

Summer 2023 Publications (June-September)

[ID-275](#)

[Practical Corn Silage Harvest and Storage Guide for Cattle Producers](#)

9/27/2023 (new)

Authors: [Donna Amaral-Phillips](#), [Chad Lee](#), [Jeff Lehmkuhler](#), [Nick Roy](#)

Corn silage is often referred to as the "king of forages" and for good reason. With adequate and timely rainfall and normal environmental temperatures during the growing season, corn silage can yield 20 to 25 (or more) tons as fed per acre. Even in years with limited soil moisture, this crop can provide needed forage when harvested and stored properly although whole plant yield and/or grain content is often reduced.

Departments: [Adair County](#), [Animal and Food Sciences](#), [Plant and Soil Sciences](#)

Series: [Interdepartmental](#) (ID series)

Size: 5.41 mb

Pages: 16

[ID-273](#)

[Match-a-Yak: a Tool to Minimize Inbreeding in North American Yaks](#)

9/25/2023 (new)

Authors: [Les Anderson](#), [Darrh Bullock](#), [Ted Kalbfleisch](#), [Jeff Lehmkuhler](#), [Mary McCarty](#)

The domesticated yak (*Bos grunniens*) arrived in North America in the late 1890s. A few animals were imported into Canada and North American zoos and became the foundation of the North American genetic pool. Research was conducted in Alaska hybridizing them with Highland cattle in the early 1900s. A handful of yaks were imported into the United States in the early 1900s and again later in the 1980s. However, the genetic diversity of the North American yak is limited, necessitating a need to manage breeding programs to reduce inbreeding.

Departments: [Animal and Food Sciences](#), [Veterinary Science](#)

Series: [Interdepartmental](#) (ID series)

Size: 3.64 mb

Pages: 4

[PR-829](#)

[2021 Soybean Yield and Quality Contest](#)

9/7/2023 (new)

Authors: [Matt Adams](#), [Clint Hardy](#), [Katie Hughes](#), [Carrie Knott](#), [Brett Mitchell](#), [Troy Muse](#), [Dana O'Nan](#), [Conner Raymond](#), [Paul Andrew Rideout](#), [Darrell Simpson](#)

In Kentucky, farmers grow soybeans in two common soybean production systems: full season and double crop. Farmers plant full season soybeans in the spring and harvest them that fall, so they have harvested one crop in one calendar year. Farmers plant double crop soybeans after wheat harvest in June. These soybeans are harvested later that fall, making them the second crop harvested in the same calendar year. Both systems are important to the overall production of soybean in Kentucky. Therefore, in 1980, an annual soybean yield contest was initiated in Kentucky to document the agronomic practices utilized by producers.

Departments: [County Extension](#), [Daviess County](#), [Hardin County](#), [Henderson County](#), [Muhlenberg County](#), [Plant and Soil Sciences](#)

Series: [Progress Report](#) (PR series)

Size: 1.36 mb

Pages: 12

[PR-830](#)

[2022 Soybean Yield and Quality Contest](#)

9/7/2023 (new)

Authors: [Danny Adams](#), [Matt Adams](#), [Jessica Buchman](#), [Daniel Carpenter](#), [Clint Hardy](#), [Katie Hughes](#), [Carrie Knott](#), [Lance Lockhart](#), [Cole Mattingly](#), [Brett Mitchell](#), [Michael Mullican](#), [Troy Muse](#), [Conner Raymond](#), [Glen Roberts](#), [Vicki Shadrick](#), [Darrell Simpson](#), [Gary Stockton](#)

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Departments: [County Extension](#), [Daviess County](#), [Hardin County](#), [Larue County](#), [Muhlenberg County](#), [Plant and Soil Sciences](#), [Wayne County](#)

Series: [Progress Report](#) (PR series)

Size: 1.34 mb

Pages: 16

[4DG-1LO](#)

[Introduction to agriCULTURE](#)

8/31/2023 (new)

Authors: [Rachel Guidugli](#), [Isaac Hilpp](#), [Ashley Osborne](#), [Misty Wilmoth](#)

According to the U.S. Department of Education International Strategy Report (2012- 2016), in order for youth to succeed in the 21st century workplace, they must develop knowledge and understanding of other countries, cultures, languages, and perspectives. The overall mission of 4-H is to provide

opportunities for youth and adults to work together to create sustainable community change. This is accomplished within three primary

Departments: [4-H Programs](#), [Ag Programs](#)

Series: [4-H Natural Science: Wildlife and Fisheries](#) (4DG series)

Size: 19.84 mb

Pages: 54

[ID-1](#)

[The Kentucky Extension Master Gardener Program](#)

8/24/2023 (new)

Authors: [Sharon Bale](#), [Tom Barnes](#), [Jessica Bessin](#), [Kenneth Clayton](#), [Rick Durham](#), [Bill Fountain](#), [J.D. Green](#), [Kelly Jackson](#), [Krista Jacobsen](#), [Jonathan Larson](#), [Brad Lee](#), [Kimberly Leonberger](#), [Adam Leonberger](#), [Gregg Munshaw](#), [A.J. Powell](#), [Edwin Ritchey](#), [Rachel Rudolph](#), [Robbie Smith](#), [Matthew Springer](#), [Lee Townsend](#), [Nicole Ward Gauthier](#), [Stacy White](#), [Mark Williams](#), [Erica Wood](#), [Shawn Wright](#)

Plants are essential to life on earth. Either directly or indirectly, they are the primary food source for humans and other animals. Additionally, they provide fuel, replenish the earth's oxygen supply, prevent soil erosion, slow down wind movement, cool the atmosphere, provide wildlife habitat, supply medicinal compounds, and beautify our surroundings.

