Garden**, Gardens on Spring Creek, 2145 Centre Ave, \$18, fcgov.com/gardens

May 19 - **Opening Day and Armed Forces Day,** Larimer County Farmers' Market, 200 W. Oak St, Free, *larimercountyfarmersmarket.org*

May 23 - **Compost Tea 101**, The Burrow, 1502 N. Shields St, \$10 only via website/email, *thegrowingproject.org*

May 26 - **Music at the Farmers' Market with Cactus Cat**, Larimer County Farmers' Market, 200 W. Oak St, Free, *larimercountyfarmersmarket.org*

May 26 - **Urban Garden Workshop**, Gulley Greenhouse, 6029 South Shields St, \$45, gulleygreenhouse.com/event/urban-garden

May 31 - **Habitat Hero: Wildscaping 101**, Lory State Park Visitor Center, 708 N. Co. Rd 25G, Bellvue, Free, *brownpapertickets.com/event/3373710*

CALENDAR COORDINATOR

Kathleen Atkins, Master Gardener Colorado State University Extension Please submit your gardening classes & events to nocobloomevents@gmail.com.



may events

ESTES PARK, BERTHOUD, LOVELAND & WINDSOR

May 12 - **Berthoud Historical Society Garden Group Spring Festival and Plant Sale**, Little Thompson Valley
Pioneer Museum Courtyard, 224 Mountain Ave, Free
admission, *berthoudhistoricalsociety.org/gardengroup*

May 12 - **Bird Walk**, High Plains Environmental Center, 2968 Bluestem Willow Dr, Loveland, Free, *suburbitat.org*

May 12 - Loveland Garden Club Plant Sale Antique & Artisan Market, All Saints Episcopal Church, 3448 N. Taft Ave, Free admission, *lovelandgardenclub.com*

May 14 - **Tour of Treasure Island Demonstration Garden in Windsor**, Treasure Island Demonstration Garden, 13500 Laku Lake Rd, Free, *windsorgov.com*

May 15 - **Drip Irrigation for Home Gardens**, Estes Valley Community Center, 660 Community Dr, Estes Park, Free registration required, *colorado.gov/pacific/evrpd/programs-4*

May 16 - **Club Potluck**, Loveland Garden Club, All Saints Episcopal Church, 3448 N. Taft Ave, Free, *lovelandgardenclub.com*

May 17 - **Northern Co Beekeepers Association: Swarm Management**, Larimer Co Ranch, McKee Building, 5280 Arena Cir, \$5, non-members, nocobees.org

May 17 - **Spring Tomato & Plant Sale**, Loveland Youth Gardeners, 907 S. Lincoln Ave, Free admission, *lovelandyouthgardeners.org/special-events*

May 19 - **Beekeeping Course: Mite Checks**, High Plains Environmental Center, 2968 Bluestem Willow Dr, Loveland \$40, suburbitat.org

May 26 - **Wildlife Rehabilitation Presentation**, High Plains Environmental Center, 2968 Bluestem Willow Dr, Loveland, Free, *suburbitat.org*

june events

FORT COLLINS

Jun 2-17 - **Butterfly Pavilion**, Gulley Greenhouse, 6029 South Shields St, Free, gulleygreenhouse.com/event/butterfly-pavilion-2

Jun 2 - Science Saturday with the Gillette Entomology Club, Larimer County Farmers' Market, 200 W. Oak St, Free, larimercountyfarmersmarket.org

Jun 3 - **Open Streets**, East Central Fort Collins, Free, fcgov.com/openstreets

SMART WATERING Made Easier

Tony Koski, Turf Specialist CSU Department of Horticulture & Landscape Architecture



Let's face it: it takes time, thought, and work to water your lawn, trees, and gardens efficiently. It's too easy to "set and forget" the irrigation controller and let it do its thing all year —maybe not touching or changing settings for years. While this approach is easy, it doesn't usually lead to the level of water savings that is possible—and desired—for our landscapes. But new irrigation

technology is making it easier to keep your landscapes green and healthy while using less water—all without having to think about it every day.

