



## The Baker Bulletin

A  
Baker County  
Extension  
Service Monthly  
Newsletter

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Dear Extension Friends,

With fall comes cooler temperatures and the Baker County Fair. Please join us at the fair September 27 to October 5. The Extension Office has two agricultural programs this month. Please take a look at the calendar on page 4 for additional information. It is also time to start thinking about soil testing your land for next year. We have soil test kits available for pick up at the office. Don't forget to drop off your daffodil or strawberry order forms to us at the office. As always, if we can help you in any way, please do not hesitate to contact us.

Sincerely,

Michael A. Davis  
County Extension Director / Ag Agent  
Baker County Extension Service

**UF** UNIVERSITY of  
**FLORIDA**  
IFAS Extension  
*Baker County Extension*

### Contact Information—Baker County Extension Service

1025 W. Macclenny Ave., Macclenny, FL 32063

Phone: (904) 259-3520, FAX: (904) 259-9034

Email: baker@ifas.ufl.edu Hours: M—F 8:30am to 5:00pm (Closed Noon to 1:00pm for Lunch)

**Michael Davis, Ph.D.**

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**Position Vacant**

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Sciences Agent



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4-H Agent



# Highlights in Horticulture

By:

2

*Alicia Lamborn,  
Horticulture Agent*

## Growing Tips for Your Favorite Fall Vegetables

### Beets

- Withstand light frosts and some freezing.
- Soak seed overnight before planting.
- Several seedlings emerge from each seed.
- Thin seedlings so roots have room to enlarge.



### Collards

- Easy to grow.
- More flavorful when grown in winter.
- Harvest the older leaves as they mature, leaving the younger ones to develop.

### Cabbage

- Needs abundant moisture and fertilizer.
- Consider using a time-released fertilizer at planting, plus a few light liquid feedings.
- Even moisture produces good heads.
- Shallow cultivation is recommended as most roots develop near the soil surface.
- Watch for leaf-feeding caterpillars.
- The head is ready to harvest if it feels firm when squeezed.



### Cauliflower

- Sometimes difficult to grow in Florida.
- Thrives in cool, moist weather but mature heads are not resistant to freezing weather.
- Head formation while plants are too small is a result of improper fertility and/or climate.
- Self-blanching varieties are available, otherwise blanching requires the outside leaves to be tied together over the head when the head reaches 2-3 inches.

### Onions

- Onions are grown from seeds, sets, or plants.
- Bulbing varieties are planted in fall and harvested in spring or early summer.
- For extra-large bulbs, try moving the soil away from the bulb as it grows.
- Multiplier onions (like shallots) are hardy perennial bunching onions that do not form a bulb, but should be divided and reset yearly.



### Broccoli

- Edible parts include the immature flower buds and stems, along with tender leaves.
- Heads should be cut with 6-8 inches of stalk, before buds open.
- After the main cluster is cut, small lateral clusters continue to develop throughout the growing season.
- General growing requirements are similar to cabbage.

### Carrots

- Seed is slow to germinate and requires adequate moisture.
- Sprinkle seedbed every evening for 10-14 days to ensure a uniform stand.
- Another method is to sow seed in a 2-inch furrow and cover with 1/2 inch of soil, then cover with paper until they sprout.
- Thin plants so roots are not crowded.



### Kale

- Hardy crop that resembles curly-leaf collards.
- Can be planted Sept-March, but for best results should be planted so that harvest takes place in the coolest months (takes 2.5-3 months from seeding to harvest).
- Like collards, outer leaves are stripped off as needed to allow plants to continue to grow.
- The ornamental "flowering kale" varieties are edible, but are not very tasty.

### Lettuce

- A hardy cool-season crop; many varieties add color and ornamental value to the garden.
- The 4 types grown in FL are crisphead, butterhead, leaf, and romaine.
- Lettuce seed needs sunlight to germinate, although lightly sprinkling soil over the seed helps prevent it from washing away when you water.



# UF/IFAS Baker County Extension 2013 Strawberry Fundraiser

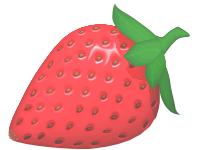


**Strawberries should be planted during the fall months of October and November!** The shorter days and cooler nights of winter initiate flower formation and the fruit is ready for harvest about a month after flowers are formed. The plants will withstand our freezing temperatures, but protecting early blossoms can provide fruit as early as January.

