Dear Extension Friends,

Thank you for your continued support of the UF/IFAS Baker County Extension Service. This month’s newsletter contains information on what to plant in October (page 2). There is also information for the annual daffodil bulb sale and strawberry plant sale (pages 2 & 8, respectively). The 4-H page (page 6) contains information on upcoming 4-H events in Baker County and the Agriculture section (pages 3 & 7) contains information on cool-season forages. It’s also Fair Time, so please stop by the Extension and Horticulture booths at the Baker County Fair which runs from September 30 to October 8. As always, if we can help you in any way, please do not hesitate to contact us.

Sincerely,

Michael A. Davis
Director / Agriculture Agent
UF/IFAS Extension Baker County

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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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WHAT TO PLANT IN NORTH FLORIDA

OCTOBER

WHAT TO PLANT IN NORTH FLORIDA

**FLOWERS**
- Alyssum
- Baby’s Breath
- Calendula
- Dianthus
- Dusty Miller
- Foxglove
- Geranium
- Hollyhock
- Ornamental Cabbage/Kale
- Pansy
- Petunia
- Snapdragon
- Verbena
- Viola

**VEGETABLES**
- Arugula
- Broccoli
- Brussels Sprouts
- Cabbage
- Carrots
- Cauliflower
- Celery
- Chinese Cabbage
- Collards
- Endive/Escarole
- Kale
- Kohlrabi
- Lettuce
- Mustard
- Onions, bunching & bulbing
- Radish
- Spinach
- Strawberries
- Swiss Chard
- Turnips

**PLANT SELECTION & FERTILIZING TIPS**
- Choose adapted varieties with resistance or tolerance to nematodes and common diseases.
- Purchase healthy transplants that are free of insects and disease symptoms (such as leaf spots or blights).
- Avoid vegetable transplants that are already flowering. Consider growing your own transplants from seed.
- Controlled-release fertilizers provide a continuous nutrient supply over an extended period of time. For best results, apply at the labeled rate or based on your soil test results.

**RESOURCES:**
- Gardening with Annuals in Florida
- Florida Vegetable Gardening Guide

**Baker County Master Gardener 2016 Daffodil Bulb Fundraiser**

- **Cragford**
  - Short plant with 2-4 white ruffled petals and a small orange cup. Fragrant.
  - 14” February

- **Double Campernelli**
  - 10-12” Early February

- **Gigantic Star**
  - Large yellow flowers. Likes full sun and well-drained soil.
  - 18-24” Late February

- **Quail**
  - 2-3 golden yellow flowers. Excellent fragrance. Wister award winner.
  - 12-14” February

- **Silver Chimes**
  - 8-12 large, fragrant all-white florets to a stem. Multiplies well.
  - 16” Mid-March

- **Waterperry**
  - 2 flowers per stem, apricot colored cups. Needs partial shade and moderate water.
  - 12” Early March

Each variety is 5 bulbs for $3.00

Estimated delivery is mid-October.

Pre-order today by calling (904) 259-3520.
Cool-Season Forage Variety Recommendations

Please note that the following information (including tables) is adapted from an upcoming EDIS Publication entitled *2016 Cool-Season Forage Variety Recommendations for Florida*. Contributors to the EDIS publication are: Ann Blount, Patricio Munoz, Jose Dubeux, Joao Vendramini, Ali Babar, Kevin Kenworthy, and Ken Quesenberry.

With summer over and cooler weather on the way, many producers are ready to begin planning cool-season forage crops. As with any planting, the availability of moisture is key. Current predictions call for sufficient rainfall during the fall planting window. It is also important to note that there may be other suitable varieties different from the recommended ones listed. The recommended varieties are based on multi-location, multi-year testing under Florida growing conditions. Finally, you should consider the following points if you plan to plant cool-season forages:

1. The suggested seeding rate for small grains is 90 to 120 lbs. per acre. If you are planting a mixture of cool season forages, you should adjust the seeding rate for each component to half of the recommended rate.
2. If you plant late in the season, use the higher end of the recommended seeding rate for each forage.
3. If the planting area is not irrigated, there is risk involved with planting cool-season forages.
4. If you are planting on non-irrigated land, remember that small grains are more drought tolerant than ryegrass.
5. When planting ryegrass (alone or in mixture), make sure to choose wetter sites as ryegrass needs the moisture for establishment and growth.
6. Vetch and winter peas are considered to be fairly drought tolerant.
7. Clover species prefer good moisture for germination and establishment. Of the varieties, white clover is least tolerant to dry soils, while the crimson, red, arrowleaf, and ball varieties tend to be more tolerant of well-drained soils.

