



## The Baker Bulletin

A  
Baker County  
Extension  
Service Monthly  
Newsletter

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*The UF/IFAS Extension Office is available to help you with your farming, gardening, landscaping, and 4-H youth development needs by providing educational programming, free consultations and information. Contact us at:*

### UF/IFAS Extension Baker County

1025 W. Macclenny Ave. Macclenny, FL 32063

Phone: (904) 259-3520

Email: baker@ifas.ufl.edu

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

### County Agents

**Alicia Lamborn** Horticulture Agent

**Shaina Spann** 4-H Youth Development Agent

**Alicia Halbritter** Agriculture & Natural Resources Agent



[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](#)



Check out our Livestock  
Google Site!

## Programs & Events

- July 8 **Applications due for Master Gardener Volunteer Training** (Aug 9—Sept 20)  
See page 2 for more information. [Download the application here.](#)
- Aug 18 **Grape Field Day** (NO Registration Fee) Register at <https://tinyurl.com/2p8sudamv> or visit <https://hos.ifas.ufl.edu/grape>; for more information call Lesley Reddick (352) 591-2678 by August 12, 2022
- Online **Growing Blueberries & Blackberries** (Self-Paced Course — Free!) Topics include variety selection, care and maintenance, pest management, and even a section on raspberries! [Register here](#)
- Online **Selling Backyard Poultry Products** (Self-Paced, Online Course) Learn how to start a business (or improve an existing business) selling eggs, meat, or live poultry in the state of Florida. Topics include licensing/registration, record keeping, filing taxes, marketing your product, and drawing an income. [Register here.](#)



# MASTER GARDENER VOLUNTEER TRAINING

## WHO ARE THE MASTER GARDENERS?

Master Gardeners are volunteer educators of the horticultural arts and sciences. With training from UF/IFAS Extension, Master Gardeners are active in their communities, offering leadership and guidance in gardening projects of all types and sizes.

The Florida Master Gardener Program has been around since 1979, and each year, approximately 4,700 Master Gardeners contribute a total of 365,000 hours of service, helping to make their communities better informed, more sustainable, and more beautiful.

## WHAT DO MASTER GARDENERS LEARN?

If you're accepted into the Master Gardener training program, you'll receive 50 hours or more of practical horticultural training, on topics such as:

- Botany
- Plant pathology & integrated pest management
- Soil management & plant nutrition
- Growing garden vegetables, fruit crops, trees, & turf
- Florida-Friendly Landscaping™
- Working with the public

## WHAT DO MASTER GARDENERS DO?

Once you've successfully completed the training, you're required to volunteer a minimum of 75 hours during the first year to achieve Master Gardener certification. Master Gardeners work with the public to answer questions, give talks, write newsletter columns, help maintain the demonstration gardens, and many other activities.

Master Gardeners that continue in the program beyond the first year are asked to volunteer 35 hours annually and attend advanced trainings to keep up to date on the latest horticultural information.

## 2022 BAKER COUNTY TRAINING DATES

**TRAINING** *Hybrid Class of Online & In-Person Learning*

**DATES** *August 9 - September 20*

**SCHEDULE** *Complete Weekly Training Modules Online & Attend In-Person Sessions 1 day per week*

In-person Sessions: 9 am to 12 pm on Thursdays: Aug 18, Aug 25, Sept 8, Sept 15  
(Reserved make-up days on Tuesdays: Aug 23, Sept 6, Sept 13, Sept 20  
Baker County Extension Office (Ag Center) 1025 W. Macclenny Ave., Macclenny, FL 32063

**COST** *\$120 Includes student manual, field guides, and all training supplies*

## APPLICATIONS DUE JULY 8

<http://sfyl.ifas.ufl.edu/baker/plants-landscapes-edible-gardens/master-gardener-program/>

## COORDINATOR

*Alicia  
Lamborn*

Horticulture Agent & Master  
Gardener Coordinator  
(904) 259-3520  
alamborn@ufl.edu

# Barnyard Bulletin

By:  
*Alicia Halbritter,*  
*Agriculture Agent*



## Securing Cool Season Forage Seeds

It's the middle of summer, but you should be thinking ahead to winter! Now is the time to secure your cool season forage seed source if you plan to plant pastures or wildlife plots.



### Cool Season Legumes

Legumes are beneficial to plant as they fixate nitrogen into the soil which can reduce fertilizer costs. Legumes may include clovers, winter peas, vetch, or other species.

### Cool Season Grasses & Small Grains

Grasses can help create a more complete/longer grazing season. Grasses are typically cheaper than small grains and tolerate more heavy grazing. Small grains commonly grown in Florida include oats, wheat, and rye.

### Brassica & Forage Chicory

These crops are winter hardy and are often desired by wildlife but can be suitable for livestock as well. Planting things like radishes and turnips can help break up soil compaction and improve existing pasture stands.



