

WEST SOURIS RIVER CONSERVATION DISTRICT
P.O. Box 339
Reston, Manitoba R0M 1X0
Phone: (204)-877-3020

FORAGE FOR PROBLEM SOILS

Approved by Board Resolution # 103-06-06

OBJECTIVE:

The purpose of this program is to assist landowners in the establishment of forages on soils that may be unproductive under annual cereal cropping due to one or more of the following conditions:

- 1) Salinity
- 2) Flooding
- 3) Drought

PROGRAM DETAILS AND ELIGIBILITY

1. Deadline for applications will be June 1. Applications will be reviewed and approved by WSRCDC with the payout being in October.
2. Project land must be within West Souris River Conservation District Boundaries and applicant must approve consent of entry for inspection. Must not be eligible for or accepted by other existing programs.
3. Upon approval the applicant is eligible for \$10.00/acre to a maximum of \$400.00/farm with a minimum of 10 acres.
4. Application must be in landowners name and applicants are only eligible to apply every 3rd year.
5. Priority may be given to those who have attempted to improve soil conditions with the addition of manure or organic matter, reduced tillage or establishment of salt tolerant crops. The District also reserves the right to prioritize applications based on available funding and associated risks of that land classification.
6. Droughty soils refer to those classified as Class 4, 5 or 6 for capability for agriculture.
7. Planted forages must meet establishment criteria to be eligible for funding.

TERMS AND CONDITIONS

Terms and conditions vary depending on soil problem.

Problem specific conditions are as follows:

Salinity

- Landowner must soil test to determine severity of affected area prior to seeding.
- Affected areas must be moderately to severely saline (having an electrical conductivity of 4mmhos or greater)
- Forages having tolerance to salinity must be used. (See Appendix A-Recommended Forage Mixes)

Flood Prone Areas

- Forages having tolerance to extended flooding must be used. (See Appendix A)

Droughty Soils

- Forages having tolerance to soil moisture deficiencies must be used. (See Appendix A)
- Where wind erosion risk is high, measures must be taken to minimize the risk and conserve soil moisture.

GENERAL CONDITIONS

- Landowners must use recommended herbicides and fertilizers.
- Landowners shall not cultivate burn or otherwise damage established forage for a period of 5 years.
- Landowners will be required to replace at 100% cost if damaged as a result of owners neglect or misuse.
- WSRCD will inspect fields for emergence of forage in first year and may make annual inspections for a period of 5 years after establishment

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FORAGE FOR PROBLEM SOIL APPLICATION

Please Print

Name of Applicant _____

Complete Mailing Address _____

Telephone Number _____

Legal Description of Home: Quarter _____ Sec _____ Twp _____ Rge _____

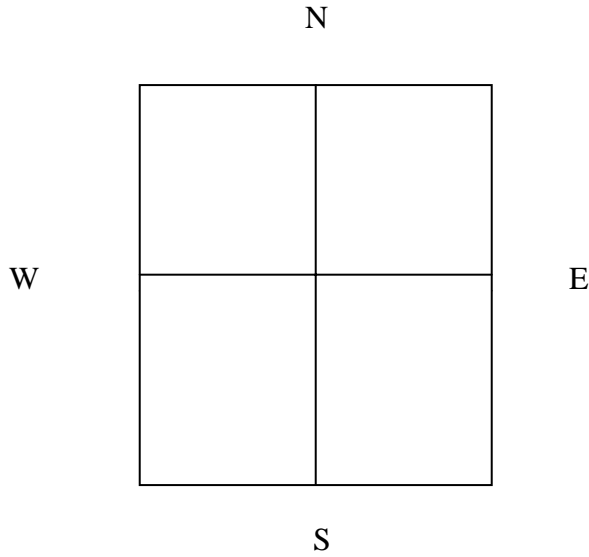
Legal Description of Affected Area: Quarter _____ Sec _____ Twp _____ Rge _____

R.M. of _____

Comments: Outline extent of problem and improvements to date, if any.

Salinity _____ Flooding _____ Drought Prone _____

Please indicate Problem Area on diagram of Section



No. Of Acres _____ Date of Anticipated Seeding _____

Seed Mixture	LBS/acre	Cost/acre

Soil Test Results (Salinity Applicants) _____

Electrical Conductivity (mmhos) _____

Please submit copy of invoices for the seed purchase or indicate if seed was purchased through the Conservation District Forage Seed Program

Cropping History

Give crop history for last 2 years and results of that year's cropping.

Last Year

Year Before

Crop _____ Yield _____

Crop _____ Yield _____

Other Comments:

I hereby declare that I have read and understand the terms and conditions of the Forage for Problem Soils Program and do hereby agree to abide by said terms and conditions if my application is accepted.

Signature of Applicant

Date

OFFICE USE ONLY

Sub District _____

Date Application Received _____

Approved

Not Approved

Comments/Conditions

Sub District Recommendation _____

Board Recommendations _____

Signature of Board Representative _____

Date of Application Review _____

RECOMMENDED FORAGE MIXES

SALINITY MIX

Mix #1	- (Moderately Saline 4-7 mmhos)	
	Sweet Clover	2lbs.
	Alfalfa (creeping root)	2lbs
	Russian Wild Rye	3lbs
	Slender Wheatgrass	3lbs
Mix #2-	(Severely Saline 7+ mmhos)	
	Tall Wheatgrass	4.5 lbs
	Slender Wheatgrass	4.5 lbs
	Alfalfa (Creeping Root)	2.5 lbs
	Sweet Clover	2.5 lbs

Other species with Salinity Tolerance include Altai Wild Rye and Tall Fescue

Flooded Areas

Recommend forages include: Tall Fescue, Reed Canary Grass, Timothy, Slender Wheatgrass, Meadow Fescue, Tall Fescue, Smooth Brome, Alfalfa, Sweet Clover.

Droughty Soils

Recommended forages include: Slender Wheatgrass, Russian Wild Ryegrass, Meadow Fescue, Tall Fescue, Smooth Brome, Meadow Brome, Alfalfa, Sweet Clover, and Crested Wheat Grass.