Weed It and Reap

FRANKLIN COUNTY COOPERATIVE EXTENSION DECEMBER 2024 NEWSLETTER



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Proper Handling of Fresh Christmas Trees for Longer Enjoyment

By Annette Meyer Heisdorffer, Ph.D. Extension Agent for Horticulture Education-Daviess County

The fragrance of fresh evergreens in the house brings back wonderful memories of holidays celebrated with family and friends. Properly preparing the fresh-cut or balled burlapped tree for display indoors provides enjoyment and keeps it safe. Balled and burlapped and fresh-cut Christmas trees are available locally.

A live balled and burlapped tree serves two purposes: as a Christmas tree and for planting in the yard after the holiday. Inspect the tree for disease or insect pests. Then consider that the soil and root ball are heavy so select a size that you or someone else can handle safely to protect yourself and the tree. Another important point is to protect the tree by covering it or placing it inside a covered vehicle when bringing it home.

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After purchasing the tree, keep it outside in a protected, cool location. Gradually move the balled and burlapped tree indoors. First, take it into a garage or unheated room for a day or two before bringing it into the house. Before entering the house, place the tree inside a large, plastic tub to keep floors or rugs clean and dry. Remember that seven to ten days is the limit for keeping balled and burlapped trees indoors.

Place the tree out of direct sunlight and away from heat sources such as stoves, radiators, heat vents, and fireplaces. Heat may injure the tree. Use miniature lights for decorating since big lights are heavier and much hotter.

Remember to water the tree enough to keep the root ball from becoming dry and causing the tree to wilt and die. However, too much water, combined with indoor warm temperatures, may encourage new growth. The new growth could be damaged by cold temperatures when it is moved back outside.

After seven to ten days indoors, move the tree back to the garage or unheated room to allow it to adjust to colder temperatures for several days. If the tree is moved outside right away, it will be sensitive to cold temperatures and may be injured.

Then plant the tree. Dig a planting hole two and a half times wider than the soil ball and as deep as the depth of the soil ball. Place the tree in the planting hole, add some soil and water. Continue to fill in the hole and water again. More information on planting a balled and burlapped tree is available at http://www2.ca.uky.edu/agcomm/pubs/ho/ho91/ho91.pdf. Mulch the roots with 2 to 2.5 inches of hardwood bark or pine needles.

Continue to check soil moisture during the winter; water when needed.



When choosing a fresh-cut tree to buy, conduct a pull test. Gently, grab a branch and pull your hand across the needles firmly. The needles should stay attached to the branch. Gently bounce the tree on the ground. If the tree produces a shower of green needles, the tree is too dry. Expect a few older, yellow needles from the inside of the tree to fall. Also, the tree should be green or the typical color for that species.

When transporting the fresh-cut Christmas tree home, protect it by covering with burlap or a large piece of unwanted fabric, tie the tree with twine and place it in a sleeve of plastic netting, or put it inside a covered part of the vehicle. Wind dries out the needles, reducing the time it can remain safely inside your home.



When home, cut 1 to 2 inches off the bottom of the tree trunk. Place it in a bucket of water to allow water uptake. Keep the tree in a cool garage or shed out of the sun and wind until time to decorate it.

Before bringing the tree inside, cut off another 1 to 2 inches from the bottom of the trunk to improve water uptake. Make the cut straight across the trunk for best results. Place the trunk in a sturdy, water-holding stand with widespread legs, big enough to fit the trunk.

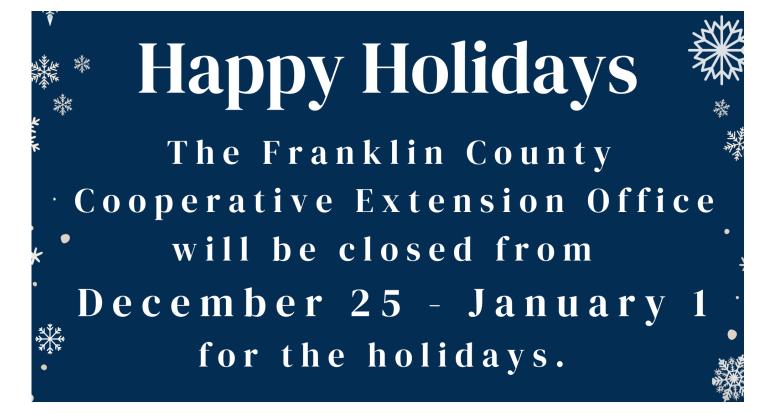
Place the tree in the house where room exits and major pathways are not blocked. Keep it away from heat sources and direct sunlight to prevent drying out.

