AGRICULTURE & NATURAL RESOURCES

NEWSLETTER **MAY 2023**



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

Cooperative Extension Service LaRue County P.O. Box 210, 807 Old Elizabethtown Rd. Hodgenville, KY 42748-0210 (270) 358-3401 larue.ca.uky.edu

LARUE COUNTY CATTLEMEN'S

Meeting: 5/9 at 7pm

Speaker: Dr. Andy Pike, DVM.

Topic: What you need to know about the upcoming antibiotic changes for livestock.

LaRue County Cattlemen will meet on *Tuesday*,

May 9th at 7pm at the LC Extension Office. There will be a meal provided and we ask that you please bring a dessert to share. There will not be any beef meetings in June or July.





Sincerely,

Java Stillwell

Marla Stillwell LaRue County Extension Agent for Family & Consumer Sciences Education Email: marla.stillwell@uky.edu

Wisty Wilmoth

Misty Wilmoth LaRue County Extension Agent for 4-H Youth **Development Education** Email: mwilmoth@uky.edu

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Disabilities accommodated with prior notification.

LEXINGTON, KY 40546

SENIOR FARMERS MARKET NUTRITION PROGRAM

We are participating in the KDA Senior Farmers Market Nutrition Program again this year. This program provides \$50 vouchers for those who qualify to use on participating items at our Farmers Market. There will be a limited number of vouchers available. We will not be able to hold or reserve a voucher for you, but we would gladly notify you when we have more information on when they will become available, 270-358-3401.



FARMERS MARKET If you are interested in being a vendor at this year's market, contact Marla at <u>marla.stillwell@uky.edu</u> or 270-358-3401.





MOJO BEEF KABOBS 30 minutes, 4 servings

INGREDIENTS:

- 1 beef Top Sirloin Steak Boneless, cut 1 inch thick (1 pound)
- 1 teaspoon coarse grind black pepper
- 1 large lime, cut into 8 wedges
- 1 small red onion, cut into 8 thin wedges
- 1 container grape or cherry tomatoes (about 10 ounces)

MOJO SAUCE:

- 1/4 cup fresh orange juice
- 1/4 cup fresh lime juice
- 3 tablespoons finely chopped fresh oregano
- 3 tablespoons olive oil
- 2 tablespoons finely chopped fresh parsley
- 1 teaspoon ground cumin
- 1 teaspoon minced garlic
- 3/4 teaspoon salt



DIRECTIONS:

- 1. Whisk Mojo Sauce ingredients in small bowl. Set aside.
- 2. Cut beef Top Sirloin Steak into 1-1/4 inch pieces; season with pepper.
- 3. Alternately thread beef with lime and onion wedges evenly onto four 12-inch metal skewers.

Thread tomatoes evenly onto four 12-inch metal skewers.

4. Place kabobs on grid over medium, ash-covered coals. Grill tomato kabobs, covered, about 2 to 4 minutes or until slightly softened, turning occasionally. Grill beef kabobs, covered, 8 to 10 minutes (over medium heat on preheated gas grill 9 to 11 minutes) for medium rare (145°F) to medium (160°F) doneness, turning once.

5. Serve kabobs drizzled with sauce.

Cook's Tip:

To make lim[']e wedges, cut lime crosswise in half. Cut each half into quarters, forming wedges. When cutting onion into wedges for kabobs, leave root end intact so wedges hold together during skewering. Thread steak pieces onto skewers leaving small spaces between them. Loose or right

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LARUE COUNTY 2023 POULTRY SHOW BROILER PENOFTHREE



\$3 PER CHICK MINIMUM ORDER: 10 MAXIMUM ORDER: 25 DEADLINE FOR ORDERS: MAY 15, 2023

LC EXTENSION SERVICE 807 OLD ELIZABETHTOWN RD., HODGENVILLE 270-358-3401





JOHN BALL, 270-827-3322 DWAYNE DUNCAN, 270-401-1008 MASON CRAWFORD, 270-505-5600

FULL LIST OF RULES ARE AVAILABLE AT THE EXTENSION OFFICE

PYTHIUM DISEASES OF VEGETABLE CROPS

Pythium diseases can affect a large number of vegetable crops. Vegetables produced in structures, such as greenhouses or high tunnels, may be at an increased risk for disease losses once the pathogen is introduced. Infections may impact above and below ground plant parts, resulting in plant decline or fruit rot. Cultural management strategies and fungicides may be used to limit the impact of Pythium diseases.

Pythium Disease Facts

- Pythium diseases can impact plant roots, stems, and crowns. Root infections result in brown, rotting roots (Figure 1), while stem infections appear as lesions that girdle stems or crowns. Both types of diseases can result in wilting, stunting, reduced vigor, yield reduction, nutrient deficiency-like symptoms, and plant death. Early plant infections cause damping-off.
- Pythium diseases can also cause damage to fruit. Symptoms include sunken, wet, or slimy lesions. Over time, a white, cottony growth can cover infected portions of fruit (Figure 2). Disease development frequently occurs where fruit are in contact with soil. Disease development can occur in the field or in storage.
- Wet soils from excess irrigation or rainfall are conducive for disease development.
- Infested soil, water, tools, and plant debris can harbor disease causing pathogens.
- Caused by multiple species of *Pythium*, a fungus-like pathogen called a water mold.



Figure 1: Brown, rotting roots are a symptom of Pythium infection. (Photo: Penn State Department of Plant Pathology & Environmental Microbiology Archives, Penn State University, Bugwood.org)



Figure 2: Fruit infected with Pythium develop a white, cottony growth. (Photo: Cheryl Kaiser, UK)

Management Options

- Improve soil drainage.
- Avoid overwatering.
- Avoid introduction of natural soil into hydroponic systems.
- Use clean, new soil for seeding and transplanting.
- Clean and sanitize pots, tools, and structures.
- Avoid movement of infested soil. Work in clean fields first and infested sites last to avoid spread.
- Wash and disinfect tools, equipment, shoes, and clothing after working in infested fields, greenhouses, or tunnels.
- Apply a mulch layer to limit contact between fruit and soil.
- Infected fruit may not show symptoms at harvest, but disease may develop in storage. Damaged, wounded, and diseased materials should be discarded.

Use approved fungicides labeled for *Pythium* spp. Commercial growers can find information on fungicides in the <u>Vegeta-ble Production Guide for Commercial Growers (ID-36)</u> and the <u>Southeast U.S. Vegetable Crop Handbook</u>. Information on fungicides available to homeowners is available in <u>Home Vegetable Gardening Guide (ID-128)</u>.

By Kimberly Leonberger, Plant Pathology Extension Associate, and Nicole Gauthier, Extension Plant Pathologist



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RETURN SERVICE REQUESTED

CLOSED FOR THE HOLIDAYS

The Extension Office will be closed on the following days:



May 29th in observance of Memorial Day June 19th in observance of the Juneteenth Holiday July 4th in observance of Independence Day

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