Computer-Assisted Nutrient Management Tutorials

Getting Started with NMTracker

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Getting started: Software Requirements

• Web browser
  • Internet Explorer 9 or higher.
  • Mozilla Firefox 28 or higher.
  • Tested with Chrome 34.0
  • Safari (Mac) will be tested.

• Version of NMTracker
  • Current version is 1.0.0.
  • Updates to NMTracker occur directly to website.
  • Compatibility with past NMTracker projects maintained.
NMTracker Homepage: at nmtracker.missouri.edu.

**NMTracker**

**NUTRIENT MANAGEMENT TRACKER, A.K.A. NMTracker**

A suite of tools supporting strategic and tactical nutrient management planning.

Current key capabilities of NMTracker include:

- Password protected accounts for managing multiple projects.
- Feature delineation including fields, application setbacks and other farm features.
- Map creation as needed for nutrient management plans.
- Collected data exports to other programs including Purdue Universities Manure Management Planner (MMP). Exports can include shape files for use in GIS programs and supporting layers provided by the Missouri Clipper.

Current capabilities of NMTracker replace Missouri’s Spatial Nutrient Management Planner (SNMP).

We are working to expand the capabilities of NMTracker.

Please click on the About and News menu tabs for usage and contact information.

**UNIVERSITY OF MISSOURI Extension**

This project was made possible, in part, by support from USDA-NRCS.
Step 1: Register as a user for NMTracker.
Step 2: Enter your account information.

**REGISTER WITH NMTracker**
Use the form below to create a new account. Passwords are required to be a minimum of 6 characters in length.

**Account Information**

- **User Name:** Training_Account
- **First Name:** John
- **Last Name:** Lory
- **Display Name:** Training_Account
- **E-mail:** LoryJ@missouri.edu
- **Password:** ••••••
- **Confirm Password:** ••••••

When done... “click” Create User
Entry screen for a new NMTracker user account.

You don't have any projects created. Use the button to create a new project.
Users with an account: Use the “Log In” button.
Users with an account: Enter your credentials.

When done...

“click” Log In

Thank you for using NMTracker. We would appreciate your feedback, particularly about any problems you have while we release this new version. Contact Kevin Atherton with any comments.
Notes about NMTracker accounts

• You can have multiple user-names resulting in multiple accounts.
  • A better approach is to have one account.

• Within an account you can have multiple projects.
  • More on this later.

• Account security.
  • Your password is your account security.
  • Your data resides on an MU server dedicated to CARES.
    • Server is behind the MU firewall.
    • Server hosting database separate from server hosting web pages increasing security.
    • CARES servers are backed up hourly.
    • We only encrypt passwords, your data on server is not encrypted.
Step 3: Create a new project.

“Click” Create New
Step 3: Complete the “Project” form.

**Pointers:**
- No spaces in Project Name.
- Use tab key to navigate.
- More detailed addresses improve automated navigation to locate farm.

When done...
*click “Submit”*
Step 4: “Open” the new project.
Basic Layout: “Mapping” view.

Project Name  Project Location

Location of MU_Example_Farm: MO, Boone County

To Log Out and Exit

Your User Name
Basic Layout: “Mapping” view.

Map of County You Selected...

Navigation in NMTracker is based on Google Maps.
Navigation.

Two ways to zoom in and out.

1. Use the Google magnification bar.
2. To turn on the ability to zoom with your mouse track wheel. Click “on”.

We want to navigate to the MU Dairy west of Columbia.
Navigation.

Pan by using your mouse

“We want to be here.”

“Grab” the screen by holding down the left button on your mouse. Sweep the mouse to the SE.
Navigation.

Pan by using your mouse
Navigation.

Switch to Satellite view.

Select Satellite.
For more information on NMTracker.

• NMTracker website at nmtracker.missouri.edu.

• NMTracker tutorials at http://nmplanner.missouri.edu/software/nmtracker.asp.

• For information on program development contact John Lory.

• For information on software implementation contact Kevin Atherton

• Other Nutrient Management resources at nmplanner.missouri.edu.