Listed below are the current recommended varieties of Cool-Season Forages:

<table>
<thead>
<tr>
<th>Forage Type</th>
<th>Recommended Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oat</td>
<td>Horizon 201&lt;br&gt;SS 76-50&lt;br&gt;RAM LA 99016&lt;br&gt;Legend 567&lt;br&gt;Horizon 306</td>
</tr>
<tr>
<td>Rye</td>
<td>FL 401 (very early)&lt;br&gt;FL 104&lt;br&gt;Wrens Abruzzi&lt;br&gt;Elbon&lt;br&gt;Bates RS4&lt;br&gt;Oklon</td>
</tr>
<tr>
<td>Wheat</td>
<td>AGS 238&lt;br&gt;SS8641&lt;br&gt;Southern Harvest 550</td>
</tr>
<tr>
<td>Triticale</td>
<td>Trical 342&lt;br&gt;Monarch&lt;br&gt;SS1414</td>
</tr>
<tr>
<td>Ryegrass</td>
<td>Attain&lt;br&gt;Big Boss&lt;br&gt;Bulldog Grazer&lt;br&gt;Verdure&lt;br&gt;Prine&lt;br&gt;Diamond T&lt;br&gt;Earlyploid&lt;br&gt;Flying A&lt;br&gt;Jumbo&lt;br&gt;Passeral Plus&lt;br&gt;Nelson&lt;br&gt;Fria&lt;br&gt;TAMTBO&lt;br&gt;Winterhawk&lt;br&gt;Marshall (susc. To gray leaf spot and rust)</td>
</tr>
<tr>
<td>White Clover</td>
<td>Ocoee&lt;br&gt;Osceola&lt;br&gt;Louisiana S-1&lt;br&gt;Regalgraze&lt;br&gt;Regal Ladino&lt;br&gt;Durana</td>
</tr>
<tr>
<td>Red Clover</td>
<td>Southern Belle&lt;br&gt;Barduro&lt;br&gt;Red Ace</td>
</tr>
<tr>
<td>Crimson Clover</td>
<td>Dixie&lt;br&gt;AU-Robin</td>
</tr>
<tr>
<td>Arrowleaf Clover</td>
<td>Apache&lt;br&gt;Blackhawk</td>
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<tr>
<td>Alfalfa</td>
<td>Bulldog 805&lt;br&gt;Alfagraze 600RR</td>
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<tr>
<td>Vetch</td>
<td>Hairy&lt;br&gt;Cahaba White&lt;br&gt;Nov a II</td>
</tr>
<tr>
<td>Winter Pea</td>
<td>Austrian (common)&lt;br&gt;Maple&lt;br&gt;Whistler</td>
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</tbody>
</table>

*Continued on Page 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.

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
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<th>Sat</th>
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<td>SEP 30</td>
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<td><strong>Baker County Fair</strong></td>
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</tbody>
</table>

October 2016
Upcoming Programs & Events

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

Oct. 27

Certified Pile Burn Course, 8:30am to 4:30pm, Bradford County Fairgrounds, Starke, FL. This course is a cooperation between the Florida Forest Service and the Florida Cooperative Extension Service and will show you how to burn piles legally, safely, and efficiently. Registration is $50 per person and is required for the event. For additional information and information on how to register, please contact the Bradford County Extension Service at 904-966-6299 or visit http://bradford.ifas.ufl.edu/documents/BradfordCertifiedPileBurnerAdfor10_27_16.pdf.

Oct. 28

Produce Safety Alliance Grower Training, 8:30am to 5:00pm, UF/IFAS Extension Suwannee County, 1302 11th St. SW, Live Oak, FL 32064. The course will provide a foundation of Good Agricultural Practices (GAPs) and co-management information, FSMA Produce Safety Rule requirements, and details on how to develop a farm food safety plan. After attending the entire course, participants will be eligible to receive a certificate from the Association of Food and Drug Officials (AFDO) that verifies that they have completed the training course. Prospective attendees include fruit and vegetable growers interested in learning about produce safety, the Food Safety Modernization Act (FSMA) Produce Safety Rule, Good Agricultural Practices, and co-management of natural resources and food safety. Registration for the event is $150 per person. For additional information or to register, please visit http://psa102816.eventbrite.com.

