

Dear Nicholas County 4-H'ers,

Happy New Year to you and your family! What's your New Year Resolution? Do you make resolutions? I always have and always look at the NEW YEAR as a fresh start. We all have room for growth and improvement and anytime of the year is a good time to make changes, not just when a New Year approaches. But, I am sharing my resolutions below and including this template in case you want to join me in the tradition. Here's to making 2023 the best year ever for you and your family!

Tentative dates for Project Days are below. Please watch our Facebook for registration. These projects will make awesome entries in the Nicholas County Fair! NOVEMBER: BASKET MAKING- 11/21 December: Baking Up a Storm 12/15 January: Country Ham 1/16 February: Lamp Making 2/8 March: Photography 3/13 April: Earth Day Recycled Projects 4/20 May: Leather Stamping

Project

February Fair Project Day Another project day to

create an entry for the County Fair! Register by scanning this QR Code





Disabilities accommodated



of Kentu le, KY 4031 59-473-1452

ension Agent for FCS/4H

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

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Nicholas County

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University of Kentucky College of Agriculture, Food and Environment



COOKING CLUB

Beginning 4-H Cooking Club January meeting will be on January 26th at the livestock barn afterschool til 4:30 p.m.

Advanced Cooking Club

January meeting will be on January 26th at the Livestock Barn 4:30- 6 p.m.



BLUE JACKET BULLETS

The Bluejacket Bullets will be gearing up for the 2023 season soon! Mark your calendars for our SIGN-UP Night on March 27th!



NICHOLAS COUNTY 4-H Horse Club

We are still searching for a Horse Club Volunteer. If you are interested in volunteering, please reach out!

LIVESTOCK CLUB

Livestock Club earned 2nd place in the annual Carlisle Christmas Parade earning them a \$100. Special thanks to those that helped build the float, and especially the GRINCH! The Shop Small Vendor Fair was a huge success as well, and brought in over \$700 to the club. Lastly, we have purchased a NEW Livestock Kit for club members and are working on putting that together! Great things are happening in our Livestock Club.



SEWING CLUB

Nicholas County 4-H Sewing Club met in December and visited the Nicholas County Animal Shelter to donate dog beds they had made. Dog Warden Willie Hogg was nice enough to give us a tour and was grateful for the donation as they were running low on bedding. Sewing Club A will meet on January 23rd and Sewing Club B will meet on January 25th. Both will be afterschool til 4:30 p.m.. We will begin sewing our drawstring backpacks for our county/state fair project.







NEXT MEETING: JANUARY 17 AFTERSCHOOL TIL 4:30. SNACK AND ACTIVITY MATERIALS WILL BE PROVIDED.







FEBRUARY 2 & 3, 2023 Lake Cumberland 4-H Camp



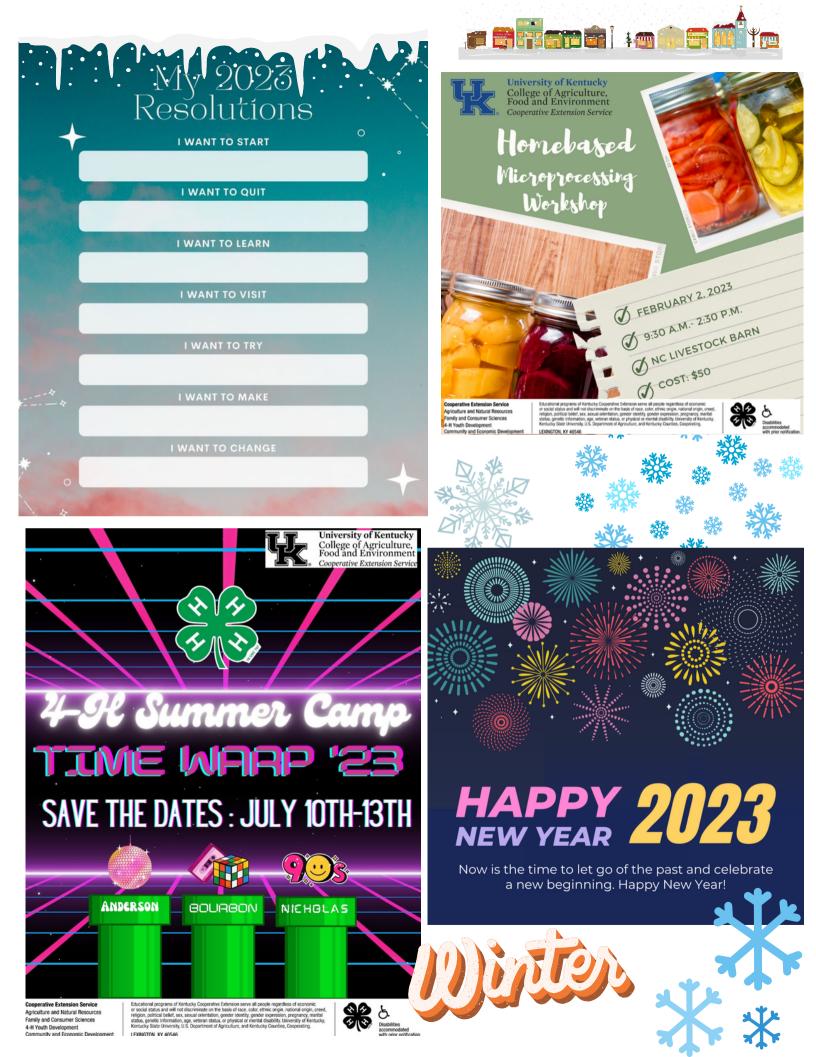
4-H SUMMIT MIDDLE SCHOOL LEADERSHIP CONFERENCE MARCH 16-18

