

KNOX COUNTY EXTENSION NEWSLETTER

VOLUME 10 ISSUE 6

NOVEMBER/DECEMBER 2021

In September, I celebrated 10 years serving as the ag and natural resource educator in Knox County. I want to thank everyone for their support over the years. We want to specifically thank German American Bank for their sponsorship of this newsletter. If anyone is interested in sponsoring a volume of our newsletter please reach out to the

Extension Office by the end of the year. As another year winds down programming is ramping up so make sure to review our newsletter for many upcoming programs. A quick highlight of upcoming events include: private and commercial applicator recertification programs, Master Gardeners, 4-H enrollment, ServSafe, and Mental Health First Aid. You can find

out more in this newsletter.

If you have any 4-H, health, human science, agriculture, natural resource, or gardening questions feel free to call us at 812-882-3509.

Valerie Clingerman
Extension Educator-
County Extension
Director /Agriculture
and Natural Resources

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Extension

It is the policy of the Purdue University Cooperative Extension Service that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regard to race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran. Purdue University is an Affirmative Action institution. This material may be available in alternative formats.

Afterschool program updates

Our office worked together and received a Glick grant which has allowed us to do interactive afterschool programs at the Vincennes Community School Corporations. We are still working on this project but below are some of the topics we are teaching with 3-5 graders.

- Captain Cash-Tonya Short our Health and Human Sciences Educator is teaching youth about basic finance management skills over four sessions.
- Chef University– Mitch Wagoner our 4-H and Youth Development Educator has been teaching measuring skills, knife safety, kitchen safety, and food safety over four lessons.
- Nature of Teaching-Valerie Clingerman our Agriculture and Natural Resource Educator will be teaching youth about wildlife, food waste, and health and wellness over four lessons.



4-H & Youth Development News

Mitch Wagoner,
Extension Educator
4-H Youth Development
mwagone@purdue.edu

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- 4-H Enrollment
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4-H is America's largest youth developmental organization providing approximately **6 million** young people with the tools to lead for a lifetime.



4-H ENROLLMENT!

Parents can go into 4HOnline
(<https://in.4honline.com>) to
enroll/re-enroll their children in 4-H for 2022

Starts: October 1, 2021

Ends: January 15, 2022

Certificated adult volunteers need to go into 4hOnline
(<https://in.4honline.com>) to re-enroll as an adult
volunteer and to sign your
2022 Adult Behavior Expectations by **Jan. 15!**

If you do not have internet access please contact the Extension Office
(812-882-3509) so we can help!

Knox County Fair: July 18-23, 2022

Indiana State Fair: July 29-Aug 21, 2022

COUNTY & STATE 4-H TRIPS

4-H CAMP: JUNE 6-8, 2022

4-H ACADEMY: JUNE 8-10, 2022

4-H ROUND UP: JUNE 20-22, 2022

MORE INFORMATION TO COME!

4-H Project Update

Aerospace: State guidelines changed.

Animal Poster: Name change to "Animal Education". State guidelines changed.

Arts & Craft: Other: Name change to "Arts & Craft: General". State guidelines changed.

Arts & Craft: Fine Art: Name change to "Fine Arts". State guidelines changed.

Arts & Craft: Model Craft: Name change to "Model Craft". State guidelines changed.

Arts & Craft: Needle Craft: Name change to "Needle Craft". State guidelines changed.

Arts & Craft: Card Making: Name change to "County Project: Card Making".

Arts & Craft: Farm Scene: Moved under new name "Construction & Architectural Replica". State Fair eligible has changed. Size requirements has changed.

Arts & Craft: Gift Wrapping: Name change to "County Project: Gift Wrapping".

Arts & Craft: Recycling: Name change to "County Project: Recycling".

Arts & Craft: Wearable Art: Name change to "County Project: Wearable Art".

Beekeeping: State guidelines changed.

Bicycle: Project was deleted.

Cake Decorating: State guidelines changed.
Cupcake: is still under "Cake Decorating"

Child Development: State guidelines changed.

Collections & Hobbies: Name change to "County Project: Collections".

Collections & Hobbies: Scrapbooking: Name change to "County Project: Scrapbooking".

Communications: State guidelines changed.

Communications: Creative Writing: State guidelines changed.