Departments: [Bell County](#), [Christian County](#), [County Extension](#), [Entomology](#), [Extension Office](#), [Forestry and Natural Resources](#), [Franklin County](#), [Hopkins County](#), [Horticulture](#), [Mercer County](#), [Plant and Soil Sciences](#), [Plant Pathology](#)

Series: [Interdepartmental](#) (ID series)

Size: 63.04 mb

Pages: 336

[ASC-256](#)

[Comparison of Production Levels Among U.S. Beef Breeds](#)

8/8/2023 (new)

Authors: [Darrh Bullock](#)

Genetic trends for beef breeds, for many traits, are on the move. The genetic trend for growth in most breeds is strongly positive. Maternal weaning weight (milk) on the other hand is breed dependent, with some breeds showing strong selection for increased milk and others slightly reducing their genetic potential for milking ability. For that reason, it is important to monitor relative differences between breeds for various production traits to assist beef producers in their breed selection decisions.

Departments: [Animal and Food Sciences](#)

Series: [Animal Science](#) (ASC series)

Size: 592 kb

Pages: 3

[FCS1-411](#)

[Be a Table Etiquette Superstar!](#)

8/2/2023 (major revision)

Authors: [Sandra Bastin](#), [Debbie Clouthier](#)

Your resume may get you the interview, but your personal skills will get you the job. One set of personal skills is table manners or etiquette. Etiquette is simply a set of rules to add enjoyment to any meal or social occasion. Table manners play a vital role in making a favorable impression on those around you.

Departments: [Dietetics and Human Nutrition](#), [Family and Consumer Sciences](#)

Series: [FCS: Cultural and Miscellaneous](#) (FCS1 series)

Size: 3.72 mb

Pages: 4

[PR-831](#)

[2023 Kentucky Small Grains Variety Performance Trial](#)

7/12/2023 (new)

Authors: [Bill Bruening](#), [Cam Kenimer](#), [Dalton Mertz](#), [Gene Olson](#), [Phillip Shine](#), [Dave Van Sanford](#)

The objective of the Kentucky small grain variety performance trial is to evaluate varieties of wheat, oat, barley, triticale, and cereal rye that are commercially available or may soon be available to Kentucky farmers. New varieties continually are being developed by agricultural experiment stations and commercial firms. Annual evaluation of small grain varieties and selections provides farmers, seed producers, and other agricultural workers with current information to help them select the varieties best adapted to their locality and individual requirements.

Departments: [Plant and Soil Sciences](#)

Series: [Progress Report](#) (PR series)

Size: 577 kb

Pages: 12

[NEP-231](#)

[Growing Your Own: Potatoes](#)

7/6/2023 (new)

Authors: [Daniel Bowen](#), [Rick Durham](#), [Rachel Rudolph](#)

Potatoes grow well in the spring or fall. They are not roots but tubers, which are a type of stem. Potatoes are a good source of vitamins B and C, potassium, and complex carbohydrates.

Departments: [Extension Office](#), [Family and Consumer Sciences](#), [Horticulture](#)

Series: [Nutrition Education Program](#) (NEP series)

Size: 2.59 mb
Pages: 5

[NEP-232](#)

[Growing Your Own: Sweet Potatoes](#)

7/6/2023 (new)

Authors: [Daniel Bowen](#), [Rick Durham](#), [Rachel Rudolph](#)

Add sweet potatoes to your garden this year if you have enough space. Despite what their name suggests, sweet potatoes (sometimes written as the single-word "sweetpotatoes") are not related to white potatoes. They like to grow in warm weather. They are healthy and a good source of vitamin A and vitamin C.

Departments: [Extension Office](#), [Family and Consumer Sciences](#), [Horticulture](#)

Series: [Nutrition Education Program](#) (NEP series)

Size: 4.17 mb

Pages: 4

[FOR-172](#)

[Vole Issues and Management around Homes, Orchards, and Row Crops](#)

6/26/2023 (new)

Authors: [Andrew Ibach](#), [Jena Nierman](#), [Matthew Springer](#)

Voles are a small rodent found in the family Cricetidae. Voles are most commonly known for burrowing systems they create. In Kentucky, there are four different species of voles: The Meadow vole (*Microtus pennsylvanicus*), Prairie vole (*Microtus ochrogaster*), Woodland vole (*Microtus pinetorum*), and the Southern Red-Backed vole (*Myodes gapperi*). Though each species is unique, they share common characteristics.

Departments: [Forestry and Natural Resources](#)

Series: [Forestry and Natural Resources](#) (FOR series)

Size: 7.50 mb

Pages: 5

[IP-15](#)

[Simple Parliamentary Procedure Guidelines for Better Business Meetings](#)

6/9/2023 *(major revision)*

Authors: [Kim Henken](#)

Have you attended a disorganized meeting? A meeting with no flow or focus? A meeting where no votes were taken and attendees did not feel like they made decisions? Chances are people left feeling like their time was not valued. Utilizing parliamentary procedure can help an organization, board, or governing body to have a productive, orderly meeting. A presiding officer can lead a more effective meeting when all members of the group have basic knowledge of parliamentary procedure.

Departments: [Family and Consumer Sciences](#)

Series: [Interprogram](#) (IP series)

Size: 230 kb

Pages: 12