

**Agricultural Education Committee (Formal Classroom)**  
**[Summary of Goals by LG]**

*Goal 1*

Promote youth oriented agricultural education activities to increase participation of nonfarm families

*Goal 2*

Promote and expand the number of schools offering agricultural education programs by linking the contribution of Ag Ed and CTE in general to the new Kentucky College and Career Readiness Standards

*Actions*

Start new Ag Ed programs in communities without them

Update the Ag Ed curriculum to maximize contributions to College and Career Readiness

Increase the number of teachers trained in CASE (Curriculum for Agricultural Science Education) by providing tuition support for the \$2500 cost

Enhance existing Ag Ed facilities to improve educational outcomes

*Goal 3*

Develop a statewide network of agricultural promotional speakers to reach out with unified, consistent and powerful messages about Kentucky's agricultural sector. Be sure to include youth in speaking teams as much as possible.

*Actions*

Insure there are youth agricultural leadership programs functioning successfully in all counties

*Goal 4*

Adopt and promote education in agriculture by providing materials and resources for education

*Actions*

Develop a web-based library of resources drawing on materials developed by member organizations

Sponsor a session at KY state teacher conferences to introduce these materials and resources to non Ag Ed teachers

## **AG EDUCATION COMMITTEE (FINAL)**

7/11/12

### **GOAL 1:** Promote youth Ag Ed activities

- Extension, KDA, Commodity groups → Responsible

### **GOAL 2:** Promote, expand and advocate for 2% of Ag Ed and Unbridled Learning College and Career Readiness Model

#### ACTIONS:

- Start new programs
- Facility Improvements
- Magnet / Academy Models (for Urban / Rural respectively)
- Update & Upgrade Curriculum (technology enhanced)
  - STEAM
  - CASE
  - KOSSA
  - College Credit
- Professional Development – pre-service / in-service

### **GOAL 3:** Develop a state-wide network of people involved in Ag to act as trained spokespeople for education ABOUT agriculture.

- Reach youth
- Reach community (adults) with a UNIFIED! positive, consistent, informative message about agriculture

#### ACTION: Develop a speaker's bureau trained to speak for AG

- Main Street
- Livestock Coalition
- Farm Bureau LEAD
- Ky Ag Leadership Program
- Ag Business Association
- Community Leadership Groups
- Social Media

#### ACTION: Develop / Promote a state-wide youth agriculture leadership program (Ky County Ag Ambassadors)

### **GOAL 4:** Promote education IN agriculture

- Model from birth to death in Kentucky

#### ACTION: Develop Model (year 1)

- Youth activities (KDA, Ag in Classroom, Farm Bureau, Commodity groups, Safety Days, 4-H Farm Days, Ag Adventures, Livestock Associations)
- 2<sup>nd</sup> [Secondary] Ag Education
- Post Secondary Ag programs
- Adult / community education (YFA, KCTCS, spokespeople)

#### ACTION: Promote Model (Year 2 & Beyond)

- Publish in publications (see electronic lists & websites)

[S. McKinney notes 7-11-12]

## **GOALS**

### **1. Promote youth agriculture education activities.**

- a. Work with commodity groups to create agriculture videos that can be used in the classroom.
- b. Place "Book Barns" in public libraries, that hold agriculture awareness children's books.
- c. Farm Safety Days/Ag Days in all counties.
- d. Coordinate the efforts of the agriculture industry to promote agriculture literacy.

### **2. Promote, expand and advocate for secondary agriculture education and the Unbridled Learning College & Career Readiness Model.**

Advocating and developing secondary agriculture education programs in Kentucky

*Expand and advocate for secondary agriculture education contribution to Unbridled Learning, College & Career Readiness Model. KDE Personnel, KY FFA Foundation, KY Ag Ed Council, Extension Services, Commodity Groups, and KAAE are responsible parties.*

- Update and upgrade curriculum
- STEM to STEAM
- CASE Model o90
- KOSSA
- College Credit
- Facility Improvements
- Pre-Service/In-Service
- Technology Enhancement

#### *New Program Development*

- Facility Upgrades
- New Programs
- Magnet school models for urban areas
- "Academy" models for rural areas

- **Develop a state wide network of people involved in agriculture to act as trained spokespeople about agriculture in Kentucky.**

Action: Develop a speakers bureau of people across the Commonwealth trained to speak at public forums about agriculture.

- Can we utilize YouTube?

Reaching the Community	Reaching Youth
Main Street Program	Can we explore the opportunity of a Youth Advocates in Agriculture program? - who could facilitate this?
Livestock Coalition	KY Ag Leadership Program
Community Leadership Groups	Community Tomorrow Groups

- **Promote education IN agriculture education model from youth to adulthood in Kentucky.**

The KAC "Agriculture Education" committee will develop the model by January 2013.

