

# Carter County Newsletter




**Cooperative Extension Service**

Carter County  
94 Fairground Dr  
Grayson, KY 41143-9520  
(606) 474-6686  
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extension.ca.uky.edu

**February 2018**

## Upcoming Events

- Feb. 5 Strawberry, Blackberry, and Raspberry Plant orders can be placed at the Carter County Extension Office until Wednesday, Feb. 21.
- Feb. 6 Little Sandy Beekeepers Association Meeting, guest speaker will be from Dadant's beginning at 6:00pm in the Carter Co. Extension Education Building.
- Feb. 12 Dicamba Pesticide Certification Training, 6:00pm-8:00pm at the Mason Co. Extension Office, Maysville, Ky. Mandatory training required for purchase of Dicamba. Bring your Drivers License and current Pesticide Certification Card to the training.
- Feb. 14 Valentine's Day 
- Feb. 15 Sheep and Goat Health and the Three Bad C's Webinar, 7:00pm-9:00pm at [www.ansc.tv](http://www.ansc.tv) for home viewing.
- Feb. 16 CAIP- Last day to submit CAIP Cost Share Applications.
- Feb. 19 Carter County Agriculture Advancement Council Meeting, 10:00 am in the Carter County Extension Office.
- Feb. 21 Last day to place Strawberry, Blackberry, and Raspberry Plant order.
- Feb. 22 Tobacco GAP Certification and Re Certification Training, 6:00pm at the Maysville Community and Technical College, Maysville Ky.
- Feb. 27 Northeast Area Livestock Association Meeting, Eric Mays, from SS Fertilizer Division will be speaking on Basic Fertilization, Getting the most out of your Fertilizer, 6:00pm at the Carter County Extension Education Building.
- Feb. 28 Last day to submit application for Ky. Dept. of Agriculture Nuisance Weed Spraying Program. "Read Enclosed Article for more Information".
- Mar. 3-4 Kentucky Beef Expo, Ky. State Fair Grounds, Louisville Ky.
- Mar. 6 Little Sandy Beekeepers Association Meeting, 6:00pm in the Extension Education Building.



## ***Order Strawberry, Blackberry, and Raspberry Plants Now***



The Carter County Extension Office is now taking orders for strawberry, blackberry, and raspberry plants. Three varieties of strawberries are available. They are: Earliglow, an early season variety; Allstar, a midseason variety; and Evie-2, an ever-bearing variety. The cost of the Earliglow and Allstar are \$16.00 per 100 and Evie-2 is \$24.00 per 100. Orders can be made in quantities of 25.

Two varieties of raspberries are available. Heritage, an ever-bearing red raspberry is available at \$3.00 each. Jewel, a winter hardy, productive, vigorous black raspberry is available at \$4.00 each.

One variety of blackberry is available: Triple Crown, a thorn-less, semi-erect blackberry plant that produces large, flavorful fruit is available for \$4.00 each.

Order forms are available at the Carter County Extension Office. Payment is due with the order. Orders will be taken until Wednesday, February 21st, 2018. For more information, call 474-6686. Plants will be available for pick up in early April.

## **Tobacco GAP Certification and Recertification February 22nd**



Tobacco producers will have to be recertified for the upcoming tobacco production season under the Tobacco GAP program. Producers needing this certification can attend the Tobacco GAP Certification meeting February 22nd at the Maysville Community College Fields Auditorium beginning at 6 pm. Producers will get an update from GAP Connections, Division of Labor, and production management during the certification. For more questions, please contact the Extension Office. Please have your GAP Card present with you the night of the certification.



## Mandatory Training for Dicamba, February 12th

### Important Notice

In October 2017 the EPA approved revised labeling for new formulations of dicamba products which are marketed as Engenia (BASF), Xtendimax (Monsanto), and FeXapan (DuPont). These new herbicides were developed in conjunction with the release of dicamba-tolerant soybean (Roundup Ready2 Xtend soybean varieties). All three products, which were first available for applications

during the 2017 growing season, are now classified by the EPA as "RESTRICTED USE" pesticides, meaning that either a commercial or private pesticide certification license must be held by individuals who purchase and apply these products.