The Rachio irrigation controller (rachio. com) is an exciting example of user-friendly technology that will make watering easier, efficient and—if you are a technology geek—more fun! This controller integrates real-time weather with your landscape's information to determine when to water and how much water to apply. The controller can even detect and tell you about



irrigation problems like leaks or blockages in your system. If it is raining or below freezing, the controller will prevent your system from operating. The Rachio can work with "smart" home technology—like Alexa, SmartThings, and Nest. Rachio's smart phone app lets you monitor and control your irrigation system remotely. Even better, Rachio is headquartered in Colorado and manufactures its systems here. Also, most Front Range cities offer rebates to help offset the cost in installing a smart controller (for example, Fort Collins offers a \$100 rebate if you switch to a Rachio controller).

Remember, a new controller can't fix broken, crooked, plugged or low heads in the lawn, or repair damaged drip tubing or missing emitters in your beds. It's best practice to do some spring maintenance on your irrigation system to fix these problems before investing in a new controller.

If you are City of Fort Collins water customer and need information on rebates or to schedule an audit visit fcgov.com/sprinkler-audits.

To schedule a visit by CSU Extension to diagnose lawn problems, visit *lawncheck.colostate.edu* or call the Larimer County Extension office at 970-498-6000.



FORT COLLINS

WEDNESDAYS

Fort Collins Farmers' Market*

10 a.m. – 2 p.m. June 13 to September 26 Harmony & Lemay fortcollinsfm.com

SATURDAYS

Larimer County Farmers' Market*

8 a.m. – noon May 19 to October 27 200 W. Oak St, Downtown *larimercountyfarmersmarket.org*

SATURDAYS

Drake Road Farmers' Market*

10 a.m. – 1 p.m. April 21 to October 13 802 W. Drake Rd. *drakeroadfarmersmarket.com*

SUNDAYS

Fort Collins Farmers' Market*

10 a.m. – 2 p.m. May 6 to November 11 Harmony & Lemay fortcollinsfm.com

LOVELAND & BERTHOUD

TUESDAYS

Loveland Farmers' Market*

Visit fortcollinsfm.com for times and dates

SATURDAYS

Berthoud Local Farmers' Market

Saturdays, 9 a.m. – 1 p.m. June 23 to September 29 Fickel Park berthoudlocal.org

SUNDAYS

City of Loveland Farmers' Market*

9 a.m. – 1:30 p.m. June 24 to September 23 700 S. Railroad Ave. cityofloveland.org/farmersmarket



ESTES PARK

THURSDAYS

Estes Valley Farmers' Market

Thursdays, 8 a.m. – 1 p.m. June 7 to September 27 Bond Park, E. Elkhorn Ave.

WINDSOR

SATURDAYS

Windsor Farmers' Market*

9 a.m. – 1 p.m. June 23 to September 29 Boardwalk Park windsorgov.com/farmersmarket

WELLINGTON

THURSDAYS

Wellington Farmers' Market

9:30 a.m. to 1:30 p.m. June 2 to October 28 3815 Harrison Ave wellingtoncofarmersmarket.org

*accepts SNAP benefits

june events

FORT COLLINS

Jun 5 - Twilight Garden Series: Positively Pleasing
Perennials, CSU Annual Trial Gardens, 1401 Remington St,
\$10 each/\$25 for all 3, hortla.agsci.colostate.edu

Jun 9 - **Habitat Hero Garden Tour**, check-in at Gardens on Spring Creek, 2145 Centre Ave. plus gardens around Fort Collins, \$20 and \$25, brownpapertickets.com/event/3333540

Jun 9 - **Knit in Public Day**, Larimer County Farmers' Market, 200 W. Oak St, Free, *larimercountyfarmersmarket.org*

Jun 9 - Zen Butterfly Fairy Garden,

Gulley Greenhouse, 6029 South Shields St, \$30, gulleygreenhouse.com/event/zen-garden

Jun 11-15 - **Colorful Colorado Summer Camp** (half day), Gardens on Spring Creek, 2145 Centre Ave, \$135, fcgov.com/gardens

Jun 12 - **Twilight Garden Series: Uninvited Garden Guests**, CSU Annual Trial Gardens, 1401 Remington St, \$10 each/\$25 for all 3, *hortla.agsci.colostate.edu*

