



The Baker Bulletin

A
Baker County
Extension
Service Monthly
Newsletter

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Dear Extension Friends,

We have wonderful 4-H members doing wonderful things for their 4-H clubs and the community, and we are proud to honor their achievements this month during the annual awards ceremony. If you know a child who might like to get involved in 4-H, please bring them to next month's Extension Open House event. You'll be able to explore all that 4-H has to offer plus receive gardening advice and enjoy giveaways and a free raffle (see page 3 for more information). We hope to see you there!

Sincerely,

Alicia

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

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)

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Summer Fruit Pruning

While most fruit pruning jobs are completed during the winter dormant season, some fruiting plants also require attention during the summer and fall months.

Peaches/Nectarines/Plums:

In the dormant season, major pruning involves maintaining the overall height of the tree canopy as well as maintaining the open center of the canopy which allows light in to stimulate growth of new fruiting wood and improve fruit quality. Lighter pruning for the same reasons can be accomplished during the summer after fruit is harvested. For videos on peach pruning and more, visit: http://trec.ifas.ufl.edu/fruitscapes/Fruitscapes-videos/peaches/playlist1/peach_tree_pruning.shtml

Figs:

Established plants can be pruned after fruit harvest to eliminate dead or diseased limbs, limbs that cross each other especially if rubbing together, and to remove long slender "water sprouts". Larger plants can be trimmed back to maintain the bushy shape and make reaching fruit easier.

Blueberries:

Established plants can be topped to control height and encourage branching after fruit is harvested. Depending on the size of the bush, the canopy height can be reduced by several inches up to a foot or more. This prevents plants from becoming too tall and will stimulate new growth that will become next year's crop.

Blackberries: (late summer to fall)

Blackberries produce fruit on one year old canes, known as floricanes. These were vegetative canes (called primocanes) the previous year. After fruiting, floricanes dry up and die. They should be pruned out and removed at the ground or crown level as soon as they die. In a healthy blackberry stand, five to six canes per foot of row is ideal after pruning, and blackberries can form a solid hedgerow.

Crape Myrtles

The Crape Myrtle has become a dominant landscape plant in Florida. Breeding programs over the last 30 years have produced superior forms with a wide range of plant sizes, habits, flower colors, ornamental bark and foliage.

Crape Myrtles come in all sizes:

- Dwarf (> 4 feet)
- Semi-Dwarf (> 12 feet)
- Intermediate (> 20 feet)
- Tree (< 20 feet)

Valued for its prolific summer flowers, heat and drought tolerance, and year-round landscape interest. Flowering begins as early as May in some cultivars and continues into the fall. Flower colors include shades of purple, lavender, white, pink and red, including "true" red. Some cultivars have bicolor flowers (two colors on each petal), some cultivars have flower colors that fade with age, and other cultivars have panicles with a mix of flower colors.



Many cultivars feature beautiful, colorful bark. Strips of bark peel off in early summer to reveal mottled new bark ranging in color from pale cream to dark cinnamon to rich brown to bright orange. The bark color gradually fades over winter until it peels again the next summer.



For a list of cultivars and their characteristics that will help you determine which crape myrtle is right for your landscape, read *Crapemyrtle in Florida* @ <http://edis.ifas.ufl.edu/mg266>

UF/IFAS Extension Open House

Saturday, September 09, 2017
9:00am - 11:00am



BAKER COUNTY AGRICULTURAL CENTER

Explore all that UF/IFAS Extension has to offer!

Meet 4-H clubs and sign up for the new year

Receive gardening advice & giveaways courtesy of Master Gardeners

Plant Sale & Growing Microgreens Classes (every 30 min.)

Free Raffle for gift basket!



BAKER COUNTY 4-H ANNUAL AWARDS

TUESDAY, AUGUST 8 AT 7PM

BAKER COUNTY AGRICULTURAL CENTER

Refreshments and games to follow program.

**4-H members receive awards from their club,
member pins, cloverpoint awards and others!**

Please call 259-3520 to RSVP by August 3rd!



