



Department of Agriculture

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Utilizing Data and Technology to Modernize Nutrient Management

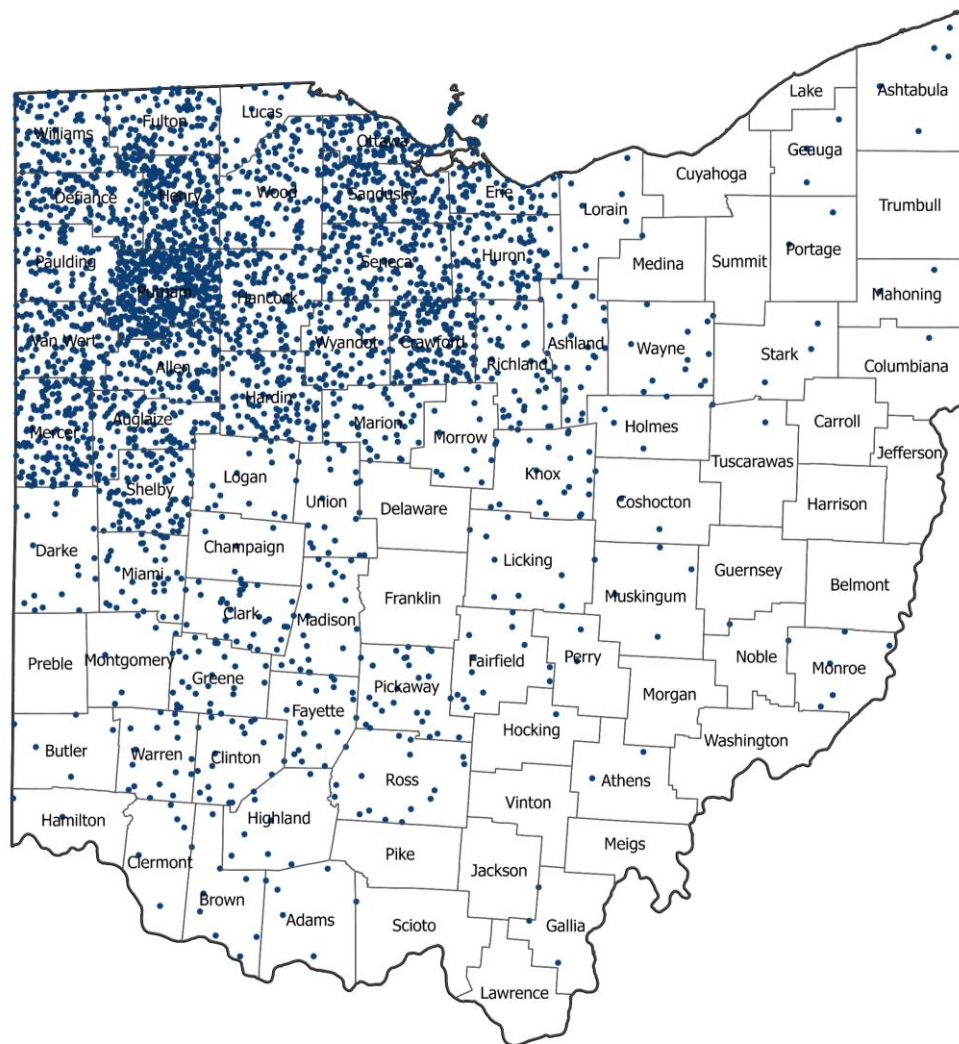


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What is H2Ohio?

H2Ohio is Ohio Governor Mike DeWine's statewide water quality initiative designed to address complex issues impacting Ohio's waters. Launched in 2019, H2Ohio uses a comprehensive approach guided by science and data to reduce algal blooms, stop pollution, and improve access to clean drinking water by supporting best farming management practices, road salt runoff reduction, litter cleanup, dam removal, land conservation, and water infrastructure revitalization (h2.ohio.gov).



**Ohio Department of Agriculture (ODA) delivers
the Best Management Practice portion of H2Ohio.**

2.7M

Acres Enrolled In VNMPs

VNMP implementation verified by
SWCD and ODA staff for each crop year

3,700

User Agreements

Signed to implement BMPs on the farm

Due to the scale of this first of its kind initiative, ODA needed a solution to consistently and efficiently manage contracts, verification of practices and reporting of progress. That is where MyFarms comes in.

● Each blue dot represents a farm participating in H2Ohio for crop year 2025

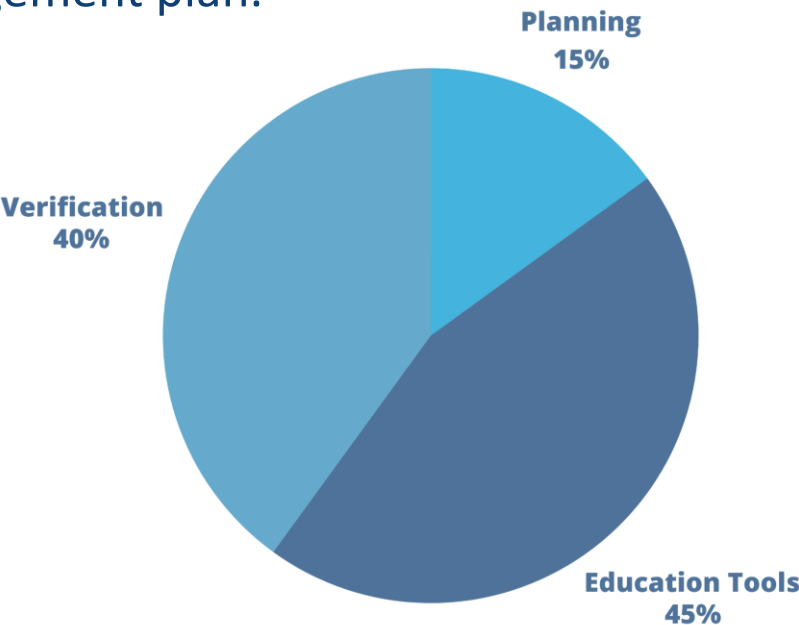
H2Ohio



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Introducing MyFarms

MyFarms partnership with ODA began in 2023 as a platform to assist in nutrient management which helps users create a Tri State and 590 compliant nutrient management plan.