While strawberries are traditionally planted in rows, there are many other space-saving ways to grow them which include hanging baskets, containers, grow boxes, buckets and strawberry barrels. Growing strawberries in these alternative systems also makes it convenient when cold weather arrives since these can easily be moved to a warmer location to protect developing flowers and fruit.

**Our strawberry fundraiser features a new variety this year: 'Camarosa'**

- Introduced by the University of California in 1993
- Can be quite vigorous, with high total season yield potential
- Fruit are very large and firm, with uniform deep red color
- Flavorful when fully mature, but may vary in sweetness and flavor intensity
- Suitable for eating fresh, canning or freezing
- Well-suited for North Florida gardens



## STRAWBERRY PLANT ORDER FORM

'Camarosa' Plants	Cost	No. of Bundles	Total
10 plants	\$5.00		
50 plants	\$20.00		
	<b>(Pay @ Pickup) Total</b>		

**Customer Name:**

**Phone:**

**You may call  
(904) 259-3520 to place  
an order by phone or...**

**Deliver Order Form to:**  
Strawberry Fundraiser  
Baker County Extension  
1025 W. Macclenny Ave.  
Macclenny, FL 32063  
Fax: 904-259-9034

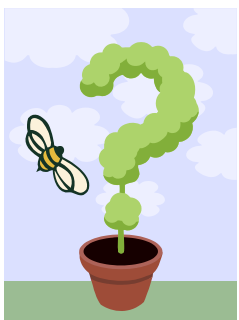
- All purchases come with planting and growing instructions.
- Funds support local educational gardening programs and activities.
- Pre-Order Your Plants Today — We Will Call You Upon Delivery for Pick-Up — Estimated Delivery is Mid-October
- Plants are subject to availability. Pre-orders are reserved but unclaimed orders will be re-sold.

## Need more gardening advice?


**Ask your Extension Office!**

**Vegetable Gardening Guides available free from the Extension Office**

**and at: <http://edis.ifas.ufl.edu/vh021>**



# October 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
		1	2	3	4	5	
←		Baker County Fair				→	
							
6	7	8 	9	10 	11	12	
13	14	15 	16	17	18	19	
20	21 	22  	23	24	25	26	
27	28	29 	30	31		Nov. 7 	

Upcoming Programs are marked with a Program Area Symbol. Please match these symbols with the list on the following page for more information about the program.



4-H



Horticulture



Family & Consumer Sciences



Agriculture

# Upcoming Programs & Events

Programs will be held at the Baker County Extension Office (Agricultural Center) unless otherwise noted.

**Sep. 27— Oct. 5** Come join us at the **Baker County Fair**. Fun and Excitement await you at the annual Baker County Fair. The Baker County Fairgrounds are located at 5567 Lauramore Rd, Macclenny, FL 32063. Please consult the fair book or the Baker County Fair website for information on exhibiting in Home Arts, Horticulture, Agriculture and Youth Shows. Rides, entertainment and education await you at the 2013 Baker County Fair. Additional information can be found at the fair website <http://bakercountyfair.com/> or by calling 904-838-1121. See you at the fair.

**Oct. 10** **North Florida Cattlemen's Association**, *Circle R Ranch, 8355 US Hwy. 441, Lake City, FL 32025*. The North Florida Cattlemen's association will hold it's quarterly meeting on Thursday, October 10th. There will be an educational program from 3:00 to 5:00pm on topics such as 1) Production Issues, 2) Immunology and Immune Response, 3) Animal Health—Scours and 4) Smart phone in Agriculture. This will be followed by an Allied Tradeshow from 5:00 to 6:15pm with dinner served at 6:30pm. The evening program will focus on 1) Animal Traceability, 2) Association Update and 3) Cow/Calf BMPs. The program and dinner are free. However, you must RSVP by noon on Oct. 8 to attend. To RSVP or for additional information, contact the Derek Barber at (386) 752-5384 or [columbia@ifas.ufl.edu](mailto:columbia@ifas.ufl.edu).



