MEMORANDUM

To: County Agents with 4-H Livestock Responsibilities

From: Larry Eubanks, Chad Carr, & Chris Strong

Re: Hog & Ham

The Florida 4-H Hog and Ham Program is a statewide 4-H program which takes the participant through the total process of pork production from beginning to end. Youth select a feeder pig and grow it to harvesting weight, all the while keeping records on feed amounts and costs, health care, expenses, weights, etc. After harvesting the hog and processing it into wholesale or retail cuts, 4-H'ers cure the hams and prepare bacon and sausage for smoking. The project concludes by participating in a retail comparison project, completing a record book, and presenting a demonstration or illustrated talk to the other participants.

In order to participate in the 2015 program, participation in the Hog & Ham Workshop on January 19 is required. However, if a youth completed the 2014 program he/she is not required to attend the 2015 workshop to participate in the 2015 program. Please see the workshop memo/webpage for more information and registration details.

Enrollment in Hog & Ham is limited to a maximum of 30 4-H members. The number of youth per county will be determined by the number of counties participating. Counties must fill out a Hog & Ham participant application form and mail or fax it so that it is received by Friday, February 20. If you have a number of youth interested, you are welcome to give input on what order you think they should be accepted. If less than 30 pigs are weighed in, we will contact counties that have additional requests.

Please carefully review the online guidelines and registration information/changes for the 2015 Hog & Ham program. Some key procedures and reminders for the 2015 program are:

• There will be a Pig Selection Day at UF on March 14. Youth may choose to come to purchase their pigs at UF and will draw for an order to select their pigs. This is not a required portion of the program, but it might make it easier for youth to find a feeder pig.

• Sending beginning pictures of the pig, facilities, and feed tag are optional. These may be sent to faculty for feedback/advice at any time, but are not required.

• And for the demonstrations at the end, Power Point will be used for any visuals as opposed to posters.

(continued on next page)
A current version of the projected cost analysis sheet is linked with the application material (please do not use any older versions of this sheet). The selected participants (not a parent/leader/agent) should complete the entire sheet with projected costs and turn in the form after weigh-in with their $70 entry fees. After pigs are weighed-in, the appropriate number of Hog & Ham Project Books will be mailed to each county. Please do not use any previous versions of the project book to turn in. The “Updated 2015” version may be slightly revised, but the information asked should be very close to what was used for the 2011-14 programs. That version may be used for reference on what records to keep, but a new 2015 project book will be provided.

The beginning weigh-in of the pigs may be at any time during the weekend of March 13-16. Note that the pigs will be weighed at the county only at the beginning of the project. The ‘final weight’ of the pig will again be calculated using carcass weight and a standard dressing percentage. Only the carcass weight will be measured on certified scales in Gainesville.

Please be sure that potential participants can commit to all the required dates so they can complete the entire program. Youth who drop out without completing every phase of the program may not be allowed to participate the following year.

All of this information, and more, is online (http://www.animal.ifas.ufl.edu/youth/) so everyone should have ample access to the scheduled dates. We look forward to another successful year.
MEMORANDUM

To: County Agents with 4-H Livestock Responsibilities

From: Larry Eubanks, Chad Carr, Chris Strong

Re: Hog & Ham Workshops

In an effort to familiarize everyone with the Hog & Ham program and provide them with the background information needed for success, a workshop will be conducted before the beginning of the program. All new youth are required to attend this workshop to participate in the Hog & Ham program. Youth who completed all four phases of the 2014 program (harvested a hog, retail audit, project book, demonstration) are not required to attend the Workshop. However, they are still welcome and encouraged to attend.

   - Register by January 14, 2015.

Participation is open to youth (12 and older as of 9-1-14), parents, leaders, agents, or anyone with interest in the Hog & Ham program. The information to be presented is vital to the youth getting something out of this program beyond a freezer full of pork. Please note that attending the workshop does not commit a youth to participating in Hog & Ham. But a youth must have attended the Workshop to apply for the program.

The workshop is scheduled to be a full day program (9:00 a.m. to 3:30 p.m., check-in at 8:30). Topics include an overview of the swine industry, sources and selection of feeder pigs, feeding and health management, the pork product, and insight on the other phases of the program (record book, demonstration, and retail audit). The full tentative schedule will be available online later (http://www.animal.ifas.ufl.edu/youth/livestock/HogHam.shtml).

