

PERENNIAL CROP ROTATION SCHEDULE FORM

RIM DRINKING WATER

JULY 2025

INTRODUCTION

This form must be used for RIM Drinking Water Program Conservation Plans that utilize perennial crops. This is an attachment to the Conservation Plan and should be listed in the Supplemental Information Section of the Conservation Plan.

A minimum of 7 years of rotation must be planned, and up to 10 years may be planned. Once that time has ended, the landowner must work with the SWCD to develop a new Perennial Crops Rotation Schedule that must be reviewed and approved by BWSR. Any changes to this schedule **must** be collectively approved by BWSR and the SWCD prior to implementation.

Nitrogen fertilizer (organic or synthetic) allowances on common perennial crops are also outlined in this form. These limitations were developed based on University of Minnesota Extension guidelines.

Landowners may be required to supply fertilizer records annually to the SWCD.

NITROGEN LIMITATIONS

Annual nitrogen limitations are listed in the table below. Nitrogen application is not required, and no nitrogen application is preferred. Producers are not limited to the perennial crops listed in the table, but any alternative perennial crops will require prior approval from BWSR. Nitrogen fertilizer limitations for any alternative perennial crops not listed on this document will be developed on a case-by-case basis. Alternative nitrogen limitations **may** be considered on a case-by-case basis with guidance from Minnesota Department of Agriculture, Minnesota Department of Health, and the University of Minnesota Extension.

Perennial crop	Annual nitrogen limitation
Alfalfa	30 pounds/acre
Grass/legume mixtures	60 pounds/acre
Hay and pasture grasses	60 pounds/acre
Kernza®	80 pounds/acre
Native perennial grasses	60 pounds/acre

ANNUAL CROP

Following three years of a perennial crop, one year of an annual crop is allowed. This must be followed by another three years of a perennial crop, at a minimum.

No nitrogen is allowed on the annual crop except in forms of ammoniated phosphorus that do not exceed 40 pounds of nitrogen per acre.

Contact Sara Reagan (sara.reagan@state.mn.us), Easement Programs Coordinator, with questions.

PERENNIAL CROP ROTATION SCHEDULE

Easement number		Landowner name	
Practice area(s) and Practice type(s)			

	Year	Crop	Nitrogen limitation pounds/acre
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

By signing this Perennial Crop Rotation Schedule, I understand that:

1. Nitrogen application limitations as shown in the form **must** be followed.
2. No nitrogen is allowed on the annual crop, except in forms of ammoniated phosphorus that do not exceed 40 pounds of nitrogen per acre.
3. Any changes to this schedule **must** be collectively approved by BWSR and the SWCD prior to implementation.

Landowner signature and date	Cooperator signature and date (when applicable)

SWCD signature and date	BWSR approval