August 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1  4-H Clover-points & Project Summaries Forms Due	2	3	4  Applications Due	5
6	7  Cloverleaf Cloggers	8  4-H Awards Program 7pm	9	10	11	12
13	14  Cloverleaf Cloggers	15	16	17	18	19
20	21  Cloverleaf Cloggers	22  Livestock Club	23	24	25	26
27	28  Cloverleaf Cloggers	29	30	31		

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



Agriculture

Upcoming Programs & Events

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

August 4 **2017 Master Gardener Volunteer Training Applications Due** If you live in Baker County and enjoy helping others, the Baker County Master Gardener Program could be for you. The Extension Office provides extensive training for volunteers who provide gardening advice to community in return. Volunteer training classes are planned for Tuesdays and Thursdays from September 5th to October 5th. The training cost covers class materials, reference books, and supplies. Questions? Call Alicia at (904) 259-3520. Applications available at: http://baker.ifas.ufl.edu/Horticulture/master_gardener.html

August 8 **Baker County 4-H Awards Program, 7pm at the Baker County Agricultural Center.** Member awards, Cloverpoints awards, Project Book awards, club awards given to 4-H members. 4-H families are encouraged to attend! Refreshments will be provided.

Sept 9 **Baker County Extension Open House & 4-H Kickoff, 9am-11am, at the Baker County Agricultural Center.** Explore all that your Baker County Extension Office has to offer! Meet the local 4-H clubs and sign up for the new year. Receive gardening advice and giveaways courtesy of Baker County Master Gardeners. Growing Microgreens classes will be held every 30 minutes free of charge. Microgreen kits will be available for purchase (\$5 each, pre-orders welcome) as well as a variety of landscape plants for your garden. Enter our free raffle for a gift basket while you're here! For more information, call (904) 259-3520.

Sept 25 **Building Your Own Farm's Food Safety Manual Workshop. Straughn Center, 2142 Shealy Dr., Gainesville, FL 32608.** This program is a one-day workshop to help growers develop their own food safety manuals. It is targeted to fresh fruit and/or vegetable farming operations, field or greenhouse. The workshop is limited to 20 farms on a first come, first serve basis. For more information contact: Tatiana Sanchez at (352)955-2402. More information at http://smallfarms.ifas.ufl.edu/farm_fs_manual.html.



4-H Club Meetings

Cloverleaf Cloggers — Every Monday at 7pm in the auditorium. Contact club leader or office to confirm.

Livestock Club — Fourth Tuesday of each month at 6pm In the auditorium. Go to Baker County 4-H Livestock Club Facebook Page. Next meeting: August 22, 6pm, Ag Center.

Outdoors/Shooting Sports Club—For more information, go to Baker County 4-H Outdoors Club Facebook page.

 **4-H Forms Due** 
August 1st

- ◆ **4-H Cloverpoints Forms Due**
- ◆ **4-H Project Summaries Due**

**Overall Cloverpoints winner
will receive \$50 prize!**

Lucky Clover Chronicle

By:
Shaina Spann,
4-H Agent

Upcoming 4-H Events

August

08- 4-H Awards Ceremony, Auditorium, 7:00pm
15- 4Honline DOWN for maintenance
17- 4Honline REOPENS for new 4-H Year
28-31- Extension Conference, Mrs. Shaina out of office

September

01- NEW 4-H YEAR BEGINS!!!!
09- 4-H Kick-Off, Parking Lot, 9am-11am
29- Baker County Fair Begins

Baker County  **Awards Program**

Tuesday, August 8 at 7pm

Baker County Agricultural Center

Please call 259-3520 to RSVP by August 3rd!

4-H Camp Cherry Lake 2017!

This year we had a blast at Camp Cherry Lake!!! Twenty youth, the largest number in many years, from Baker County attended camp. The theme for camp was circus, which many of the activities were based on. Campers participated in Marshmallow Paint War, Creative Dramatics, Sports Fishing, Outdoor Skills, Duct Tape Creations, and so much more! This week was such a great time, and we can't wait for next year already!!



Backyard Poultry Diseases & Treatments

Backyard poultry are a good way to have 'homegrown' meat and eggs, but there are certain diseases that owners should be on the lookout for in their poultry flocks. Most of these diseases are not transferrable to humans, but they can have a detrimental effect on the productivity of your birds. If you have questions about your backyard poultry flock, please do not hesitate to contact the County Extension Office for assistance.