All prospective attendees should register for the event and lunch online at https://www.eventbrite.com/e/hog-and-ham-workshop-tickets-14579534781.

If you have any questions, please feel free to call or email chadcarr@ufl.edu or 352-392-2454.

The Foundation for The Gator Nation
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### 2015 HOG AND HAM SCHEDULE OF ACTIVITIES

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>January 19</td>
<td><strong>Workshop in Gainesville, required for all participants</strong> (except those who completed all of 2014 program).</td>
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<tr>
<td>February 20</td>
<td>Applications for participation due.</td>
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<tr>
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<td>27 Agents notified as to participants selected.</td>
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<tr>
<td>March 13-16</td>
<td>Beginning weigh-in on certified scales in county; take beginning photo of pig.</td>
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<tr>
<td>March 14</td>
<td><strong>UF Pig Selection Day</strong></td>
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<td></td>
<td>16 Email <a href="mailto:chadcarr@ufl.edu">chadcarr@ufl.edu</a> with participant names completing weigh-in.</td>
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<tr>
<td></td>
<td>27 $70.00 registration fee, projected cost analysis sheet due; optionally send photos of pig/housing/feed label.</td>
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<tr>
<td>March 16 – June 23</td>
<td>Feeding period; complete Retail Audit.</td>
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<tr>
<td>April 16</td>
<td>Send pig’s current weight or estimated weight (formula in the H&amp;H Project Guide).</td>
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<tr>
<td>June 23</td>
<td>Deliver hogs to UF Meats Lab for harvesting. Bring Retail Audit for review.</td>
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<tr>
<td></td>
<td>24 Process carcasses at UF, distant counties</td>
</tr>
<tr>
<td></td>
<td>25 Process carcasses at UF, nearby counties</td>
</tr>
<tr>
<td></td>
<td>(Details of processing days will be specified at or after the Workshop in January. If there are less than 20 participants, all carcasses will likely be processed on June 24.)</td>
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<tr>
<td>July 3</td>
<td>Project Books and Retail Audits with copies of thank you letters are due to county 4-H office.</td>
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<tr>
<td>July 10</td>
<td>All Project Books and Retail Audits due to Larry Eubanks, University of Florida.</td>
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<tr>
<td>July 18</td>
<td><strong>Demonstration Day at University of Florida; awards presentation.</strong> Pick up cured hams, bellies, and smoked sausage links.</td>
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Guidelines for the 2015 4-H Hog and Ham

1. All new participants are required to have attended the January 19 workshop in order to apply to be in the Hog & Ham program (see Workshop memo). Youth who completed all four phases of the 2014 program (harvested a hog, retail audit, project book, demonstration) are not required to attend the Workshop.

2. Enrollment is limited to 30 youth. Because this is a one youth per one pig project, there will be no team- or group-raised pigs.

3. Participation will be limited to 4-H members that have reached 12 years of age prior to September 1, 2014. Agents should evaluate the maturity level of 4-H’ers and use discretion in approving enrollment. If application numbers are high, priority may be given to older 4-H’ers.

4. County Agents must fill out a Hog & Ham participant application form and mail or fax it so that it is received by Friday, February 20 (fax # is 352-392-9059). We will review the applications and notify agents by Friday, February 27 of who has been selected. Youth who participated in the past and dropped out without completing every phase of the program might not be allowed to participate the following year.

5. Youth selected to participate should select pigs which weigh about 100 to 120 at the time of weigh-in weekend. Pigs should be weighed-in over the weekend of Friday, March 13 through Monday, March 16.

6. Youth may elect to attend the UF Pig Selection Day on Saturday, March 14. At that time youth will draw for an order to select pigs to purchase from UF. If youth are interested in attending this selection day, be sure to indicate such on the application form so enough pigs will be available. This is not a required portion of the program.

7. All participants who bought a non-UF hog should email Chad chadcarr@ufl.edu the weight of the pig on Monday, March 16.

8. If less than 30 total participants have been weighted in as of 5:00 p.m. on Monday, March 16, we will notify additional participants of their eligibility. Registration and weigh in of additional participants must be complete by Monday, March 23.

9. The $70.00 registration fee and Projected Cost Analysis Sheet (updated 2014) are due after the initial hog weigh in and should be given to the county 4-H or Livestock Agent in charge. Checks should be made payable to the Florida 4-H Foundation.

