



AGRICULTURE & NATURAL RESOURCES

Carlisle County ANR Newsletter July 2023

Cooperative Extension Service

Carlisle County
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Dates to Remember:

WAVE Ag Day-July 20-Columbus Belmont State Park (letter attached)

UK Corn, Soybean and Tobacco Day-July 25- Princeton (flyer attached)

Rinse and Return-July 26-County garage/lunch extension office (flyer attached)

Rally Day 4-H-July 28-Extension Office-Make sure projects are brought back to the office

Box Lunch Fund Raiser- August 25-Support Carlisle County Homemakers-flyer attached

4-H Agent needed-information attached





WAVE River Counties AG Day-July 20, 2023

“Let’s Grow With It”

It is almost time for the River Counties’ Agriculture and Commerce Day.

We will kick off the day with a farmer appreciation breakfast at 7:30 a.m. at Columbus Belmont State Park. The Farmer of the Year, Ag Business of the Year, special Friend of Agriculture and Young farmer of the Year will be recognized that day.

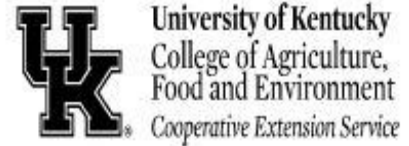
We plan to host exhibitors, vendors and educational entities that will highlight the rich resources and hidden beauties of all four-river counties, from agriculture to natural resources to commercial opportunities – some of which can be found in this unique region of Kentucky. The exhibitor fair will begin at 8:00 a.m. and conclude at noon.

*Our theme for the day again is “**Let’s Grow With It,**” our nod to the idea that all of our strengths – agricultural heritage, great people, and natural resources – are economic engines that can enrich our communities for years to come. We want to let people know that we are open for business in the River Counties, and that we are moving forward together.*

If you are asking, why should I attend? The goal and vision is a willingness to work together to achieve new opportunities for all the counties involved. What a great chance to promote agriculture in Ballard, Carlisle, Fulton, and Hickman County along with all of our other assets.

Come enjoy the morning with us and celebrate agriculture and the Four River Counties!!!

We hope more farmers will please come out and join us. You never know what the day will hold! Thanks so much Chuck.



Carlisle County Rinse and Return July 26, 2023

Cooperative Extension Service
Carlisle County
65 John Roberts Road
Bardwell, KY 42023-0518
(270) 628-5458
extension.ca.uky.edu

Carlisle County Conservation
65 John Roberts Drive STE C PO Box 502
Bardwell, KY 42023
(270) 628-3709
cccd@windstream.net

Lunch Sponsored by Carlisle County Conservation

Triple Rinse Chemical Jugs
And take to the
County Road Department
93 W. Court St.
Bardwell, KY 42023
9:00-11:00



Lunch at 11:00 Carlisle County Extension Office



For more information call the
County Extension Office:
Carlisle -- 270-628-5458
CCD—270-628-3709 or 270-841-0313



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Green Bean and Ham Soup

4 cups fresh green beans, trimmed and cut into 1-inch pieces	3 whole carrots, peeled and sliced	¼ teaspoon black pepper
3 cups russet potatoes, unpeeled and cubed	1 pound fully cooked ham, cut into bite-sized pieces	1 teaspoon garlic powder
2 small onions, thinly sliced	9 cups water	1 cup half and half
	1 teaspoon salt	2 tablespoons corn starch
		¼ cup cold water

Place green beans, potatoes, onions, carrots, ham and the nine cups water into a large soup pot; **cover** and bring to a **boil**. **Reduce** heat to medium and **simmer**, uncovered, about 45 minutes or until the vegetables are tender. **Remove** the pot from the heat and **add** the salt, black pepper, garlic powder and half and half. **Return** to heat and bring to a **simmer** again. **Combine** corn starch and

the ¼ cup cold water in a small bowl. When simmer begins, **combine** the corn starch mixture into the soup and stir well. Allow the soup to remain on the heat for 5-7 more minutes while it thickens.

Yield: 12, 1 cup servings

Nutritional Analysis: 140 calories, 4.5 g fat, 2 g saturated fat, 25 mg cholesterol, 670 mg sodium, 14 g carbohydrate, 3 g fiber, 3 g sugar, 10 g protein



Buying Kentucky Proud is easy. Look for the label at your grocery store, farmers' market, or roadside stand.
<http://plateitup.ca.uky.edu>

Kentucky Green Beans

SEASON: June to September

NUTRITION FACTS: One-half cup of unseasoned green beans has 15 calories, is low in fat and sodium and provides fiber, vitamin A and potassium.

SELECTION: Choose slender, firm, smooth, crisp beans with slightly velvet-like pods with a bright, green color. Bean pods should be free of blemishes and have small seeds.

STORAGE: Beans can be stored unwashed in plastic bags in the refrigerator crisper for 3 to 5 days. Wash just before preparation.