MEET MIDDLE SCHOOLERS FROM ACROSS THE STATE! CHOOSE WORKSHOPS OF INTEREST TO YOU, PARTICIPATE IN A COMMUNITY SERVICE PROJECT AND MUCH MORE!

Call the office if you are interested!

COUNTRY HAM PROJECT

Dates	Topic	Location	Time
January 16th	4-H Country Ham Curing	Livestock Barn	TBD
February 9 th	4-H Ham Speech Writing Workshop- Bring Laptop or Chromebook if you have one and/or paper and pencil	Livestock Barn	6:00 p.m 7:00 p.m.
March 30 th	Rough Speech due- bring speech to be given. We will work on refining it	Livestock Barn	6:00 p.m 7:30 p.m.
May 4th or May 5 th (pick which works best for you)	1" Ham Cleaning Day	Livestock Barn	Afterschool- 5 p.m.
August 2 nd	Final Speech Preparations	Extension Office	Appointments will be made to work with each of you individually to prepare for State Fair
August 14 th or 15 th (pick which works best for you)	Final Ham Cleaning Day	Livestock Barn	Afterschool- 5 p.m.
August 17th	Kentucky State Fair 4-H Country Ham Day -You will need your own transportation to and from the Kentucky State Fair. We will provide each participant with 2 tickets to the fair	Louisville, Kentucky	ALL DAY
November 16 th (tentative)	4-H Country Ham Auction	Livestock Barn	6 p.m.



Nicholas County Extension January 2023 AGAND NATURAL RESOURCES NEWSLETTER

The Seasonality of Calf Prices and Factors Unique to 2022 / 2023

By: Kenny Burdine

High grain prices have been the focus of much discussion in 2022. As I write this, CME© corn futures are trading in the mid-\$6 per bushel range through next summer. This story is likely best told by looking at the chart above, which summarizes feed cost per lb of gain from Kansas State's Focus on Feedlots data. The most recent feed cost of gain estimate from participating feed yards exceeds \$1.35 per lb. And projected cost of gain is even higher for cattle that are currently being placed. As a comparison, the average feed cost per lb of gain was about \$0.79 from 2016 to 2020. High cost of gain incentivizes the placement of heavier feeder cattle into finishing programs. Current feed prices don't make the placement of light cattle on feed very attractive, which is preventing calf markets from reaching price levels they would reach in a more normal feed cost environment.

I want to use this as a backdrop to discuss how feed price levels impact seasonal price patterns in calf markets. In most years, calf markets reach their highs in the spring as light weight calves are being placed into grazing programs. The lower cost of gain from grazing results in higher calf prices as stocker operators compete for calves. As grazing opportunities disappear in the fall, feed prices become a major driver of calf values and we tend to see calf markets put in their seasonal lows. The more expensive feed becomes, the lower calf markets go. So, high feed prices tend to amplify the normal seasonal patterns in calf markets. The higher feed prices are, the larger the differential between the spring and fall calf prices.