10. During the growing period, feel free to contact Dr. Carr, Chris Strong, or Larry Eubanks with questions concerning health and growth of project pigs.

11. Registration fees and projected cost analysis sheets should be sent to Chris Strong at the Animal Science Extension Office to arrive by March 27, 2015. Registration fees received late are subject to additional fees.

12. Registration fees that will arrive more than one week late (April 6 or later) will require a $15 late fee. An additional $15 will be due for each month passed ($30 if received in May, and $45 if
13. Each 4-H member will be responsible for the following:

* Producing a market hog weighing over 240 pounds (target is industry average of 260#) from a starting weight of 100 to 120 lbs.
* Harvesting hog, processing carcass, and wrapping final retail cuts.
* Participating in a retail/restaurant audit.
* Completing a Project Book.
* Preparing and presenting a Power Point demonstration or illustrated talk.

14. The appropriate amount of 2015 Project Books and Retail Audit forms will be mailed to the counties after a confirmed number of youth have weighed in a pig. “Scratch” versions can be downloaded from http://www.animal.ifas.ufl.edu/youth/livestock/HogHam.shtml.

15. On April 16, the hog’s current actual or estimated weight should be sent to chadcarr@ufl.edu. A formula for calculating weight is in the Hog & Ham Project Guide (given at Workshop). Questions about the pig’s progress may be emailed to the faculty for advice at any time.

16. During the feeding/growing period, participants will complete a retail audit during which they will compare pork products at different types of grocery stores and restaurants. More details will be given at the workshop.

17. Hogs will be harvested at the University of Florida Meats Lab on Tuesday, June 23. Carcasses will be cut up on June 24 and 25. Details for the processing days will be discussed at the January Workshop. Participants may bring retail audit forms to harvesting for informal review and feedback (note that Retails Audits are not due for scoring until Project Books are due). If there are less than 20 participants, all carcasses will likely be processed on June 24.

18. The final weight does NOT have to be measured before harvesting. The carcass weight will be measured using calibrated scales in Gainesville and participants will calculate the final weight using a standard dressing percentage. If the weight is being monitored during the growing period, the target live weight is 260 lbs.

19. Pigs with carcass weight less than 165 lbs. will receive significantly less points for carcass score. (A 165# carcass weight corresponds to ~230# live weight.) Participants are expected to complete all segments of the project regardless of carcass score.

20. If the hog carcass is condemned, the 4-H member will forfeit the carcass portion of the project and be ineligible for overall awards. However, the 4-H’er should still complete the project book and retail audit and prepare a demonstration/illustrated talk.

21. All hams, bellies, and sausage links will be left at UF for smoking.

22. Completed project books and audits should be checked and signed by the Extension Agent or 4-H coordinator prior to July 3, 2015. Project books and retail audits are due in the office of Larry Eubanks by July 10.
23. Each 4-H member must write and mail a thank you letter in his/her own handwriting to all donors. A list of donors will be provided at harvest. It is the responsibility of the Extension Agent to ensure that these notes are written and sent.

24. A demonstration or illustrated talk involving some aspect of this project or pork production will be required of each 4-H member and will be given on July 18 starting at 9 am. Youth should use Power Point for any visuals as opposed to posters. Demonstrations by Intermediates (12 and 13 as of September 1, 2014) should be 3-12 minutes, and those by Seniors (14 and over as of September 1, 2014) should be 5-12 minutes. Individual participants may pair up to give a team demonstration.

25. Hams, bellies, and sausage that were left in Gainesville for smoking will also be picked up on demonstration day.

26. Bellies will be returned whole. There will likely be an option to have them sliced for a specified cost per side.

27. The 4-H members and their Extension agents or designated leaders are encouraged to be present at the Demonstration Contest.

28. Assisting with all phases of the Hog & Ham program will be the responsibility of all agents, 4-H coordinators, designated leaders and extension specialists involved in this program.

29. Premium money or special awards will be given to the top 3 overall placings if money is available. Agents and volunteers are encouraged to solicit donations for premium money, awards, trophies, and project funding.

30. Trophies or plaques will be given to the Champion and Reserve Champion. Ribbons will be given to those placing 3 - 10. The remaining placings will be on the modified Danish System of Blue, Red and White ribbons.

31. Each County Extension agent and 4-H coordinator or designated leader involved in this program will be expected to help in some capacity. All participants will need to work toward increasing and improving publicity about the 4-H Hog & Ham program.

