FRANKLIN COUNTY LIEXTENSION INSTITUTE OF AGRICULTURE

The Sunday Short Read

- May 19th, 2024 -Matthew Deist — ANR Agent 931.967.2741 or mdeist@utk.edu

Visual Symptoms of Nutrient Deficiency

Nutrient deficiencies make themselves known visually in unique ways and because of this, we can identify the cause and plan a course correction, though not always in time to save yield. The deficiency symptoms pictured above left to right are Nitrogen, Phosphorus, and Potassium. Nitrogen (N) deficient leaves will exhibit a V-shaped yellow starting from the tip and progressing down the midrib towards the base of the leaf, appearing first on the older leaves. Phosphorus (P) deficient leaves will have purplish/reddish leaf tips with margins and will also appear first in older leaves. Potassium (K) deficient leaves are yellowish green in color starting from the tips of older leaves and progressing toward the base. Margins of the leaf turn brown and often die. If you'd like to know more about visual deficiency symptoms not only on corn, but on soybeans, and cotton, reference both our webpage and the UT publication linked below.

Webpage: https://utcrops.com/soil/soil-fertility/nutrient-deficiency/

Publication: https://utia.tennessee.edu/publications/wp-content/uploads/sites/269/2023/10/W976.pdf

Extension PB1756

The All Season Pocket Guide To Identifying Common Tennessee Trees



SUMMER/WINTER TREE IDENTIFICATION

Tree ID Resources

I'm not sure about your family, but when my extended family goes on vacation, we end of looking trees at some point or another; identifying and inspecting them for damage and/or pests. Admittedly, my extended family consists of 3 Extension Agents and a quite a few agriculturalists. Well, linked below are some great resources to help you be as weird as us.

PB1756 - Identifying Common TN Tree
Virginia Tech Dendrology Factsheets
UT Arboretum Tree ID Guide

UT FWF - Dendrology Homepage

IMPORTANT DATES & DEADLINES

USDA

U.S. DEPARTMENT OF AGRICULTURE

May 15, 2024

05/23/2024 Franklin County SWCD Meeting

05/31/2024 Acreage Reporting Deadline for Nursery

07/15/2024 Acreage Reporting Deadline for Corn, Cotton, Soybeans, Mixed Hay & Pasture, Spring/Summer

Vegetables

07/31/2024 Acreage Reporting Deadline for Hemp

For the full USDA Service Center newsletter, visit the link below.

https://content.govdelivery.com/accounts/USDAFARMERS/ bulletins/39cb80e

TN Department of Agriculture

Event	Deadline
Reimbursement Request Deadline – Genetics	June 1, 2024
Decline Funding Deadline – Dairy Solutions, Herd Health, Livestock Solutions, Poultry Grower, Producer Diversification, Row Crop Solutions, Swine Producer, Working Structures & Fence-line Systems	July 1, 2024
Reimbursement Request Deadline – Dairy Solutions, Herd Health, Livestock Solutions,	

Poultry Grower, Producer Diversification, Row Crop Solutions, Swine Producer, Working Structures & Fence-line Systems

For more info on the TAEP, visit their website linked below.

https://www.tn.gov/agriculture/farms/taep.html

- Timely Extension Publications https://tiny.utk.edu/pubs
- You Can Control Garden Insects PB 595 (Revised 2020)
- The TN Vegetable Garden Managing Plant Nutrition W346-C

Tennessee Market Highlights

Click below & select May 17th

https://tiny.utk.edu/MarketHighlights



August 1, 2024

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