	Type	Seeding Rate (lb/acre)	Seeding Depth (in)
White Clover	Legume	3-4	0-1/4
Red Clover	Legume	10-15	1/4-1/2
Crimson Clover	Legume	20-25	1/4-1/2
Tall Fescue	Grass	20-25	1/4-1/2
Oats	Grass	100-120	1-2
Winter Peas	Legume	40-60	1/2-1
Rye	Grass	90-120	1-2
Ryegrass	Grass	20-30	0-1/2
Turnips	Brassica	5-6	1/4-1/2
Wheat	Grass	90-120	1-2

### Blends

Consider mixing grasses, legumes, and brassicas together in one plot to provide a longer grazing season and more options for grazing animals. This will maximize growing season, expenses, and utilization of the forages.





## 2022 County Events Winners!

We had a good turnout for our County Events submissions!

Please see the results below. Here is a link to a video of their [entries](#).

**Photography** The top winner from the Junior, Intermediate, and Senior age divisions advance to the state competition.

Cloverbud: Scenic- Autumn Dugard; Flora & Fauna- Harper Rhoden

Junior: 1st Place (Headed to State) Flora & Fauna- Mary Ann Rhoden; 1st Place Black & White- Sawyer Bridges

Intermediate: 1st Place Scenic- Claire Higginbotham; 1st Place People- Scarlett Rhoden; Flora & Fauna- 1st Place (Headed to State) Miley Yarborough; 2nd Place Sarah Surrency; 3rd Place Preslie Davis; 4th Place Gracie Davis; 5th Place Sullivan Rhoden; 6th Place Lila Stokes.

Senior: 1st Place Scenic-Katie Small; 1st Place Black & White- Katie Small; 1st Place People- Katie Small; Flora & Fauna- 1st Place Allison Surrency; 2nd Place Katie Small.

## Public Speaking

Intermediate- 1st Place Food Demonstration- Schaelynn Dugard

Intermediate- 1st Place Environmental Education Demonstration- Sullivan Rhoden

**CONGRATULATIONS TO OUR PARTICIPANTS!!!**

## 2022 4-H Summer Day Camps

### **Serve Week: June 13-17 High School Age Cost: Free-CANCELLED DUE TO LOW ENROLLMENT**

Giving back to the community and gaining 30 hours for scholarships? This day camp will take youth around the county to help out. Youth must attend all 5 days to receive total hours. Some transportation is available, youth may drive themselves.

### **Florida Outdoors: June 20-23 Ages 9-13 Cost: \$60 Bring Lunch Each Day**

Explore Florida! Learn about freshwater, saltwater, and forest ecosystems while experiencing them. Transportation will be provided.

### **Sweet Treats: July 11-14 Ages 8-13 Cost: \$60 Bring Lunch Mon-Wed: FULL**

Participants will learn where our food comes from! Seeing sugar in the field to eating it in desserts, it plays an important part of the many foods we eat. Come learn about, and eat, some sweet treats!

### **Wood Working: July 25-27 Ages 10+ Cost: \$60 Bring Lunch Each Day**

Learn how to use tools and create with wood! This camp will teach participants wood working skills and let them build their own creations!

Transportation will be provided. Registration and payment is due two weeks prior to camp. All ages are as of 09/01/2021.

Payment is required to secure registration cash or check in office and credit card [online](#). Payment plans available upon

## 4-H Club Meetings & Events

- **MARKET Animal Participants tag –in June 11th 7am-9am**
- **Baker's Busy Bees– June 21 at 6pm in the 4-H Classroom.**
- **Florida Outdoors camp-June 20-23 9am-3pm each day**
- **Livestock Club— June 28th at 6pm Ag Center Auditorium.**

# Florida's Native Flora & Fauna

By: Alicia Lamborn, Environmental Horticulture Agent

Featuring some of Florida's native flora (plant life) and fauna (animal life) so you can learn to recognize, appreciate, and protect native species. We'll also aim to dispel myths and provide tips for managing conflicts with wildlife.

## Firebush

The Florida native Firebush (*Hamelia patens*) is prized by gardeners and pollinators alike for its long blooming season. Bright orange-red flowers appear from spring to frost or throughout the year in its southern zones.

Besides the flowers, young stems and leaf petioles also appear red, as well as young leaves which are covered in red hairs. Mature leaves may also be speckled with red or purple coloration.

This fast growing plant reaches up to 8 to 12 feet tall and nearly as wide. But in areas where it dies back in winter, expect it to regrow from the crown and reach about 5 feet by the following winter.

The tubular flowers attract hummingbirds, butterflies, and long-tongued bees including bumblebees. The black berries produced after flowering provide food for songbirds and small mammals. The plant is also a larval host for the Pluto Sphinx moth.

Firebush prefers drier sites and is very drought tolerant once established. This plant also tolerates slightly acidic to slightly alkaline soil pH ranges. Flowering is best in full sun or light shade. It is recommended that this species be fertilized sparingly to bring out its best characteristics.