Join us at the Baker County Fair, which runs from September 30 to October 8, 2016. For additional information about the Fair, please visit http://www.bakercountyfair.com/.

4-H Club Meetings

New SPIN Club—ARCHERY— For six weeks only:
Oct 20, 27 & Nov 3, 10, 17, 21 @ 6pm. Ag Center.

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

Livestock Club — Fourth Tuesday of each month at 6pm In the auditorium. Livestock Club will not meet in October due to the Fair.

4-H PARENT MEETING!
November 15th @ 6:30pm
Auditorium

Important information will be discussed.
It is suggested that everyone attend.
Birthdays for October:
Wishing you all a Happy Birthday!

01– Corley Sweat
08– Tucker Crawford
10– Viola Panter
12– Alex Hill
17– Ashlhynn Harris

Our new phone application is live on Google Play and iTunes!
Search for Baker County 4-H and download it like any other app, no special codes or cost required.
Here is what it looks like!
Thanks to AppMakr for helping create this!

PARENT MEETING!
November 15th @ 6:30pm
Auditorium
Important information will be discussed.
It is suggested that everyone attend.

Upcoming 4-H Events

October
01– Open Swine Show @ 6pm
02– Large Animal Check-in 2-6pm; Exhibitor Meeting 6pm
03– Poultry Show @ 4pm; Showmanship @ 6pm; Rabbits Following
04– Sheep Show @ 6pm followed by Goat Show, Reg. Beef Show, Comm. Heifer Show, Steer Show
05– Swine Show @ 7pm
06– Steer & Swine Market Sale @ 6:30pm
08– Market Pullet Sale @ 11am—Pullet participants should bring a quiche, breakfast casserole, etc... AND thank you gift/basket for buyers.

November
15– Parent Meeting @ 6:30pm, Ag Center Auditorium
18– Deadline to register for LAW

December
02-03– Leadership Adventure Weekend (LAW), Camp Cloverleaf, Sebring, FL
09– 4-H Holiday Bake-Off drop off time: Friday-7:30am-10am (if you need an earlier time get with Mrs. Shaina) Awards: 6:30pm
4-H Holiday Party– 7:00pm bring an appetizer!

4-H HOLIDAY PARTY
PAJAMAS & PENGUINS

Wear your jammies and bring an appetizer for the 4-H Holiday Party!
The Holiday Bake-Off Awards will begin at 6:30pm and the party at 7pm!

When:   December 9,  2016
Time:     6:30 pm
Where:  Ag Center Auditorium
What to bring: Appetizer & Household items to donate to Blessing Boxes
(laundry soap, small bags of dog food, hand/face wipes, etc.)

We will enjoy the Holiday Bake-Off desserts to eat and play games!!
# Ag & Natural Resources Notes

By: Michael Davis, Agriculture Agent

## Forage Type

<table>
<thead>
<tr>
<th>Forage Type</th>
<th>Recommended Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balsana Ball Clover</td>
<td>Fixation, Don, Grazer’s Select, Segrest</td>
</tr>
<tr>
<td>Berseem Clover</td>
<td>Bigbee, Armadillo Burr, Frosty, Devine Little Burr, Frost</td>
</tr>
<tr>
<td>Medic Lupine</td>
<td>Tifblue, Tifwhite</td>
</tr>
</tbody>
</table>