As we think about this fall and the coming spring, I wanted to mention two other factors that are relevant, but more unique to this year. While grazing opportunities are primarily a consideration in the spring, grazing cattle on winter wheat pasture is certainly an exception. Given the dry weather in the Southern Plains, one would reasonably expect that fewer calves have been placed on wheat pasture than normal, which has likely also hampered calf prices this fall / winter. Had wheat grazing conditions been more favorable this year, I think we would have seen a slightly higher calf market.

Secondly, the amount of carry in CME© feeder cattle futures will have an impact on price improvement between now and spring. Calves that are being placed into backgrounding programs now will be sold in the spring of 2023, while calves being placed into grazing programs next spring will be sold in the fall of 2023. Currently, fall 2023 futures contracts are trading at a \$10 to \$15 premium over spring 2023 futures contracts. This is a significant difference in expected value that should also be reflected in higher calf prices this spring. Put simply, if normal grazing opportunities exist, a great deal of improvement should be seen in the calf market over the next several months

Upcoming Events

CAIP Documents can now be dropped at the Extension Office-368 East Main St. for CAIP administrators to pick up

January 3-4 Kentucky Fruit and Vegetable Conference

January 5- UK Winter Wheat Meeting

January 19- KY Commodity Conference

February 9 Kentucky Crop Conference



Cooperative Extension Service

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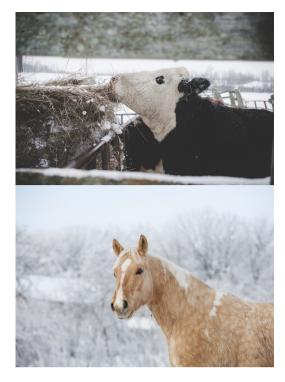


Cooperative Extension Service Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race. color, ethnic origin, national 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.

Cold weather safety for livestock

Companion animals aren't the only animals in need of protection during the winter months. Livestock, including horses, have their own unique considerations and needs when the weather gets colder.

Recognize the importance of early veterinary care: Schedule a veterinary exam early in the season to address any concerns before the harshest conditions arrive. This is a good time to discuss vaccinations, nutritional supplementation, deworming, and other parasite treatment needs. Veterinary attention is especially important for animals that are pregnant, and very young or very old animals may require special attention.



Provide appropriate shelter from the elements: Livestock can generally tolerate cold temperatures, but wind, rain, or snow will require a greater expenditure of calories. With that in mind, be sure they have a way to get out of the elements, especially the wind. Blankets can help protect horses, but a structural shelter with proper ventilation and dry bedding is the best method of protection. If you do blanket your horses, be sure to check underneath often for signs of injury, infection, or malnutrition. Keep ice to a minimum to prevent injury, and remember to keep driveways clear so veterinarians and farriers can access your animals. Prevent mud management issues in the winter with proper preparation, whether that's through use of material like gravel, sand, or woodchips, or through other methods.

Consider the amount and quality of feed: Besides taking shelter, livestock keep warm by expending energy, which means they need to consume enough calories to heat themselves. Consider talking with your veterinarian to develop a feed plan that meets your animals' nutritional needs. This may mean increasing the amount of feed available to your animals, and/or increasing the quality of feed. Very young, very old, or sick animals will typically have additional nutritional needs during the winter compared to healthy, middle-aged animals.

Ensure access to water: It is crucial that your herd has access to fresh and unfrozen water. Tank heaters or heated buckets can help keep water at a temperature your animals are more comfortable drinking. Livestock will not consume adequate amounts of water if it is near freezing, and consuming enough water is important to your animals' health and well-being in winter months.

SUNDAY, JANUARY 22nd, 2023, 9 a.m.-5 p.m.

