

A harvest of ideas for educators



California Foundation for Agriculture in the Classroom

Fantastic Fact:

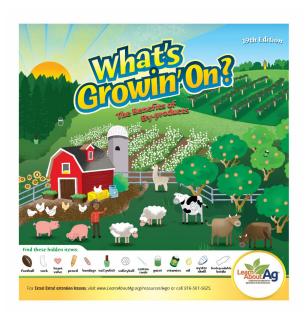
A cow will produce six to seven gallons of milk each day which is more than 2,000 gallons of milk each year

In this Issue...

- What's Growin' On? The Benefits of By-products
- More ways to #LearnAboutAg!
- Grant Feature

Visit our blog #LearnAboutAg@Home for daily activities to incorporate agriculture into your classroom, in person or virtually!





What's Growin' On? The Benefits of By-Products **Now Available!**

There are a surprising amount of by-products that come from the 400 different commodities grown in California.

This year's edition of What's Growin' On? The Benefits of By-products explores the production of agricultural commodities and the by-products that are produced.



California Farm Day 2021

Recap

More than 5,000 students from throughout California learned about



California's Top 10 Commodities at
California Farm Day! Check out a
3-minute recap video of California Farm
Day 2021 here. Our California Farm
Day workbook is available for students.
Teaching resources and more information about California Farm Day
2021 can be found here.



Cassie Gocke

Grades taught: 10th-12th School: Fusion Charter County: Stanislaus

How and when did you first learn about Ag in the Classroom?

I first heard about Agriculture in the Classroom as an agriculture-science major at Cal Poly. I helped prep attendees' packets for one of the conferences that was held down in Pismo Beach as a community service event! As an educator, I remembered being introduced to Agriculture in the Classroom and



looked at the opportunities to use curriculum with my students. I applied and received the Taste and Teach grant, which I implemented with my high school students last year! It was wonderful to attend the AITC Conference in 2019 for the first time as a teacher. I took away a lot of great resources that I have used in creating curriculum for the agriculture program.

How long have you been teaching students about agriculture?

This is my 5th year teaching. My first two years I spent at traditional high schools teaching agriculture along with serving as an FFA advisor. I took a few years off to care for my first born son when I learned about the opportunity at my current site, Fusion Charter. I was hired as a classroom teacher, not specifically an agriculture teacher. However, once I started, I approached my principal about working to bring agriculture to our school's curriculum. We applied for funding through the state and received a grant to build a two year cohort that would incorporate social emotional learning with agriculture. It has been a rewarding experience working on the grant.

I love the Literacy for Life grant opportunity because I have been able to implement a new project that will continue to sustain itself through funds raised while teaching students about creating and marketing agricultural products.

Describe an agriculture-based project you have been involved in lately.

We just invited our first small cohort to school to create our succulent of the month subscription, which was my grant proposal for Literacy for Life this year. Each month we choose a different succulent and create a pot to market to the public. The students learn about care for the succulents as well as how to market the products. This was the first time I have been able to work with students in person this year and it was great to see them and interact in person!

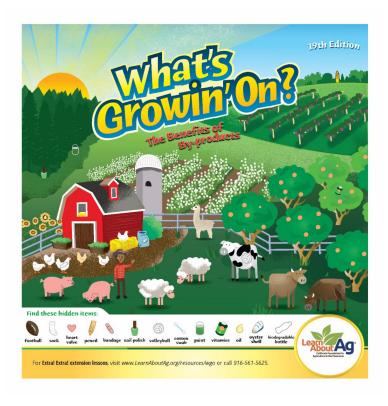
Do you have any advice for other teachers on how to implement agriculture into their classrooms?

Look for local agriculture producers/companies that can come and bring real life agriculture lessons to your students! Students love to see agriculture that is happening in their community and this also gives them good networking connections for the future. Also, bring FFA members into your classroom to help teach about agriculture for their SAE project. It is a wonderful way to build relationships for the elementary students as well as give confidence to the high school students!

Are you an educator using California Foundation for Agriculture in the Classroom? Sign-up to be a future Teacher Feature!

Please send an interest email to info@LearnAboutAg.org.

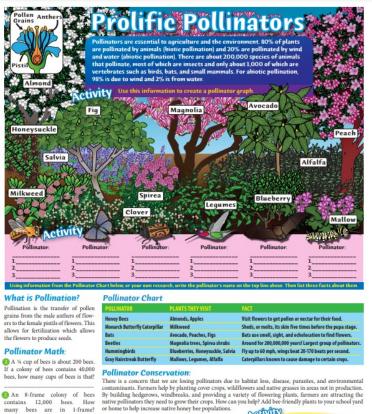




What's Growin' On? The Benefits of By-products Now Available!

In this edition of What's Growin' On? we explore the benefits that by-product commodities have to offer!

California teachers:
Request a FREE classroom
set (up to 50) here! Full of
activities, engaging text, and
already aligned to California
standards, this resource will
be a great addition to your
classroom! Download your
copy here.



An 8-frame colony of bees contains 12,000 bees. How many bees are in 1-frame?

Almond flowers produce about 1.0 Almond flowers produce about 1.0 mg of pure pollen. If you have 2 million flowers/acre, about how many
grams of pollen will be produced on
a 100-acre orchard? If 1 gram = .0022
pounds, how many pounds of pollen is



Prolific Pollinators

Check out our downloadable **Prolific Pollinators** resource to understand how food gets pollinated. Students will learn about the various categories of pollinators and their contributions to producing California commodities. Includes three activities- a math exercise, ideas for service learning, and citizen science. This resource is aligned to California Common Core and Next Generation Science Standards.



Christina Sue Lilja Resource Grant Deadline: June 30, 2021

Applications are now being accepted for the Christina Sue Lilja Resource Grant. It is open to all educators to provide funding to purchase agriculture literacy resources from the Ag Foundation store.

Applications are due **online** by **June 30, 2021.**

50 grants of \$100 credit will be awarded to educators. More information can be found here.





National Agriculture in the Classroom Conference Des Moines, Iowa

Mark your calendar for June 28 - July 1, 2021 to attend the 2021 National Agriculture in the Classroom Hybrid

Conference in Des Moines, Iowa. Surround yourselves with educators passionate about incorporating agriculture into their classrooms! Registration is open with in-person and virtual options. More details about the conference can be found **here.**





For Educators

McKellar Family Farms

Event Location: Tulare County **Event Dates:**

Ongoing

California Dairy Council

Event Location: Virtual **Event Dates:**

Ongoing

AgExplorer's Virtual Field Trips

Event Location: Virtual **Event Dates:**

Ongoing

McKellar Family Farms is excited to introduce the Farmer Bob's Citrus Farm Experience. Join Farmer Bob on a behind the scenes tour of a working citrus farm. Visit their website for more details and to book your tour.

The California Dairy Council is offering free Farm to You Virtual Field Trips on a California dairy farm. Field trips are available Monday-Friday at 9am, 11am, and 1pm. Register today!

National FFA and Discovery Education have teamed up to create career resources to help explore careers within agriculture. Utilize these virtual field trips to have your students gain a firsthand account of the diverse career opportunities within the agricultural industry.



Show Your Support for Agricultural Literacy

Help us continue providing programs and materials that create an awareness and understanding of agriculture among California's educators and students. Make a **donation** today!

Stay Connected! @LearnAboutAg





