

GRAVES COUNTY AGRICULTURE & NATURAL RESOURCES NEWS

 **Martin-Gatton**
College of Agriculture,
Food and Environment
University of Kentucky.

**GRAVES COUNTY COOPERATIVE
EXTENSION SERVICE**
4200 US HWY 45
MAYFIELD, KY 42066
(270)247-2334
GRAVES.EXT@UKY.EDU

October 2023

IN THIS EDITION:

- **Agent Notes**
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Summer is officially over and fall is here, despite what the temperature outside feels like! Harvest is jumping and everyone is gearing up for fall clean-up to put your gardens and lawns to rest for the winter.

We have a lot of great, fun events planned over October! In the ag world, I have 2 pumpkin planter workshops that booked up within a day of posting them. If you would like to be placed on the waiting list, call the office! You might be able to snag a spot if someone cancels. There is also a summer sausage workshop that still has a few spots available! Call today to sign up!

If you have little ones in your life, dress them up and bring them out to our Trunk or Treat Story Walk! This year we are featuring Clifford the Big Red Dog for our book and you can even get pictures at our Clifford hay bale stop when you come! Check out the flyer at the end of this newsletter and share it with a friend!

There is a lot of important information in this newsletter especially if you are a pesticide license holder and if you are interested in getting more information on the new Mayfield Downtown Farmer's Market. Make sure you flip through to find that!

And, if you haven't done so yet, please take the time to fill out our community survey. You will find the information towards the back of this newsletter. This is important for our statewide initiatives and is a great way for you to let us know what you think is important to Graves County!

As always, please let me know if you have any programming ideas you would like to see or if we can partner together in some way.

Miranda Rudolph

Miranda Rudolph

Extension Agent for Agriculture & Natural Resources

Graves County

miranda.rudolph@uky.edu | 270.247.2334 | 270.978.7052



"I'm so glad I live in a world where there are Octobers."

L.M. Montgomery, Anne of Green Gables



What's Happening?

Bolded events are hosted by the Graves County Extension Office.

- **October 10- Pumpkin Planters, 5:30pm- GCEO**
- **October 13- Pumpkin Planters, 12pm- GCEO**
- **October 16- Summer Sausage Workshop, 6pm- GCEO**
- **October 17- Commercial Pesticide Testing, 10am- GCEO**
- **October 17- Trunk or Treat, 4pm- GCEO**
- **October 26- Farmer's Market Town Hall, 4:30pm- GCEO**
- **October 31- Happy Halloween!**



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Agriculture and Natural Resources
Family and Consumer Sciences
4-H Youth Development
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University of Kentucky presents 2023 Fall Crop Protection Webinar Series

Beginning Nov. 2, 2023, the University of Kentucky Martin-Gatton College of Agriculture, Food and Environment will present a series of four webinars covering field crop protection. Hosted through the Southern Integrated Pest Management Center, the webinars will feature UK extension pest management specialists discussing weed science, plant pathology and entomology topics. Continuing education credits for Kentucky pesticide applicators and Certified Crop Advisors will be available.

The Thursday morning webinars will take place via Zoom at 10 a.m. EST/ 9 a.m. CST, and preregistration is required for each webinar. The webinars are open to agriculture and natural resource County extension agents, crop consultants, farmers, industry professionals, and others, whether they reside or work in Kentucky or outside the state.



Dr. Kiersten A. Wise

Webinar #1:

November 2, 2023

Registration: https://zoom.us/webinar/register/WN_CfQFt0dQSnq5ifdnaSre7A



Dr. Carl Bradley

Webinar #2:

November 9, 2023

Registration: https://zoom.us/webinar/register/WN_3SvKPhEDSSWcYhnUnLrvsQ



Dr. Travis Legleiter

Webinar #3:

November 16, 2023

Registration: https://zoom.us/webinar/register/WN_SIOzGyibQiOk4A6pTRHGmw



Dr. Raul Villanueva

Webinar #4:

November 30, 2023

Registration: https://zoom.us/webinar/register/WN_AqvCh08TQGCAJXvKxqdwFA



Check Your CEU Hours to Avoid Penalty

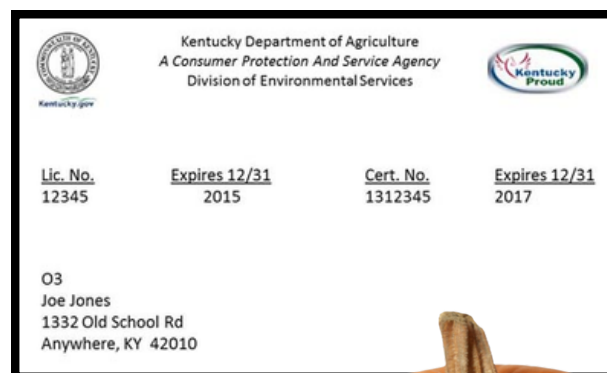
By Ric Bessin, Entomology Extension Specialist

This is the first year under the new recertification rules for pesticide licenses. The new regulations emphasize earning continuing education units (CEUs) to maintain licenses. With the new rule, commercial and non-commercial pesticide applicators and operators will need to have 12 CEU hours earned within the last three years to renew their license. In addition, at least one CEU must be in each of the categories held by the license holder. Each year during license renewal, CEU hours for the previous three years will be checked.

So, both commercial and non-commercial pesticide license holders should check their CEU hours periodically on the Kentucky Department of Agriculture website. This KDA website will have users create an account, then they can check their hours or the hours of persons in their company. Only hours earned within the past 3 years will appear for each licensee.

Persons needing CEU hours have until November 30 to earn those hours. The Kentucky Department of Agriculture maintains a schedule of approved meetings on their website which is updated periodically. Included on this list are in-person meetings, on-line webinars, as well as on-demand training. People needing hours should check this schedule periodically as new CEU opportunities are added regularly. Hours must be earned by November 30, after that date they will be credited to 2024.

Persons wanting to relicense that do not meeting CEU hour requirements will be subject to losing their license as well as a \$200 fine to relicense.



Grazing Conference Low Stress Livestock Handling for Serious Graziers

October 31, 2023

Elizabethtown

Hardin County Extension Office
7:30 AM - 3:30 PM CDT

November 1, 2023

Lexington

Fayette County Extension Office
7:30 AM - 3:30 PM EDT



Reducing Livestock Stress in Grazing Systems

Curt Pate, Curt Pate Stockmanship



Fencing for Multi-Species Grazing

Lewis Sapp, Stay-Tuff Fence



Designing Flexible Watering Systems

Jeff Lehmkuhler, University of Kentucky



Designing Livestock Handling Facilities for Existing Structures

Chris McBurney, McBurney Livestock Equipment



Local Producers and Spokesperson Contest



Optimizing Resources with Multi-Species Grazing

Greg Brann, Greg Brann Consulting

For more information please visit KFGC.ORG

Our speakers...

Curt Pate is a nationally renowned expert in low stress livestock handling. His focus on reducing stress in grazing systems makes him unique.

Lewis Sapp is a nationally recognized fencing expert with extensive experience in both temporary and permanent fencing systems.

Jeff Lehmkuhler is an award winning extension educator with more than 20 years of experience in designing flexible watering systems.

Chris McBurney has over 25 years of experience in designing, fabricating, and installing livestock facilities throughout the eastern United States.

Greg Brann is well known for his extensive knowledge of grassland ecosystems, grazing management, and mixed species grazing.

Tickets: \$45 Advance / \$60 Onsite / \$15 Students

Register Online:

Elizabethtown-<https://2023-KY-Grazing-Conference-Hardin>

Lexington-<https://2023-KY-Grazing-Conference-Fayette>

Register by Email: info@kfgc.org

Register by Phone: 513-470-8171

Register by Mail: Christi Forsythe, PO Box 469, Princeton, KY 42445

Make Checks payable to: KFGC

Name: _____

Street: _____

City: _____

State: _____ Zip Code: _____

Cell Phone: _____

Email: _____

Number of participants _____ x \$45per participant = _____ Total Amount

Names of additional Participants: _____



Organized and Sponsored by the Kentucky Forage and Grassland Council, UK Cooperative Extension Service, and the Master Grazer Program

This program is designed for producers and agricultural professionals to learn the newest fencing methods and sound fencing construction through a combination of classroom and hands-on learning

WHEN: November 7-Scott County, KY
November 9-Caldwell County, KY

WHERE: Scott County Extension Office
1130 Cincinnati Road
Georgetown, KY 40324

Kentucky Soybean Board Office
1000 Highway 62 West
Princeton, KY 42445



COST: \$35/participant -- includes notebook, refreshments, safety glasses, hearing protection, and catered lunch