THE SEVENTH TEX CAUTHEN / HANS ALBRECHT FARRIER / VETERINARIAN / RESEARCHEF SEMINAR

"EQUINE SAFETY AND OPTIMAL BIOMECHANIC" HOOF / RACING SURFACE INTERACTIONS"

LIVE in the GLUCK Auditorium and via ZOOM



Registration link → https://t.ly/P2NE

THE SEVENTH TEX CAUTHEN / HANS ALBRECHT FARRIER / VETERINARIAN / RESEARCHER SEMINAR Page 2 of 3

EQUINE SAFETY AND OPTIMAL BIOMECHANICS OF HOOF/ SURFACE INTERACTIONS

The Seventh Tex Cauthen / Hans Albrecht Farrier / Veterinarian / Researcher Seminar will be held Sunday, January 22nd, 2023, LIVE and via ZOOM from the Gluck Equine Research Center Auditorium. The guests of honor are Doug, Kerry & Steve Cauthen, and Mrs. Vicki Albrecht; the organizing committee is chairedby Mr. Steve Norman and includes Dr. Dan Howe, Prof. Scott D. Stanley, Mr. Steve Stanley, Dr. Pedro De Pedro, Dr. Rob Holland, Dr. Fernanda Camargo, Mr. Sandy Hawley, Mr. Duane Raglin and Dr. Thomas Tobin.

The seminar begins with a welcome to the Maxwell H. Gluck Equine Research Center from our interim Director, Dr. Dan Howe. Dr. Robert Holland, DVM, PhD moderates the morning session on motion sensor technologies and optimizing safety for horse and rider. Dr. Scott Palmer, Equine Medical Director, New York State Gaming Commission then overviews equine safety matters. Next, Prof. Kevin Keegan reviews current racetrack data collection and analysis, followed by presentations from Dr. Clara Fenger and Dr. Rhodes Bell on Equinosis data collected from racing horses. We then have an update from Dr. David Lambert on the application of accelerometer data from racing Thoroughbreds. Following the morning coffee break, Dr. Michelle Nihei, and Dr Thilo Pfau outline trainer and researcher perspectives on critical factors affecting equine safety. The morning program then closes with a round table discussion moderated by Dr. Robert Holland, with Dr. Palmer, Prof. Keegan, Dr. Fenger, Dr. Bell, Dr. Lambert, Dr. Nihei, Dr. Petersen, Mr. Sandy Hawley, and Mr. Steve Stanley as discussants. Lunch in the Gluck Equine Research Center then follows, most generously hosted by Mr. Doug Watkins and Breeder's Farrier Supply of Lexington.

The afternoon session focuses on hoof / surface Interactions and optimizing equine safety and is chaired by Professor Scott D. Stanley of The Maxwell H. Gluck Equine Research Center. The opening presentation is on horseshoe geometry and hoof function by Professor Susan Stover of the University of California, Davis. Following a presentation by Mr. Mitch Taylor the focus switches to South America, with a presentation by Dr. Divagno Barcelos on shoeing strategies to minimize injury rates. Continuing this safety oriented approach, Mr. Ian McKinley presents on shoeing strategies to keep horses in symmetry and safe. Then, following the afternoon coffee break, Dr. Adam Pendleton reviews the role of toe grabs in racing horses followed by a presentation is by Mr Thomas Trostin on interactions between the farrier and racing communities and the Horse Racing Integrity and Safety Authorities. The day then closes with a round table discussion moderated by Professor Stanley, with Dr. Stover, Mr. Mitch Taylor, Dr. Barcelos, Mr. McKinlay, Dr. Pendleton, Mr. Steve Stanley, Mr. Duane Raglin, and Dr. Thomas Tobin as discussants

The full videotaped seminar will be available on the Gluck Equine Research Center websiteand on the American Farriers Association Communications Committee's internet newsletter/eblast. This event has been submitted for approval for 6.75 hours of Continuing Education Credits by the Kentucky Board of Veterinary Examiners for Veterinarians and Veterinary Technicians and for 5.5 hours by the American Association of Professional Farriers AAPF); for more information, <u>https://www.ProfessionalFarriers.com</u>.

USDA 2022 Census of Agriculture

Kentucky's farmers will soon have the opportunity to be represented in the nation's only comprehensive and impartial agriculture data for every state and county. The U.S. Department of Agriculture (USDA) will mail the 2022 Census of Agriculture to 125,000 Kentucky ag producers this fall.

The 2022 Census of Agriculture will be mailed in phases, starting with an invitation to respond online in November. Farm operations of all sizes, urban and rural, which produced and sold, or normally would have sold, \$1,000 or more of agricultural product in 2022 are included in the ag census.