Source: www.fruitsandveggiesmatter.gov

PREPARATION: Wash and remove stems and strings. Cook by steaming in a small amount of water until tender-crisp, about 5 to 8 minutes. They can also be cooked directly in soups or stews. Green beans go well with seasonings such as chives, dill, marjoram, mint oregano, thyme, lemon, mustard or onion.

KENTUCKY GREEN BEANS

Kentucky Proud Project

County Extension Agents for Family and Consumer Sciences

University of Kentucky, Dietetics and Human

Nutrition students

November 2015

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College of Agriculture,
Food and Forestry

Spruce Dieback – Needle Cast Diseases May Be To Blame

Posted on [June 4, 2019](#)

Blue spruce and Norway spruce are popular landscape plants in Kentucky. However, many factors can cause spruce trees to cast (shed) needles. Casting may be the result of environmental stresses (heavy soil, poor drainage) or fungal diseases. In Kentucky, *Rhizosphaera* needle cast is the most common disease of spruce. This disease causes needle drop on lower branches, resulting in a distinct thinned appearance. *Stigmina* needle cast is a less common disease of spruce, but also causes symptoms similar to *Rhizosphaera* needle cast. Management options for both diseases include reduction of plant stress, good sanitation practices, and timely use of fungicides.

Rhizosphaera and Stigmina Needle Cast Facts

- Symptoms become evident in summer when needles on lower branches turn purplish or brown (Figure 1). Needles fall within a few weeks and lower limbs are left bare (Figure 2).
- In order to determine whether *Rhizosphaera* or *Stigmina* needle cast is present, infected needles should be inspected with a hand lens. Look closely for the type of fungal fruiting body emerging from stomata (pores in needles) to confirm diagnosis.

Rhizosphaera needle cast – Small, dark fruiting bodies (pycnidia) appear as tiny raised, grayish bumps topped with white waxy caps (Figure 3). While most easily recognized with a hand lens, they may also be visible with the naked eye.

Stigmina needle cast – Fungal fruiting structures (sporodochia) appear as tiny, brown to black, brush-like tufts emerging from needles (Figure 4).

- *Rhizosphaera* needle cast is caused by the fungus *Rhizosphaera kalkhoffii*. *Stigmina* needle cast is caused by multiple *Stigmina*
- Spread by water splash or wind-driven rain; moisture is needed for infection.
- If defoliation occurs over 3 to 4 consecutive years, branch death is likely.



Figure 1: Needles infected with *Rhizosphaera* turn purplish brown during summer. (Photo: Julie Beale, UK)



Figure 2: Needle drop and thinning of lower canopy are classic symptoms of *Rhizosphaera* needle cast in spruce. (Photo: Minnesota Department of Natural Resources Archive, Minnesota Department of Natural Resources, Bugwood.org)



Figure 3: *Rhizosphaera* pynidia appear as tiny raised, grayish bumps topped with white waxy caps. (Photo: Paul Bachi, UK)

Figure 4: Tiny, brown to black, brush-like tufts emerge from infected needles through stomata of needles infected with *Stigmina*. (Photo: Paul Bachi, UK)

Management Options

- Stressed trees are more susceptible to infection than healthy plants, so take steps to maintain plant vigor.
- Properly space plants to improve air circulation, thereby encouraging rapid drying of needles.
- Practice good sanitation habits.
- Homeowners can apply fungicides that contain chlorothalonil, copper, or mancozeb during needle emergence (mid-April). During rainy seasons or in plantings with a history of disease, fungicides may be applied 2 consecutive years during spring when fungi are most active.

Additional Information

- Spruce Diseases in Kentucky ([PPFS-OR-W-24](#))
- Homeowner's Guide to Fungicides ([PPFS-GEN-07](#))
- Landscape Sanitation ([PPFS-GEN-04](#))

We still need a 4-H- agent spread the word

**WE ARE HIRING
FOR THE
BARDWELL
AREA**

**4-H Youth Development
Agent**

Requirement :

Bachelor's degree in Education, Agriculture, Environmental Science, Family and Consumer Science, Human Nutrition, Education, or related field. Three to five years of experience in youth program development. Master's Degree in related area strongly preferred.

Apply Online @ Kysu.edu



Benefits

- Medical Insurance
- Retirement
- Holidays, Vacation and Sick Leave
- Flexible Schedule

The pleasure of working with youth and seeing them benefit from the programs you offer!



Carlisle County Extension Homemakers

BOX LUNCH Fundraiser



- *sandwich
- * side
- * dessert

\$10

Choice of
Chicken Salad or Ham & Cheese
on Croissant

August 25, 2023

Pick up at the Carlisle County Extension Office.

Preorder by Friday, August 18th

Checks payable to: Carlisle County Homemakers

Call for information 270-628-5458

Proceeds to benefit Homemaker FCS Scholarship Fund & Community Projects

Information released by

Chuck Flowers
Carlisle County Extension Agent for
Agriculture & Natural Resources



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

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Carlisle County
P O Box 518
Bardwell, KY, 42023-0518

RETURN SERVICE REQUESTED