



The Baker Bulletin

A
Baker County
Extension
Service Monthly
Newsletter

Baker County Extension Service

1025 W. Macclenny Ave.
Macclenny, FL 32063

Phone: (904) 259-3520

Email: baker@ifas.ufl.edu

Hours: M—F 8:30am to 5:00pm
(Closed Noon to 1:00pm for Lunch)

County Agents

Alicia Lamborn
Horticulture Agent

Shaina Spann
4-H Youth Development Agent

Alicia Halbritter
Agriculture & Natural Resources Agent

Dear Extension Friends,

We hope you'll come out to see us and interact with our agriculture sensory station at the County Fair, September 13-21. And don't forget to join us on September 6th for our Vegetable Gardening Class which comes with many cool season veggie seeds to get your fall garden started. Strawberry plants will also arrive next month. See page 6 for details and call to reserve your plants today before they run out!

Sincerely,

Alicia Lamborn
County Director / Horticulture Agent
UF/IFAS Extension Baker County



[http://
baker.ifas.ufl.edu](http://baker.ifas.ufl.edu)



[http://
blogs.ifas.ufl.edu/bakerco](http://blogs.ifas.ufl.edu/bakerco)



[Baker County Garden Spot](#)
[Baker County 4-H](#)



Search "Baker County
4-H" in your app store

Upcoming Classes & Events

- Sept 6** **Fall Vegetable Gardening, 10:00 a.m. to 11:30 a.m., Baker County Extension Office.** Learn basic gardening techniques for a successful vegetable gardening experience. Other topics will include raised bed gardening, growing organically, and tips for growing your favorite fall veggies. Plus take home a seed variety pack of broccoli, cabbage, carrots, collards, kale, lettuce, and radish. **\$10 per person; register at the office or online at: <https://fall-vegetable-garden-class.eventbrite.com>**
- Sept 17** **Irrigating Wisely in Florida's Agriculture, 3:00 p.m. to 5:30 p.m., Brown's Farm, 18120 NE State Road 26, Hawthorne, FL 32640.** This FREE workshop will cover water saving technologies and how to access funding to improve irrigation management for your farm. **Register by Sept 12 at <https://tinyurl.com/y6gkg5ce> or 352.955.2402**
- Oct 12** **Farm to Family Beef Basics, 11:00 a.m. to 1 p.m., Baker County Extension Office.** Limited spaces available. Bring the kids to this family friendly program and learn about the beef industry, cutting basics and safety, grilling techniques, plus more! Learn from Meat Science Expert, Dr. Chad Carr from UF and enjoy some delicious taste testing! (Lunch Provided) **\$20 per pair. Register here: <https://farmtofamilybeef.eventbrite.com>**

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Highlights in Horticulture

By:
Alicia Lamborn,
Horticulture Agent



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September Gardening Tips

Flowers

- Divide clumping perennial plants like daylily and amaryllis if they have become overcrowded. This will improve flowering and plant quality.
- Annual flowers that thrive in the heat can only be expected to grow until first frost. Consider waiting until October when cool season annuals can be planted for a fresh splash of color.

Trees & Shrubs

- Minimize pruning on spring flowering shrubs and trees by removing only broken, damaged, or rubbing branches. Heavy pruning or shearing this late in the year will reduce the number of blooms next spring.
- Don't overprune palm trees – remove dead leaves and flower/fruit stalks only. A properly pruned palm should have a round canopy, not a feather-duster crown.
- Scout ornamental plants for pests like scale, grasshoppers, caterpillars, and whiteflies. If treatment is needed, treat only the affected area and use a product that targets the pests and not your beneficial insects (like insecticidal soaps, horticultural oils, neem and Bt).

Lawns

- Winterize your lawn by mid-September using a fertilizer product containing equal amounts of nitrogen and potassium and no more than 2% phosphorus (15-0-15, 18-2-18). Check the label to determine the appropriate amount to apply or go to <http://edis.ifas.ufl.edu/ep236>.
- Hand pull perennial weeds that have started setting seed. Chemicals are generally less effective at this later stage of development.
- If winter weeds were a problem last year, get ready to treat problematic areas with a pre-emergent herbicide beginning in early October with air temperatures reach 65-70°F for 4-5 consecutive days. The cooler weather triggers weed seed germination and applying a product (weed-n-feed) this month will be ineffective.

Vegetables & Herbs

- Prepare the fall vegetable garden and begin planting cool season crops. Using transplants from a local garden center will get the garden off to a fast start, but seeds offer more varieties to choose from. For a list of Florida-proven performers, See Vegetable Gardening in Florida: http://edis.ifas.ufl.edu/topic_vegetable_gardening



Kohlrabi is the strange looking cousin of the cabbage family. But don't let that deter you from growing it in your garden. Both bulb and greens can be prepared a variety of tasty ways!