Computer Science: Name change to "Computer". State guidelines changed.

Consumer Clothing: Guidelines to come sometime in January 2022.

Crops: Name Change to "County Project: Crops". Weeds project was deleted.

Electric: State guidelines changed.

Entomology: State guidelines changed.

Fashion Revue: State guidelines changed.

Floriculture: State guidelines changed.

Foods: State guidelines changed! "Food, Baked", "Food, Preserved", "Microwave", & "Create-A-Mix" is still under "Foods".

Forestry: State guidelines changed.

Garden: State guidelines changed.

Genealogy: State guidelines changed.

Geology: State guidelines changed.

Health & Well-Being: Name changed to "Health". State guidelines changed.

Health & Well-Being: Fashion Design: Name changed to "County Project: Fashion Design".

Home Environment: State guidelines changed.

Lawn & Garden Tractor Safety & Operation Skills: State guidelines changed. No Operation Skill contest to be offered.

Photography: State guidelines changed.

Sewing: State guidelines changed. Wearable & Non-Wearable is list under "Sewing". Due to guideline change, "Sewing for Fun" was deleted.

Shooting Sports: State guidelines changed.

Small Engine: State guideline changed.

Soil & Water Conservation: State guideline changed.

Sport Fishing: State guideline changed.

Sports: Name change to "County Project: Sports"

STEM: Construction Toys: Moved under new name "Construction & Architectural Replica".

STEM: Robotics: Moved under "Computers". State guideline changed.

STEM: Welding: Name change to "County Project: Welding"

Tractor Safety & Operation Skills: State guideline changed.

Veterinary Science: State guideline changed.

Weather & Climate Science: State guideline changed.

Wildlife: State guideline changed.

Woodworking: State guideline changed.

Zero-Turn Mower Safety & Operation Skills: State guidelines changed. No Operation Skill contest to be offered.

Project guideline sheets are available at the Extension Office. Once the handbook is updated it will be posted on our website.

Upcoming Dates

- **4-H Enrollment Begins: October 1 !!**
- Office Closed: Nov 2 "Election Day"
- Office Closed: Nov 11 "Veterans Day"
- Office Closed: Nov. 25 - 26
- Volunteer Training: Nov 30
- 4-H Leader Meeting: Dec 7
- Volunteer Training: Dec 13
- Office Closed: Dec 24, 26, 31, & Jan 3
- 4-H Scholarship Workshop: Jan TBA
- Extended Office Hours: Jan TBA from 4 - 6 pm
- **4-H Enrollment ENDS: January 15**
- Office Closed: January 17
- **4-H Scholarships DUE: January 25**
- Animal ID Deadline: May 15
- Drop & Add Deadline: May 15

Like us on Twitter at:
"@knox_in4h"



4-H Scholarship

4-H Accomplishment Scholarship – Sophomores, Juniors, Seniors, & College Freshman are eligible to apply for this scholarship!

4-H Senior Year Scholarship – All Seniors are eligible to apply for this County & State Scholarship.

4-H Club Scholarship - Senior in high school or currently enrolled in a post-secondary institution and will be transferring to Purdue University in the fall semester.

2022 4-H scholarship applications will be submitted through 4HOnline!

Scholarships need uploaded and submitted by **January 25th!**

For scholarship forms please visit this website:

<https://extension.purdue.edu/4-H/get-involved/scholarships.html>

Find us on Facebook at:
"KnoxCountyIN4H"



Like us on Instagram at:
"@knoxcountyin4h"



HEALTH & HUMAN SCIENCES



Who are Extension Homemakers

The Indiana Extension Homemakers Association (IEHA) was organized in 1913 and boasts a rich history of upholding and strengthening individuals, families and communities through outreach, partnership, education, and social support. We are leaders. We are educators. We are community. Knox County currently has four active Extension Homemaker clubs. If you are looking for ways to connect and learn, Extension Homemakers might be for you. From crafting to cooking, making friends, and having fun. Extension Homemakers has something for everyone. And let's not forget developing leadership skills, scholarship opportunities, and other health and safety education to make your life strong and prosperous. Learn more at www.ieha-families.org or contact Knox County Extension Homemakers County President, Pat Summers at 812-881-7710.