Fill the reservoir of the tree stand with clear water, according to recent scientific studies. The recommendation at one time included bleach and sugar or corn syrup, but this is no longer recommended since they do not benefit the tree. The most important point is to keep water available to the tree. A one-gallon capacity tree stand makes it easier to

keep the tree watered. A tree can take up 1 quart of water per inch of diameter of the trunk. So, a four-inch diameter trunk can take up a gallon or more of water a day, especially during the first week inside. Check the tree stand reservoir daily and check to make sure the trunk is in the water.



Remove the tree when it becomes dry, brittle, or when needles begin to fall. A tree may last two to three weeks inside the home. A dry tree is a fire hazard. It is better to be safe than sorry.



With Care Some Holiday Plants can Brighten Your Home Throughout the Year

Source: Rick Durham, extension professor, Department of Horticulture

The colorful plants you enjoy during the holidays can linger beyond the season. If you care for them, they may become a welcome addition to your houseplant collection.

Traditional Christmas plants, such as poinsettia, holiday cactus, Christmas pepper, kalanchoe, Jerusalem cherry or cyclamen, require a bright, sunny location in the home. Regular thorough watering whenever the soil is dry is also very important. A sunny location and regular watering are enough for these plants throughout December, but they will need more specialized care if you plan for them flower again next year.



In January, decide whether to keep or discard your holiday plants. That decision is easy for Christmas pepper, Jerusalem cherry and chrysanthemum because they will not flower again in the home environment.

Holiday cactus, kalanchoe, or cyclamen can remain colorful through February with proper care. You may even keep them as houseplants after February if you provide the correct conditions. Holiday cacti are relatively easy to grow while kalanchoes and cyclamen are more difficult. While poinsettias may continue growing, they are difficult to bring into flower for the next holiday season and are best discarded.

The major difference you'll see in your holiday plant after a year will be its size. If you are successful, you may have plants with 40 to 50 flowers from the same plant that had only six to eight flowers the previous year. Holiday cacti with many flowers will be two to five times as large next year. Kalanchoe will also increase in size while cyclamen tend to stay compact.

For this season's poinsettias, choose plants with small, tightly clustered yellow buds in the center of the colorful leaf-like bracts commonly referred to as the flowers. Look for crisp, undamaged foliage. Water the plant when it feels dry and discard excess water in the saucer under the plant. Place the plant in a bright, naturally lit location with some direct sunlight. Keep the plant out of drafty areas and away from heat-producing appliances. After a few weeks, apply houseplant fertilizer according to the label directions. The colorful bracts may stay nice into January and February.



Christmas Tree Recycling

With the winter Holidays fast approaching, many people are opting for a natural tree this year. After the presents are unwrapped, and the lights are coming down, please consider donating your tree to KDFWR for fish habitat construction. KDFWR has drop-off points across the state where you can bring your old tree and put it to good use. KDFWR will take your tree and combine it with others to create fish attractors for lakes all over the state. Trees will be used to replenish existing fish habitat sites as well as create new habitat

sites. These brush reefs provide nesting and rearing habitat for gamefish as well as creating homes for invertebrates and smaller fishes that provide food for larger fish. Just clean your tree of all the artificial decorations, lights, tinsel, ornaments, etc., and drop it off at one of our locations below during daylight hours only (between 8:00 am and 5:00 pm). Christmas tree drop-off sites will be open from Dec. 26 through January 15th. The locations are in parks for the most part, so it will be a good opportunity to get out of the house and enjoy a local park while you help fish populations across the state. Check below for the list of county drop-off sites.