One of the significant changes with the revised labels is the requirement that **applicators must attend a dicamba-specific training session** prior to using these herbicide products. Furthermore, the revised labels have more detailed restrictions outlining how the products should be applied including additional record keeping requirements and clarification regarding buffers and what constitutes sensitive areas and crops. These new label guidelines must be followed when applying preplant, at planting, or postemergence on Dicamba-Tolerant soybean varieties, and with applications on corn, small grains, or other approved sites for applications.

For Kentucky, these new product regulations only impact dicamba formulated as Engenia (BASF), Xtendimax (Monsanto), and FeXapan (DuPont) for all labeled crop uses. No other dicamba products which are labeled by the EPA for agricultural or turf uses are impacted by these new regulations.

To meet the mandatory dicamba training requirement for applications in Kentucky individuals must attend a **training session** that has been approved by the Kentucky Department of Agriculture (KDA). These training sessions will be presented by University of Kentucky weed scientists or by the registrants who market these dicamba products. After an individual has completed the training, the Kentucky Department of Agriculture will issue a 'certification' that will allow the participant to purchase and apply these dicamba products during the 2018 growing season.

**This training will be offered at the Mason County Extension Office, 800 US 68, Maysville, KY on February 12, 2018 from 6:00—8:00 p.m.**

### Civil Rights Act-Compliant statement

The College of Agriculture, Food and Environment is an Equal Opportunity Organization with respect to education and employment and authorization to provide research, education information and other services only to individuals and institutions that function without regard to economic or social status and will not discriminate on the bases of race, color, ethnic origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. Inquiries regarding compliance with Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments, Section 504 of the Rehabilitation Act and other related matter should be directed to Equal Opportunity Office, College of Agriculture, Food and Environment, University of Kentucky, Room S-105, Agriculture Science Building, North Lexington, Kentucky 40546.

## Timely Tips

Dr. Roy Burris, Beef Extension Professor, University of Kentucky

### Spring Calving Cow Herd

- ❖ Study the performance of last year's calf crop and plan for improvement. Plan your breeding program and consider a better herd sire(s). Select herd sires which will allow you to meet your goals and be willing to pay for superior animals.
- ❖ Consider vaccinating the cows to help prevent calf scours.
- ❖ Keep replacement heifer calves gaining to be cycling by the start of the spring breeding season.
- ❖ Start cows on the high magnesium mineral supplement soon. Consider protein supplementation if hay is less than 10% crude protein. If cows are thin, begin energy (grain) supplementation now.
- ❖ Get ready for calving season! See that all equipment and materials are ready, including obstetrical equipment, record forms or booklets, ear tags, scales for obtaining birthweights, etc. Prepare a calving area where assistance can be provided easily if needed. Purchase ear tags for calves and number them ahead of time if possible. Plan for enough labor to watch/assist during the calving period.
- ❖ Move early-calving heifers and cows to pastures that are relatively small and easily accessible to facilities in case calving assistance is needed. Keep them in good condition but don't overfeed them at this time. Increase their nutrient intake after they calve.



### Fall Calving Cow Herd

- ❖ Provide clean windbreaks and shelter for young calves.
- ❖ Breeding season continues. Keep fall calving cows on accumulated pasture as long as possible, then start feeding hay/grain. Don't let these cows lose body condition!
- ❖ Catch up on castrating, dehorning and implanting.



### General

- ❖ Feed hay in areas where mud is less of a problem. Consider preparing a feeding area with gravel over geotextile fabric or maybe a concrete feeding pad.
- ❖ Increase feed as the temperature drops, especially when the weather is extremely cold and damp. When temperature drops to 15°F, cattle need access to windbreaks
- ❖ Provide water at all times. Cattle need 5 to 11 gallons per head daily even in the coldest weather. Be aware of frozen pond hazards. Keep ice "broken" so that cattle won't walk out on the pond trying to get water. Automatic waterers, even the "frost-free" or "energy-free" waterers can freeze up in extremely cold weather. Watch closely.
- ❖ Consider renovating and improving pastures with legumes, especially if they have poor stands of grass or if they contain high levels of the fescue endophyte. Purchase seed and get equipment ready this month.