32. University Meat Laboratory management or Extension Specialists will not be responsible for theft, damage, or other losses of pork cuts in cure.

33. The University of Florida Extension Specialists or University Meat Laboratory management will not be held liable for Accidents or Injury to parents, leaders, 4-H members and Extension agents (and 4-H coordinators) while they are in the meat laboratory. Members are covered by 4-H insurance.

34. For those counties west of the Suwannee River, it will be necessary to come through the Agricultural Inspection Station. In order to avoid problems, you will need to provide proof of ownership for the pigs and a valid Florida Drivers License (Driver - for Proof of Intrastate transport). Indicate that your destination is the University of Florida for slaughter. Health papers or transportation permits are not required for transport within the state.
Florida 4-H Hog & Ham Program – Participant Application Form
(must be received by February 20, 2015)

County: ____________________________________________________

Date of Birth - Age
(as of 9-1-14)  Family Email Contact

Name: ________________________________  ______________________
Address: ____________________________________________________

This is 1st 2nd 3rd 4th 5th 6th 7th 8th 9th year in 4-H and 1st 2nd 3rd 4th 5th year in H&H

Planning to participate in the UF Pig Selection Day on March 15? Yes_____ No______
(Selecting “yes” does not commit youth to attending. It only helps UF count how many pigs to have available.)

Name: ________________________________  ______________________
Address: ____________________________________________________

This is 1st 2nd 3rd 4th 5th 6th 7th 8th 9th year in 4-H and 1st 2nd 3rd 4th 5th year in H&H

Planning to participate in the UF Pig Selection Day on March 14? Yes_____ No______
(Selecting “yes” does not commit youth to attending. It only helps UF count how many pigs to have available.)

Name: ________________________________  ______________________
Address: ____________________________________________________

This is 1st 2nd 3rd 4th 5th 6th 7th 8th 9th year in 4-H and 1st 2nd 3rd 4th 5th year in H&H

Planning to participate in the UF Pig Selection Day on March 14? Yes_____ No______
(Selecting “yes” does not commit youth to attending. It only helps UF count how many pigs to have available.)

Name: ________________________________  ______________________
Address: ____________________________________________________

This is 1st 2nd 3rd 4th 5th 6th 7th 8th 9th year in 4-H and 1st 2nd 3rd 4th 5th year in H&H

Planning to participate in the UF Pig Selection Day on March 14? Yes_____ No______
(Selecting “yes” does not commit youth to attending. It only helps UF count how many pigs to have available.)

Signature of Agent: ___________________________________________

Agent’s email: ________________________________________________
(Copy this form if more than 4 are interested in applying.)
PROJECTED COST ANALYSIS SHEET

Participant Name ___________________________ County ___________________________

This form is required, but the following are *optional* to send for initial feedback:

- A picture of your pig at weigh-in
- Pictures of its housing, including the feed and water bin, and if it has access to dirt
- A picture of your initial feed label.

1-6 are ACTUAL dates, weights, and costs involved in acquiring your pig.

1. Birthdate of pig (as close as breeder can determine) __________________
2. Date feeder pig acquired __________________
3. Beginning weight at date of purchase __________________
4. Purchase cost of pig __________________
5. Cost per pound (divide line 4 by line 3) __________________
6. If pig was purchased before the weigh-in weekend of March 13-16....
   A. What was the weigh-in date (March 13, 14, 15, or 16)? __________________
   B. What was the pig’s weight on that date? __________________

7-17 are PROJECTED estimates of costs, weight gains, etc. ESTIMATE

7. Number of days pig will be on feed (from line 2 to June 23) __________________
8. Total lbs of feed from purchase (line 2) to harvesting __________________
9. Total feed costs __________________
10. Final weight of pig __________________
   260
11. Total lbs of gain (line 10 minus line 3) __________________
12. Pounds of gain per lb of feed (divide line 11 by line 8) __________________
13. Average daily gain (divide line 11 by line 7) __________________
14. Feed costs per lb of gain (divide line 9 by line 11) __________________
15. Miscellaneous costs (include medicine, vet bills, etc.) __________________
16. Total costs (add lines 4, 9 and 15) __________________
17. Total cost per lb of gain (divide line 16 by line 11) __________________

Breeding of Pig: _______________________________
Barrow or Gilt: _______________________________

AGENT’S SIGNATURE  __________________________________________