- Herbs that can be planted this month include: basil, lemon balm, chives, fennel, sage, oregano and thyme. For more information on herbs, see: https://edis.ifas.ufl.edu/topic_herbs

2019 Baker County Fair Horticulture Showcase

Superintendent: Dr. Kyle Brown
Chairperson: Cindy Jenkins 259-9517

CONTEST RULES

1. Competition is open to all growers of ornamental plants.
2. Exhibitors will be limited to 25 entries. Exhibitors may enter more than one entry in each class but not more than one of the same species, cultivar or variety.
3. Each entry must be labeled with common or botanical name if known. The show committee will assist with identification if needed.
4. All plants and containers should be cleaned and groomed. Any plant with obvious signs of disease or insects will be disqualified from judging.
5. All entries must have been grown by the exhibitor and in his or her possession for at least three months prior to the Fair.
6. Entries will be accepted on Tuesday, September 10, from 12pm–7pm and also on Wednesday, September 11, from 9am to 3pm. Entries must be brought in by the Exhibitor.
7. Plants will be judged Thursday, September 12, 2019. No one but judges and clerks will be allowed in the exhibit area during the judging. Decisions by the judges are final.
8. Each exhibitor will receive a single, one-day entry pass to visit the horticulture booth and view the plants on display.
9. Exhibitors must pick up plants on Sunday, September 22, 2019 from 2pm to 5pm. Any plants left after that time will be donated to charity.
10. The Baker County Master Gardeners will care for your plants while on display.
11. All matters not covered by these rules will be decided by the superintendent.



Premiums for Ribbons: Blue \$3 Red \$2 White \$1
Award of Merit \$5 - Best of Show \$10



Separate Youth & Adult Divisions:

- Section A – Flowering/Fruiting Plants--Plants grown specifically for blooms/fruit. Must have flowers or fruit
- Section B – Foliage Plants--Plants grown for foliage: variegated, colored and/or green, tropical or landscape, and flowering/fruit plants without flowers or fruit.
- Section C – Special Display--Container gardens, wire framed topiaries all sizes and styles, decorative or unusual containers, terrariums, totems, mounted, etc.
- Section D – Bonsai--all sizes and styles, in pots, on trays or racks.
- Section E – Cacti & Succulents--Cactus, Succulents, Euphorbias
- Section F – Hanging Baskets--All hanging plants regardless of classification, size or species, including wood mounts that are meant to hang.
- Section G – Patio Plants--All containers 14" or larger and plants that are too large to be displayed on tables.

Attention plant fanatics! Award money can be used to purchase more plants! So what have you got to lose?

WHAT TO PLANT IN NORTH FLORIDA



SEPTEMBER



FLOWERS

Angelonia Begonia, wax
Celosia Coleus
Crossandra
Euphorbia 'Diamond Frost'
Foxglove
Impatiens Kalanchoe
Marigold Moss Rose
New Guinea Impatiens
Pentas Torenia
Tropical Sage
Vinca Zinnia



VEGETABLES

Arugula Beans (bush/pole)
Beets Broccoli
Brussels Sprouts Cabbage
Carrots Cauliflower
Celery Chinese Cabbage
Collards Endive/Escarole
Kale Kohlrabi
Lettuce Mustard
Onions, bunching & bulbing)
Radish Spinach
Squash (summer/winter)
Swiss Chard Turnips

PLANTING TIPS

With the exception of Foxglove, annual flowers listed can only be expected to grow until first frost. Consider planting cool season annuals starting in October.

RESOURCES :

Gardening with Annuals in Florida
<http://edis.ifas.ufl.edu/pdf/files/MG/MG31900.pdf>

Florida Vegetable Gardening Guide
<http://edis.ifas.ufl.edu/pdf/files/VH/VH02100.pdf>

Remember to rotate your veggies! Members of the same vegetable family planted in the same areas each year are more susceptible pest damage.

Plant flowers in the vegetable garden. They provide nectar and pollen that attract beneficial insects.

Enjoy a fall harvest of beans and squash by planting early this month. All other vegetable crops listed can take the cold of winter.

Fruit Care Calendar for North Florida

To be used as a guide when caring for fruit and nut trees in the home garden. All fertilizer recommendations are for optimum growth and fruit production. Gardeners may choose to apply less fertilizer than the recommendation, but should never apply more. When referring to the age of a plant, consider year 1 to be at planting or the first year after planting.

SEPT. - DEC.

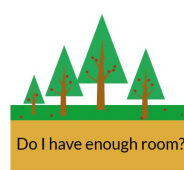
Tips for Growing Fruits

Most edibles require at least 6-8 hours of full sunlight a day and prefer well-drained, slightly acidic soil.



