

Know the Market Impacts of Your Crop Protection Decisions

The **2021 Product Advisory** on the other side of this document outlines the market risks that can arise from using certain crop protection products on some crop types. **Growers are encouraged to review this information before proceeding with crop management plans.**

Products listed in the advisory may restrict marketing options due to missing or misaligned maximum residue limits (MRLs) in our export markets or market acceptance issues by certain buyers. Growers must be aware of these restrictions and take appropriate risk mitigation steps to ensure product residues remain below MRLs set by regulatory agencies.

WHAT CAN YOU DO TO MITIGATE RISK?

Ensure product residues remain acceptable for both domestic and export customers by following these tips:



1. USE ACCEPTABLE PESTICIDES ONLY

Only apply pesticides that are both registered for use on your crop in Canada and won't create trade concerns.

- ▶ **Consult with your grain buyer** to ensure the products you are using are acceptable to both domestic and export customers.
- ▶ **Refer to the Product Advisory** (other side) for information on market considerations and classifications of specific crop protection products.



2. ALWAYS READ AND FOLLOW THE LABEL

Always follow the label for application rate, timing and pre-harvest interval (PHI).

- ▶ **Rate:** Follow the product label application rate.
- ▶ **Timing:** Apply crop protection products only at the product label's recommended crop stage.
- ▶ **PHI:** Stick to the product label's PHI – the number of days between spraying and swathing or straight-cutting the crop.

“

I always have a copy of the Keep it Clean Product Advisory on-hand.

It's an important tool to help keep our crops market ready.

”

COREY LOESSIN | Radisson, SK
Canola, lentils, oats, peas and wheat



2021 Product Advisory

Be aware of market risks associated with these crop protection products/crop types.

CEREALS	OATS	WHEAT	MALT BARLEY	BARLEY		COMMENTS
Pre-harvest weed control						
Glyphosate (e.g. Roundup)	!	!	✗	!		Grain buyers will not accept malt barley if treated with pre-harvest glyphosate. Glyphosate is registered for pre-harvest weed control. Do not use as a desiccant. To prevent unacceptable residues in the harvested grain, only apply pre-harvest glyphosate when grain moisture content is less than 30% in the least mature part of the field. Consult with your grain buyer before using this product on oats and wheat. Some grain buyers may not accept cereal crops treated with pre-harvest glyphosate. Strictly follow the product label guidelines to minimize scrutiny in the global market place.
Saflufenacil (e.g. Heat Harvest)	NR	✓	✗	✓		Grain buyers will not accept malt barley if treated with saflufenacil.
Plant Growth Regulator						
Chlormequat (e.g. Manipulator)	✓	✓	!	✓		Check with your grain buyer to confirm contract obligations and acceptance before using chlormequat on malt barley .
PULSES	PEAS	LENTILS	CHICKPEAS	DRY BEANS	FABA BEANS	COMMENTS
Fungicide						
Chlorothalonil (e.g. Bravo ZN)	✓	✓	!	NR	NR	Consult with your grain buyer before using chlorothalonil on chickpeas . MRLs will be revoked in the EU and established at low levels.
Pre-harvest weed control						
Glyphosate (e.g. Roundup)	! MA	! MA	!	!	!	Glyphosate is registered for pre-harvest weed control. Do not use as a desiccant. To prevent unacceptable residues in the harvested grain, only apply pre-harvest glyphosate when grain moisture content is less than 30% in the least mature part of the field. Consult with your grain buyer before using this product on pulse crops. Some grain buyers may not accept pulse crops treated with pre-harvest glyphosate due to scrutiny in the global marketplace and low MRLs for some pulse crops in certain major markets.
Desiccant						
Glufosinate - Western Canada (e.g. MPower Good Harvest)	NR	✗	NR	NR	NR	Do not use glufosinate on lentils as a crop desiccant. There is an elevated risk of MRL-related trade disruption due to missing or very low MRLs in most major markets. Grain buyers will not accept treated lentils.
Glufosinate - Eastern Canada (e.g. Ignite)	NR	NR	NR	!	NR	Consult with your grain buyer before using this product on dry beans in Eastern Canada. MRLs are missing or set at low levels in most major markets.

PULSES PRODUCT UPDATE: Diquat (e.g. Reglone) has been removed from the advisory as MRL concerns have been resolved.

CANOLA PRODUCT UPDATE: Canola can be treated with metconazole (e.g. Quash) and quinclorac (e.g. Clever, Facet and Masterline Quinclorac). There are no market concerns with products registered for use on canola.

- ✓ No market risks identified in major markets. Treated crop accepted by most grain buyers.
- ! Be informed. Treated crop may not be accepted by some grain buyers. Consult with your grain buyer before using this product.
- ✗ Do not use. Treated crop will not be accepted by grain buyers.
- NR Not registered. Only use registered product.
- MA Market acceptance issue. Maximum Residue Limits (MRLs) are established in major markets but marketing risks may still be present.

Any updates to this product advisory will be posted at keepitclean.ca/product-advisory