County	Location	Address/Directions	Contact	Phone Number
Anderson	Ace Hardware	1106 Bypass South, Lawrenceburg, KY 40342	Chris Dillon	502-839-8880
Barren	Barren River Lake Port Oliver Boat Ramp	From Hwy 252 in eastern Allen County, follow signs to Port Oliver Boat Ramp	Eric Cummins	270-746-7127
Boone	Camp Ernst Lake-Boat Ramp Area	Camp Ernst Park, 7615 Camp Ernst Rd, Burlington, KY 41005	Jeff Crosby	502-892-4464
Breckinridge	North Fork Boat Ramp Parking Lot	KY 259 S of Hardinsburg	Adam Taylor	270-257-2061
Calloway	Western District Fisheries Office	30 Scenic Acres Drive, Murray, KY 42071	Adam Martin	270-753-3886
Campbell	Pendery Park	4113 Williams Lane, Melbourne, KY 41059	Megan Clere	859-547-1866
Carter	Grayson Lake USACE Emergency Spillway Area	West side of Launch Ramp Road near the USACE office	Tom Timmerman	606-783-8650
Fayette	Jacobson Park	East Lexington off of Hwy 25, Paddle Craft Parking Lot	Jeff Crosby	502-892-4464
Floyd	Eastern District Fisheries Office	2744 Lake Rd, Prestonsburg, KY 41653	Jason Russell	606-889-1705
Franklin	KDFWR Headquarters	#1 Sportsman's Lane, Frankfort, KY 40601	Jeff Crosby	502-892-4464
Franklin	Forks of Elkhorn Hatchery	3785 Georgetown Road, Frankfort, KY 40601	Jeff Crosby	502-892-4464
Garrard	Garrard Co. Conservation District Office	166 Precision Court, Lancaster, KY 40444	Jeff Crosby	502-892-4464
Grayson	Moutardier Boat Ramp	KY 259 S of Leitchfield (11.7 mi) to 2067/Moutardier Rd to ramp	Darren Smith	270-286-6608
Harlan	Martin's Fork Lake Boat Ramp	Off Hwy 987 at Smith, KY, upper parking lot	Jason Russell	606-889-1705
Jefferson	McNeely Lake Boat Ramp	From I-265 Exit 15S on Beulah Church Road, right on Old Bates Road, left on Cooper Chapel Road	Jeff Crosby	502-892-4464
Knott	Carr Creek Lake Marina Parking Lot	217 Big Smith Br., Sassafras, KY 41759, upper parking lot	Jason Russell	606-889-1705
Laurel	Bald Rock Picnic Area	8990 W Laurel Rd, London, KY 40741	Travis Bucket	606-516-1909
Laurel	London Region Recycling Center	911 TLC Lane, London, KY 40741	Jim Price	606-864-5521
Lawrence	Lawrence County Community Center	205 Bulldog Ln, Louisa, KY 41230. Parking lot near dumpster (please do not block dumpster access).	Jason Russell	606-889-1705
Madison	Lake Reba Recreational Complex	Soccer complex B parking lot across from Lake Reba boat ramp parking lot	Tom Timmerman	606-783-8650
McLean	Northwest District Fisheries Office	1398 Hwy 81N, Calhoun, KY 42327	Jeremy Shiflet	270-273-3117
Perry	Perry County Conservation District	310 Morton Blvd., Hazard, KY	Patti Fugate	606-435-1725
Pike	Fishtrap Lake	Pompey Br, In back corner of parking near RV campground	Jason Russell	606-889-1705
Pulaski	KDFWR Somerset Regional Office	135 Realty Lane, Somerset, KY 42501	Marcy Anderson	606-677-4096
Rowan	Minor Clark Fish Hatchery	120 Fish Hatchery Rd, Morehead, KY 40351	Tom Timmerman	606-783-8650
Scott	Lusby Lake/Scott County Park	Off of Hwy 25 north of Georgetown, Scott County Park Road, east of Road Department Garage	Jeff Crosby	502-892-4464
Shelby	Guist Creek Lake Marina	11990 Boat Dock Road, Shelbyville, KY 40065	Jeff Crosby	502-892-4464
Taylor	Crazy Horse Archery and Tackle	2422 New Columbia road, Campbellsville, KY 42718	Shaun Canaday	270-789-3776
Warren	Southwest District Fisheries Office	Approximately one mile down Bennett Lane, just past Schneider Lane intersection, Bowling Green	Eric Cummins	270-746-7127
Warren	Cabela's Outpost	3395 Nell O'Bryan Court, Bowling Green, KY 42103	Jacob Carroll	270-936-8324
Whitley/Laurel	Corbin City Garage	Between Engineer Street and Wallins Towing on 25W	Gary Kelly	606-523-6530

Winter Cover Crop can Improve Garden Soil

Source: Rick Durham, extension professor, Department of Horticulture

No matter how small your garden is, it can play an important role in absorbing carbon dioxide from the atmosphere and temporarily locking it in the soil. There are a number of ways you can improve on this natural cycle, but at this time of year, the best way is through a cover crop.

Soil left bare over the winter months is susceptible to weed growth, erosion that can wash away valuable nutrients and a loss of carbon into the atmosphere. Soil nitrogen left over from this year's crop is subject to leaching due to fall and winter precipitation. Planting a fast-growing cover crop can help prevent these problems. The term crop in this context may be misleading. These plants are not meant to be harvested. Instead, they add important nutrients, promote beneficial bacterial growth and stabilize the soil.

Easy and effective cover crops that can be planted at this time of year include annual rye grass, hairy vetch, red clover and winter rye.

