

**TUSCARAWAS COUNTY AGRICULTURE & NATURAL RESOURCES**

January 21, 2022

**FERTILITY TOOL**...is available from OSU Extension. A Microsoft Excel spreadsheet has been developed to support nutrient management education programs provided by Ohio State University Extension and for users who want to generate their own recommendation or compare recommendations provided to them to the *Tri-State Fertilizer Recommendations for Corn, Soybeans, Wheat, and Alfalfa, 2020*. The spreadsheet is designed to be compatible with Excel version, Excel 1997-2003 or later.

The tool generates recommendations for the following crops:

- 1) Corn
- 2) Corn-Silage
- 3) Soybeans
- 4) Wheat (Grain Only)
- 5) Wheat (Grain & Straw)
- 6) Alfalfa
- 7) Grass Hay
- 8) Grass/Legume Hay

Overview of spreadsheet features:

- There are 21 data lines.
- Data can be copied from another spreadsheet or within the spreadsheet
- User controls whether recommendations are build/maintenance or maintenance only for phosphorus (P) & potassium (K) recommendations.
- User can select when a field the critical level used for corn/soybean rotations or wheat, alfalfa, or grass legume hay for P recommendations.
- Can select a shorter or longer buildup period than standard 4 year for P & K.
- P & K recommendations are displayed with buildup and maintenance requirements separately.
- Total fertility need can be determined for a 1-, 2- or 3-year application on P & K Recommendation page.
- Lime recommendations are developed using target final soil pH and tillage depth.
- User can compare cost of two lime sources on lime recommendation page.
- User can determine total cost of P & K fertilizer needed to meet the nutrient recommendation.
- User can determine total cost of Lime needed in the recommendation developed.

The spreadsheet is available at: <https://go.osu.edu/ohiofertilitytool>

A printed User Guide is available at: <https://go.osu.edu/ohiofertilitytoolguide>

A video demonstration at: <https://go.osu.edu/ohiofertilitytoolvideo>



**CORN AND SOYBEAN SCHOOL**...will be presented virtually by OSU Extension. Due to popular demand, the AgCrops Team will host the 2<sup>nd</sup> annual virtual Corn College and Soybean School on **February 15, 2022**, from 9:00 AM – 4:00 PM featuring your OSU Extension state specialists, including the new corn agronomist, Dr. Osler Ortez, and new soybean pathologist, Dr. Horacio Lopez-Nicora. CCA CEUs will be available during the live presentations.

To register, please go to: <http://go.osu.edu/cornsoy> There is a \$10 registration fee for this event, which goes directly to support OSU AgCrops Team activities. Presentations will be recorded and uploaded to the AgCrops Team YouTube channel after the event (<https://www.youtube.com/c/OSUAgonomicCrops>).

#### **MORNING SESSION 9:00-noon**

9:00-9:40	Laura Lindsey	Soybean Management for 2022
9:50-10:30	Osler Ortez	Corn Management for 2022
10:40-11:20	Horacio Lopez-Nicora	Soybean Disease Management
11:20-noon	Pierce Paul	Corn Disease Management

#### **AFTERNOON SESSION 1:00-4:00**

1:00-1:40	Kelley Tilmon	Soybean Insect Management
1:50-2:30	Andy Michel	Corn Insect Management
2:40-3:20	Mark Loux	Weed Management for Corn and Soybean
3:20-4:00	Steve Culman	Meeting Nutrient Needs for Corn and Soybean

**USDA OFFERING FREE RFID TAGS**...to beef producers. In further support of their effort to transition to 840 radio frequency identification (RFID) tags for official identification for cattle and bison throughout the U.S., the U.S. Department of Agriculture (USDA) is making 840 RFID tags available free to cattlemen and veterinarians. In Ohio, both the Ohio Cattlemen’s Association and the Ohio Department of Agriculture have been approved to distribute these free tags while they last.

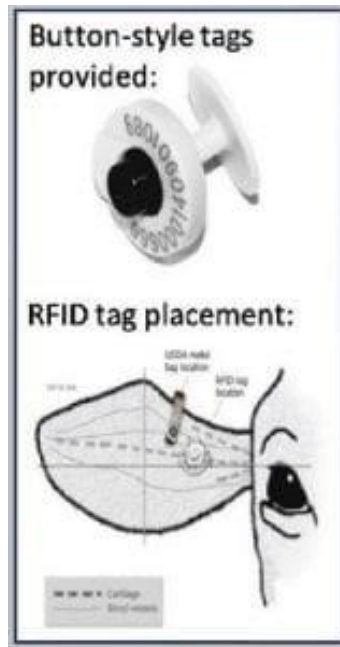
The RFID tags are only intended for use in replacement stock. There are both white “840” button tags and orange “840” calfhood vaccination (OCV) button tags available. All RFID tags are low frequency tags. Veterinarians may receive both white and orange tags, while cattle producers may only receive the white 840 tags.

A Premises Identification Number (PIN) is required to order the free RFID tags. To obtain a PIN, scan the QR code found in the fact sheet [linked here](#) to access PIN registration on the ODA website, or call them at 614-728-6220.



To request free RFID tags contact Tiffany at the Ohio Cattlemen's Association office (614-873-6736) or the Ohio Department of Agriculture-Division of Animal Health at 614-728-6220.

Find more details about receiving free RFID 840 tags in Ohio, see this [fact sheet](#).