## Kentucky Beef Cattle Market Update

Dr. Kenny Burdine, Livestock Marketing Specialist, University of Kentucky

Happy New Year! The feeder cattle market closed 2017 on a weaker note and after trying to rally early in 2018 has seemed to move back to where it ended last year. As I write this on January 12, 2018, spring CME© Feeder Cattle futures prices are in the low \$140's and fall contracts are in the \$144 to \$146 range. Cash fed cattle prices pushed above \$120 in December and stayed there for the first week of January. I have written previously about the spring-summer break in CME© Live Cattle futures and it continues to be large. As I write this, the August CME© Live Cattle contract is trading at a \$10 discount to the April CME© Live Cattle contract. Kentucky prices have generally held their ground since December. For the first week of January, 550 lb feeder steers were still trading around \$150 per cwt on a state average basis and heavy feeder continue to surprise me with their strength, given where summer fed cattle futures are trading.

## Nuisance Weed Spraying Program

This program consists of weed spraying demonstration plots. The department will provide the sprayer and enough chemical for the treatment of 10 acres of agricultural land or 100 gallons of spot spraying mix to be used on agricultural land. The department's representative will demonstrate proper mixing and application techniques. A number of nuisance weeds can be treated under this program depending on the needs of the participant. This program is limited to broadleaf weeds.

Broadcast Spraying demonstration plots consist of:

- 10 acres of agricultural land will be treated with chemical provided by the department
- Application is performed with a two-wheeled trailer type sprayer equipped with boomless nozzles
- If additional chemical is provided by the participant, an additional 10 acres can be treated

Spot Spraying demonstration plots consist of:

- 100 gallons of broadleaf chemical mix which is applied until sprayer is empty
- Application is performed with a two-wheeled trailer type sprayer equipped with a handheld spray wand used by the tractor operator
- If additional chemical is provided by the participant, an additional 100 gallons can be sprayed

For each demonstration:

- The participant must provide water source
- The participant must provide tractor and operator
- All chemical products must be labeled and the product label will be strictly followed
- A maximum of 7 participants per county



This program is designed to target weeds that have a negative impact on the participant's agricultural production. There will be an annual online application period to participate in this program. **Applications can be completed from February 1 to February 28. Please submit an application at:**

<http://www.kyagr.com/consumer/nuisance-weed-spraying-program-application.aspx>

## Tips for the Beekeeper

A reminder for those beekeepers preparing to make splits or to reduce swarming (or both), consider **adding** a super of frames with **drawn** wax foundation around **Feb. 14** (Valentine's Day), **if the weather permits**. Doing so will allow honey bees room to expand **up and out**, and theoretically, reduce their (i.e., honey bees') perception that they are running out of room.

Similarly, some beekeepers go ahead and "reverse" their hives by the end of February, for much the same reason and weather permitting. The "reversal process" is simply taking the empty bottom super (or "deep") and placing it on top of the top super (or "deep"). Close the hive by putting the inner cover and lid in place.

The point is this: as the days lengthen, flowering plants and trees respond by making more pollen. Worker bees bring in the pollen. The increased amount of pollen inside the hive is a "trigger" for honey bee queen to begin laying eggs. Spring buildup is still three-four weeks away, but last year 2017, KY had a mild January and February. Consequently, many hives had a lot of brood by the end of February, and the first swarm "call" recorded in my office was March 4, 2017.



Our winter has been a roller-coaster ride with temps in the high 60sF and conversely, well below zero F for extended time. When the weather permits, check to see that the bees still have honey, that the entrances are still reduced so mice cannot inhabit the hive, and slightly tip the hives so that any moisture that has accumulated inside the hive can drain out.