Photo credit: Alicia Lamborn, UF/IFAS

References: <https://www.fnps.org/plant/hamelia-patens> and <https://edis.ifas.ufl.edu/publication/FP237>

## Killdeer

Killdeer (*Charadrius vociferus*) are somewhat unusual birds. They have a strange name, nest in unlikely places, and are good actors.

The Killdeer's call is a repetition of its name. On the ground, this species walks along or runs ahead a few steps, pausing to look around, and running on again.



When disturbed, they break into flight and circle overhead, calling repeatedly.

The Killdeer is a permanent resident and nests throughout Florida. Eggs are laid in a simple depression in the ground. Open sites are preferred for nesting, and gravel roads are often ideal because killdeer eggs blend in well with nearby rocks and pebbles.



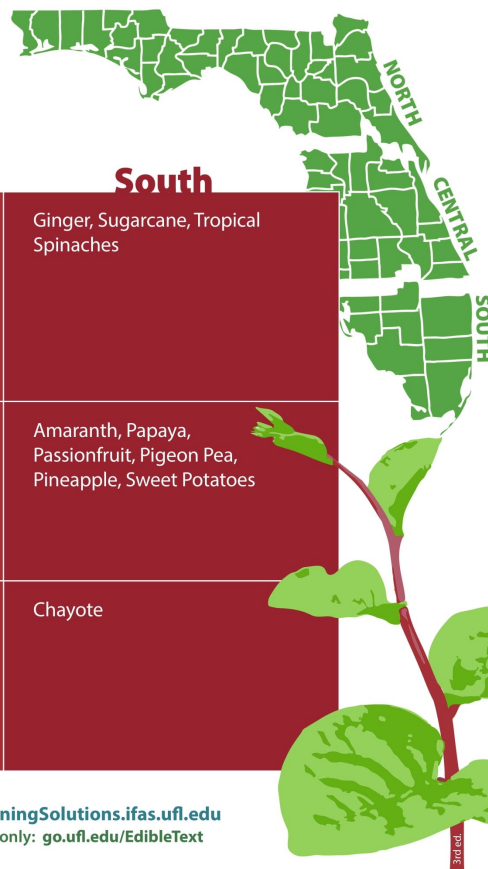
When a predator approaches the nest, the adult killdeer feigns a broken wing and draws the predator away from the nest while making it think it's found an easy meal. Once the predator is far enough from the nest, the adult killdeer takes off in flight, taunting the predator with its call.

Like other members of the Plover family, the Killdeer is a shorebird. But this species is one of the least water-associated of all shorebirds. Look for Killdeer on open ground with low or no vegetation including lawns, pastures, mudflats, driveways, parking lots, and even gravel-covered roofs.

# Extension Tidbits

## EDIBLES TO PLANT IN *June*

	North	Central	South
 <b>EASY TO TRANSPLANT</b>	Ginger, Roselle, Tropical Spinaches	Ginger, Roselle, Sugarcane, Tropical Spinaches	Ginger, Sugarcane, Tropical Spinaches
 <b>TRANSPLANT WITH CARE</b>	Amaranth, Boniato, Calabaza, Long Squashes, Luffa, Papaya, Passionfruit, Pigeon Pea, Seminole Pumpkin, Sweet Potatoes	Amaranth, Boniato, Calabaza, Cassava, Long Squashes, Luffa, Papaya, Passionfruit, Pigeon Pea, Pineapple, Seminole Pumpkin, Sweet Potatoes	Amaranth, Papaya, Passionfruit, Pigeon Pea, Pineapple, Sweet Potatoes
 <b>USE SEEDS</b>	Chayote, Okra, Peas (southern)	Chayote, Okra, Peas (southern)	Chayote



**UF** IFAS Extension  
UNIVERSITY of FLORIDA



Gardening  
SOLUTIONS

GardeningSolutions.ifas.ufl.edu  
Text only: [go.ufl.edu/EdibleText](http://go.ufl.edu/EdibleText)

## Blackberry Crumb Bars

### INGREDIENTS

- 2 c. fresh blackberries
- 1 1/2 c. flour
- 1/2 c. white sugar
- 1/4 c. packed brown sugar
- 1/2 tsp. baking powder
- 1/8 tsp. salt
- 1/2 c. unsalted butter
- 1 large egg yolk
- 1 tbsp. lemon juice
- 1 tbsp. cornstarch

### PREPARATION

Preheat oven to 375 degrees; spray 8x8 pan with baking spray. Add flour, 1/4 c. sugar, brown sugar, baking powder, salt, butter, and egg to a food processor and pulse until a crumbly dough starts coming together. Add half the dough to your baking pan and press down in an even layer. In large bowl mix blackberries, lemon juice, 1/4 c. sugar and cornstarch. Pour berry mixture over the crust. Crumble remaining flour mixture over the top of berries. Bake for 40-45 minutes until golden brown.

<https://dinnerthendessert.com/blackberry-crumb-bars/>



dinnerthendessert.com