

# FOUNDATION ON THE FIRST

March 2019



**Kansas  
Foundation for  
Agriculture in the  
Classroom**



## Agri-tag

Agri-Tag license plates have two main objectives: to promote the #1 industry in Kansas and to support the statewide K-12 agriculture literacy program sponsored by the Kansas Foundation for Agriculture in the Classroom (KFAC). Your support will

help fund KFAC programs designed to educate Kansas youth about the importance of agriculture and the role that agriculture plays improving not only the quality of their lives, but also the future of Kansas.

Currently, we have over 1,000 Agri-tags on the road! Be a “driving” force to double the message of agricultural literacy with these moving billboards. If you or someone you know are interested in getting an Agri-tag, please visit your county treasurer’s office.

For an annual tax-deductible donation of \$35, you can help further KFAC’s mission of connecting classrooms to Kansas agriculture. The agri-tag is the only agriculture-related specialty tag in the state. Join us in promoting Kansas’ number one industry - agriculture! [Click here for more information!](#)

## Grow Green Match Day

Kansas Foundation for Agriculture in the Classroom (KFAC) is excited to announce its participation in Grow Green Match Day on Monday, April 22, 2019. This event is an effort of the Greater Manhattan Community Foundation.

Donations made to KFAC on Grow Green Match Day will have a 50% match. This is a way to make your dollars stretch further and support KFAC! Your donations will help secure a healthy and sustainable future for our organization and our community.

**GROW Green  
Match Day** 

*You make a gift. We make it grow.*

The event will take place at Colony Square Atrium at 555 Poyntz Ave., Downtown Manhattan from 7am to 7pm. Donations can also be made online by visiting [www.growgreenmanhattan.com](http://www.growgreenmanhattan.com). Please consider helping us further our mission of “Connecting Classrooms to Kansas agriculture” by joining us on April 22nd at Grow Green Match Day! Questions can be directed at [info@ksagclassroom.org](mailto:info@ksagclassroom.org) or by calling the KFAC office at (785) 320-4350.

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# Teacher Feature Nominations

Do you know a teacher who has a passion for agriculture and implements agriculture into their K-12 classroom? Nominate them to become our featured teacher of the month with Kansas Foundation for Agriculture in the Classroom!

Any K-12 teacher who is teaching in a certified school in Kansas in a non-vocational agriculture classroom setting and who is integrating agricultural concepts into non-agricultural curricula is eligible for this award.

Show your appreciation for a teacher who goes above and beyond to implement agriculture into their classroom. We have teachers who raise chickens to teachers who teach plant growth from start to finish.

Agriculture is a big part of our every day lives in Kansas. Which is why it is important to show our appreciation to teachers who let their students learn about Kansas agriculture! Teachers do not need a strong agricultural background. All teachers need is a love for teaching students about Kansas agriculture! It's that simple!

To nominate a teacher, [click here](#) and fill out the information!



## Donor Feature



This month's Donor Feature is the Kansas Farm Bureau. Kansas Farm Bureau's mission is "strengthen agriculture and the lives of Kansans through advocacy, education and service." KFB is located in Manhattan, Kansas.

[Click here to visit their website!](#)

## February Wrap-Up

February flew right by! This was a month of collaboration with other organizations, as well as updating our partners on all of the work we have accomplished so far this year.

We have been working on K-5 wheat genetics lesson plans, through a grant with the National

## Lesson Plan Feature

**COTTON'S INCREDIBLE JOURNEY**

**Overview**  
Through this lesson plan on cotton's journey, students have an opportunity to look at the life of cotton from seed to the finished product. They will also learn about the history and get involved in hands-on activities related to cotton.

**Objectives**  
1. Students will learn the sequence of cotton production and what each step entails.  
2. Students will be able to identify the different parts of a cotton plant.

**Background Information**  
Cotton has been in existence for over 7,000 years. In 1794 the cotton gin was patented by Eli Whitney and was a major contribution to the cotton industry. Cotton's main purpose is in the making of fabric. It is the most common natural fiber used today and is the most important material used to make fabric. Not only is cotton used in fabric, the cottonseed oil is used in cooking products such as cooking and salad dressing. Today, approximately 8.8 million pounds of cotton are used in the United States each year. The leading producers of cotton in the world include China, the United States, India and Pakistan.

**Kansas Cotton Production**  
Most of the cotton varieties grown in Kansas are upland cotton and used as a source of fiber for denim. In Kansas, cotton is planted in May or early June and reaches maturity in approximately 120 days. Unlike many Kansas crops, cotton may be left standing in the field for weeks without being damaged before it is harvested. The cotton gin locations in Kansas include Pratt, Manassah, Anthony and Winfield.

**Uses of Cottonseed**  
Cottonseed Linters: Essential components in plastics, smokeless gunpowder, food colorings, rayon, cosmetics and photographic films. Absorbent cotton medical grade fibers are used in paper and cotton swabs, balls and gauzes and fiber pulp is used in producing currency and other security papers.

**Cottonseed Hulls**: Used for livestock feed, mulch and soil conditioners.

**Cottonseed Meal**: Cotton meal and cake from kernels is used for some garden fertilizers, livestock and poultry feed. Sun seed and cake crude oil is either refined for salad dressing and baking/ frying oils or used to manufacture kerosene as diesel or aviation fuel, pharmaceuticals, soap and rubber.

**Kansas Foundation for Agriculture in the Classroom**  
[www.ksagclassroom.org](http://www.ksagclassroom.org)

Our Cotton's Incredible Journey lesson plan is for fourth through fifth graders. Students will learn the sequence of cotton production and what each step entails and identify the different parts of a cotton plants.

[Click here to view the full lesson plan!](#)

Science Foundation. We will be launching these plans very soon, so keep an eye out!

We are also continuing our search for a new executive director, with applications due by March 6th.

Briana



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