**Oct. 22** **Tri-County Beef Meeting**, *Baker County Extension Auditorium, 1025 W. Macclenny Ave., Macclenny, FL 32063*. The Tri-County Beef Cattle Production Workshop will be held on Tuesday, October 22nd. Registration begins at 5:45pm with the program at 6:00pm. UF | IFAS Specialists Dr. Todd Thrift and Dr. Jason Ferrell will be on hand to discuss 1) Feeding and Nutrition during the winter months, 2) Winter weed control and 3) Prepping for spring. Other topics will include Maintaining Forage Quality and Agricultural Smartphone Applications. Registration for this meeting is \$5.00 per person and the deadline is October 18, 2013. To register or for additional information, contact the Baker County Extension Service at (904) 259-3520 or [michael.davis@ufl.edu](mailto:michael.davis@ufl.edu).



**Nov. 7** **Hydroponics Workshop: Floating Water Gardens**, *Baker County Extension Office, 5:15pm*. Learn how to grow veggies like lettuce and herbs in water using a floating system. These types of growing systems are relatively easy to start and require little to no maintenance while the crop is growing. A limited number of small & large starter kits will be available for purchase and include instructions, plants, fertilizer and a basic floating system ready for immediate use. Small Kit (\$5): holds 3 plants, ready to use in your own 3- or 5- gallon bucket. Large Kit (\$20): holds 9 plants, includes a growing tub for plants to float in. Pre-registration required and kits purchased no later than October 31st.



## 4-H Club Meetings & Events:

**All County 4-H Club**—October 15th, 6:00pm,  
Classroom. **\*Guest Speaker—  
Scott Read, Florida 4-H State  
Treasurer\***.

**Livestock Club**—No meeting this month.

**Cloverleaf Cloggers**— Tuesdays, 7:00pm,  
Fabulous Foot Works

### More Upcoming 4-H Events:

Oct 01— Steer Show, 7pm  
Oct 02— Swine Show, 7 pm  
Oct 03— Market Steer and Swine Sale, 6:30 pm  
Oct 05— Dairy Show, 11:00 am  
Oct 6-12—National 4-H Week  
Oct 21— Adult Meeting, 6 pm, classroom



# Lucky Clover Chronicle

By:

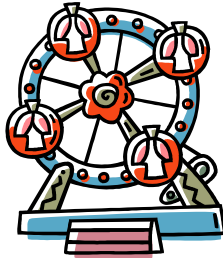
*Shaina Bennett,  
4-H Extension Agent*



## The Fair is in the Air!

This year is flying by! The fair is already here! Please be sure to stop by the 4-H booth in the exhibit building and visit!

Remember to support your fellow 4-H members that are showing animals or exhibiting in the home arts, plant, or table setting divisions. Also, those participating in the home arts or horticulture division will receive an additional \$1 premium from 4-H.



### Events:

- Sep 30– Sheep/Beef/Heifer Show, 6pm
- Oct 01– Steer Show, 7pm
- Oct 02– Swine Show, 7 pm
- Oct 03– Market Steer and Swine Sale, 6:30 pm
- Oct 05– Dairy Show, 11:00 am
- Oct 6-12—National 4-H Week
- Oct 21– Adult Meeting, 6 pm, classroom



Us! [www.facebook.com/bakerco4h](http://www.facebook.com/bakerco4h)

### Birthdays for October:

Wishing all of you a very **happy birthday** from the Baker County Extension Office!

- Oct 02—Mr. Tom Fink
- Oct 08—Tucker Crawford
- Oct 12—Alex Hill
- Oct 13—Lucas North
- Oct 28—Sabrina Seaman
- Oct 31—Hannah Harvey



### Special Guest Speaker


Scott Read, Florida 4-H State Council Treasurer, will be speaking at the All County 4-H Club meeting on October 15th at 6 pm in the 4-H Classroom. Mr. Read is from Duval County and has been a 4-H member for eight years. He has held multiple offices and has done a variety of 4-H projects from bicycles to citizenship, and even sewing! Scott will speak about his 4-H experiences and some different opportunities that 4-H has to offer. Everyone from all different clubs are strongly encouraged to come and hear what he has to say about 4-H!

Enrollment and re-enrollment for 4-H is now 100% digital. You can go to <http://bit.ly/IVY456> to enroll for the new 4-H year. However, you will not be approved without paying your \$1 insurance fee. Please do this as soon as you register for the new 4-H year at the Extension Office.

