



2023 Annual Nutrient Management Report

Prepared by the Wisconsin Department of Agriculture, Trade and Consumer Protection

Coming Changes that Impact Nutrient Management

Significant updates and initiatives are on the horizon in Wisconsin that will affect nutrient management across the state. Key among these is the revision of the NRCS 590 Nutrient Management (NM) Practice Standard. The revision process is well underway, overseen by the Wisconsin Standards Council, with a draft expected to be ready for a select review this winter and a broad public review slated for the summer of 2025. More information about the revisions and the process can be found on the Standards Oversight Council's website [here](#).

Keep in mind that it will take additional time to incorporate the updated standard into administrative rules like ATPC50.

Concurrently, the Silurian Bedrock Performance Standard is soon to be a requirement for Farmland Preservation Participants coinciding with updates to the Administrative Rule ATPC50. Planners in eastern Wisconsin counties are advised to prepare for upcoming training sessions designed to familiarize them with these restrictions and prohibitions.

Additionally, the Wisconsin Geological and Natural History Survey (WGNHS) has published an updated map of Silurian bedrock, which is crucial for understanding the geological restrictions for nutrient management practices in the region. This map is accessible online and will be an invaluable resource for both planning and compliance. To view the map, click [here](#). SNAP Maps will not incorporate this data until the release of SNAP+ V3.

Funding Resources Available

[Click here to find out more about Nutrient Management Related Financial Support Opportunities and Programs and below for other related resources.](#)

- [SWRM Cost-Share Grants](#)
- [NMFE Grants](#)
- [Farmland Preservation](#)
- [Nitrogen Optimization Pilot Program](#)

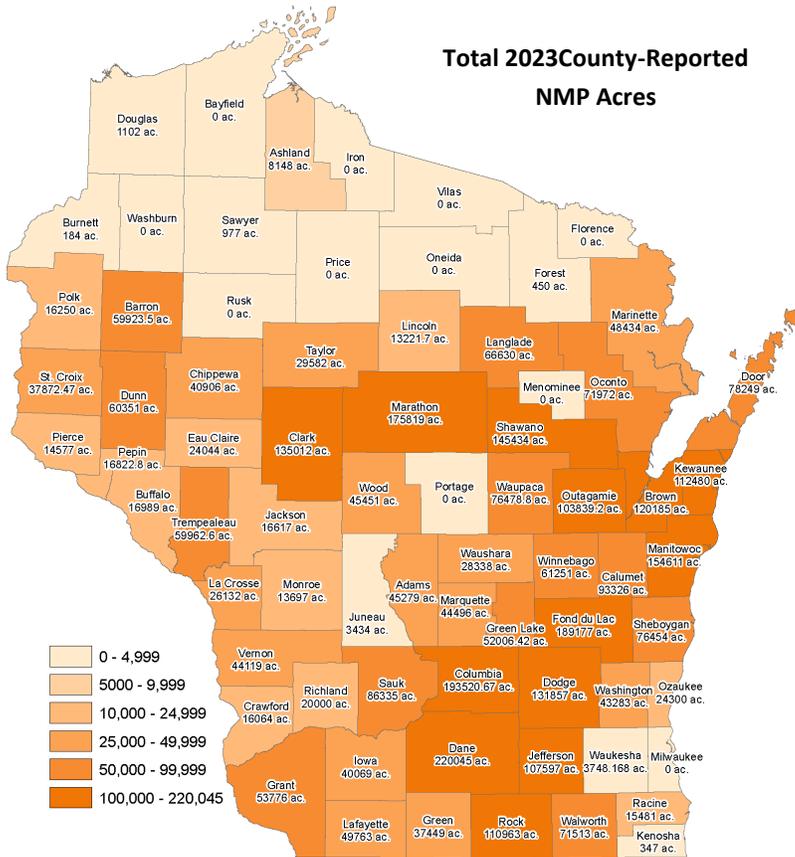
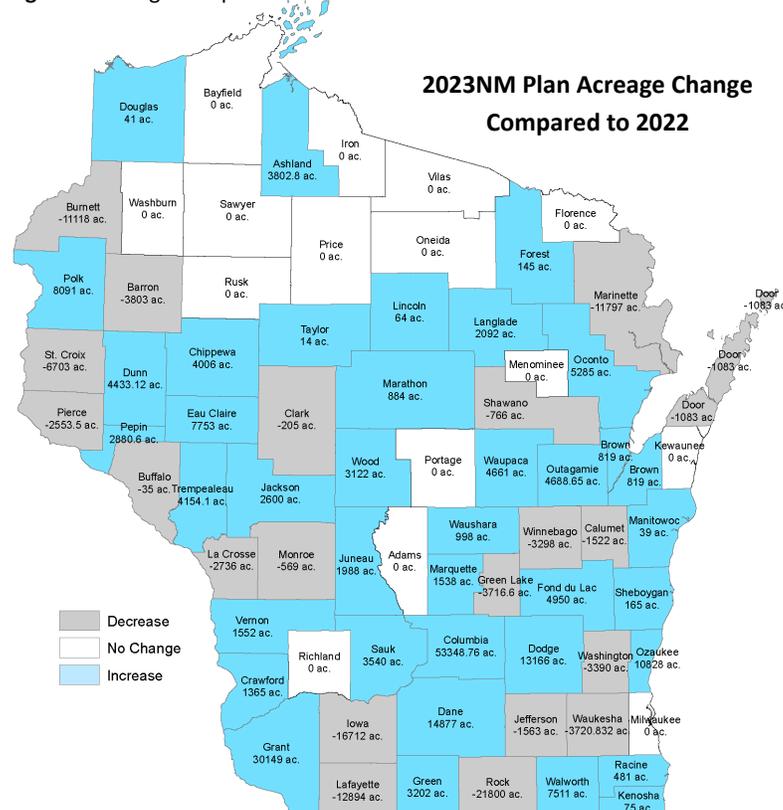