Annual rye and winter rye are particularly effective as late-season cover crops. They germinate quickly and are an effective barrier against weeds. Grasses, however, do not capture nitrogen in their root system, so consider pairing rye with a legume, such as red clover or hairy vetch.

Hairy vetch and red clover work well as a cover plant, whether paired with rye or by themselves. Being legumes, they are

excellent at fixing nitrogen in the soil. They are also prolific enough to reduce weeds and prevent erosion. In the spring, their blossoms will attract bees to your garden. If you worry about hairy vetch or clover reseeding in your lawn – though they're pretty plants and would add biodiversity and important nutrients – just cut them back before they bloom.

Come spring, you have two options. You can turn over your cover crop into the soil, allowing your vegetables or flowers to benefit from the nutrients it will slowly release. Or you can cut it back and let it die naturally, planting directly into the crop and using it as a mulch to continue to suppress weed growth and supply nutrients to your garden. Depending on which cover you plant, this may be easier said than done, because some, particularly grasses, are difficult to directly sow or plant into.

Grasses have a densely packed root system, which make them difficult to till or turn over. If your garden is particularly small or you're gardening in raised beds, rye might not be your best option. However, vetch and clover both have root clumps which are easily dug up and turned over or planted between. Be sure to terminate the cover crop before allowing the plants to go to seed.



Kentucky Division of Conservation, Protecting the Forest Together, 2024





Fire requires three elements to burn and grow: heat, oxygen, and fuel. Heat can come from many things such as campfires, sparks from equipment, or even the sun. Structural firefighters remove heat from flames by dousing them with water. Like



humans, fire also needs oxygen to survive. Have you ever put the top back on a candle, and it stopped burning? That is because you have blocked off its oxygen. Lastly, fire needs fuel to burn. Wildfires mostly burn leaves, trees, and grasses. However, it will not distinguish between wood from a tree and wood from a house. Wildland firefighters use control lines that surround the fire to stop it spreading. They create a large ring around the fire, free of vegetation and flammable items, so the fire does not have any fuel to burn. If not controlled, wildfires can destroy homes, property, and lives.

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and fuel.

PROTECTING THE FOREST TOGETHER

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The weather plays a big role in the spread of wildfires. Fires tend to occur on dry days when the humidity is low. There is little moisture in the air for vegetation to absorb, so leaves and other dead vegetation burn more readily. Wind also increases wildfire danger. The wind feeds the fire more oxygen and helps it spread. If planning to make a campfire or other outdoor fire, always check the weather first. If it is supposed to be dry or windy, plan those activities another day.

People who enjoy outdoor recreation or live near natural areas have a responsibility to prevent and prepare for wildfires.

Remember, fire can be a dangerous tool. Do not be careless or play with fire.

Be responsible and help protect your community. You can also protect your home by creating defensible space and removing flammable materials from your property. This decreases the likelihood that a fire or its embers reach your home.

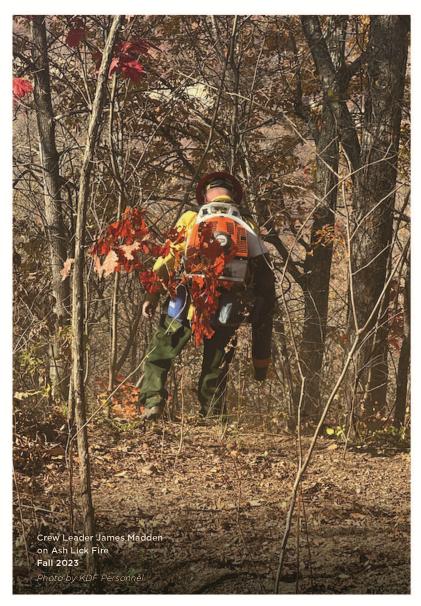
Protect your home and the homes of the wildlife around you by being responsible with fire, preventing wildfires, and being prepared in case a fire does become wild.



February 15th -April 30th

Kentucky Division of Conservation, Protecting the Forest Together, 2024





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Kentucky Division of Conservation, Protecting the Forest Together, 2024

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Preventing Wildfires:

- Check the weather before doing any outdoor burning
- Do not burn within 150 feet of woodlands
- Have at least 10 feet of clearance around the fire from any vegetation.
- Do not leave your outdoor fire unattended
- Ensure there is plenty of water available
- Make sure the fire is out cold and no heat is felt from the embers.

Creating Defensible Space Around Your Home:

- Make sure your address is marked and fully visible from the road for emergency personnel
- Remove anything within 30 feet of your home that could burn easily, such as firewood, leaves, and other dead vegetation
- Clean roof and gutters
- Remove flammable materials on and from under decks and porches
- Keep plant bed watered and prune dead vegetation
- Mow grass regularly

FIRE SEASO

October 1 - December 15 and February 15 -April 30





No burning between 6 a.m. and 6 p.m.