Jun 14 - Rock Garden Concert

(benefit for Project Self-Sufficiency), Fort Collins Nursery, 2121 E. Mulberry St., \$15, fortcollinsnursery.com

Jun 16 - **Family Yoga in the Gardens**, Gardens on Spring Creek, 2145 Centre Ave, \$10 per child/adults free, fcgov.com/gardens

Jun 16 - Free Property Tour,

Gulley Greenhouse, 6029 South Shields St, Free, gulleygreenhouse.com/event/Jun-property-tour

Jun 16 - Health & Wellness Day,

Larimer County Farmers' Market, 200 W. Oak St, Free, *larimercountyfarmersmarket.org*

Jun 16 - **Xeriscape Garden Party**, City Hall parking lot, 300 Laporte Ave, Free, *fcgov.com/gardenparty*

Jun 17 - Father's Day FREE Tree Planting Sale,

Fort Collins Nursery, 2121 E. Mulberry St, Free admission, fortcollinsnursery.com

Jun 17 - **Miniature Gardening Class**, Fort Collins Nursery, 2121 E. Mulberry St, \$40, *fortcollinsnursery.com*

Jun 18-24 - **National Pollinator Week**, Gardens on Spring Creek, 2145 Centre Ave, Free entry, *fcgov.com/gardens*

Jun 19 - Twilight Garden Series: Eat and Grow with Us!, Gardens on Spring Creek, 2145 Centre Ave, \$10 each/\$25 for all 3, hortla.agsci.colostate.edu





Whether you create your container in color theory, 'thriller, filler, spiller' or 'odd numbers,' the most impactful garden containers always include texture or form, adding design and drama to even the smallest space.

LARGE & LOVELY

For plant health and ease of watering, utilize larger containers that hold more soil. Keep in mind larger containers are heavier and need extra muscle to move. If your budget allows, obtain striking containers that have a beautiful color, surface pattern, or shape. Avoid containers that have a narrow neck if you want to put plants in them—you'll be thankful later.

GROUP BY COLOR OR MATERIAL

You can create a dynamic container with a cottagegarden-like tangle of many plants in one container, or by clustering containers that are unified in color or material. Groups of three to five containers allows you to rearrange your look as well as change the content of one container as plant health withers or the seasons change.

Clustered containers allow you to grow one plant very large and lush in each pot. One major downside to growing lots of plants in the same container is competition, and if one favorite plant fails, you really can't insert another one in among the tangle of stems and roots.

STRIKE A POSE

When selecting your plant palette, start with one main striking plant that the rest of your composition will support. Aim to use a plant that has a pleasant foliage texture or an impactful form. Then, think visual contrast when it comes to companions for that main plant. Juxtapose fine foliage with coarse leaves or globular plants with tall, linear ones.

ADD FLAIR

Consider inserting non-plants into your container designs. Paint a vertical trellis a bold color and place in a container for visual interest or to add height to your design. Nestle a rustic lantern, pumpkin, grape vine ball among the plants to add visual contrast or theme.

Remember, container gardens evolve over time, so editing is important to keep them looking their best. Pinch back elongated stems, rotate pots so they don't lean awkwardly for light, deadhead spent flowers and pull out bullying plants. Move your containers around to make your patio, front steps or balcony fresh and interesting month-to-month. §



Jamie Burghardt Operations and Horticulture Manager, Gardens on Spring Creek

june events

FORT COLLINS

Jun 23 - **Fort Collins in Bloom 2018**, Landings Neighborhood in southeast Fort Collins, \$20, VIP \$35, *jlfortcollins.org/junior-league-garden-tour*

Jun 23 - **Read & Seed at the Market**, Larimer County Farmers' Market, 200 W. Oak St, Free, *larimercountyfarmersmarket.org*

Jun 23-24 - **Hypertufa Hands Workshop**, Gulley Greenhouse, 6029 South Shields St, \$45, gulleygreenhouse.com/event/hypertufa-hands

Jun 26 - **Watershed Bus Tour**, meet at Utilities Administration Building, 222 Laporte Ave, Free, fcgov.com/watershedtours