Collected in service to American agriculture since 1840, the Census of Agriculture tells the story and shows the value of Kentucky's agriculture. It highlights land use and ownership, producer characteristics, production practices, income and expenditures, among other topics. For more information visit www.nass.usda.gov/AgCensus.

Kentucky Crop Health Conference

Feb. 9, 2023 - National Corvette Museum - Bowling Green, Ky.

Speakers include University of Kentucky Extension Specialists and invited nationally prominent Extension Specialists from across the United States





Topic: Managing insect pests of

treatments

Topic: Managing glyph

Tennessee

opic: What we have learned m nearly 2 decades of

> soybean Raul Villanueva

, biological control, and

management in soybeans

vic: Frontline Tactics to Manage rn Rust of Corr

panic?

Travis Legleiter ass in a Kentucky arain crop rota

University of Kentucky



Scan QR Code to register or visit: https://kentuckycrophealthconference2023.eventbrite.com Registration ends Feb. 1, 2023

nch included — CCA and KY Pesticide A

A Comprehensive Guide to Corn Management in Kentucky

ID-139 Is now online

http://www2.ca.uky.edu/agcomm/pubs/id/id139/id139.pdf



A Comprehensive Guide to Jorn

Management in Kentucky

Cover: No-till corn field in Hardin County, Kentucky. Photo by Chad Lee

UPCOMING EVENTS

Jan 5, 2023	UK Winter Wheat Meeting
Jan 19, 2023	KY Commodity Conference - Bowling Green
Feb 9, 2023	Kentucky Crop Health Conference - Bowling Green
Feb 23, 2023	KATS In-depth Mode of Action
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
July 13, 2023	KATS Spray Clinic
Jul 25, 2023	UK Corn, Soybean and Tobacco Field Day

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Feeder cattle and calf markets were mixed last week, but significantly higher than 2021. Fed cattle prices were slightly lower, but higher than year-ago. Boxed beef prices were down a bit week-over-week, but down significantly from last year. Live cattle, feeder cattle and corn futures were largely unchanged last week.

Cattle	Cattle Market Report	For W	For Weeks Ending On	ng On	% Chg % Chg Prev. Prev.	% Chg Prev.	
Prices S/cwt. Sou	Prices S/cwt. Sources: USIDA, LMIC, and CMF	12/9/22	12/2/22	12/10/21	Week	Year	Year Chg Prev. Week
	Mississippi M/L #1-2	\$160.63	\$161.63	\$143.51	-1%	12%	(\$1.01)
	Arkansas M/L #1	\$179.84	\$181.47	\$166.17	-1%	8%	(\$1.64)
	Kentucky M/L #1-2	\$172.65	\$172.24	\$155.56	%0	11%	\$0.41
Fooder Steam	Oklahoma City M/L #1-2	\$183.67	\$185.70	\$166.96	-1%	10%	(\$2.03)
	Alabama M/L #1	\$176.09	\$169.43	\$159.37	4%	10%	\$6.66
	Temessee M/L #1-2	\$168.58	\$164.69	\$157.42	2%	7%	\$3.89
	Missouri M/L #1-2	\$182.49	\$182.29	\$163.14	%0	12%	\$0.20
	Mississippi M/L #1-2	\$135.89	\$141.53	\$128.49	-4%	6%	(\$5.64)
	Arkansas M/L #1	\$159.88	\$160.75	\$141.81	-1%	13%	(\$0.88)
700 000 11	Kentucky M/L #1-2	\$158.71	\$160.33	\$146.49	-1%	8%	(\$1.63)
Fooder Steers	Oklahoma City M/L #1-2	\$166.81	\$171.35	\$156.62	-3%	°∕∿	(\$4.54)
	Alabarra M/L #1	\$157.48	\$159.35	\$136.49	-1%	15%	(\$1.87)
	Temessee M/L #1-2	\$152.17	\$145.66	\$135.53	4%	12%	\$6.51
	Missouri M/L #1-2	\$170.55	S169.34	S149.50	1%	14%	\$1.21
Negotiated Fed	Live Price	\$155.79	\$156.42	\$139.69	%0	12%	(\$0.63)
Steers	Dressed Price	\$246.82	\$248.55	\$219.71	-1%	12%	(\$1.73)
Boxed Beef	Choice Value, 600-900 lb.	\$246.23	\$253.53	\$266.75	-3%	-8%	(\$7.30)
Cutout	Select Value. 600-900 lb.	\$220.37	\$225.78	\$254.11	-2%	-13%	(\$5.42)

