



# The Baker Bulletin

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



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



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



[Agriculture in North Florida](#)

[Baker County Garden Spot](#)

[Baker County 4-H](#)

**MARCH 2024**



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**Programs & Events**

- March 6 Understanding Production Systems: Greenhouse & Controlled Environment Agriculture (CEA) - Come learn the ins and outs of CEA & hydroponics! UF/IFAS NFREC-Suwannee Valley Farm. [Register here.](#)
- March 8 Citrus Tree Sale - Continues through March 22 or until trees run out. Baker County Extension Office. See page 6 for details.
- April 6 Master Gardener Plant Sale - A fundraiser for the Baker County Arboretum and Extension Horticulture Program. Free event, 8:00 am to Noon @ Baker County Extension Office. For more information, see page 2 and follow the event on Facebook for more details and plant lists!
- April 20 Community Day at the Farm - Free Event, 8:30 am to Noon @ UF/IFAS NFREC-Suwannee Valley Farm. Includes trolley field tours, orchard tours, greenhouse tours, equipment tours, and educational booths for kids and adults! And appearances by the Paw Patrol! [Register here.](#)



2024  
*Master Gardener*  
**PLANT  
 SALE**



- FEATURING**
-  Trees & Shrubs
  -  Flowering Perennials
  -  Fruits, Vegetables, Herbs
  -  Houseplants & Foliage
  -  Grasses & Groundcovers
  -  Vines, Succulents, & More!

**A fundraiser for the  
 Baker County Arboretum  
 & Horticulture Program**

- Free entry!
- Shop for a cause!
- Stroll through the gardens!
- Enjoy free activities for the kids!
- Don't forget your wagon!

**APRIL 6**  
**8AM - NOON**

**Agricultural Center  
 1025 W. Macclenny Ave.  
 Macclenny, FL 32063**

UF/IFAS Extension Baker County  
 ☎ 904-259-3520





# HIGHLIGHTS IN HORTICULTURE

By Alicia Lamborn, Environmental Horticulture Agent

## Scarlet Runner Bean



Looking for a plant that has ornamental value, attracts wildlife, and is also edible? If so, the Scarlet Runner Bean may be for you!

The Scarlet Runner Bean is planted mostly as an ornamental because of its rapid growth and abundance of large, brightly colored flowers that attract hummingbirds. However, both the pods and the green shelled beans are edible in the fresh stage (picked young) and are sometimes substituted for lima beans. If you're not interested in eating the beans, keep the pods picked for a continuous bloom. This heirloom plant is well-adapted to the southeast and will quickly climb up fences, trellises, and arbors, reaching 12 to 15 feet.



### EDIBLES TO PLANT IN *March*



	North	Central	South
<p>Easily Survives Transplanting</p>	Arugula, Boniato, Eggplant, Kohlrabi, Peppers, Swiss Chard, Tomatillo, Tomatoes	Arugula, Boniato, Chinese Cabbage, Gingers, Kohlrabi, Peppers, Roselle, Sugarcane, Swiss Chard, Tropical Spinaches	Arugula, Boniato, Chinese Cabbage, Endive, Gingers, Roselle, Sugarcane, Swiss Chard, Tropical Spinaches
<p>Transplant Carefully</p>	Spinach, Sweet Potatoes	Amaranth, Calabaza, Celery, Long Squash, Luffa, Papaya, Passionfruit, Pigeon Pea, Pineapple, Seminole Pumpkin, Spinach, Sweet Potatoes, Yucca	Amaranth, Calabaza, Celery, Papaya, Passionfruit, Pineapple, Seminole Pumpkin, Sweet Potatoes, Yucca
<p>Use Seeds</p>	Beans (bush, lima, pole), Cantaloupes, Carrots, Corn, Cucumbers, Okra, Onions (bunching), Peanuts, Peas (English, southern), Radish, Squashes, Watermelon	Beans (bush, lima, pole), Cantaloupes, Carrots, Chayote, Corn, Cucumbers, Okra, Onions (bunching), Peas (southern), Radish, Squashes, Watermelon	Beans (bush, lima, pole), Cantaloupes, Carrots, Chayote, Corn, Okra, Onions (bunching), Peas (southern), Radish, Squashes, Watermelon



## BARNYARD BULLETIN

By Alicia Halbritter, Agriculture Agent

# Livestock Vaccine Storage



Vaccines are some of the most important resources used to protect animals health. Most vaccines work by exposing livestock to pathogen-specific proteins, giving their body an introduction to a pathogen they may encounter later on. This introduction helps the animal learn how to fight off the pathogen and prevent the disease from taking hold.

There are many different types of vaccines and each may have specific handling and storage instructions, so be sure to reference the product label and follow the directions listed there. Vaccine failure is generally a result of improper storage, handling, and administration. Never administer a vaccine that has been improperly handled.