Higher daytime

up during the day

during the day, that feed wildfires.



Okay to burn between 6 p.m. and 6 a.m.







drop at night and fuels won't dry out as fast



Wind speed drops and is less likely to reignite embers or



Humidity levels fuels absorb the





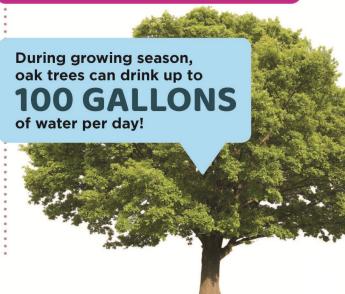
that

the latex used to make rubber gloves is harvested from a rubber tree by making slits in its bark?

FOREST **BINGO!**

Before you go exploring make or print a bingo card with things you want to see along the way and check them off as you go!







Homebased Microprocessing Workshop

Homebased Microprocessors are farmers who grow and harvest produce to use in their value-added products. Homebased microprocessors are required to grow a predominant ingredient in the products they make. The first step to becoming certified as a homebased microprocessor is to attend a Homebased Microprocessor (HBM) workshop presented by the University of Kentucky.



January 16, 2025

9:30 a.m. - 2:30 p.m.

Franklin County Extension Office 101 Lakeview Court Frankfort, KY

To register & for additional dates/locations:

ukfcs.net/HBM

(502) 695-9035

franklin.ext@uky.edu



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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Lexington, KY 40506

OAK Annual Conference

REGISTER NOW for OAK's 14th Annual Organic Farming Conference, *Grounded in Organics:* From Soil to Market, January 23-25, 2025, at Kentucky State University's Harold R. Benson Research and Demonstration Farm in Frankfort, Kentucky.

OAK's annual conference, now in its 14th year, includes a growing audience of hundreds of Kentuckians and neighbors active in the region's food systems: farmers, researchers, nonprofit professionals, federal and state agency partners, technical service providers and conscious consumers working collectively to build a resilient local food system for all. Collaboration among these diverse voices, grounded in the connection to Kentucky farms, soil and communities, provides a rich foundation for learning and growth. **We invite you to be a part of it!**

In 2025, OAK's conference program features three days of inspiration from local and regional speakers, a useful trade show and abundant networking opportunities to empower and support farmers and food system innovators. The conference theme for #OAK2025 is *Grounded in Organics: From Soil to Market*. The primary focus of the OAK conference agenda is on-farm production systems, techniques and practices, with the interwoven threads of community, conservation and collective action inseparable from the sustainable agriculture movement.

OAK is committed to making the conference open and accessible to all, and a big part of that is keeping the registration fees comparable to similar Kentucky and regional conferences. For several years, OAK received generous support that kept fees comparatively low. This year, however, OAK did not receive anticipated USDA conference grant funding and must raise the registration fees to pay conference costs. A portion of the registration fee supports farmers through locally sourced lunches with direct farm impact during the winter season. As always, OAK is grateful for support from sponsors that make the conference and scholarships possible, and options for discounted registration are available. Register before December 13 to get early-bird pricing, or apply for a conference scholarship. If paying the registration fee is a hardship for you, please reach out to conference@oak-ky.org.

The 2025 Recipe & Cook Wild calendars are now available! Visit the Franklin County Extension Office to pick up your free copy.







Roasted Root Vegetables

6 medium beets

2 large sweet potatoes

3 parsnips

2 tablespoons olive oil

1 teaspoon salt

1 teaspoon black pepper

Dressing (recipe follows)

Dressing

1/3 cup white wine vinegar

1/4 cup olive oil

2 tablespoons horseradish

1 tablespoon Dijon mustard

2 teaspoons honey

1/2 teaspoon salt

1/2 teaspoon pepper

Stir together and set aside.

Preheat oven to 400° F.

Peel beets, sweet potatoes and parsnips. Cut into ½ inch thick cubes.

Toss vegetables with olive oil and place in a single layer on a greased baking sheet.

Sprinkle with salt and pepper.

Bake at 400°F for 20 to 25 minutes, or until tender. Cool. Arrange vegetables on a serving dish and drizzle with dressing.

Yield: 6 servings

Nutritional Analysis: 210 calories, 10 g fat, 1.5 g sat fat, 3 g protein, 30 g carbohydrate, 0 mg cholesterol, 750 mg sodium, 7 g fiber.

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

COMPLAINT PROCEDURE

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Adam Leonberger

Cooperative Extension Service

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

Lexington, KY 40506

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