Futures Prices	ices	12/9/22	12/2/22
1	December	\$153.68	\$153.35
Cattla	February	\$155.55	\$155.88
Callie	April	\$159.35	\$159.57
Loodou	January	\$183.93	\$182.45
Cattla	March	\$185.10	\$185.27
Caulte	April	\$188.60	\$188.63
	December	\$6.35	\$6.35
	March	\$6.44	\$6.46
Source: CME Group	Group		

2023 Winter Wheat Meeting

James E Bruce Convention Center

303 Conference Center Dr., Hopkinsville, KY 4224

TOPICS INCLUDE:

- Changes To The Pesticide Applicator Programs In 2023
- ► Managing Important Wheat Diseases With Fungicides
- Kentucky Weather And Climate Outlook, Trends, And Monitoring
- Improving IPM For Insect Control For Stored Grains
- Economics Of Fungicide Application Tim-

ing

Soil Fertility Update, The Latest Research

The University of Kentucky.

January 5, 2023 9 am–3 pm CT

9 aur-3 pur C1 Registration 8:30 CT Approved Credits: CCA: NM 0.5, SW 0.5, PM 1.0, CM 0.5 Pesticide credits pending approval



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Disabilities accommodated with prior notification



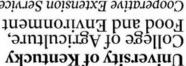
For additional information email claurent@uky.edu

Educational programs of feetuacy. Cooperative Extension serve all people regardless of eco terocal status area with red octaments on the basic of accuration and area of accurational terrational contract and the reduction particle balls, service status or detection provide reducting terration provide reducting terration and retrations, genote information particle and terrational terration



January 2023

	Mon	Tue	Wed	Thu	Fri	Sat
1 Happy New Year! Happy	7	3 Fruit and Vegeta- ble Conference	4 National Spaghetti Day Fruit and Vegetable Conference	5 UK Winter Wheat Meeting	6 4-H In the Class- room	
	თ	10 Asr	Ashley at FCS Training	S Training	ng ta	
	16 Martin Luther King, Jr. Day- COUNTRY HAM DAY!!!!!	17 CLOVERBUDS	18 Cooking thru Calen- dar Demo @ 11a.m. ference	19 National Popcorn 20 TEEN CLUB Day KY Commodity Con- ference	20 TEEN CLUB	21
22 Chinese New Years	23 Sewing Club A	24 Nicholas County District Board Meet- ing 5:30 p.m.	25 Sewing Club B	26 4-H at New Be- ginnings Cooking Club- Be- ginner and Ad- vanced	27 National Choco- late Cake Day	28 National Data Privacy Day Possible Skillathon (details to come)
	30	31				





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Cooperative Extension Service

flesh into 1 inch squares. Steam squash cubes until tender. Drain and mash. 2. Preheat oven to 400° F. In a large bowl, mix together the cushaw, butter, and sugars. Add eggs, lemon extract, vanilla extract, nutmeg and cinnamon. Mix until

1. To prepare squash: Wash and

remove rind from the squash. Cut

2 cups cooked and

mashed cushaw

1/4 cup butter

1/4 cup sugar

squash

smooth.

3. Pour mixture into pie shell.

4. Bake 15 minutes at 400° F.

cinnamon

5. Reduce oven temperature to 350° F and bake pie for an additional

1/2 teaspoon nutmeg

1/4 teaspoon ground

19-inch graham

cracker pie shell

45 minutes or until filling sets.

Nutritional Analysis: 250 calories, 13 g fat, 5 g saturated fat, 2.5 g trans fat, 70 mg cholesterol, 140 mg sodium, 33g carbohydrate, 1 g fiber, 3 g protein.

Yield: 8 slices

Cushaw Pie

1/2 cup brown sugar

1 teaspoon lemon

1 teaspoon vanilla

2 eggs

extract

extract

Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.

Stop by our office for the NEW 2023 Recipe Calendars!