- **Refrigeration:** Most vaccines require cold storage and should be kept in a refrigerator that maintains a temperature between 35°F and 45°F. It is typically preferred to have a refrigerator dedicated to medications and not mix medications with household food/products. If your fridge is in a shop or barn, it may experience large temperature fluctuations during the heat of the day. Try your best to insulate around the fridge or keep in a cooler area to reduce the risk of vaccines being out of the proper temperature range. Avoid freezing or excessive warming of the bottles.
- **Sunlight:** Most vaccines are recommended to keep out of direct sunlight. Sunlight can not only contribute to temperature fluctuations it can also work to destroy the vaccine. You will notice vaccines are often packaged in brown glass bottles to reduce their exposure to sunlight.
- **Chute Side:** Vaccine handling at chute-side is typically where the most errors occur. You should have a cooler with cold packs available to transport your vaccine and syringes to the chute. Once at the chute (or site of animal handling) you may remove the vaccine and syringe, draw the necessary dose, and administer it. Immediately return the vaccine and syringe to the cooler when not in use. Do not draw multiple doses and store in your back pocket, on working tables, or anywhere in the heat/sun. Specific vaccine coolers can be purchased to easily handle multi-dose guns if working cattle or other large groups of animals are being vaccinated. Otherwise, a standard styrofoam cooler will suffice. Ensure that cold packs are maintaining the proper temperature throughout the day, they may need to be replenished with fresh packs.
- **Transportation:** These recommendations also apply when you are transporting the vaccine from the purchase site to the storage area, to the chute, and back to the storage area. If vaccines were shipped to you, ensure they are in the proper temperature range when you receive them.



# LUCKY CLOVER CHRONICLE

By Shaina Spann, 4-H Youth Development Agent



## How can youth participate in a 4-H livestock project?

Livestock projects can be a chicken, rabbit, goat, pig, or cow. From there you have to decide if it will be a market or exhibition project. Market animals are terminal projects where the animal is harvested at the completion of the project. Exhibition project animals are only shown at fairs and will return with the member.

To participate in a livestock project, first you have to be a member. Enrollment for livestock projects is due by March 31. Next, members are required to turn in a Livestock Animal Project Commitment Form by March 31 stating that the member is anticipating showing an animal through 4-H. Then, new families are required to attend the mandatory parent/exhibitor orientation meeting on April 11, 2024 at 6pm. With a second opportunity at the April Livestock Club meeting on April 23 at 6pm. After that, youth need to be re-enrolled for the 4-H year around September 1st for liability coverage with 4-H at the fair. Attending 70% of club meetings is required to show at the fair. If a member misses more than 3 meetings January through September, they WILL NOT be permitted to show in the 2024 fair. Lastly, the 4-H Project Report is due after the fair on November 12, by 5pm to the Extension Office. Failure to turn in the report will result in the member being INELIGIBLE to participate in the 2025 fair.

When Livestock Animal Commitment Forms are turned in, the signatures on the forms are saying that the member (who is supported by their family) will be fulfilling the requirements. If things occur that can prevent requirements being met, communication is imperative. Every once in a while there are extenuating circumstances and we can allow for them. However, sports and vacation are not those circumstances. If you are committing to the project, commit to it.

### Baker County Livestock Expo

April 23, 2024

6:00-7:30pm

Ag Center Auditorium

We are hosting the inaugural Livestock Expo! This event seeks to connect youth with resources that pertain to their 4-H livestock project. This event is open to all 4-H & FFA members who are anticipating showing an animal at the fair this year. If you would like to help or set up an information booth with your organization please email [slbennett@ufl.edu](mailto:slbennett@ufl.edu) for more information.

### 4-H Club Meetings & Events

- March 4- Cloverbuddies, 4pm, Classroom
- March 26- Livestock Club, 6pm Ag Center Auditorium
- March 18-22- Coop to Plate Chicks delivered
- April 1- Cloverbuddies, 4pm Classroom
- April 11- Mandatory New Family Livestock Orientation, 6pm, Ag Center Auditorium
- April 23- Livestock Expo & Makeup Livestock Orientation, 6:00-7:30pm, Ag Center Auditorium

We need volunteers! Please reach out if you or someone you know would be interested in volunteering. The following areas currently have a need for volunteers:

- Science, Technology, Engineering, Arts, & Mathematics (STEAM)
- Healthy Living
- Sports
- Livestock Animals
- Horses



Did you know that 4-H has an online course platform? It's called CLOVER. There are activities and courses 4-Hers can take! When signing up, enter the code 831101 to join Baker County!



Check out our Livestock [Google Site!](#)

### REMIND APP

text @bakerco4h to 81010 to be added to the 4-H Remind text group.



# Citrus Tree Sale

\$35  
EACH

## Sugar Belle

- Mandarin hybrid - developed by the University of Florida
- Tolerant to Citrus Greening Disease
- Cold tolerant - can withstand temps down to 14 degrees once well established
- Sweet-tart flavor, easy to peel, and very juicy
- Red-orange color with few seeds to seedless
- Harvest November-December

## Satsuma 'Owari'

- Very cold hardy
- Sweet, thin-skinned, and seedless
- Harvest October-November

## Meyer Lemon

- The most cold hardy lemon
- Lower acid than true lemons
- Harvest November-March

## Kumquat 'Nagami'

- Oblong, bright orange fruit
- Mildly sweet edible rind contrasts nicely with the sour flesh
- Eat whole or use to make marmalade
- Harvest November-March

LIMITED  
QUANTITIES  
CASH ONLY

Pre-Sale March 8 - 22

More quantities available at the  
Master Gardener Plant Sale  
Saturday, April 6

Questions?  
Call 904-259-3520

OFFICE HOURS:  
8:30 AM - 12 PM  
& 1 PM - 5 PM  
M - F