Registration DEADLINE: 1 week prior to workshop

ONLINE Registration with Credit Card:

____ Georgetown, KY [Register for KY Fencing School in GEORGETOWN](#)

____ Princeton, KY [Register for KY Fencing School in PRINCETON](#)

Registration by U.S. Mail: Christi Forsythe
UK Research and Education Center
P.O. Box 469
Princeton, KY 42445

Name: _____

Street: _____

City: _____ State: _____ Zip code: _____

Email: _____ Cell Phone: _____

Number of participants _____ x \$35 per participant = _____ **Total Cost**

Make CHECKS payable to: KFGC

For more information contact Krista Lea at 270-625-0712 or Christi.Forsythe@uky.edu



2023 Kentucky Fencing Schools



2023 Kentucky Fencing School Agenda

- 7:30 Registration and Refreshments
- 8:15 Welcome and Overview of the Day – Chris Teutsch, UK
- 8:30 Fencing Types and Costs - Morgan Hayes, UK
- 9:00 Fence Construction Basics – Eric Miller and Payton Rushing, Stay-Tuff
 - Perimeter fences vs. cross fences
 - Fencing options on rented farms
 - Proper brace construction
 - Line posts and fence construction
- 9:45 Break – visit with sponsors and presenters
- 10:15 Electric Fencing Basics - Jeremy McGill, Gallagher
 - Proper energizer selection and grounding
 - Proper high tensile fence construction and wire insulation
 - Electric offset wires for non-electric fences
 - Underground wires and jumper wires
- 11:00 Innovations in Fencing Technologies - Josh Jackson, UK
 - Wireless fences, fence monitoring, fence mapping
- 11:30 Overview of Kentucky Fence Law - Clint Quarles, KDA
- 12:15 Catered Lunch - visit with sponsors and presenters
- 1:00 Hands-on Fence Building
 - Safety, fence layout, and post driving demo - Jody Watson and Tucker LaForce, ACI
 - H-brace construction - Jeremy McGill, Gallagher & Eric Miller and Payton Rushing, Stay-Tuff
 - Knot tying, splices, and insulator installation - Jeremy McGill, Gallagher & Eric Miller & Payton Rushing, Stay-Tuff
 - Installation of Stay-Tuff Fixed Knot Fence - Eric Miller and Payton Rushing, Stay-Tuff
 - Installation of High Electrified Tensile Fencing - Jeremy McGill, Gallagher
- 4:30 Questions, Survey and Wrap-up





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

"Today's Challenges, Tomorrow's Opportunities"

Kentucky Beef Conference



October 26, 2023

In person

Clark County Extension Office
1400 Fortune Dr
Winchester, Kentucky 40391

9:00—10:00

Registration, visit
sponsors

\$10 registration fee

**RSVP by October 20th
to Clark County
Extension Office
859.744.4682**

10:00—Welcome & Sponsor Recognition

Levi Berg, Clark County Agriculture &
Natural Resources Extension Agent

University of KY Remarks & Welcome

Dr. Scott Radcliffe, UK CAFÉ Animal & Food
Sciences Department Chair

Beef Outlook & Marketing Strategies

Troy Applehans, Cattle-FAX Analyst

11:00— Fecal Egg Count Reduction Test

Dr. Jeff Lehmkuhler, UK Beef Nutrition
Extension Specialist and Dr. Michelle Arnold,
UK Ruminant Extension Veterinarian

11:30— Tools for Beef Producers

Dr. Les Anderson, UK Beef Extension
Specialist

12:00 Lunch

1:00— LRP & Price Risk Protection

Dr. Kenny Burdine, UK Beef Economic
Extension Specialist

2:00—Adjourn

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Disabilities
accommodated
with prior notification.



October is Garlic Planting Time

Source: Adam Leonberger, UK Extension Horticulture Agent

With ghosts, goblins, and vampires on the prowl in October, it's the perfect time to plant your garlic for next spring. Garlic has long been viewed as a way to ward off vampires, according to European folklore. Whether that is fact or fiction, one thing is for sure, October is the time to plant garlic. Planting in the fall produces larger bulbs and more complex flavors. Garlic enhances food recipes and is seen as a traditional medicine in some cultures.