Extension Homemakers—Dates

- Nov 3: County Council Meeting, 10AM
- Jan 5: County Council Meeting, 10AM
- March: various scholarships due—see program book or state website
- March 2: County Council Meeting, 10AM



Help us get back on track!

November 3, 2021; 10A-12P
VU Agricultural Center, Room 102

It's been tough getting together, hasn't it? Covid has taken us off our regular scheduled and cancelled too many events! Please EVERYONE join us for the next County meeting to plan and reconnect for a great 2022.

Who: **EVERYONE—all Extension Homemakers**

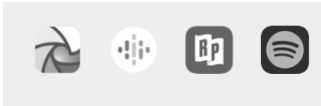

Why: You care about Knox County Extension Homemakers

When: November 3, 2021 10A-12P

Where: VU Agricultural Center, Room 102 (next to Extension Office)

See you there! ~Pat Summers

Purdue Extension - Knox County Health and Human Sciences In the (social) media

What we're doing	How to connect
<p style="text-align: center;">Bite By Bite: Nutrition For Life</p> <p>A podcast covering the latest fads in food and nutrition where we cut through the hype, explore the science behind food and nutrition, and provide practical tips for incorporating healthful strategies into everyday life.</p> 	<p>Find us on Spotify and other popular listening platforms.</p>  <p>Or come take a peek at Anchor.fm/BitebyBite</p> <p>Follow us on social media to stay connected and suggest topics for us to cover!</p> <p> @BitebyBiteNutritionForLife</p> <p> @BitebyBiteNutritionForLife</p>
<p>Purdue Extension—Knox County Health & Human Sciences general Facebook page to share news and happenings. Stop by and leave me a note!</p>	<p> @KnoxCountyHHS</p>
<p>Purdue Extension HHS Southwest Educators</p> <p>A collaborative effort to record educational content from 1 minute to 1 hour to help Hoosiers live well, eat right and spend smart. Miss a session or just wonder what we're up to? Come find us on YouTube!</p>	<p></p> <p>@Purdue Extension HHS Southwest Educators</p>

ServSafe Manager Class and Certification Exam

This class and exam fulfills Indiana requirements to become a "Certified Food Protection Manager" (formerly called Certified Food Handlers).

Next local session is an **EXAM ONLY on Dec 3, 2021** at the VU Agricultural Center, Vincennes. For more information or to register visit <https://cvent.me/rqEa40>

This class and proctored examination is offered at a variety of dates and locations. Training with Exam or Exam Only options for those who self-study are available. For more information contact Tonya @ 812-882-3509 or short43@purdue.edu. For a list of upcoming class dates visit:

www.purdue.edu/servsafe/workshops



Success is not final, failure is not fatal; it is the courage to continue that counts.

~ Winston Churchill

How Do Dinosaurs Say I'm Mad?

Using story time to promote social-emotional development in young children

Help young children learn to "fly higher" and develop socio-emotional "super powers" all while developing reading comprehension skills! **An excellent resource for childcare providers, parents and guardians of preschool-age children.**

This series of eight publications highlights popular children's stories that help children and caretakers explore emotions and how to process them. Each publication includes a guide to use as you read through the recommended children's book and a newsletter with additional resources.

For the entire set of free publications

visit <http://edustore.purdue.edu/>

And enter HHS-847 in the search box



Extension - Health and
Human Sciences

Hero's Story Time: How Do Dinosaurs Say I'm Mad?



Mental Health First Aid

Be the Difference

Mental Health First Aid is an evidence-based course that teaches participants how to recognize when someone might be experiencing a mental health challenge and how to reach out to offer help and find other resources. By raising awareness and understanding of these disorders we can reduce the stigma often associated with seeking resources and care. The course is available in both virtual and in-person formats; however due to lack of demand for in-person classes, we will transition back to only virtual courses. To explore options of offering an in-person course in your community contact Stephanie and Tessa at mhfa@purdue.edu.



Mental Health
FIRST AID

Regardless of format the training includes:

- approximately two hours of self-paced online learning, and
- six hours of live instruction led by Purdue Extension staff (either in-person or via Zoom depending on the course you choose)

Completing of this course results in a three-year certification. Some CEU's are available—see box below.

If you have questions about the Adult Mental Health First Aid course content or schedule, please contact mhfa@purdue.edu.

