



Friday Notes is designed to enhance communication among various agricultural sectors, educators, students, and the public who are interested in a variety of plant, animal, food, and environmental issues. *Friday Notes* advocates the pursuit of credible, unbiased, science-based information. Material contained in linked articles is from the original authors and does not necessarily reflect the views of CAST.

In This Issue....

[Animal Agriculture News](#)
[Food Science & Safety News](#)
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Announcements

The 2023 Borlaug CAST Communication Award (BCCA) Announcement will be held on Wednesday, May 10 from 3-5:30 pm EDT in Washington, D.C. [You can RSVP here.](#)

CAST College Corner

[NC A&T State University](#) celebrated its 37th annual Small Farms Week.

[Iowa State University](#) has recently approved an agricultural communications major.

A [University of Nebraska-Lincoln](#) team looks to increase resilience of food systems to climate shocks.

CAST Social Media

[Visit our website](#)

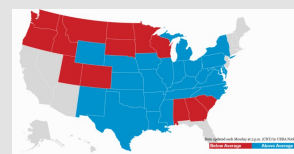


CAST [welcomes ideas](#) for

April 28, 2023

Planting Ahead of Schedule

Planting season is in full swing across the United States. The [USDA NASS's](#) latest planting report showed both [corn and soybean](#)



[planting to be ahead of average.](#) As of April 23, 2023, 14% of the U.S. corn crop is planted. This is up from 6% planted at this time last year. Of that, 3% of the corn crop has emerged. Soybean planting has jumped from 5% to 9% complete so far this year.

These numbers come as Midwest [farmers expect below-normal temperatures](#) this upcoming week. The fluctuation in temperature is not unexpected as farmers across the country have already experienced extreme weather events, which have required them to re-plant their crops.

The latest [NASS Perspective Planting outlook](#) estimates 92.0 million acres of corn, and 87.5 million acres of soybeans will be planted this year, both slightly higher than 2022.

News and Views

USDA Updates: USDA 1) announced Manjit K Misra as the new Director of the [National Institute of Food and Agriculture](#), 2) is expanding market opportunities for [climate-smart commodities](#), and 3) announced [funding to support](#) underserved and veteran farmers, ranchers, and foresters.

Earth Day: Earth Day was on April 22. [Every day is Earth Day](#) for America's farmers and ranchers.

Far Side of the Barn

Meet Norm: [Norm is the latest AI ag advisor.](#) He can

future publications and projects.

give feedback based on producer questions and can learn from the data he receives. He is named after Norman Borlaug.



CAST Updates

Welcome, Michael!

Michael Gallagher recently joined CAST as the new Student Administrative Assistant of Finance and Membership. He is interested in learning more about keeping track of the accounts receivable and financial statements and is looking forward to learning more about the different aspects of finance and accounting that will help him in his career in finance. [Learn more about him here.](#)



National Volunteer Week



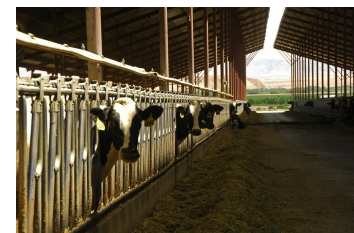
Last week was [National Volunteer Week](#) and April is Global Volunteer Month. For 50 years, CAST has depended heavily on its committed volunteers, from the hundreds of professionals who have served as [task force chairs](#), [authors, and reviewers](#) for its publications, to the many committed individuals who volunteer on its [Board of Directors](#), [Board of Representatives](#), and [Board of Trustees](#). In fact, CAST currently has over 250 individuals working on its publications, and more than 60 serving on its Boards. We are grateful to each and every one of you for your invaluable contributions, past, present and future!

Animal Agriculture and Environmental News

Environmental Justice: The [White House signed an executive order focusing on environmental justice](#) and establishing an Office for Environmental Justice within the White House Council for Environmental Quality.

Bacteria Resistance: A new study shows that the [overuse of antimicrobials in livestock production can increase bacterial resistance](#) to the human immune system.

Feed Additives: More [feed additives are showing promise](#) in reducing livestock methane.