Does the plant require cross-pollination or is it self-fertile??

If not self-fertile, you will need 2 or more plants to produce fruit.



Do I have enough room?

Avoid low-lying areas to minimize flood injury and frost injury to flowers and developing fruit.



Select recommended varieties based on pest/disease tolerance, cold tolerance and required chilling hours.

Correct spacing is key for optimum growth, health, and fruit production.

FERTILIZING

SEPTEMBER



Citrus

Last month to fertilize citrus until February using a 6-6-6 or 8-8-8. Year 1: 0.5-1.25 cups; Year 2: 1.5-3 cups; Year 3: 3-5.5 cups; Year 4: 6.5-8.25 cups; Year 5+: 9-11.5 cups



Loquats

Fertilize using 6-6-6, only as needed.



Persimmons

Apply last of 3 applications of fertilizer using 1/2 to 1 lb. (1-2 cups) of 10-10-10 with micros per year of age. All 3 applications should not exceed 10-15 lbs. (20-30 cups) per year. If fruit drop is a problem, consider using a 5-10-10 or reduce fertilizer amounts.

OCTOBER



Blueberries (Newly Planted)

Fertilize using 1 oz. (2 TBSP) per plant of 12-4-8 with 2% magnesium (Mg) or 1.5 oz. (3 TBSP) per plant if heavily mulched, spreading evenly over a 2-foot diameter circle.



Blueberries (Established)

Fertilize with 12-4-8 with 2% magnesium (Mg). Year 2: Apply 2 oz. (4 TBSP) per plant spreading evenly over a 3-foot diameter circle. Year 3+: Apply 3 oz. (6 TBSP) per plant spreading evenly over a 4-foot diameter circle.



Strawberries

Plant Oct. 1st to Nov. 15th for a Spring harvest. Incorporate 2 lbs. (4 cups) of a 10-5-10 fertilizer with micro-nutrients per 10 feet of row into the bed before planting. To increase nutrient absorption, 1/3 to 1/2 of all nitrogen should be in slow-release form. Incorporate 1/4 of the fertilizer evenly across the top of the bed with rake. Apply the remainder fertilizer in a narrow band 1 inch deep down the middle of the bed (above the drip or soaker hose, if they have been placed in the bed).

NOVEMBER



Pomegranate

Use 8-8-8 or similar. Young trees: 2-2.5 lbs. (4-5 cups). Mature trees: 4.5-6.5 lbs. (9-11 cups). Excessive or late applications delay fruit maturity and reduce color and quality.

DECEMBER - No Fertilizing is Required

MORE INFORMATION

For additional information on fertilizing, pruning and other resources, visit the Fruits page of the UF/IFAS Baker County Extension website:
<http://sfyl.ifas.ufl.edu/baker/>

Plastic Flower Pot Donations Needed!

If you have old, plastic nursery pots laying around, please consider donating them to the Master Gardener Program for recycling. We can accept all sizes, but particularly need gallon and quart sized pots. Feel free to deliver them to the front Extension Office. For large quantities, please place them at the back fence gate near the greenhouse.

To everyone that has already made a donation—we thank you!!!

Lucky Clover Chronicle

By:
*Shaina
Spann,
4-H Agent*



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Baker County Fair Sept 13—21



Youth Goat Open Showmanship
Check in— Friday, September 13, 2019 at 3-5:30pm
Parent meeting— Friday, September 13, 2019 at 6pm (if needed)
Saturday, September 14, 2019 at 6pm

Open Swine Show
Check in— Friday, September 13, 2019 at 3-5:30pm
Parent meeting— Friday, September 13, 2019, 6pm (if needed)
Starts— Saturday, September 14, 2019 at 6pm
Release for swine not in market show— Saturday, September 14, 2019, after 10pm

Youth 4-H & FFA Poultry Show
Check in— Friday September 13, 2019, 3-5:30pm
Parent meeting— September 13, 2019 at 6pm (if needed)
Poultry judging— Monday, September 16, 2019 at 4:30pm

Poultry Showmanship
Starts— Monday, September 16, 2019, 6pm
Juniors— 8-10
Intermediates— 11-13
Senior— 14-18

Youth Rabbit Show
Check in— Friday, September 13, 2019 at 3-5:30pm
Parent meeting— Friday, September 13, 2019, 6pm (only if needed)
Monday, September 16, 2019 (immediately after poultry showmanship)

Youth Goat Show
Check in— Friday, September 13, 2019, 3-5:30pm
Parent meeting— Friday, September 13, 2019, 6pm (if necessary)
Tuesday, September 17, 2019 at 6pm