Garlic is best planted in the fall for harvesting next spring, usually in June. Nothing stores better after harvest than garlic because it is largely not affected by pests or diseases.

Place your garlic cloves in full sun and a well-drained, fertile site. Mix some organic matter like compost into the soil to provide more nutrients and to increase drainage. Plant cloves about 2 inches deep in the soil with the pointed end of the clove turned up. Prior to planting you should do a soil test to make sure your pH levels are between 6.0 and 6.5. Adding shredded leaves or straw on top will protect the cloves from cold winter and retain soil moisture. Be sure to put your garlic in a corner of your garden or a space where you won't be planting next spring. Each clove of garlic should be planted six inches apart and will produce a new head with six to eight cloves at harvest. You don't need to plant a lot of garlic, because a little will go a long way.

There are three types of garlic, the softneck, hardneck and elephant garlic. The softneck has two types, the artichoke and silver skin. Both are common garlic types sold in the supermarket and you have likely used them. The hardneck has large cloves, is easy to peel and has more intense flavor than softnecks. It also has a flower scape or flowering stem. Elephant garlic is a third type but is actually a member of the onion family and is considered a variant of the leek.

Contact your Graves County office of the University of Kentucky Cooperative Extension Service for information on planting garlic.



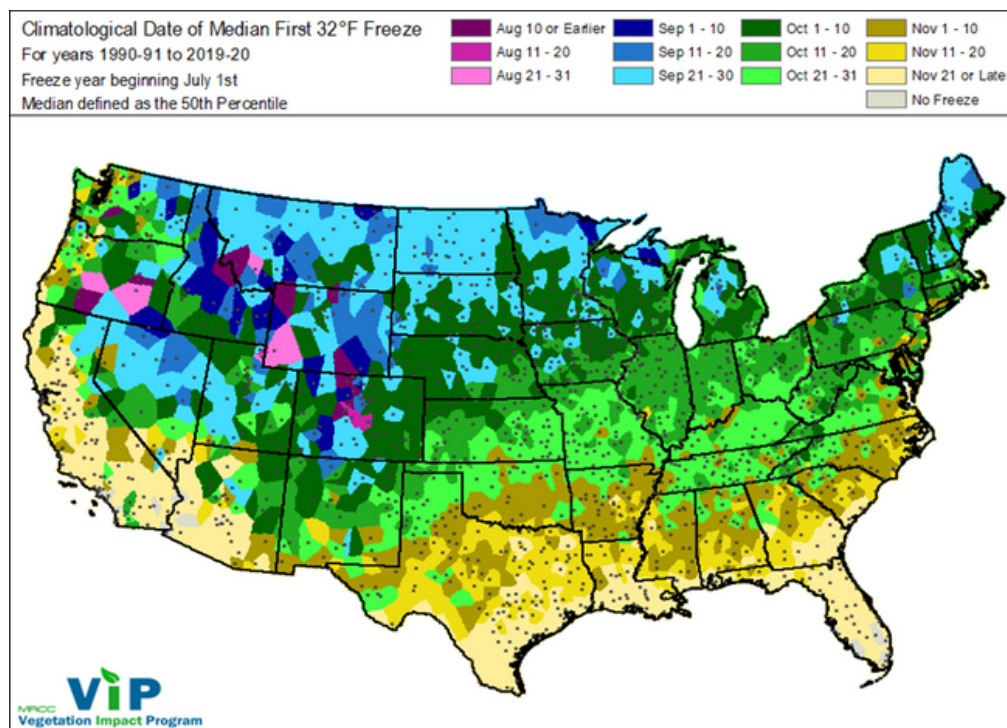


Tracking the First Fall Freeze

By Derrick Snyder- National Weather Service Paducah, KY



As the calendar moves into October, nights continue to become longer, leaves begin to turn color, and first frosts and freezes begin to occur. The first freeze of the fall typically marks the end of the growing season. As shown on the map below, most locations across the Commonwealth typically see their first freeze of the season during the latter half of October into the early days of November.



Frost can often develop on plants even when thermometers show the temperature to be a few degrees above freezing. This is because most thermometers are mounted several feet above the ground, and the temperature a few inches from the ground can be colder than what a thermometer reads. These most often occurs on clear nights with calm winds.