Purdue University is an equal opportunity/equal access/affirmative action university. If you require special accommodations to attend this event, please contact Tessa Garrow, Purdue Extension, at 765-496-6849 or by e-mail at tgarrow@purdue.edu at least 2 weeks prior to your preferred course date.

Upcoming courses:

(registration closes two weeks prior to the event date.)

Adult Mental Health First Aid:

For adults who interact with other adults

- Nov 16, 2021 virtual
- Dec 15, 2021 virtual

Youth Mental Health First Aid:

For adults who interact with adolescents

- Nov 10, 2021 in person Jefferson Co
- Dec 2, 2021 in person Adams Co

Please check back at extension.purdue.edu/mhfa for more class dates as they are posted.

Purdue University is a pre-approved provider of Category 1 Continuing Education for all of the following: - Mental Health Counselors and Associates - Marriage and Family Therapists and Associates - Social Workers, Clinical Social Workers and Associates - Addiction Counselors, Clinical Addiction Counselors and Associates. Participants receive a certificate upon completion of the entire course attesting to contact hours, though it is participant responsibility to verify continuing education eligibility for their profession.

AG & NATURAL RESOURCES



Like **Purdue Extension Knox County Ag and Natural Resources** on Facebook.



If you would like to receive monthly e-newsletters call 812-882-3509 or e-mail me to be added.

Upcoming Events

Date	Event	Time (Eastern)	Location	Contact info.
11/4/21	Virtual Lawrence County KIC Recertification PARP*/CCH**	11:30 am	Virtual	812-275-4623
11/16/21	Knox Co. PARP*/CCH**	10:00 am	Knox Co. Fairgrounds, Bicknell	Register by calling 812-882-3509
11/16/21	Pike Co. PARP*/CCH**	6:00 pm	Pike Co. Fairgrounds, Petersburg	Register by Nov. 12 by calling 812-354-6838
11/17/21	Daviess Co. PARP*	6:00 pm	Daviess Co. Produce Auction, Montgomery	812-254-8668
11/18/21	Southwest Indiana Melon and Vegetable Growers Winter Meeting	6:00 pm	VU Ag Center, Vincennes	812-886-0198
11/19/21	Martin Co. PARP*	10:00 am	Martin Co. 4-H Fairgrounds Community Building, Loogootee	Register by Nov. 16 by calling 812-295-2412
11/30-12/1/2021	Kentuckiana Crop Production Seminar CCH**	8:00 am	French Lick Resort Hotel, French Lick	317-454-8055
12/2/21	Knox County PARP*/CCH**	TBA	Vincennes	812-882-3509
12/3/21	Ag Outlook/PARP*/CCH**	TBA	Knox County	812-882-3509
2/1/22-5/3/22	Purdue Master Gardener Basic Training-Knox/Daviess (see article, page 11)	6:30 pm	Virtual	812-882-3509

*PARP=Private Applicator Recertification Program **CCH= Commercial Applicator Credits

To find more PARP events visit: <https://ppp.purdue.edu/private-applicators/recertification-parp/parp-events/>

To find more CCH events visit: <https://www.inplants.oisc.purdue.edu/>

AG & NATURAL RESOURCES

Prepare Now For Potential 2022 Herbicide Shortages

There is some speculation that there will be a herbicide shortage in 2022. The two active ingredients that will likely be most impacted are glyphosate and glufosinate. Cost will also likely be increasing for these products.

What is causing this shortage? Well like many things there are a handful of factors contributing to this shortage. Some of these include a shortage of workers unloading ships at ports, lack of truck drivers transporting goods from ports to the plants, low supplies of some of the inert ingredients, shortage of materials to make containers/labels, and Hurricane Ida damaged a production plant in LA. Currently reports are saying glyphosate price will be over \$80/gallon.

Whether there is a shortage, a price increase, or both it will be important to reconsider your 2022 growing season weed management and make adjustments that will work best for your farm.

One simple way to do this is to use fall and or early spring tillage to manage the winter annual weeds that have emerged. This obviously will not work if you no-til or lack the equipment or labor. Second, regardless of your tillage practices you need to build a solid residual herbicide program that will be the backbone to your weed management program. Third, try to use "regular" rates of glyphosate to stretch your supply.

Other tips include to look for glyphosate or glufosinate premixes that may be in greater supply or lower relative costs than glyphosate alone, optimize your herbicide applications using best management practices (GPA, nozzles, speed, etc), use appropriate adjuvants, spray small weeds, substitute alternative corn post emergent herbicides that control broadleaf/grass weeds, hand weed escapes prior to seed set, and cultivate.

To read this full article visit: <https://extension.entm.purdue.edu/newsletters/pestandcrop/> or contact the Extension Office 812-882-3509.

Private Applicator Reminders

- If your license expires in December 2021 and you have all three of your classes, the Office of the Indiana State Chemist mailed you a letter and an invoice in October. If you do not pay the fee your license will expire so make sure to pay the fee.
- If you need one or two credits by the end of the year there are numerous classes being offered virtually or face-to-face (see page 9). You can find additional programs by visiting: <https://ppp.purdue.edu/private-applicators/recertification-parp/parp-events/> (You can also search Purdue PARP Events to get this website).

Commercial Applicator Reminders

- If you need credits by the end of the year there are many classes coming up (see page 9). You can also visit: <https://www.inplants.oisc.purdue.edu/USAPlantsIN>, hover your mouse over pesticide programs, then click on CCH programs, then click search.

Both Private and Commercial Applicators

- To check your credits go to: <https://www.inplants.oisc.purdue.edu/USAPlantsIN>, click on applicator login then enter your first/last name and the last 4 of your SSN number. You can also reprint your license from this site under the license information tab.
- If you need additional help contact the Extension Office by calling 812-882-3509.

HORTICULTURE



Extension

PURDUE EXTENSION
MASTER GARDENER PROGRAM

Knox and Daviess Counties will be hosting the virtual Purdue Extension Master Gardener Basic Training that will meet Tuesdays from Feb. 1– May 3, 2022 from 6:30-8:30pm eastern. There will also be a weekly county connection hour. This course is great for those wanting to gain more knowledge in a variety of horticulture topics. Participants will then volunteer in their communities to share knowledge and service in educational gardening activities.

Steps to participate in the training:

- 1) Contact Valerie Clingerman by calling 812-882-3509 or email Clingerman@purdue.edu and submit the application no later than January 11, 2022.
- 2) Once your application is approved you will be sent the registration and payment information. For individual registration with a print version of the manual it will be \$180 (pending final approval) and \$280 (pending final approval) for two people sharing a print version of the manual. You will also be able to purchase a digital version for an additional \$25.

To learn more about the Purdue Extension Master Gardener Program, visit:
www.hort.purdue.edu/mg.

Invasive Spotted Lanternfly in Indiana, Now What?

In July of 2021, spotted lanternfly (SLF) was identified in Switzerland County, Indiana (SE side of the state). This pest is originally from Asia and is of concern due to the damage it causes to vineyards and orchards. It can feed on over 100 species of plants but their preferred host is the invasive tree of heaven.

Adult SLF has two sets of wings. The underwing is bright red and the outer wings have black spots. The immature state of SLF is bright red with black and white markings. The egg masses look like mud and can be spread by vehicles including recreation vehicles, truck transport, freight trains, nursery stock, outdoor furniture, lumber, etc.

What can be done now?

Remove the invasive tree of heaven from properties. Although this insect can feed on many plant hosts it prefers the tree of heaven so removing this may slow its spread down a bit.

Keep your eyes open for it. Smooth surfaces are preferred areas for egg laying. Nymphs (immature) and adults tend to cluster at the base of trees during the day and are more active around dusk. Honeydew and sooty mold will likely be present around heavily infested trees.

If you think you have found SLF the Indiana Department of Natural Resources requests you contact the Indiana Division of Entomology and Plant Pathology by calling 866-663-9684 or send an email with a picture of the insect to DEPP@dnr.IN.gov.



Photo courtesy of Angela Rust, IDNR Entomology and Plant Pathology



Extension

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Look inside for agriculture & natural resource, health and human science, and 4-H updates.

Cell Phone Protection from a checking account!

Open a \$SMART Checking account today for money-saving benefits.

Receive up to \$600 per claim (\$1,200 per year) if your cell phone is broken or stolen. To be eligible, pay your cell phone bill through your \$SMART or \$SMART with Interest Checking account. There is a \$50 co-payment per claim.

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