No one can predict the KY weather in February, so monitor those hives. We are not out of the woods.

**MONEY FOR FARM  
IMPROVEMENTS AVAILABLE...**

**KADF**  
**KENTUCKY AGRICULTURAL  
DEVELOPMENT FUND**

**Carter County Extension Office**  
94 Fairground Dr.  
Grayson, KY 41143  
606-474-6686  
Fax 606-474-8542

**COUNTY AGRICULTURAL  
INVESTMENT PROGRAM (CAIP)**

Applications will be available for Carter County's CAIP to assist farmers in making important on-farm investments.

**Application Period:**  
November 18<sup>th</sup>-December 18<sup>th</sup>, 2015  
*No applications will be accepted after Dec 18<sup>th</sup>, 2015.*

**Application Availability:**  
Carter County Extension Office  
Monday – Friday (8 a.m. – 4:30 p.m.)  
Assistance with filling out applications will be available on Mondays in the Extension Office throughout the application period.

**For More Information:**  
Contact the Carter County Extension Office at 606-474-6686.



## USDA Confirms Record Supply of Corn and Soybeans for 2017 Marketing Year



The January 12th WASDE provided the grain markets USDA's final projections on the size of the corn and soybean crops. The report lived up to the saying that "big crops get bigger." The 2017 corn is pegged at 14.6 billion bushels (second largest), and the soybean crop is projected at a record 4.39 billion bushels. Both corn and soybeans have been rebuilding stocks since the 2012 drought, so the combined carry-in and production contributes to a record supply for the corn and soybean markets to chew through for the remainder of the marketing-year (Table 1).

The corn and soybean markets benefit from the strong demand that will help keep ending stocks from becoming burdensome like in the 1980s. USDA projects corn ending stocks to increase to 2.48 billion bushels, which would be the most massive quantity since 1987. Consider that 2.48 billion bushels of corn in marketing-year. Current demand for corn makes 2.48 billion bushels a 62-day supply of corn in the bin at the end of the marketing-year.

Table 1. Consolidated Corn, Soybean and Wheat Balance Sheets for the 2017-18 Marketing-Year.

	Corn	Soybeans	Wheat
	----- Million Bushels -----		
Beginning Stocks	2,293	302	1,181
Production	14,604	4,392	1,741
Imports	<u>50</u>	<u>25</u>	<u>155</u>
Total Supply	16,947	4,718	3,076
Domestic Use	12,545	2,089	1,112
Exports	<u>1,925</u>	<u>2,160</u>	<u>975</u>
Total Use	14,470	4,248	2,087
Ending Stocks	2,477	470	989
Days of Stocks	62	40	173
U.S. Average Farm Price	\$3.25	\$9.30	\$4.60

Source: January 2018 WASDE - USDA: WAOB.

Similarly, USDA also projects soybean ending stocks to increase to 470 million bushels, which would be the largest since 2006. The 2006 marketing-year had a 68-day supply of soybeans as ending stocks. USDA's projections imply a 40-day supply of soybeans in the bins on September 1, 2018.

An essential component of the increasing corn and soybean demand is from exports. Over 50 percent of soybean use is for exports primarily to China. Corn exports account for 13% of projected 2017-2018 demand. The importance of exports and policies that help exports is crucial to keep the corn and soybean markets from being overwhelmed with stocks. (continued on next page)

(continued)

Wheat is included in Table 1 to serve as a reminder of what happens to a commodity when export share declines. The U.S. share of global wheat exports has slipped to about 15% from a 40% share in the mid-1990's. The 2017 wheat market benefited from the reduced planted area and below-trend yields to reduce wheat stocks. Wheat prices are increased from last year because of reduced supply of all types of wheat except soft red winter wheat.

