

NMP 590 NON-WINTER RESTRICTION MAPS

Map Legend Colors and Symbols Explanations

Showing only those restrictions in place for these maps. See also the general layer map guide.



Surface Water Quality Management Area (SWQMA)

Restrictions as below for SWQMA areas which are 300 ft from a river or stream and 1000 ft from a lake or pond

When it is not winter, nutrient applications are restricted. Any nutrient application must either be incorporated within 3 days or be accompanied by one of the following:

- Permanent vegetated buffers
- Maintenance of more than 30% residue or vegetative cover (On long-term no-till fields with less than 30% residue or plant cover, nutrients can be applied within 7 days of planting).
- Crop or cover crop establishment before or immediately after application
- Unincorporated liquid manure application rates cannot be more than 12,000 gallons per acre at any one time



Private Well Buffer

No manure within 50 ft

No fertilizer (except corn starter) within 50 ft



Irrigation Well Buffer

No manure within 50 ft

No nutrient application/fertilizer within 8 ft



Non-Community Well Buffer

No manure within 100 ft (unless treated to remove pathogens)

No fertilizer (except corn starter) within 50 ft



Community/Municipal Well Buffer

No manure within 1000 ft (unless treated to remove pathogens)

Commercial nitrogen fertilizer is prohibited in the late summer or fall except on fall-seeded crops or in blends with other fertilizers, maximum application rate is 36 lb N per acre.



Sinkhole Buffer

No manure within 50 ft (200ft in Door County)

No nutrient application/fertilizer within 8 ft



Non-Metallic Mine Buffer

No manure within 50 ft

No fertilizer (except corn starter) within 50 ft



Bedrock Depth Less than 5 ft

Commercial nitrogen fertilizer is prohibited in the late summer or fall except on fall-seeded crops or in blends with other fertilizers, maximum application rate is 36 lb N per acre.

Nitrogen (N) Restricted Soils

Fall applications of commercial nitrogen are not allowed on these soils except for up to 36 lb N per acre on fall-seeded crops or in blends with other fertilizers.

Each soil type has additional restrictions as described below:

P (high permeability)

Fertilizer N in the spring and summer has to be applied in split applications with the majority post-planting or else applied with a nitrification inhibitor or in slow-release form.

Late summer or fall manure N is limited to 90 lb N/a for spring-planted crops (i.e. corn, soybean) and 120 lb per acre for all other crops. Fall applications before spring-planted crops should be delayed until soil temperatures are less than 50°F or October 1, whichever comes first. If the manure has 4% dry matter or less, applications must be surface-applied or use a nitrification inhibitor.

R (bedrock likely to be within 20 inches of the soil surface)

These soils have the same late summer and fall manure N guidelines as outlined above for P soils but do not have restrictions on spring or summer commercial fertilizer.

W (water table within 12 inches of the surface)

Late summer or fall manure N is limited to 120 lb per acre.

For fall-applied manure with 4% or less dry matter, the application is limited to 90 lb N unless one of the following is used: surface application; nitrification inhibitor; application to growing crop; cover crop established within 14 days; or application delayed until soil temperatures are less than 50° F or October 1, whichever comes first.



Exclusion Area

Area to not be included in nutrient management planning including areas not farmed such as vegetated buffers and grass filter areas

No application of nutrients in exclusion areas



County Identified Local Prohibitions

Farms in Door and Kewaunee Counties may have an area with local prohibitions and farms in Manitowoc County may have an area contributing runoff to a direct conduit to groundwater



County Defined Karst Features

Karst features considered direct conduits to groundwater as mapped by Brown, Door, Kewaunee, and Manitowoc Counties

No manure within 50 ft

No fertilizer (except corn starter) within 50 ft