To protect your plants from frosts and freezes, consider taking preventive measures like covering them with tarps or blankets in the evening before temperatures drop. This can help trap the ground heat and provide insulation. Additionally, placing mulch around the base of plants can help retain soil warmth. If possible, relocate potted plants indoors or to a sheltered area. Watering the plants before the onset of frost can also provide a slight protective effect, as water releases heat as it freezes, helping to moderate the immediate environment around the plants.



It's Clifford's favorite day
of the year—Halloween!

CELEBRATE WITH CLIFFORD & US
AT THIS YEAR'S

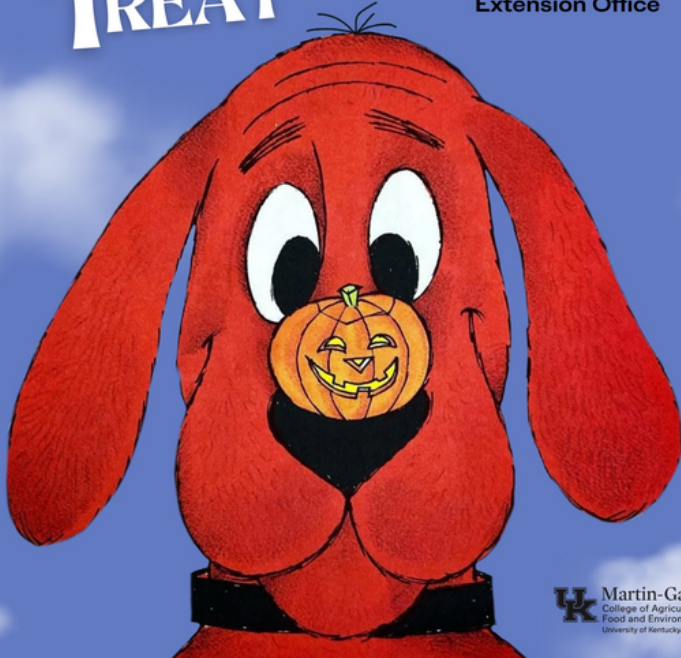
STORY WALK
**TRUNK
OR
TREAT**



**OCT
17**

4-5:30 PM

Graves County
Extension Office



 Martin-Gatton
College of Agriculture,
Food and Environment
University of Kentucky



Es el día favorito del año de Clifford
¡Halloween!

CELEBRE CON CLIFFORD Y NOSOTROS
ESTE AÑO

PASEO POR LA HISTORIA

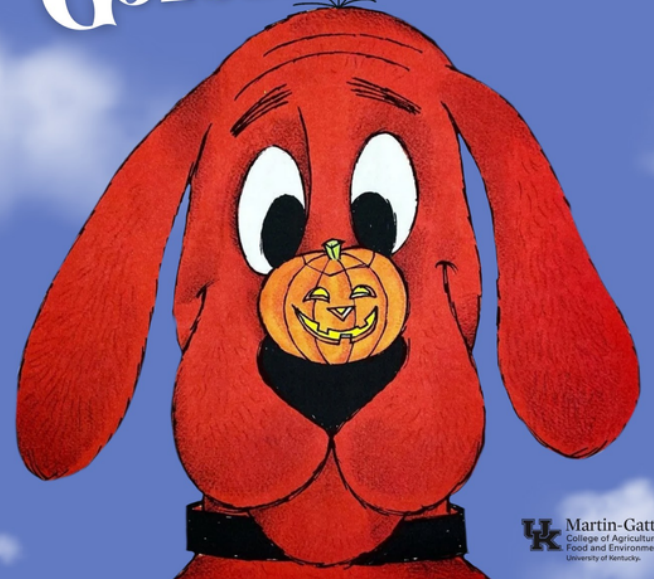
**TRONCO
GOLOSINA**



**OCT
17**

4-5:30 PM

Condado de Graves
Oficina de Extensión



 Martin-Gatton
College of Agriculture,
Food and Environment
University of Kentucky



Zoom link available! Register at the link below!

https://docs.google.com/forms/d/e/1FAIpQLSdju4Xy5YsKBm4h4p5C0k6gt9XWuBHEyVBas8Z5JXO1UEcMdg/viewform?usp=sf_link



*interested in information about
the upcoming market?*

**COME TO OUR
TOWN HALL
MEETING!**

OCTOBER 26, 2023
4:30 PM
GRAVES COUNTY EXTENSION OFFICE

light refreshments will be served!
rsvp by calling 270-247-2334



Tell us how to better serve you! Your input is important to us!
Please take a few moments to complete our needs assessment survey.