The March 2018 corn futures contract which is used to value stored corn traded lower than January WASDE but shook-off the 2.5 cent decline and has traded higher to \$3.56 ½ on January 24th . The December 2018 corn contract had a similar reaction to the report as the March contract, and has traded higher \$0.09/bushel since the report. Soybeans weathered the reports with both the nearby and harvest 2018 futures contract closing higher by \$0.10 ½ and \$0.12 after the report with momentum continuing to close an additional \$0.31 ¾ and \$0.24/bushel higher since January 12th.

Where do we go from here? The markets will focus on Southern Hemisphere production and potential weather events that may improve export projections and reduce stocks. The market may also bid for 2018-planted area as soybeans have less cushion to absorb a production or demand shock than the cushion available for corn and wheat. The soybean market may provide some minor bidding for soybean area in 2018 if this lack of a cushion warrants some price risk premium. Look towards North Dakota and South Dakota to gauge potential improvement for corn and soybeans prices. If farmers in those states plant more spring wheat in 2018, there is potential for price improvement in corn and soybeans.

Sincerely,



*Myron Evans*

**Myron Evans, County Extension Agent for  
Agriculture & Natural Resources**





# Strawberry, Blackberry & Raspberry Fruit Order Form

COOPERATIVE EXTENSION



**Return to:** Carter County Extension Office  
94 Fairground Dr  
Grayson, KY 41143

**Money is due with order form.** Deadline to place order is **February 21<sup>st</sup>, 2018**. Plants scheduled to arrive at the Extension Office early in April. **Office Hours:** Monday – Friday 8:00 am – 4:30 pm Phone: (606) 474-6686; Fax: (606) 474-8542.

Name: \_\_\_\_\_ Email \_\_\_\_\_

Address \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

## STRAWBERRY VARIETIES

**EARLIGLOW:** - \$16.00 per 100 or \$4.00 per 25 Plants (an early season variety)

Amount of Earliglow: \_\_\_\_\_

Total \$ \_\_\_\_\_

**ALLSTAR** - \$16.00 per 100 or \$4.00 per 25 Plants (a midseason variety)

Amount of Allstar: \_\_\_\_\_

Total \$ \_\_\_\_\_

**EVIE -2** - \$24.00 per 100 or \$6.00 per 25 Plants (an ever-bearing variety)

Amount of Evie-2: \_\_\_\_\_

Total \$ \_\_\_\_\_

## RASPBERRY PLANTS

**HERITAGE:** \$3.00 per plant (an ever-bearing red raspberry)

Amount of Heritage: \_\_\_\_\_

Total \$ \_\_\_\_\_

**JEWEL:** \$4.00 per plant (winter hardy, productive, vigorous black raspberry)

Amount of Jewel : \_\_\_\_\_

Total \$ \_\_\_\_\_



**2018 Sheep and Goat Health and the  
Three Bad “C’s”**

**Webinar**



**Date: Thursday, February 15, 2018**

**Time: 7:00 – 9:00 p.m. EST (6:00 to 8:00 p.m. C.S.T.)**

**Presentation Schedule**

- ♦ **Coccidia- "The Other Parasite" by Dr. Jessie Lay, DVM. Assistant Professor Kentucky State University** Dr. Lay will discuss all the ins and outs of coccidia including its symptoms and treatments.
- ♦ **Caseous Lymphadenitis, An Economically Important Disease: Prevention and Control by Dr. Beth C. Johnson, DVM, Kentucky Department of Agriculture**
- ♦ **Caprine Arthritis Encephalitis (CAE): Diagnosis, Prevention and Control by Dr. Beth C. Johnson, DVM, Kentucky Department of Agriculture**

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**The Purdue Sheep & Goat Website**

Important information to producers about health, maintenance and current issues in the sheep and goat industries.

<http://www.ansc.purdue.edu/SH/>

Home viewing will be available at [www.ansc.tv](http://www.ansc.tv)

This 2018 Goat and Sheep Webinar is a cooperative effort between Kentucky State University and Purdue University



University of Kentucky  
College of Agriculture,  
Food and Environment  
*Cooperative Extension Service*

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94 Fairground Dr  
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RETURN SERVICE REQUESTED