Jun 28 - **Rock Garden Concert** (benefit for The Matthews House), Fort Collins Nursery, 2121 E. Mulberry St, \$15, fortcollinsnursery.com

Jun 30 - **Botanical Sun Printed Silk Scarves**, Gulley Greenhouse, 6029 South Shields St, \$30, gulleygreenhouse.com/event/sun-print-scarves

Jun 30 - Music at the Farmers' Market with Once Upon a Tune, 200 W. Oak St, Free, larimercountyfarmersmarket.org

LOVELAND

Jun 10 - **Beekeeping Course: Moving Honeybees**, High Plains Environmental Center, 2968 Bluestem Willow Dr, Loveland, Free, *suburbitat.org*

Jun 16 - **Nature Journaling**, High Plains Environmental Center, 2968 Bluestem Willow Dr, Loveland, Free, *suburbitat.org*

Jun 18 - Elegant, Functional Gardens of Mariana Springs, benefiting Loveland Youth Gardeners, Loveland Garden Tour & Art Show, \$18 (\$15 in advance) children under 12 free, lovelandyouthgardeners.org/loveland-garden-tour

Jun 20 - **Member's Garden Tour**, Loveland Garden Club, All Saints Episcopal Church, 3448 N. Taft Ave, Free, *lovelandgardenclub.com*

Jun 21 - Northern Co Beekeepers Association: Staying Ahead of the Colonies, Larimer Co Ranch, McKee Building, 5280 Arena Cir, \$5, non-members, nocobees.org

SMALL SIZE

BIG IMPACT



Sherry Fuller, Curator, Gardens on Spring Creek

Many commonly used plants feel overwhelming in today's small yards. For a smaller shade tree, consider bigtooth maple. Growing 30-40' tall, it is drought tolerant, native and has beautiful red to yellow fall

color. Suckerpunch chokecherry is a variety of our native with white flowers, berries and purple foliage but no annoying suckers. Smaller shrubs include Baby Blue rabbitbrush, dwarf forsythia, and sem ash leaf spirea.

Columnar plants can be very useful along fence lines, providing screening. Standing Ovation serviceberry is a tall, narrow version of a native with white flowers in spring, edible fruit and great fall color. Tannenbaum mugo pine is shaped like a Christmas tree, growing 12-15' tall and only 5-6' wide. Others are Orange Rocket barberry, weeping white spruce, and Woodward columnar juniper.

Choose perennials with long bloom times or several seasons of interest. Many varieties of coreopsis, including Red Satin and Mercury Rising are sterile, so they produce flowers all summer with no deadheading. Alpine strawberries have white flowers, don't produce runners, and have excellent, tiny fruits. Corsican violets are short-lived but reseed and bloom all spring and often repeat in fall. \$\frac{\pi}{2}\$









May 12-13

GARDENS ON SPRING CREEK 2145 CENTRE AVENUE

The sale of the year is back! We have just what you need to grow a beautiful landscape, bountiful veggie garden, and lively containers. Staff and volunteers from The Gardens and students from CSU and FRCC have cultivated thousands of annuals, perennials, herbs, and veggie starts for your garden. Proceeds benefit all three organizations. Remember to bring your own box to carry your plants home! Visit fcgov.com/gardens for a complete list of available plants.

PUBLIC HOURS: SATURDAY, MAY 12, 9 A.M. - 4 P.M. and SUNDAY, MAY 13, NOON - 5 P.M.

Keep Your Blooms



Khursheed Mama, Colorado State University Extension Master Gardener in Larimer County

For flowering plants, vegetables and herbs, make sure your containers receive 8-10 hours

of sun per day. If you have mostly shade, try begonias, coleus, and impatiens.