Figure 5: NM plan acres reported to DATCP by county land conservation offices.

Figure 6: Change in reported acres from 2022 to 2023.





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Overview

- This dataset represents the median soil test phosphorous levels, measured in ppm, from 2015—2019.
- Values are derived from soil samples submitted to certified laboratories under the Certified Soil and Manure Testing Laboratories Program, jointly run by the DATCP and UW-SFAL.

Analysis

- Unlike previous datasets which reported *mean* phosphorous levels, this dataset uses median values to more accurately reflect typical soil test P concentrations.
- This was done to address the skewed nature of soil test P distribution, heavily influenced by a few very high values.

Considerations

- Direct comparisons of these median values with mean values from earlier datasets (e.g. 2005—2009, 2010-2014) are not statistically meaningful.
- Users should avoid assuming changes over time based solely on this data set.

For those interested in reviewing prior data sets, including Soil Test Phosphorus, Organic Matter, Potassium, and pH levels please visit the University of Wisconsin Soil and Plant Analysis Laboratory’s website here: [UW Soil and Plant Analysis Lab](https://soilplantlab.wisc.edu/).

A more comprehensive report by the UW SFAL will be coming out this summer.

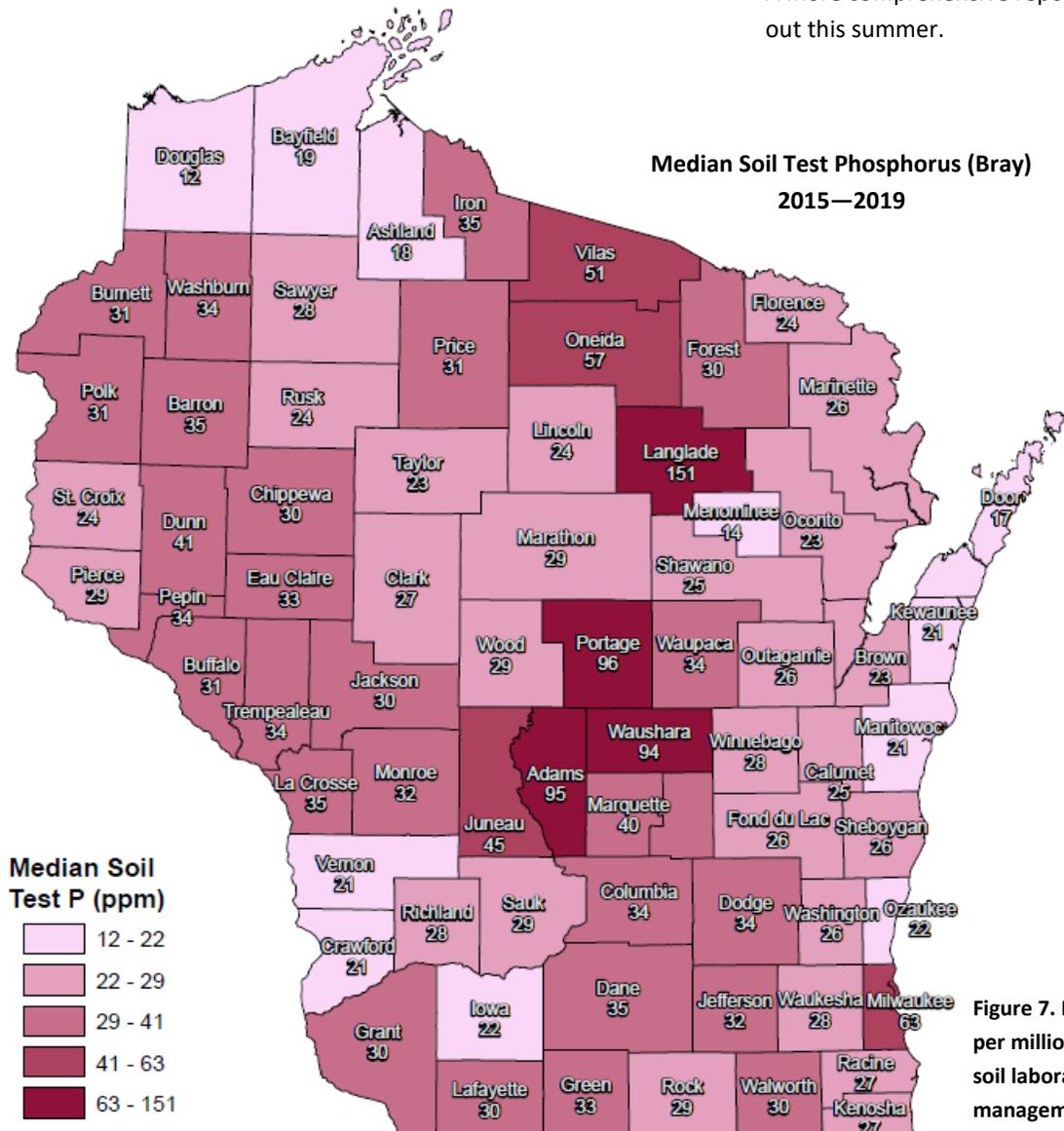


Figure 7. Median Soil Test P reported in parts per million from soil samples sent to certified soil laboratories as for the operators nutrient management plan.

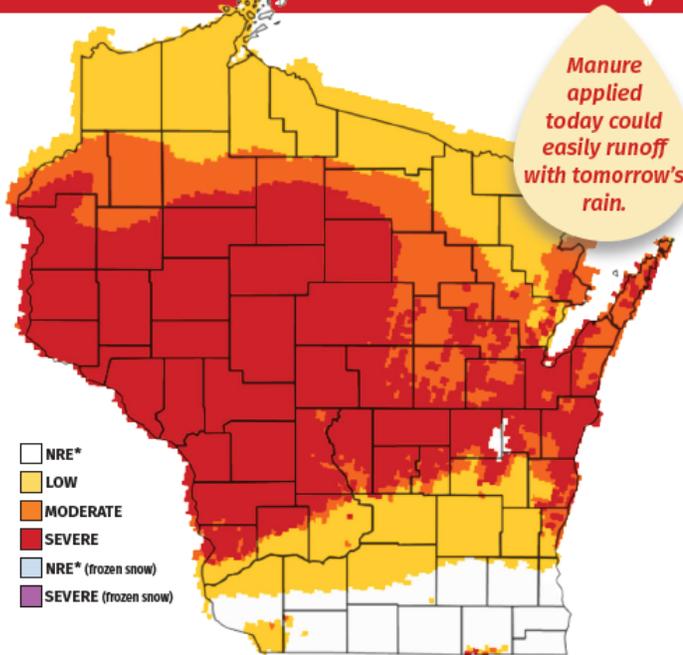


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CHECK THE Wisconsin Runoff Risk Advisory Forecast

IF IT'S RED, DON'T SPREAD!



Helpful Links

- [DATCP Nutrient Management Trainings](#)
- [Self-Paced Online Nutrient Management Course](#)
- [Conservation Compliance Homepage](#)
