

Hickman County Extension Office
329 James H Phillips Drive
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Clinton, KY 42031
Phone: (270) 653-2231



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



Hickman County Agriculture and Natural Resources Newsletter

JANUARY 2023

Cooperative Extension Service
Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
Community and Economic Development

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national 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. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

LEXINGTON, KY 40546



Disabilities
accommodated
with prior notification.

Timely Tips

Dr. Les Anderson, 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 heifers gaining to increase the probability of puberty occurring before 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. Cows must reach a body condition score of 5 before calving to maximize their opportunity for reproductive success. Supplementation now allows adequate time for cows to calving in adequate body condition score.
- Get ready for the calving season! See that all equipment and materials are ready, including obstetrical equipment, record forms or booklets, eartags, 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/supplement. 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. Bale grazing is an option for producers to help control mud while spreading nutrients across pastures.
- 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.



**HICKMAN COUNTY
COOPERATIVE EXTENSION
PESTICIDE
CARD
RENEWAL**



**Hickman County Extension Office
329 James H. Phillips Drive, Clinton KY 42031**

January 25, 2023 - 3:00 PM

February 7, 2023 - 9:00 AM

February 13, 2023 - 9:00 AM

For more information call Hickman County
Extension office at 270-653-2231

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Is Fungicide Resistance an Issue? Let Us know!

The University of Kentucky is inviting you to take part in a survey of current understanding of fungicide resistance issues. Fungicide resistance is a growing concern in agriculture and also in human fungal pathogens. Improving our understanding of knowledge gaps in understanding of fungicide resistance will help us provide better extension resources to clientele. Although you may not get personal benefit from taking this survey, your responses may help us understand more about how the University of Kentucky can best serve agricultural clientele now and in the future. This survey should take about 10 minutes to complete.

If you are interested in participating, complete the survey:

https://uky.az1.qualtrics.com/jfe/form/SV_00MNKePBFL6rDG6

If you do not want to participate, you do not need to take the survey. If you do not feel comfortable answering certain questions, you may skip them and/or discontinue the survey at any time. You will not be penalized in any way for skipping questions or discontinuing the survey. Participation in the survey is voluntary and your decision on whether or not to participate will not affect your affiliation with the University of Kentucky. Please fill out the survey only if you are 18 years of age or older. Your response to the survey is anonymous which means no names, IP addresses, email addresses, or any other identifiable information will be collected with the survey responses. We will not know which responses are yours if you choose to participate. We will make every effort to safeguard your data, but as with anything online, we cannot guarantee the security of data obtained via the Internet. Third-party applications used in this study may have Terms of Service and Privacy policies outside of the control of the University of Kentucky.

Please fill out the survey to the best of your knowledge. If you have questions about the survey, please feel free to contact Kiersten Wise at Kiersten.wise@uky.edu.

REMINDER...

Changes in Pesticide Applicator Programs

2023 Changes in the Kentucky Commercial Applicator & Kentucky Private Applicator Program have come into effect January 1, 2023. Please see highlights below. For more detailed information see our December issue at <https://www.kygrains.info/corn-and-soybean-news>

Commercial Applicator Program changes include:

- New Category Structure and Recertification
- General CEUs Eliminated
- Annual CEU Requirement
- License Renewal Grace Period Shortened - *grace period has been shorted to 31 days past the expiration of the license.*
- Penalty for not Earning CEUs - *subject to a \$200 recertification fee.*

Private Applicators changes

- Age and Identity
- Non-certified Applicator (NCA) Under Direct Supervision of a Certified Applicator
- Fumigation and Aerial Application Training
- Terms of Certification
- New Core Competency Standards

Welcome Dr. Grant Gardner



We would like to welcome Dr. Grant Gardner, new Extension Specialist in Agriculture Economics at the University of Kentucky.

Dr. Gardner was born and raised on a corn and soybean operation in southwestern Indiana. He received his B.S. in Agribusiness from Purdue University, his M.S. and Ph.D. in Agricultural Economics from the University of Nebraska-Lincoln and Kansas State University respectively.

Grant has experience working on both traditional grains and produce operations. He has a passion for aiding farm producers and the agricultural industry, which he attributes to his upbringing in a rural farm community.