Youth Registered Beef Show
Final weigh in— Friday, September 13, 2019, 3-5:30pm
Parent meeting— Sunday, September 15, 2019, 5:30pm

FFA & 4-H Youth Market Steer Show
Final weigh in— Friday, September 13, 2019, 3-5:30pm
Record Book Deadline: Monday, September 16, 2019, 7:00 PM
Tuesday, September 17, 2019 (following beef show)

FFA & 4-H Youth Market Swine Show
Final weigh in— Sunday, September 15, 2019, 2-4:30pm
Parent meeting— Sunday, September 15, 2019 at 5:30pm
Record Book Deadline— Monday, September 16, 2019, 7pm
Show— Wednesday, September 18, 2019, 7:00pm

Non-Market Animal Check-Out:
Saturday, September 21, 2019 after 10pm

For more information on the Baker County Fair, go to
<http://bakercountyfair.com/>

My New Life: Maternity Leave

As many of you already know, my husband and I are expecting our first child very soon! When the baby arrives I will be taking around 16 weeks off from work. I am looking forward to spending time adjusting to my new life with Baby Spann! With that being said, I will not be available for any calls or questions while on maternity leave so I can focus all of my attention on my family.

During this time, clubs will continue meeting as usual. If you have questions about club meeting dates, times, or need any other 4-H information, please contact the Extension office at 259-3520 and they will be able to help you.

Please know that upon my return to work, the 4-H program may look different. We all will need time to adjust to my new life. After hours communication will cease barring an emergency. I ask for your patience when returning to the office, as there may be a delay in response, while catching up on emails, calls, reports, etc.

As always, thank you for your continued support I have received from my 4-H Family! Baker County 4-H will continue to make the best better!

Shaina

4-H Club Meetings & Events

- **Cloverleaf Cloggers**— Contact Ms. Madeline for details. Every Thursday, from 6-8pm Sanderson Community Center. **No meeting September 5th.**
- **County Council**- Will resume in February.
- **Livestock Club**— No meeting for September.

Barnyard Bulletin

By:
Alicia Halbritter,
Agriculture Agent



Forage Analysis Essential for Pastures, Hay, & Cool Season plantings

Testing forages for nutrient analysis is an imperative component of a livestock feeding program. Whether you have horses, cattle, or small ruminants grazing warm seasons or cool seasons, or feed hay, you should be forage testing!

Forage tests tell us the amount of Dry Matter, Water, Crude Protein, Total Digestible Nutrients, and Fiber content (NDF & ADF). These parameters help us measure the quality of a forage and whether or not it is meeting the nutritional requirements of our livestock.

How should you sample? A hay sampler can be rented from the Baker County Extension office for \$10 (a \$50 deposit will be required to check out device, \$40 will be refunded when the device is returned). This device attaches to a drill and will easily collect samples for you. Pastures can easily be sampled by hand cutting forages in a defined area. Give me a call or check out the resources below to learn more about proper sampling!

Costs:

\$10 to rent hay sampler

\$7 Testing fee per sample (UF Forage Lab)

Links:

<http://bit.ly/ForageTesting>
<https://edis.ifas.ufl.edu/aa192>

Soil Testing New & Improved

On September 1st, 2019 the UF Soils Analytics lab will be revising testing and fees. Soil analysis tests will now include pH, lime requirement, along with 8 nutrients (macro and micro) with the addition of sulfur recommendations. The tests have increased in price to \$10 per sample as the standard soil test and micro-nutrient tests have now been combined (previously cost \$12 combined).

With new tests, come new forms. Make sure you are using the proper soil test form as of September 1st! Now is a great time of year to take advantage of the new combined soil test, especially if you are planning on planting cool season forages in the coming weeks.

Get your submission forms here:

<http://soilslab.ifas.ufl.edu/ESTL%20Tests.asp>

Contact your local agent for more information on soil testing!

Farm to Family: Beef Basics

Oct. 12th | 11am-1pm | Ag Center
\$20 a pair | Limited Spaces

Bring the kids to this family friendly program and learn about the beef industry, cutting basics and safety, grilling techniques, plus more! Learn from Meat Science Expert, Dr. Chad Carr from UF and enjoy some delicious taste testing! (Lunch will be provided)

Get tickets here:

<https://farmtofamilybeef.eventbrite.com>

UF/IFAS Extension Baker County

STRAWBERRY PLANT FUNDRAISER

'Camino Real' Strawberries

- A favorite for N. Florida gardens!
- Plants are small and compact
- Fruiting begins in late winter
- Good per-plant yields
- Large fruit with very good flavor

10 plants - \$5

50 plants - \$20

PRE-ORDER TODAY

PAY AT PICK UP

Planting & growing instructions included.

259-3520

CALL TO PLACE YOUR ORDER