→ VNMP & CNMP Capability

Support for voluntary and comprehensive nutrient management plans

→ 2025 Redesign

Updated User Experience based on direct feedback from users across Ohio

→ Logic Guided Compliance

Built-in logic walks users through every step of a NMP to ensure the plan is compliant



< VNMP (Gen 2) 2026 - 2027 (Verification for 2026)

Task	Status	
1.1 Include Fields	3 of 3 Finished	
1.2 Crop Rotation	3 of 3 Finished	
1.3 Soil Test Results	3 of 3 Finished	
1.4 Fertilizer Recommendations	3 of 3 Finished	
1.5 Planned Nutrient Applications	3 of 3 Finished	
1.6 Setbacks and Soils	3 of 3 Finished	
1.7 Soil Loss Tolerance and Tile Drainage	3 of 3 Finished	
1.8 590 - Compliance	3 of 3 Finished	
1.9 H2Ohio BMPs	3 of 3 Finished	
1.10 Nitrogen and Phosphorus Risk Analyses	3 of 3 Finished	
1.11 Manure Application Setback Distances	3 of 3 Finished	

MyFarms creates a streamlined, collaborative workflow connecting agronomists, SWCDs, TAPs, and producers to a single channel for data collection, plan creation, and program consistency.

- 

SAFE Link

Me

Fields

Operation

Milestones

Data

NMP

Reports

Profile

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Paige Scott

Help

Instructions

Enter soil test results for each field from 2022 or later. Only fields that have soil test results uploaded in shapefile format will be eligible for the Precision BMP payment. Although you can optionally upload additional sampling data in any future plan year, doing so is not required by H2Ohio.

Upload Shapefiles

Download Template

Upload Template

Download Soil Test Results

Delete

1.3 Soil Test Results

VNMP (Gen 2) 2026 - 2027

Farm / Field	Crop Year	Cash Crop	Manage	Type	Compliance %	Soil Test Year	STP (ppm)
Farm 1 Testing (17.7)	2026	Corn (grain)	Edit Form	Form	100	2024	25
	2027	Oat Grain	+ Add Form				
	2028	Alfalfa	+ Add Form				
Farm 1 Testing 2 (17.7)	2026	Soybeans	Edit Form	Form	100	2024	60
	2027	Soybeans	+ Add Form				
	2028	Alfalfa	+ Add Form				
Scott Test Test Soil Type (143.8)	2026	Soybeans	Edit Form	Form	0	2024	47.8
	2027	Soybeans	+ Add Form				
	2028	Soybeans	+ Add Form				

Previous

Finish

Foundation of NMPs are:



Use by the Numbers

4,367

Total Users

Including 712 Advisor accounts actively managing plans

77K

Fields Managed

Individual fields tracked and planned within the platform

3.08M

Acres

Geospatially mapped and managed across Ohio

Add Program

Program Name
Corn - Commercial

Event	Type	Timing	Method	Product	Rate Basis	Rate
1	Row Starter	May, 2026 - Jun...	Injected	Ammonium P...	Manual	5 gals/ac
				Urea Ammoni...	Manual	10 gals/ac
2	VRT - Fertilizer	Sept, 2025 - Oct...	Broadcast	MAP (11-52-00)	1-Year Crop P Nee...	
				Potash (0-0-60)	1-Year Crop K Need	
3	Fertilizer	Mar, 2026 - April...	Injected	Anhydrous Am...	1-Year Crop N Need	

Cancel

Download Program

Upload Program

Save

2026

2027

Instructions

Each field is enrolled in all eligible BMP(s) by default, when possible. If a field is eligible for both P Placement and Manure Inc, a user must manually select one, since the same field cannot be enrolled in both for the same year. Click here to download the current H2Ohio practice standards.

Show Noncompliant Fields

Show Manure Fields

Default BMPs

1.9 H2Ohio BMPs		VNMP (Gen 2) 2026 - 2027					
Farm / Field	Crops	Basic	Precision	P Placement	O/W Cover	Manure (dry)	Manure (liquid)
Boehm (76.1)	Soybeans						
Dan North (37.5)	Corn (grain)						
Dan South (32.4)	Corn (grain)						
Home East (30.1)	Soybeans						
Home West (26.5)	Soybeans						
Old30 Old 30 (29.2)	Soybeans						

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< Navigate Crops >

2026

Corn (grain)

Soybeans

2027

Instructions

Add at least one program and then enroll each field in exactly one program for all year-crops. If the producer will not apply any nutrients to one or more fields, add a program that contains no events and enroll the field(s) in it.

+ Add Program

1.5 Planned Nutrient Applications		VNMP (Gen 2) 2026 - 2027		
Farm / Field	Prior Crop	STP (Mehlich-3 ICP)	No App (0)	Status
Farm 1 Testing 2 (17.7)	Unknown	60		3 - Rates
Scott Test Test Soil Type (143.8)	Unknown	47.8		3 - Rates



MyFarms has improved reporting accuracy and BMP tracking. Built-in logic ensures consistency and can serve as a learning tool for compliant NMP creation.



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Questions?

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Thank you!

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