Learn how the dairy industry has been transformed over the [past three decades](#).

Food Science and Safety News

Chicken Nuggets: USDA proposes declaring [Salmonella as an Adulterant in breaded stuffed raw chicken](#) products, as a step in building FSIS proposed regulatory framework.

Eating Insects: Research shows that insects contain Chitin and other healthy fats which can [increase human gut health](#).

Food Sales: USDA has released a report showing [dollar sales by food type](#).



The U.S. production of citrus is [17% of that in the year 2000](#).
Can the industry be saved?

Plant Agriculture and Environmental News

Ethanol: An Iowa ethanol plant was [fined this week](#), [for failing to control grain dust](#) after operating without air filtration equipment.

Soil Health: As the weather becomes more unpredictable, [investing in soil health](#) ensures that soils are able to hold moisture from heavy rains for dry periods.

El Niño: A meteorologist explains how El Niño will [impact crop yields this summer](#).



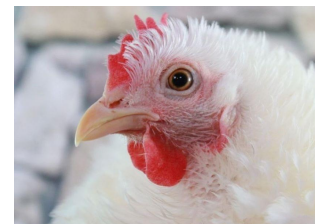
The University of Illinois has released a report showing the [cost of corn and soybean](#) production.

International News

China: [USSEC is now working with China](#) to expand grain trading opportunities after COVID-19.

Brexit Food Prices: [Britain's food inflation](#) is already at a 45-year high; new proposals will send them soaring.

Canada: Canada's deputy ambassador expressed [concerns over the "Product of USA" label](#), proposed by the USDA earlier this year.



Uruguay veterinary authorities announce [mandatory vaccination of all laying hens](#), in response to the first case of avian influenza in Chile.

General Interest

Innovation: This research article discusses the process from the [laboratory to the consumer](#): innovation, supply chain, and adoption with applications to natural resources.

Right to Repair: The [Colorado Governor signed the first U.S. "Right to Repair"](#) bill into law, ensuring producers have the right to work on and repair equipment.

Farm Size: The USDA is reporting that the number



Flooding from increased precipitation and snow melt is closing shipping on the upper Mississippi River and [delaying](#)

of farms in the U.S. is declining, but [farm size is growing slightly](#).

[fertilizer deliveries](#).

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- * Agricultural & Applied Economics Association
- * American Association of Avian Pathologists
- * American Association of Bovine Practitioners
- * American Bar Association, Section of Environment, Energy, & Resources-Agricultural Management
- * American Dairy Science Association
- * American Farm Bureau Federation
- * American Meat Science Association
- * American Meteorological Society, Committee on Agricultural and Forest Meteorology
- * American Seed Trade Association
- * American Society of Agricultural and Biological Engineers
- * American Society of Agronomy
- * American Society of Animal Science
- * American Society of Plant Biologists
- * American Veterinary Medical Association
- * Association of Equipment Manufacturers
- * Aquatic Plant Management Society
- * BASF Corporation
- * Bayer Crop Science
- * Corteva Agriscience
- * CropLife America
- * Crop Science Society of America
- * Global Teach Ag Network
- * Innovation Center for U.S. Dairy
- * Iowa State University
- * Minor Use Foundation, Inc.
- * Mississippi State University
- * National Cattlemen's Beef Association, a Contractor to the Beef Checkoff
- * National Corn Growers Association/Iowa Corn Promotion Board
- * National Milk Producers Federation
- * National Pork Board
- * National Turkey Federation
- * North Central Weed Science Society
- * Northeastern Weed Science Society
- * Nutrients
- * Penn State University
- * Poultry Science Association
- * Rural Sociological Society
- * Society for In Vitro Biology
- * Society for Range Management
- * Soil Science Society of America
- * Syngenta Crop Protection
- * The Fertilizer Institute
- * The Mosaic Company
- * Tuskegee University
- * United Soybean Board
- * University of Nevada-Reno
- * U.S. Poultry and Egg Association
- * Weed Science Society of America
- * Western Society of Weed Science

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The Science Source for Food,
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*** With assistance from Colleen Hamilton (Membership Specialist) and Charlotte Brockman (Communications Project Coordinator)*

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