An equal opportunity organization

GRAVES COUNTY

How can we serve you?

Take a ten-minute survey to help us develop programs addressing needs in our community.



go.uky.edu/serveKY

KENTUCKY  KENTUCKY STATE UNIVERSITY
COOPERATIVE EXTENSION



summer sausage

W
O
R
K
S
H
O
P

MAKE YOUR OWN!
LEARN ABOUT MEAT
SAFETY & PRESERVATION

LIMITED TO 15 HOUSEHOLDS
\$20 AT THE DOOR

OCTOBER 16
6:00 PM




RSVP TO
GRAVES COUNTY
EXTENSION
270-247-2334



Apply for our internship program!

APPLICATIONS AVAILABLE
SEPTEMBER 1 - OCTOBER 31

 Cooperative
Extension Service



INTERNSHIP PROGRAM

12 Week Summer Internship
Competitive Pay
Flexible Start Dates

This isn't your typical internship.
You will:

- Gain valuable hands-on professional experience
- Work on special projects that directly impact communities
- Experience a full professional working environment that is a positive place for mistakes, growth and learning
- Network with other professionals

Apply online:



For more information, contact:

Extension Human Resources
859.562.2498
ces-personnel.ca.uky.edu

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Lexington, KY 40506



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accommodated
with prior notification.



Twice-Baked Acorn Squash

- **2 medium** acorn squash (1 - 1 1/2 pounds)
- Nonstick cooking spray
- **2 cups** fresh spinach, chopped
- **4 strips** turkey bacon, cooked and crumbled
- **1/2 cup** grated parmesan cheese
- **1** thinly sliced green onion
- **1 tablespoon** olive oil
- **2 teaspoons** garlic powder
- **1/2 teaspoon** salt
- **1/4 teaspoon** black pepper
- **1/4 teaspoon** nutmeg

Wash hands with warm water and soap, **scrubbing** for at least 20 seconds. **Preheat** oven to 350 degrees F. **Cut** squash in half; **discard** seeds. **Place** squash flesh side down on a baking sheet **coated** with nonstick cooking spray. **Bake** for 50 to 55 minutes or until tender. **Carefully scoop out** squash, leaving a 1/4-inch-thick shell. In a large bowl, **combine** the squash pulp with the remaining ingredients. **Spoon into** shells. **Bake** at 350 degrees F for 25 to 30 minutes or until heated through and top is golden brown. **Store** leftovers in the refrigerator within two hours.

Yield: 4 servings.
Serving size: 1/2 of an acorn squash.

Nutrition Analysis: 210 calories, 9g total fat, 3g saturated fat, 25mg cholesterol, 710mg sodium, 27g total carbohydrate, 4g fiber, 1g total sugars, 0g added sugars, 9g protein, 0% DV vitamin D, 15% DV calcium, 15% DV iron, 20% DV potassium.



Brussels Sprouts Gratin

- | | |
|---|--|
| 2 pounds (4 cups) Brussels sprouts | 1/2 cup low sodium chicken broth |
| 6 slices turkey bacon | 1 1/2 cups skim milk |
| 2 medium onions, diced | 1 cup shredded Parmesan cheese (packed) |
| 3 tablespoons butter | 1 teaspoon salt |
| 3 tablespoons flour | 1 teaspoon black pepper |

Preheat oven to 400 degrees F. **Wash** Brussels sprouts and **remove** the outer leaves. Using a paring knife, **score** the core end of each sprout. In a large saucepan over medium-high heat, **boil** sprouts 3-5 minutes or until just tender. In a skillet over medium heat, **cook** turkey bacon until crisp. **Remove** from pan. **Add** the onions to the pan and **cook** until tender, about 5 minutes. **Remove** from pan. **Melt** butter in skillet. **Add** flour and stir until smooth. Using a whisk, slowly **add** chicken broth and milk. **Stir** until thick and smooth. **Add** cheese and **stir**

until smooth. **Add** bacon and onions. **Season** with salt and pepper. **Coat** a 9-by-13 inch pan with non-stick spray. **Place** Brussels sprouts in pan and pour the gratin sauce over the top. **Bake** 25 minutes or until the top is lightly brown.

Yield: 8
Nutriti
6 g fat,
20 mg c
20 g car
7 g sug:

