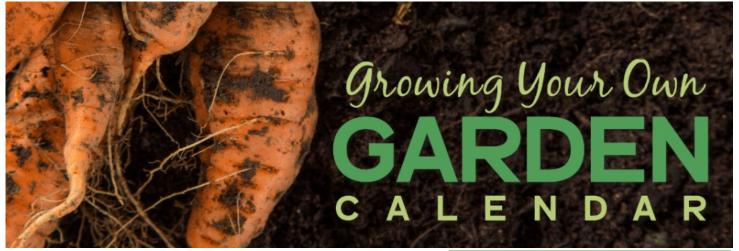
### Weed It and Reap

### FRANKLIN COUNTY COOPERATIVE EXTENSION FEBRUARY 2025 NEWSLETTER



Franklin County 101 Lakeview Court Frankfort, KY 40601-8750 (502) 695-9035 Fax: (502) 695-9309 franklin.ca.uky.edu



# Grow a More Successful Garden With a new and fun Calendar

Source: Rick Durham, Department of Horticulture Professor

Gardening is a rewarding experience that provides fresh produce and a deeper connection to nature. The Growing Your Own - GARDEN calendar from Plan Eat Move—a part of the University of Kentucky College of Agriculture, Food and Environment Cooperative Extension Service—is an excellent resource to guide both novice and seasoned gardeners through the planting and harvesting seasons. With monthly recommendations and engaging activities, the calendar helps individuals and families plan a productive and enjoyable gardening experience.

A well-planned garden starts with careful preparation. Before planting, sketching a layout can be a useful exercise. For families, involving children by having them cut out pictures of vegetables and placing them

(Continued on pg. 2)

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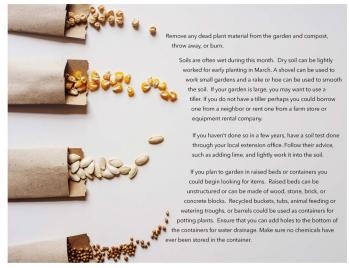
on the garden plan can be both educational and fun. This interactive approach encourages engagement while helping gardeners visualize plant placement and spacing for optimal growth.

The calendar provides a detailed month-bymonth breakdown of what to plant and when to harvest. Beyond planting and harvesting, the calendar incorporates family-friendly activities to make gardening even more enjoyable. Keeping a garden journal allows individuals to track planting dates, growth progress and harvest yields.

Children can add their own observations through drawings or short descriptions. Taste tests with homegrown produce introduce youth to different flavors while emphasizing the benefits of fresh food. Creative activities, such as making DIY garden markers with craft materials, add a personal touch and help with plant identification.

Success in gardening often comes down to simple, consistent practices. By following the guidance in the Growing Your Own - GARDEN calendar, gardeners can cultivate a thriving space that not only produces nutritious food but also fosters family bonding. Gardening is a journey filled with learning, patience and the satisfaction of harvesting what was planted. Whether tending to a small backyard plot or a larger garden, these seasonal tips and activities provide the foundation for success.

To access the guide, visit <a href="https://www.planeatmove.com/get-moving/growing-your-own-garden">https://www.planeatmove.com/get-moving/growing-your-own-garden</a>. Or stop by the Franklin County Cooperative Extension Office for a copy.



FEBR	PUARY
Week 1 Fix any broken garden equipment; clean and sharpen gardening tools	Garden Notes
Week 2 Prepare compost pile	
Week 3 Order fertilizer and lime for the spring and summer	
Week 4 Decide and plan how to water your garden and prepare accordingly	



Be sure to follow our Facebook page for all the up-to-date information and articles.





## 10 Backyard Chicken Basics

Source: Jacquie Jacob, extension poultry project manager

Having a small chicken flock in the backyard is very popular these days. To have a successful flock producing eggs for your family, you'll want to learn the basics.

- Make sure you check your local city and county ordinances to ensure you're able to have a backyard flock. Some ordinances require a minimum amount of land and some subdivisions and homeowners' associations have their own rules.
- Chickens require daily care. You must feed them, provide clean water and collect eggs every single day. Managing a small flock is an excellent opportunity to teach children a certain amount of responsibility, but ultimately, you'll oversee the health and well-being of your flock.
- 3. Birds get sick and it may be difficult to find a veterinarian to provide care for them.
- 4. Cleanliness and sanitation are critical elements in caring for a small flock. Everyone must wash their hands before and after handling the birds. Also, no matter how tempting, avoid bringing your chickens into the house and don't use your kitchen sink to wash equipment.
- 5. Poop happens. Chickens eat a lot and hens use about 60% of the feed they consume and excrete the other 40% as manure. You must have a plan for that manure. One option is adding it as an odor-free fertilizer for your home garden.

- Keep it down. Chickens make noise. Only roosters crow, however, hens are not always quiet and can make a lot of noise letting everyone know they just laid an egg.
- 7. The egg season will come to an end. Chickens stop producing eggs at some point in their lives and may live a long time beyond their egg-laying years. Have a plan for what you will do with hens that stop producing. If you keep them as pets, you'll have to keep feeding them and providing other resources for their care.
- 8. Housing is a big part of keeping a flock. Your birds will need a house that provides shelter from the weather, next boxes for egg laying and perches for roosting at night. Make sure housing is easy to clean and provides protection from predators. You'll have to manage their bedding well to prevent rodents from making your chickens' house their home.
- 9. Scratch that. Chickens scratch when they forage. If you let hens run free, you may need to place a fence around your garden if you don't want the birds to destroy it.
- 10. Know how to get chicks. You will most likely want to raise your hens from chicks. You can buy them online and have them shipped to your home, but some suppliers have minimum quantities for orders. You may have neighbors or friends who also raise chickens willing to join you in an order. Remember you'll need to provide new chicks with a heat source, such as a lamp, for at least six weeks.

For more information, take a listen to *Small And Backyard Poultry* webinars:

https://poultry.extension.org/webinars/



### Saturday, February 22, from 11:00 AM - 3:00 PM Paul Sawyier Public Library 319 Wapping Street | Frankfort, KY 40601

Pick up some new seed packets, and bring your own to share. Meet other local gardeners, and exchange gardening tips. Franklin County Horticulture Extension Agent Adam Leonberger and Capital Area Extension Master Gardeners will be on hand to answer questions. Drop in while supplies last!





No registration necessary. For more information, please contact Diane Dehoney at diane@pspl.org. All library programs are accessible to people with disabilities.





# 2025 BLUEGRASS BEEKEEPING SCHOOL

WHEN: March 8, 2025 8:30AM-5PM EST

#### **REGISTRATION:**

Register at:

https://beeschool.eventsmart.com/ events/bluegrass-beekeepingschool-2025/



\$35 for admission lunch included

For more info and a list of classes go to <u>bluegrassbeekeepers.com</u>

WHERE: Kentucky State University

#### **GUEST PRESENTER**



Michelle Flenniken, PhD

Dept of Plant Sciences and Plant Pathology, Montana State University



#### **Class Offerings**

Beginner, Intermediate & Advanced Beekeeping

Doors open at 8:00AM for registration, donuts, and coffee

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#### **Hosted by:**

Bluegrass Beekeepers Association Capital City Beekeepers & Kentucky State University

# UPCOMING HORTICULTURE EVENTS- MARCH



2025

8

SEED STARTING WORKSHOP

MARCH 10:00 PM

FIRST CORINTHIAN BAPTIST CHURCH 214 MURRAY ST.



**26** 

FREE- SPRING GARDEN KIT GIVEAWAY

MARCH

8 AM - 6 PM 101 LAKEVIEW COURT

In-person talk at noon, pickup from 8am-6pm (plants, seeds, handouts, and a video). Quantities are limited.



Call or email to register: 502-695-9035 franklin.ca.uky.edu

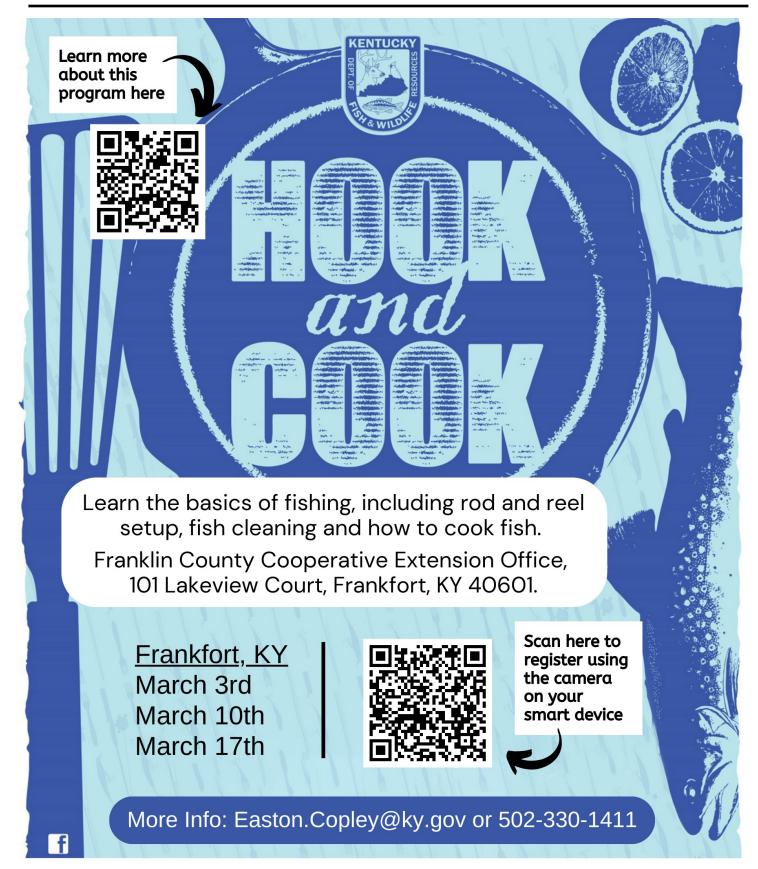
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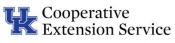
MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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, physical or mental disability or reprisal or retaliation for prior civil rights activity. Reasonable accommodation of disability may be available with prior notice. Program information may be made available in languages other than English. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating Lexington, KY 40506









Agriculture and Natural Resources

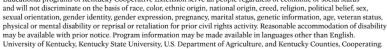
Family and Consumer Sciences

4-H Youth Development

Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status

MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

Community and Economic Development









## Seed Day

Help us grow the Community garden! Join us for free seed starting workshops. All ages welcome. Children must be accompanied by an adult. More garden programs coming soon! February 24

March 10

March 31

April 21

5-6:00PM

#### **Community Garden**

Thorn Hill Education Center 700 Leslie Avenue, Frankfort







# 2025 BIG TREE CONTEST Elm Tree

#### RULES

- 1. Must be Elm Tree
- Measure circumference of tree at 4 ½ feet from the ground on the high side.
- 3. Tree must be 75% live and be located in Franklin County.
- 4. Tree measurement and date must be verified by landowner.
- Same tree eligible for only one category.
- All entries must be submitted to the Franklin County Conservation District located at 103 Lakeview Court no later than March 19, 2025.

The Winner in each Category will be presented a S50 cash award

K-5 grade 18 to 55 Years of Age 6-8 grade Senior Citizen (56 & Over)

9-12 grade FFA Chapter Organizations Over All Winner

For any questions, contact the Franklin County Conservation District at 502/352-2701.

	ENTRY FORM	
Participant Name:	Age:	
Address:	Grade:	_
Phone:	Date:	19
Measurement at 4 ½ feet from groun	d:	
Address of Property (tree location):		
Directions/Map to Tree:		
Landowner Verification: On the bac highway in Franklin County (Give p	k, draw a map showing location of tree from oint to point distance).	nearest designate

The Winner in each Category will be presented a \$50 cash award

# Franklin County Conservation District

BACKYARD CONSERVATION PROGRAM Urban Cost Share Program

January 1, 2025 to June 1, 2025

Raised Garden Beds, Rain Barrels, Compost Bins, Pollinator Gardens and Beehives

- First come, first serve.
- Franklin County Residents only
- One application per household
- 50% cost share up to \$250 maximum

Must have approval before you begin project

Franklin County Conservation District 103 Lakeview Court Frankfort, KY 40601 502-352-2701

fccd103@gmail.com

#### **JOIN US ALL YEAR FOR**

### THIRD THURSDAY THING

If you would like to join our Small Farms
Programming email list please email Savanna

Frye at: savanna.frye1@kysu.edu

February 20th: Organic Agriculture

March 20th: Natural Resource Management

April 17th: Grow, Buy, Eat Local

May 15th: Aquaculture

June 19th: Juneteenth/ Business Planning

July 17th: Cattle & Poultry

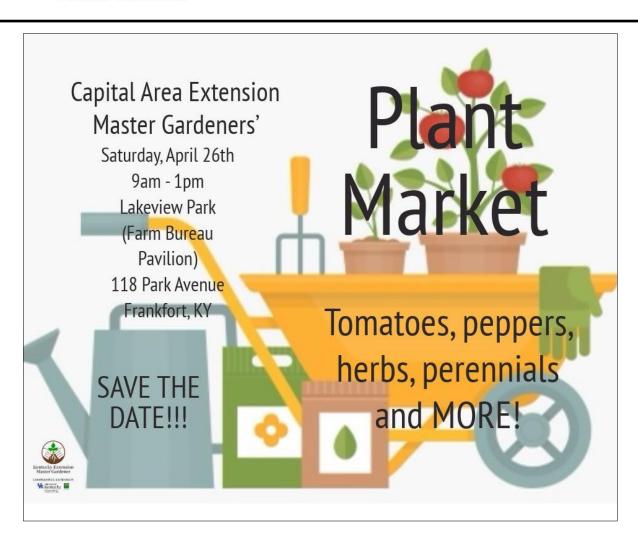
August 21st: Agri-technology & Vertical Farming

September 18th: Horticulture & Urban Agriculture

October 16th: Small Ruminants

November 20th: Small, Limited-Resource, Minority

**Farmers Conference** 

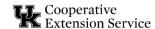




Staff

Franklin County Conservation District 103 Lakeview Court Frankfort, KY 40601 Phone: (502) 352-2701

NAME \_\_\_\_\_\_



Franklin County 101 Lakeview Court Frankfort, KY 40601-8750 502-695-9035 franklin.ca.uky.edu

# FREE SOIL SAMPLE COUPON Sponsored By: Franklin County Conservation District

January 1- April 30, 2025, the Franklin County Conservation District is sponsoring 10 FREE soil tests.

Bring this coupon in with your soil sample(s) and receive FREE BASIC SOIL TESTING.

Redeemable only at the FRANKLIN COUNTY COOPERATIVE EXTENSION SERVICE located at 101 Lakeview Court, Frankfort KY. (502) 695-9035 <a href="https://franklin.ca.uky.edu">https://franklin.ca.uky.edu</a>

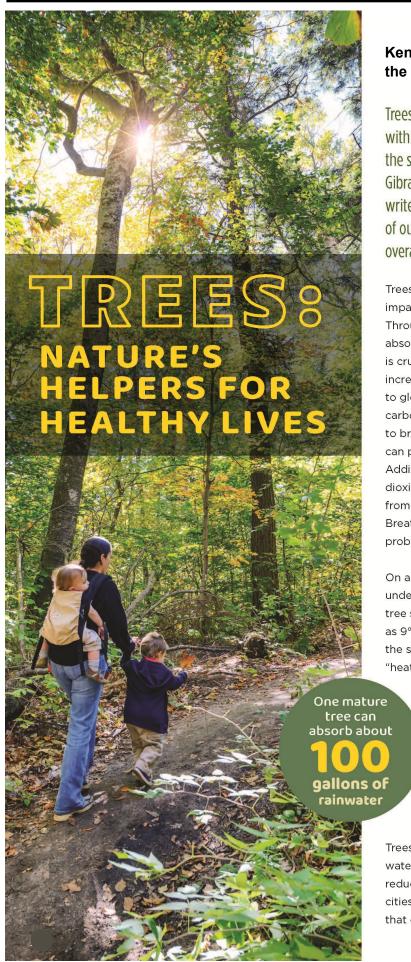
For information on how to take a soil sample: www.ca.uky.edu/agc/pubs/agr/agr16/agr16.pdf

LIMIT 10 (ten) FREE SAMPLES per PERSON

Coupon available for Franklin County or Frankfort Residents or Farms located in Franklin County.

NO COMMERCIAL SAMPLES WITH THIS OFFER

ADDRESS									
PHONE									
		Sample Number Office Use Only	Date Submitted		Sample Number Office Use Only	Date Submitted			
	1			6					
	2			7					
	3			8					
	4			9					
	5			10					



### **Kentucky Division of Conservation, Protecting** the Forest Together, 2024

Trees are magnificent and beautiful parts of our world with stunning trunks, leaves, and branches reaching the sky. Who doesn't love a tree!? The poet Kahlil Gibran said that "Trees are poems that the earth writes." But trees are more than just beautiful features of our world. They play an important role in our overall wellbeing. Let's explore how they do this.

Trees are essential for cleaning the air which directly impacts our health. They act as natural air filters. Through photosynthesis, tree leaves and green stems absorb and store carbon dioxide from the air. This is crucial because carbon dioxide levels have been increasing over the past hundred years, contributing to global warming/climate change. Besides absorbing carbon dioxide, trees also produce clean oxygen for us to breathe. Scientific studies show that one mature tree can produce enough oxygen for four people every day! Additionally, trees absorb harmful pollutants like sulfur dioxide, ammonia, and nitrogen oxides, which can come from cars, factories, and other human-made sources. Breathing cleaner air reduces the risk of respiratory problems and other health issues.

On a hot day, you might notice that it feels much cooler under the shade of a tree. Studies have shown that tree shade can reduce city temperatures by as much as 9°F. Areas without trees absorb more heat from the sun, making them uncomfortable and creating "heat islands." Cities and towns plant trees to cool

these areas. Trees can also reduce the need for air conditioning, which cuts down on air pollution. Through a process called transpiration, trees release tiny amounts of water vapor, which cools the surrounding air as it evaporates, similar to how sweating cools our skin, helping to prevent heat stress and related health issues.

Trees serve as important natural managers of storm water as their roots absorb and store rainwater. This reduces the amount of excessive storm runoff that cities and towns need to manage. Studies have shown that one mature tree can absorb about 100 gallons

(Continued on next page)

2024 Conservation Writing and Jim Claypool Art Contest



(Continued from previous page)

Tree shade can reduce city temperatures by as much as

of rainwater, and areas without trees are far more prone to flash floods. But trees do more than just absorb rainwater, they are critical in preventing soil erosion. Sediment from urban soils may contain pollutants that are harmful to our overall health. Through a process called (warning big word

ahead!!) "phytoremediation" trees absorb heavy metals, pesticides, excessive fertilizer (that harms aquatic creatures), and organic compounds. By keeping these pollutants out of our water, trees help protect our health and ensure we have clean water to drink.



Tree fruits and nuts are incredibly healthy and beneficial for our bodies. Fruits like apples, oranges, and berries are packed with vitamins, minerals, and antioxidants that help boost our immune system, keep our skin glowing, and protect us from illnesses. They are also high in fiber, which aids digestion and helps us feel full longer. Nuts like almonds, walnuts, and cashews provide healthy fats, proteins, and important nutrients like vitamin E

and magnesium. These nutrients support brain function, heart health, and strong bones. Eating a variety of tree fruits and nuts as part of a balanced diet can help us stay energized, maintain a healthy weight, and reduce the risk of chronic diseases.

Trees play a big role in helping people stay active and improve their mental health. When neighborhoods have plenty of trees, people are more likely to go outside for walks, runs, or bike rides because the environment feels more inviting and comfortable. The shade from trees keeps areas cooler, making outdoor exercise more enjoyable, especially in hot weather. Additionally, being around trees and nature can reduce stress, improve mood, and boost overall mental well-being. Just spending time in green spaces can help people feel more relaxed and happier, showing how important trees are for both our physical and mental health.

We learned that trees are not only beautiful but provide us with numerous health benefits. They give us oxygen, filter the air, absorb water, prevent soil erosion, cool the atmosphere, provide food, and help us stay physically and mentally healthy. However, trees face constant threats from overlogging, development, wildfires, and invasive species. Every day, the world loses about

60,000 football fields worth of trees due to these pressures.







Cooperative
Extension Service

Agriculture and Natural Resources
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+11 Youth Development

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For more details visit our website <a href="https://franklin.ca.uky.edu/field-day">https://franklin.ca.uky.edu/field-day</a>



#### OUTDOOR ADVENTURE

CAMP



Get together with friends and learn outdoor survival skills! Scan below for the



MAY 2-3, 2025 STARTS AT 1 PM \$100 PER PERSON REGISTER WITH YOUR COUNTY 4-H AGENT

LAKE CUMBERLAND 4-H CAMP 17500 KY-196 NANCY, KY 42544

OPEN FOR KIDS AGED 13 AND UP. THE TEAM OF SKILLED PROFESSIONALS ENSURE ALL KIDS ARE SAFE 24/7.



#### Cheesy Broccoli Potatoes

5 slices turkey bacon

1 tablespoon olive oil

1 clove garlic, minced

2 tablespoons chopped chives

Salt and pepper to taste

4 large potatoes, cubed

2 cups fresh broccoli florets

1 cup fat-free, shredded cheese

Preheat oven to 425° F. Cook bacon until crispy, crumble and set aside.

Spray 9x13-inch baking dish with non-stick cooking spray. In a small bowl, combine olive oil, garlic, chives, salt and pepper; stir to blend. In a large bowl, toss together potatoes and broccoli. Pour olive oil blend over potato mixture; stir to coat. Pour into baking dish and cover with foil. Bake for 35 minutes or until potatoes are

tender; **remove** from oven. **Sprinkle** cheese and bacon on top and place back in oven until cheese melts.

Yield: 8, 1/2 cup servings.

**Nutritional Analysis:** 140 calories, 5 g fat, 1 g saturated fat, 20 mg cholesterol, 470 mg sodium, 15 g carbohydrate, 2 g fiber, 2 g sugar, 10 g protein.



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

Adam Leonberger

#### Cooperative Extension Service

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

#### MARTIN-GATTON COLLEGE OF AGRICULTURE, FOOD AND ENVIRONMENT

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University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.