Bumblefoot—Bumblefoot is a localized infection of *Staphylococcus aureus* bacteria in the foot. It is typically caused by a puncture wound to the foot. This infection is characterized by lameness and swelling of the foot pads. Treatment with antibiotics such as penicillin, erythromycin and novobiocin will eliminate the bacteria.

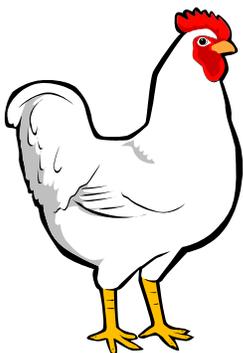
Avian Pox—This disease is commonly referred to as fowl pox. There are three types of virus that can cause disease in chickens. Visible lesions can be either dry and wart-like on the skin or they can be wet and found in the mouth and respiratory tract. One or both types of lesions can appear. The disease will usually run its course through an animal within 3 to 5 weeks after appearance of symptoms. Young birds with this disease will show a slowness of growth, while laying hens will have a drop in egg production. There is no treatment for birds with the infection; however, birds can be vaccinated after hatch.

Infectious Coryza—This disease is caused by a bacterium, *Hemophilus paragallinarum*. The bacterium does not survive long outside a host, so bird-to-bird transmission is the most common way that the disease is spread. This is an acute respiratory infection that causes nasal discharge, sneezing, depression and swelling of the face and wattles. Mortality can be as high as 50% and the disease usually runs its course in 2 to 3 months. Antibiotics and sulfa drugs can be used to treat this disease, although sulfa drugs should not be administered to laying flocks. Vaccinations for this disease are available.

Coccidiosis—This disease is caused by a protozoa and there are nine species that can infect chickens. Coccidiosis primarily affects young birds, but older birds can become infected. The disease is spread primarily via feces and litter. The protozoa causes lesions in the intestinal tract that result in depression, diarrhea, weakness and decreased food and water consumption. Advanced cases of coccidiosis can cause high mortality. There are many drugs that are effective against this disease and are commonly referred to as coccidiostats. Many starter feeds have a coccidiostat in the feed. Using these types of starter feeds along with good husbandry will help to prevent the disease.

External Parasites (Lice & Mites) - External parasites cause general unthriftiness in birds and can lead to open sores which can lead to other bacterial or viral infections. If you suspect that your birds have lice and/or mites, there are many commercial insecticides that can be used, mainly in spray or dust form.

Vitamin Deficiencies—There are many vitamin deficiencies that chickens are susceptible to. To combat these, make sure to use a well balanced ration. If you range your birds, remember that birds can only get about 15% of their daily nutritional needs met from range (insects, grass, etc.). Also remember to not unbalance a good ration by overfeeding scratch or table scraps.



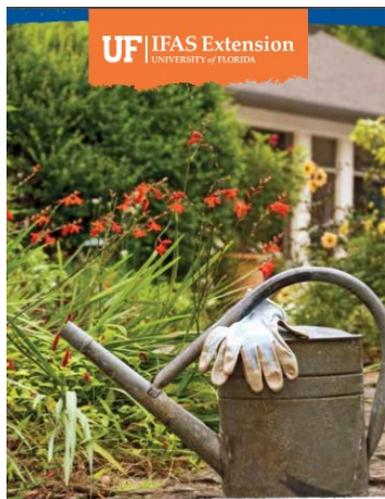
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Extension programs are open to all people regardless of race, color, age, sex, handicap, or national origin. In accordance with the Americans with Disabilities Act, any person needing a special accommodation to participate in any activity, should contact 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).



UF/IFAS EXTENSION
BAKER COUNTY

FLORIDA

MASTER

GARDENER



2017 Master Gardener Volunteer Training

If you live in Baker County and enjoy helping others, the Baker County Master Gardener Program could be for you. The Extension Office provides extensive training for volunteers who provide service to the community in return.

Volunteer training classes are planned for Tuesdays and Thursdays during a 5-week period starting on September 5th. The cost of the training covers class materials, reference books, and supplies.

Questions? Call Alicia at (904) 259-3520.

Applications available at:

http://baker.ifas.ufl.edu/Horticulture/master_gardener.html

Applications due August 4th