## Crop Planting Dates, Seeding Rate, Seeding Depth, Grazing Height, Rest Period

<table>
<thead>
<tr>
<th>Crop</th>
<th>Planting Dates</th>
<th>Seeding Rate (lb. per acre, broadcast)</th>
<th>Seeding Depth (inches)</th>
<th>Grazing Height (inches) Begin</th>
<th>End</th>
<th>Rest Period (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>10/1 - 11/15</td>
<td>15 - 20</td>
<td>1/4 - 1/2</td>
<td>10 - 16</td>
<td>3 - 4</td>
<td>Hay: 35 - 40, Grazing: 15 - 30</td>
</tr>
<tr>
<td>Arrowleaf Clover</td>
<td>10/1 - 11/15</td>
<td>8 - 12</td>
<td>0 - 1/2</td>
<td>8 - 10</td>
<td>3 - 5</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Ball Clover</td>
<td>10/1 - 11/15</td>
<td>2 - 3</td>
<td>0 - 1/4</td>
<td>6 - 8</td>
<td>1 - 3</td>
<td>7 - 15</td>
</tr>
<tr>
<td>Berseem Clover</td>
<td>10/1 - 11/15</td>
<td>15 - 20</td>
<td>1/4 - 1/2</td>
<td>8 - 10</td>
<td>3 - 5</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Crimson Clover</td>
<td>10/1 - 11/15</td>
<td>20 - 25</td>
<td>1/4 - 1/2</td>
<td>8 - 10</td>
<td>3 - 5</td>
<td>10 - 20</td>
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<tr>
<td>Red Clover</td>
<td>10/1 - 11/15</td>
<td>10 - 15</td>
<td>1/4 - 1/2</td>
<td>8 - 10</td>
<td>3 - 5</td>
<td>10 - 20</td>
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<tr>
<td>Subterranean Clover</td>
<td>10/1 - 11/15</td>
<td>15 - 20</td>
<td>1/4 - 1/2</td>
<td>6 - 8</td>
<td>1 - 3</td>
<td>7 - 15</td>
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<tr>
<td>White Clover</td>
<td>10/1 - 11/15</td>
<td>3 - 4</td>
<td>0 - 1/4</td>
<td>6 - 8</td>
<td>1 - 3</td>
<td>7 - 15</td>
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<tr>
<td>Tall Fescue</td>
<td>11/1 - 12/15</td>
<td>20 - 25</td>
<td>1/4 - 1/2</td>
<td>4—8</td>
<td>2 - 3</td>
<td>15 - 30</td>
</tr>
<tr>
<td>Oats for Forage</td>
<td>9/15 - 11/15</td>
<td>100 - 120</td>
<td>1 - 2</td>
<td>8—12</td>
<td>3 - 5</td>
<td>7 - 15</td>
</tr>
<tr>
<td>Austrian Winter Pea</td>
<td>10/1 - 11/15</td>
<td>40 - 60</td>
<td>1/2 - 1</td>
<td>Because of poor grazing tolerance, the Austrian Winter Pea is better suited as a hay or silage crop</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rye for Forage</td>
<td>10/15 - 11/15</td>
<td>90 - 120</td>
<td>1 - 2</td>
<td>8 - 12</td>
<td>3 - 4</td>
<td>7 - 15</td>
</tr>
<tr>
<td>Annual Ryegrass</td>
<td>10/1 - 11/15</td>
<td>20 - 30</td>
<td>0 - 1/2</td>
<td>6 - 12</td>
<td>3 - 4</td>
<td>7 - 15</td>
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<tr>
<td>Sweetclover</td>
<td>10/1 - 11/15</td>
<td>15 - 15</td>
<td>1/4 - 1/2</td>
<td>8 - 10</td>
<td>3 - 5</td>
<td>10 - 20</td>
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<tr>
<td>Turnips</td>
<td>10/1 - 11/15</td>
<td>5 - 6</td>
<td>1/4 - 1/2</td>
<td>6 - 8</td>
<td>2 - 3</td>
<td>Varies</td>
</tr>
<tr>
<td>Hairy Vetch</td>
<td>10/1 - 11/15</td>
<td>20 - 30</td>
<td>1 - 2</td>
<td>6 - 8</td>
<td>3 - 4</td>
<td>Varies</td>
</tr>
<tr>
<td>Wheat for Forage</td>
<td>10/15 - 11/15</td>
<td>90 - 120</td>
<td>1 - 2</td>
<td>8—12</td>
<td>3 - 5</td>
<td>7 - 15</td>
</tr>
<tr>
<td>Triticale for Silage</td>
<td>10/15 - 11/15</td>
<td>90 - 120</td>
<td>1 - 2</td>
<td>Harvest triticale for silage at the milk or soft dough stage of maturity.</td>
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</tr>
</tbody>
</table>

1| For the date ranges given, crops in northern Florida should be planted at the beginning of the range, with southern Florida at the end.
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).