



**MANITOBA
CROP
ALLIANCE**

HERBICIDE RECROPPING RESTRICTIONS

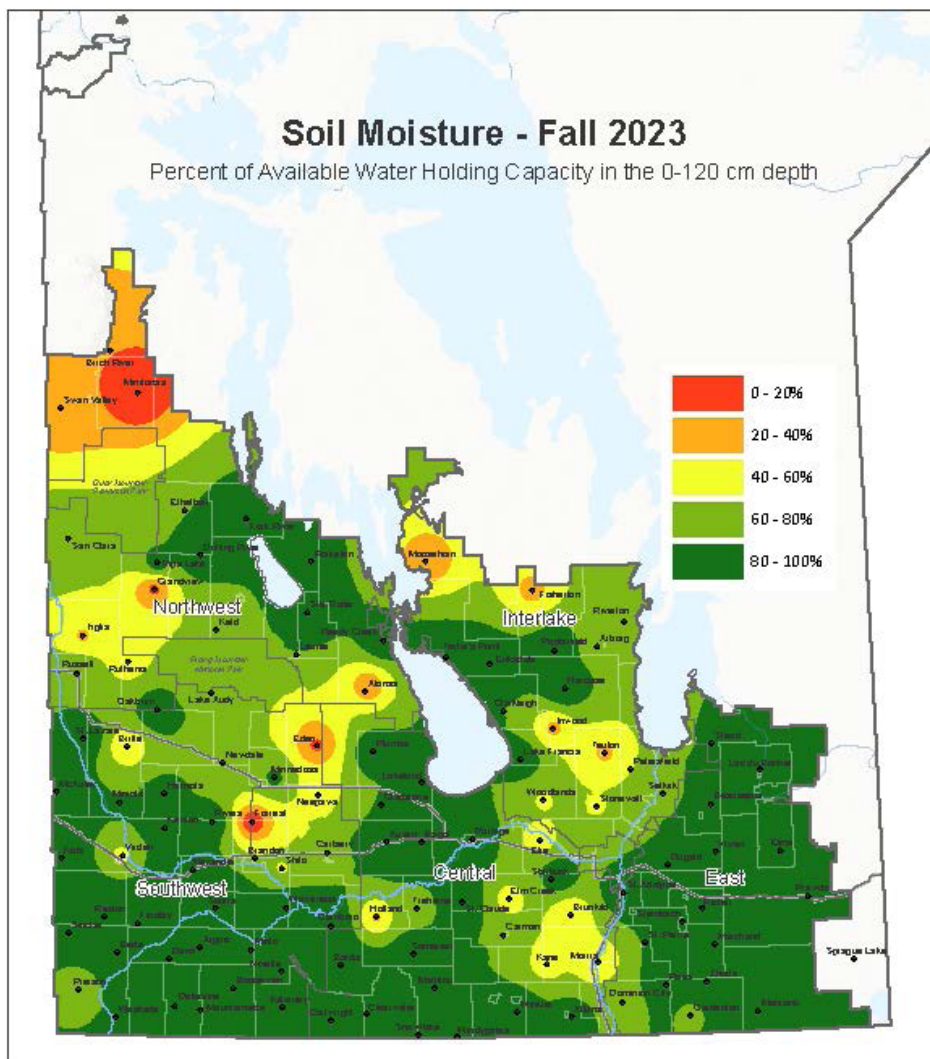
The 2023 growing season had very little precipitation accumulation across the province. September and October did see precipitation events that improved soil conditions and soil moisture. In late October 2023, the Available Water Holding Capacity was measured from 0 – 120 cm depth in over 100 locations across Manitoba to develop the map below. While most of the province was experiencing at or slightly below water holding capacity, there are areas that were significantly drier. Despite late season precipitation, there still may be concern with herbicide carryover for spring 2024, especially in those dry areas, and it is best to become familiar with recropping restrictions in each commodity.

Recropping restrictions are implemented to prevent crop damage following applications of residual herbicides. The following table is a guide for flax producers to identify any fields that should not be planted to the crop in a specific timeframe, following the application of the correlating herbicide. If tank mixes were applied, the most restrictive guidelines should be followed.

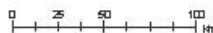
More information on soil residual herbicides can be found on page 94 of the [Guide to Field Crop Protection 2024](#).

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Figure: Manitoba Fall Soil Moisture Survey via Manitoba Agriculture: Percent of Available Water Holding Capacity in the 0 – 120 cm Depth. <https://www.gov.mb.ca/agriculture/environment/soil-management/manitoba-fall-soil-moisture-survey.html>



Prepared by Manitoba Agriculture, Ag-Weather Program
 This map represents soil moisture values measured by sensors buried at 5, 20, 50, and 100 cm at over 100 sites across Manitoba.
 Soil properties e.g. bulk density, field capacity & wilting point were as limited for each soil based on their physical characteristics.
 The amount of available water held by the soil will vary based on soil properties such as texture, organic matter and bulk density.
 Map provides a regional estimation based on weather observations from the Ag-Weather Program weather stations and should be supplemented by site-specific considerations for specific local areas, fields and soils.
 The accuracy of this map may vary due to data availability and potential data errors.
 For more information, contact your local Manitoba Agriculture office.



NOTE: Herbicide residue breakdown occurs through several processes in and on the soil. Chemical reactions, soil microbes and leaching are just a few methods of breakdown and are strongly favoured by warm, moist soil conditions (not achieved during spring thaw). If the applied field did not receive adequate precipitation during the growing season, the herbicide residual will remain, requiring re-cropping restrictions to be lengthened. Contact the associated company for more information and recommendations.

Product	Company	Recropping Restrictions for Flax
Aatrex, Primextra II Magnum	Syngenta Canada	1 year**
Ares	Corteva Agriscience	2 years
Authority Supreme	FMC Corporation	NO DATA, up to 3 years
Callisto 480 SC	Syngenta Canada	NR+
Certitude	BASF Canada	NR+
Clomazone		2 years
Dicamba		2 years+
Express FX	FMC Corporation	NR+
Fierce	Valent Canada/Nufarm Agriculture	NR+
Florasulam		1 year*
Imazamox/Imazethapyr		2 years*
Imazethapyr		NR+
Laudis	Bayer	NR+
Metribuzin		NR+
Metsulfuron (pH 7.0 – 7.9, all soils)		3 years
Metsulfuron (pH less than 7, Brown and Dark Brown soils)		2 years
OnDeck	Corteva Agriscience	NR+
Optica Trio	Loveland Products Canada	NR+
Option 2.25 OD	Bayer	NR+
Permit WG	Gowan Canada	NR+
Quinclorac		2 years
Reflex	Syngenta Canada	NR+
Rimsulfuron		NR+
Smoulder	BASF Canada	1 year**
Topramezone		1 year**

1 year: Can safely be grown the growing season following application.

2 years: Can safely be grown 2 growing seasons following application.

NR+: No recropping restrictions indicated for flax; farmer should conduct a field bio-assay to ensure crop safety and contact the company for more information.

*****: May not be supported for all products; refer to product label for details.

****:** May be longer depending on use rates, region, soil type, environment, time of application and crop variety.

++: In the brown soil zone, DO NOT seed flax for 22 months.

DISCLAIMER: The recropping intervals listed may not be sufficient to prevent crop injury during periods of below average precipitation. The information provided is only a guide. Manitoba Crop Alliance is not liable for any decisions made based on this information. Always refer to the product label for application details and precautions.

REFERENCES: Guide to Field Crop Protection, Manitoba Agriculture. 2024.



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