Containers must be watered regularly, sometimes twice a day. Size and composition of the container can also affect needs. Watering systems (wicks, reservoirs and automated timers) are available if hand watering proves challenging. Container plants benefit from fertilization to restore nutrients leached during irrigation. Use a slow release fertilizer at planting and add a liquid feed fertilizer throughout summer and watch the blooms boom all summer. Deadheading and removing debris throughout the season is a must. Stake plants as needed. For more information, visit extension.colostate.edu. §



FORT COLLINS

Jul 7 - **Dinosaur Dig Miniature Garden Workshop**, Gulley Greenhouse, 6029 S. Shields St, \$30, gulleygreenhouse.com/event/dinosaur-dig-2

Jul 7 - Music at the Farmers' Market with Roy G. Biv, 200 W. Oak St. Free, larimercountyfarmersmarket.org

july events

Jul 11 - **Perennial Vegetables Workshop**, The Growing Project Garden at The Burrow, 1502 N. Shields St, \$10 only via website/email, *thegrowingproject.org*

Jul 12 - **Rock Garden Concert** (benefit concert), Fort Collins Nursery, 2121 E. Mulberry St, \$15, fortcollinsnursery.com

LOVELAND

Jul 10 - LWP Community Stewardship Lecture Series: Foothills Solar Tour, West 29th St. & Rio Blanco Ave, Free, *cityofloveland.org/LWPlectures*



Hardy **Hypertufa**

Kelly Kellow, Horticulturist, Gardens on Spring Creek



Hypertufa is an anthropic rock made from various aggregates bonded together with cement. Hypertufa is lighter than traditional concrete and can withstand harsh winters.

Hypertufas are great for bringing rock garden plants to your patio or nestled into

your garden. While there are plenty of plants for troughs, *Phemeranthus calycinum (Talinum)* or Fame Flower is a hardy succulent that is just dazzling.



Fame Flower thrives in the hot sun, is drought tolerant, and can endure poor soils—making it perfect for any hypertufa. It will happily re-seed, colonizing itself into a beautiful display. You will get a display of quarter sized roseviolet flowers on top of almost invisible thread-like stems that open in the afternoon. From early

summer to fall, you can enjoy exuberant clouds of flowers. 🕏





WATER USE Q&A

To Get to the Root, DRIP DELIVERS!



Katie Collins, Water Conservation Coordinator, Fort Collins Utilities

Drip delivers! Plants in our climate only need water at the root—and drip irrigation is the most efficient way to keep your flowers,

veggies, perennials and shrubs hydrated all summer.

Q: WHAT EQUIPMENT SHOULD I USE?

A: In an area with a variety of plants and spacing, use point-source drip irrigation. Install emitters based on the size of each plant and its individual water requirement. Emitters come in a variety of flow rates. Most landscape plants will need emitters in the 0.5 to 2.0 gallon per hour range. Do you have groundcovers? Use microsprays to water the root zone of low-growing plants. Densely-planted annual or veggie plants are easily watered by snaking an inline dripper hose through the beds.

Q: HOW OFTEN SHOULD I TURN ON MY DRIPLINE?

A: That's a question for your personal landscape needs. Don't assume your plants and soil need water every Thursday at 8 p.m. Irrigate based on the plant's water needs. Once established, most drought-tolerant plants can be watered biweekly or even less.

Q: I COULD USE A DRIPLINE BUT DON'T HAVE AN AUTOMATIC IRRIGATION SYSTEM. ANY ADVICE?

A: Resist the urge to install a manual dripline on your hose spigot. It's a recipe for a water-wasting disaster. Find a spigot timer at the hardware store and thread on a drip hose. When your landscape needs water, turn on the spigot, and program a run time. Presto! You have an automatic system. \$\frac{1}{2}\$





TIPS FOR

SPRING SPRINKLER START UP

1. TURN ON YOUR SYSTEM AFTER MAY 15.

With the backflow valves closed, slowly turn on the main water supply. Next, slowly open the backflow valves to prevent damage to your irrigation line.

2. CYCLE & ADJUST.

Cycle each zone for 2–3 minutes. Adjust heads to not spray sidewalks, patios or fences.

3. QUALITY CHECK.

Check for breaks or clogs that can cause geysers, soggy grass or low water flow.

4. NEED MORE HELP?

Sign up for a FREE sprinkler audit, and learn how to make adjustments, identify leaks and set an efficient schedule, fcgov.com/sprinkler-audit.

HOT TIP! Set your controller to water your grass no more than three days per week during the hottest summer months.

Visit *fcgov.com/water-smart* for more tips to keep your system running smoothly all summer long.