### !! 4-H Cookie Party !!



Come learn how to make homemade cookies for the upcoming holiday season as well as how to make icing, and different ways to make gifts with cookies! We will make cookies, eat cookies, talk cookies, and gift cookies! When: Wednesday, November 13th from 3 to 5 pm. Where: 4-H Classroom, Baker County Extension Office. Cost: \$5 per youth, ages 8-13. Please register by November 6th at 5 pm.

**Did You Know:** 94 percent of all youth in the United States of America go trick-or-treating?   
Come pick up a free 4-H Trick-Or-Treat bag from the office!

### Parents

There will be an Adult Meeting on October 21st, at 6:00 pm in the classroom.

Your attendance is appreciated.

Please RSVP by October 16th, 259-3520.



## Weed Species Spotlight - Cogongrass

Cogongrass is an aggressive, rhizomatous, perennial grass that is distributed throughout the tropical and subtropical regions of the world. It has become established in the southeastern United States within the last fifty years, with Alabama, Mississippi, and Florida having extensive acreage of roadway and pasture infested with cogongrass.

Control: Cogongrass is a very difficult species to control. For areas of pasture and forage, portions of the areas will often have to be sacrificed for the season to achieve control. Glyphosate (Roundup® Pro, Razor® Pro, Accord® XRTII) at 4% solution and imazapyr (Arsenal AC®, Chopper® Gen2, E-Pro® 4, Polaris® AC) at 0.5—1% solution applied in the fall can be effective. Spray the plants until the leaves are wet, but not to the point of runoff. After application, monitor the site to ensure that the cogongrass does not return. Other desirable pasture grasses should be established as quickly as possible.



Image Source: Chris Evans, River to River  
CWMA, Bugwood.org

Glyphosate has no residual activity in the soil, and can be safely used around desirable vegetation such as trees, shrubs; providing that the glyphosate applications do not contact the foliage or green stem tissue. However, imazapyr has considerable soil residual activity and areas treated with imazapyr will often be devoid of vegetation for 6 months to one year. In addition, desirable vegetation, especially oaks and other hardwood tree species present within or in close proximity to the treated cogongrass, may be killed or severely injured. This will occur if imazapyr contacts the foliage or is taken up through the roots. Often legume species and certain composite species may colonize the area first, due to their tolerance to imazapyr.

### Important Considerations

- If you are spraying under pines – glyphosate or imazapyr or a combination of these herbicides can be used.
- If you are spraying over the top of pine seedlings – don't use glyphosate products, use Arsenal® AC instead.
- If you are spraying around or under hardwood trees that you want to keep – don't use imazapyr products like Arsenal® AC or Chopper®, use glyphosate products instead (don't spray hardwood foliage).



Image Source: Jeffrey W. Lotz, Florida  
Department of Agriculture and Consumer  
Services, Bugwood.org

Sources: Cogongrass (*Imperata cylindrica* (L.) Beauv.) Biology, Ecology and Management in Florida, SS-AGR-52, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, G. E. MacDonald, B. J. Brecke, J. F. Gaffney, K. A. Langeland, J. A. Ferrell and B. A. Sellers.

Biology and Management of Cogongrass, FOR191, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Rick Williams and Patrick J. Minogue.

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Website: <http://baker.ifas.ufl.edu>

ADDRESS SERVICE REQUESTED

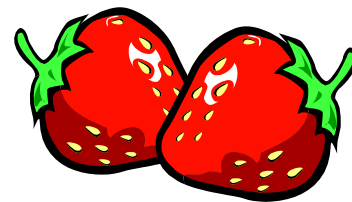
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Macclenny FL 32063

Extension programs are open to all people regardless of race, color, age, sex, handicap, or national origin. In accordance with the Americans with Disabilities Act, any person needing a special accommodation to participate in any activity, should contact the Baker County Cooperative Extension Service at 1025 West Macclenny Avenue, Macclenny, FL 32063 or telephone (904) 259-3520 no later than five (5) days prior to the event. Hearing impaired persons can access the foregoing telephone by contacting the Florida Relay Service at 1-800-955-8770 (voice) or 1-800-955-8771 (TDD).



***Don't forget to  
pre-order your  
Daffodil Bulbs!***

Full color order forms were located in last month's newsletter, but are also available for download from our website (<http://baker.ifas.ufl.edu>). Forms may also be picked from the Baker County Extension Office.



***Order Your 'Camarosa'  
Strawberry Plants Today!***

Check out information on this new variety and see ordering information on Page 3 in this newsletter.