**ENLIST ONE AND ENLIST DUO**...cannot be used in 12 Ohio counties: Athens, Butler, Fairfield, Guernsey, Hamilton, Hocking, Morgan, Muskingum, Noble, Perry, Vinton, and Washington because of changes made by US EPA related to Endangered Species. Additional information is available in this OSU Extension C.O.R.N. newsletter: <https://agcrops.osu.edu/newsletter/corn-newsletter/2022-02/new-enlist-labels-%E2%80%93-when-enlist-outlawed-only-outlaws%E2%80%A6%E2%80%A6>.

**CORN NITROGEN RATE CALCULATOR**...is a tool developed by seven universities, including Ohio State, and is housed at Iowa State University. This web site provides a process to calculate economic return to N application with different nitrogen and corn prices and to find profitable N rates directly from recent N rate research data. The method used follows a regional approach for determining corn N rate guidelines that is implemented in several Corn Belt states.

I encourage you to use this tool to evaluate economic returns at various application rates. The tool is available here: <http://cnrc.agron.iastate.edu/>.

**FARM BILL DECISION TOOL**...has been updated. At this time, given likely yields and prices, the odds of an ARC/PLC payment are low. However, if you are interested in reviewing scenarios, please contact me to arrange a time to meet to examine yield and price scenarios.

**PLANNING FOR THE FUTURE OF YOUR FARM BUSINESS**...workshop will be presented virtually by OSU Extension Educators and Specialists. The workshops are designed to help farm families learn strategies



and tools to successfully create a succession and estate plan which can be used as the guide to transfer the farm's ownership, management, and assets to the next generation. Learn how to have the crucial conversations about the future of your farm.

Topics discussed during this series include: Developing Goals for Estate and Succession; Planning for the Transition of Control; Planning for the Unexpected; Communication and Conflict Management during Farm Transfer; Legal Tools & Strategies; Developing Your Team; Getting Your Affairs in Order; and Selecting an Attorney. This workshop will be taught by members of the OSU Farm Office Team.



A virtual version of this workshop will be held on January 31 and February 7, 21 & 28, 2022 from 6:30 to 8:00 p.m. via Zoom. Because of its virtual nature, you can invite your parents, children, and/or grandchildren (regardless of where they live in Ohio or across the United States) to join you as you develop a plan for the future of your family farm.

Pre-registration is required so that a packet of program materials can be mailed in advance to participating families. Electronic copies of the course materials will also be available to all participants. The registration fee is \$75 per farm family. The registration deadline is January 25, 2022. More information and on-line registration can be obtained at [go.osu.edu/farmsuccession](https://go.osu.edu/farmsuccession).

**BEEF QUALITY ASSURANCE (BQA)**...trainings for beef and dairy producers are scheduled at Sugarcreek Stockyards on February 28 and March 30. Both sessions begin at 7pm.

Please RSVP to 330-339-2337.

**WEED UNIVERSITY**...sponsored by OSU Extension will be held February 2 in Coshocton County. Are you concerned about the effectiveness of your herbicide program? Want to sharpen your weed id skills? Not sure which nozzles provide the best control options? Is herbicide resistance REALLY that big of a problem? These topics and many more will be discussed at the **2022 Ohio Weed University**.



**CFAES****2022 Ohio Weed University**

COLLEGE OF FOOD, AGRICULTURAL, &amp; ENVIRONMENTAL SCIENCES

**This high-impact program is designed for producers wanting to be on the “Cutting Edge” of crop production for their operations.**



**Featured Speakers:**  
Dr. Mark Loux, Ohio State University  
Alyssa Essman, Ohio State University  
OSU Extension Educators

**Topics Include:**

- Local Weed Populations and Late Season Weed Issues
- Hot Topics in Weed Control
- Weed Biology and Control Strategies
- Cover Crop Management in Forages
- Hands-on Activities
  - Weed Identification
  - Tank Mixing Sequence
  - Nozzle Selection & Calibration
- Evaluating Your Herbicide Program

\*\*\* CCA & PAT Credits will be available \*\*\*

This high-impact program is designed for producers wanting to be on the “Cutting Edge” of crop production for their operations. Topics Include: Local Weed Populations and Late Season Weed Issues; Hot Topics in Weed Control; Weed Biology and Control Strategies; Cover Crop Management in Forages; and Evaluating Your Herbicide Program. Hands-on activities include Weed identification utilizing live plants at various growth stages; Nozzle selection and calibration utilizing a spray table; and Tank mixing order for different products. Featured Ohio State University speakers include Dr. Mark Loux, Alyssa Essman and various Extension Educators.

Please call 740-622-2265 to pre-register. Additional information is available at <https://u.osu.edu/knoxcountyag/2022/01/03/ohio-weed-university/>

**TRI-STATE FERTILITY RECOMMENDATIONS**...for corn, soybeans, wheat, and alfalfa bulletin has been revised. This bulletin is free of charge as a PDF by clicking: [https://extensionpubs.osu.edu/search.php?search\\_query=974&section=product](https://extensionpubs.osu.edu/search.php?search_query=974&section=product).

**eFIELDS**...on-farm research report results have been published and are now available in print and online. The 300+ page booklet is a collection of OSU Extension Educator and farmer cooperator projects from across Ohio, including Tuscarawas County.

# eFields

connecting science to fields



**THE OHIO STATE UNIVERSITY**  
EXTENSION

**TUSCARAWAS COUNTY**  
[tuscarawas.osu.edu](https://tuscarawas.osu.edu)

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