- [Runoff Risk Advisory Forecast](#)
- [UW Integrated Pest and Crop Mgmt. - YouTube](#)
- [SnapPlus Tutorials - YouTube](#)

Contact Us

For questions on the DATCP nutrient management program, ATCP 50, or NRCS 590 standard:

Cody Calkins, Nutrient Management Policy Spec.:
(608) 224-4604 or cody.calkins@wisconsin.gov

For questions on nutrient management planning, SnapPlus, or nutrient management training:

Andrea Topper, Training and Outreach Specialist:
(608) 405-0235 or andrea.topper@wisconsin.gov

DATCP Updates:

- Andrea Topper provided 46 Nutrient Management trainings reaching 817 participants.
- Through NMFE, 282 producers wrote their own Nutrient Management Plans covering 93,785 acres
- Regional NM Workgroup Meetings were so successful last year that we are bringing them back! Last years meetings were attended by 154 people from land conservation, DNR, NRCS, and CCAs other professional Nutrient management planners! Follow the NM Trainings page in the Helpful Links for future dates and locations.
- Commonly requested GIS data found in SNAP+ is now available online here:
<https://gis-widatcp.opendata.arcgis.com>
- Dani Heisler was hired as the Producer Led Watershed Program manager.
- Wrangler Jones was hired to provide Conservation Agronomy support for the NM and PL programs.
- The administrative rule authorizing the Soil and Water Resource Management Program (ATCP50) is likely to be published in the next couple of months. For progress, updates, and meetings, click the link or search for: [ATCP 50 Rule Changes](#).

Quality Assurance Team: We are always looking for QAT participants for NMP reviews. If your county would like the QAT to assist with reviews this year, please contact Cody Calkins.

SnapPlus Updates: Version 3 development is underway. Check the SnapPlus website for updates and future opportunities to beta test functions as they are released.