Youth	Secondary Ag Ed	Post Secondary	Adult/Community Education
4H	FFA Membership	Collegiate FFA	Young Farmers
KDA "Ag in the Classroom"	Agriculture Classrooms	New Century Farmers	KCTCS Programs
Commodity Group Outreach	IFAL		Main Street "Spokesperson"
Ag Safety Days	Outstanding Youth		Young Agriculture Professionals

Youth	Secondary Ag Ed	Post Secondary	Adult/Community Education
Livestock Coalition	ASSET		
Ag Adventures Program			
Livestock Associations			

Public Relations Campaign for the model

*Promote in publications such as Farmer’s Pride, Kentucky Living (RECC), KY Proud Magazine, Farm Bureau News, Commodity Newsletters, Farm World, Farm Journal, websites, and other agencies, etc.*

## PRE-DISCUSSION

### **Unbridled Learning- “College & Career Readiness”**

- Brandon Davis, KDE informed the group of the new changes to the KY Accountability system and the new “spotlight” and responsibility put on agriculture education in Kentucky. Students have to be “college and career ready” and being involved in Career & Technical Education is a way to be “career ready”.
- This brings new opportunities for Ag Ed. Louisville and Lexington only have one program per city, and Eastern KY has many schools without a program. This provides an opportunity to open new programs.
- We must promote the value of ag ed programs in the state!
- If schools must cut budgets, agriculture is no longer the place to do that.
- Kentucky Occupational Skills Standards Assessment (KOSSA), which started in 1999, it is now being included in a schools accountability score. There are 26 total assessments in the state. 9 are from agriculture. We must promote the importance of KOSSA.
- Robbie Alexander from HCC informed everyone that passing KOSSA makes them eligible for college credit.

Berea College--- How can we also educate consumers, not just “ag ed” students?

Poultry Production--- Believes that Lifeskills classes are required for students to graduate. That those basic lifeskills classes are important and necessary for life.

## Possible Goals

1. Increase Schools
2. Promote CTE skills & the benefit.
3. Increasing Ag Competency & lifeskills...how can that be required? Students have no "free time" in school because there is so much that is require in the high school course load.
4. How can we "flavor" the content of regular ed classrooms, so they can also teach about agriculture?
5. New science standards are concerning, as they don't include agriculture??? How can we put agriculture curriculum in the mix? Can KY AgEd teachers incorporate these standards in their classroom?
  - a. Can it be "STEAM" instead of "STEM"?
  - b. CASE "Curriculum for Agriculture Science Education" Training.
  - c. Interest in CTE Schools that have labs and teachers know how to facilitate labs.
  - d. As students see themselves as scientists, they will be much more likely to be career ready?
  - e. \$2500 per person to get CASE Training. How can we increase support for that funding? Ag Development Fund?
  - f. Can we get a Science Teacher and an AG teacher (from the same school) to come as partners to the CASE Training? ---Mr. Burdine says this is being done.
  - g. We must get people to think of farms as the "ecosystem" they teach in science.
  - h. Funding for new videos. CEV and incorporating technology.
  - i. Can FFA membership automatically be paid if you are enrolled in an agriculture class.
  - j. Regional "Locust Trace" schools. What is the possibility of having "magnet" schools?
  - k. Can we promote the available opportunities for agriculture education in Kentucky? Ag Education from Birth-Death in the state of KY.
    - i. Farmers Pride
    - ii. RECC
    - iii. Ky Proud Magazine
    - iv. Farm Bureau News
  - l. We must advocate better for KY agriculture, ag ed programs and what we can prepare kids to do.
    - i. We have to stop promoting to "the choir", but instead the school superintendents, principals and our communities.
    - ii. Sheldon McKinney brought up that businesses want to support FFA members because they are skilled, competent and financially independent young people.
    - iii. We need informed citizens about agriculture. This is also where Adult Agriculture Education comes in.

- iv. KY Main Street Program increases local agriculture literacy through informed and trained citizens.
- v. Passionate and knowledgeable young people speaking to a group makes an impact in adults.
- vi. All KY FFA State Officers are going to go through that training. Can we get a 4H and FFA advisor from each community to also be trained and ready to speak at any time?
- vii. We have to promote CAREER OPTIONS in agriculture. 4.5 million ag jobs that are unfilled.

**What has stopped this from happening?**

1. Always looking 4-5 years down the road. What about 50 years?
2. Inconsistency among the universities when ag teachers are trained.
3. Inconsistency in the "awareness campaign".

## **Ag EDUCATION MAY 30 Discussion Notes**

What are all the opportunities of formal classroom education?

- 4H/Extension Education
- Secondary Agriculture Education/FFA
- Adult Agriculture Education
- Ag in the Classroom Bus
- Regional and State Universities
- Farm Bureau Ag Ed Program
- Ag Tech Programs

### Challenges

- Principals and school boards cutting secondary agriculture education programs
- Protection and defending programs in place
- How to educate agriculturalists vs. consumers?

### Opportunities

- There are so many growing opportunities in agriculture careers due to retirement.
- Properly advocating for existing agriculture education programs
- Use agriculture to provide practical applications to enhance learning
- Making sure Farm Safety Days/Ag Days are in all counties.
- Chamber of Commerce- visiting farms, etc.
- Expanding the Locust Trace model through KY.
  - include KY Agriculture Education Advocacy Council
  - include KDE
  - Include 4H

Expanding Warren Beeler's "Main Street Program"

- through the Pork Producer's Council
- Should adopt a program through out KY
- Making a group across the state of people who are trained and ready to speak on behalf of agriculture.
- Sell ourselves as "scientists"

### Possible Partners

- include KY Agriculture Education Advocacy Council
- include KDE
- Include 4H



What are the goals of this committee?

1. People recognizing that formal agriculture education programs prepare business leaders, entrepreneurs, producers, skilled craftsmen, scientists and educated consumers.

2. People trained and ready to speak to organizations out there?

m. Who is the audience?

i. School boards/educators

ii. Agriculture students

iii. All students

1. What does each group need to know?