His mission through the University of Kentucky is to provide economic opportunities for Kentucky producers by conducting research related to commodity marketing, risk management, and farm management. He is building an extension program focused on commodity markets, crop

insurance, and other applicable subject matter. Follow on twitter: https://twitter.com/KY_GrainMarkets

Dr. Gardner's Contact Information:

859-257-7280 (Office)

812-890-3455 (Cell)

Grant.Gardner@uky.edu

2023 IPM Training School

This year the Integrated Pest Management School meeting will take place at the McCracken County Extension Office, Paducah on March 8th. Virtual attendees can access the meeting through Zoom, both audiences require [registration](#) via Zoom. Onsite registration will be also available for live attendees. Eight UK extension specialists in diverse areas of field crops will speak in the morning session. The topics include updates on pesticide certification and training, herbicide and fungicide resistances, corn and soybean diseases management, stink bugs and caterpillars in soybean, and soil analysis and recommendations. In the afternoon, six horticulture specialists will talk about advanced concepts in fungicides, diseases in forest trees, root-knot nematode management in the field and protected crop productions, soil water monitoring, invasive insects, and wildlife management in Kentucky. This event offers CEUs to pesticide applicators and certified consultant advisers for each session.

UPCOMING EVENTS

Jan 19, 2023	KY Commodity Conference - Bowling Green
Feb 9, 2023	Kentucky Crop Health Conference - Bowling Green (IPM—Grain Crops)
Feb 23, 2023	KATS In-depth Mode of Action
March 8, 2023	IPM Training School
March 9, 2023	KATS Soil Fertility and Assessment
March 9-11, 2023	National Commodity Classic - Orlando FL
May 09, 2023	UK Wheat Field Day
May 18, 2023	KATS Crop Scouting Clinic
June 7-8, 2023	KATS Drone Pilot Certification Prep Course
June 29, 2023	Pest Management Field Day - Princeton (IPM-Grain Crops)
July 13, 2023	KATS Spray Clinic
Jul 25, 2023	UK Corn, Soybean and Tobacco Field Day





Potato Broccoli Soup

4 cups cubed potatoes	3 cups 2% milk	2 green onions, finely minced, divided
2 heads broccoli, (3-4 cups florets)	¼ teaspoon salt	½ cup reduced-fat sour cream
2 tablespoons olive oil	½ teaspoon pepper	¼ cup bacon bits (optional)
¼ cup all-purpose flour	5 ounces cheddar cheese, reduced-fat, shredded	
⅓ cup melted butter		

Preheat oven to 375 degrees F. **Place** potatoes in large saucepan, **cover** with water and bring to a boil. **Reduce** heat and **cook** potatoes until tender, about 15 minutes. **Cut** broccoli heads into small florets and **place** on baking tray. **Drizzle** with olive oil and **roast** for 15 minutes. **Drain** cooked potatoes in a colander. In the saucepan, **combine** the flour and melted butter; **cook** on medium heat for 1 minute. Slowly **add** milk to the mixture, stirring constantly until thickened. Soup can be thinned by adding an additional

½ cup of milk or water, if desired. **Add** the potatoes, broccoli, salt, pepper, cheese, half of the green onions and bacon bits. **Cook** on low until heated. A few minutes before serving, **add** the sour cream and **stir** to combine. **Serve** topped with remaining onions.

Yield: 6, 1¼ cup servings

Nutritional Analysis: 390 calories, 24 g fat, 13 g saturated fat, 60 mg cholesterol, 370 mg sodium, 30 g carbohydrate, 3 g fiber, 9 g sugars, 15 g protein.

Kentucky Potatoes

SEASON: Late June to October.

NUTRITION FACTS: Potatoes are a good source of vitamins B and C, potassium and complex carbohydrates. They do not contain fat, cholesterol or sodium. There is only 70 calories in a ½ cup serving of cooked potato. Most nutrients are located just below the skin, so avoid peeling whenever possible.

SELECTION: Select firm potatoes free from wrinkles, green spots or bruises. New potatoes are immature potatoes of any variety. They are creamy, thin-skinned and small enough to serve whole. New potatoes

are best in dishes that call for boiled potatoes as they will hold their shape. For baking, frying and mashing, choose drier varieties such as russet or Yukon Gold.

STORAGE: Potatoes should be kept in a cool, humid, dark, well ventilated place. Do not store in the refrigerator.

PREPARATION: Potatoes should be thoroughly washed and scrubbed before cooking. Any sprouts or eyes should be cut out. Common methods of preparation include boiling, baking, microwaving, mashing, frying and grilling.

KENTUCKY POTATOES

Kentucky Proud Project

County Extension Agents for Family and Consumer Sciences

University of Kentucky, Dietetics and Human Nutrition students

September 2017

Source: www.fruitsandveggiesmatter.gov

Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers market, or roadside stand. <http://plateitup.ca.uky.edu>



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For more information follow us at
<https://hickman.ca.uky.edu/>

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Hickman County Cooperative
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Agent for Agriculture and
Natural Resources



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RETURN SERVICE REQUESTED