

Choosing a harvest aid isn't always easy. But with the right tips it can be.

Less waiting. More reaping.

Canola growers are switching from swathing to straight cutting across Western Canada. And it's clear why. Straight combining can speed up field operations for better efficiency and time management at harvest. Swathing can be difficult when covering large acres of canola at 60% seed colour change during the busy fall season.

And although several challenges can arise when canola is left to dry down naturally, the use of a pre-harvest herbicide can help you overcome them.

Check out your options.

No pre-harvest herbicide is created equal. Consider the strengths and weaknesses of each to find one that works for you.

	STRENGTHS	WEAKNESSES
Heat® LQ + glyphosate	<ul style="list-style-type: none"> • Contact and systemic activity • Minimum water volume – 10 gal/ac • Earlier application timing – 75% seed colour change • Effectively dries down all types of canola Roundup Ready® (RR), Clearfield® canola (CLC), LibertyLink® (LL) • Key weeds controlled: Canada thistle, quackgrass, perennial sow thistle, dandelion, narrow-leaved hawk's beard, foxtail barley, cleavers, volunteer canola and wild buckwheat • Relatively non-toxic and easy to handle 	<ul style="list-style-type: none"> • Requires glyphosate to dry down roots • Speed of dry down decreased under wet conditions and/or cold temperatures
Glyphosate	<ul style="list-style-type: none"> • Systemic activity • Perennial weed control • Less expensive • Key weeds controlled: Canada thistle, quackgrass, perennial sow thistle, dandelion, narrow-leaved hawk's beard, foxtail barley and wild buckwheat 	<ul style="list-style-type: none"> • Slower dry down than Heat LQ or Reglone • No efficacy on RR canola • Speed of dry down decreased under wet conditions and/or cold temperatures
Reglone®/ Reglone Ion	<ul style="list-style-type: none"> • Contact activity • Faster dry down • Rainfast in 15 minutes 	<ul style="list-style-type: none"> • Risk of locking in green seed due to rapid desiccation • Minimum water volume – 20 gal/acre • Later application timing – 90% seed colour change (can increase pod shatter and pod drop if harvest is delayed) • No registered tank mixes • Separate glyphosate pass required for weed control • High toxicological profile, can be harmful or fatal if swallowed, harmful if inhaled and causes substantial eye injury and skin irritation • Wear full protective equipment when handling



Heat® LQ

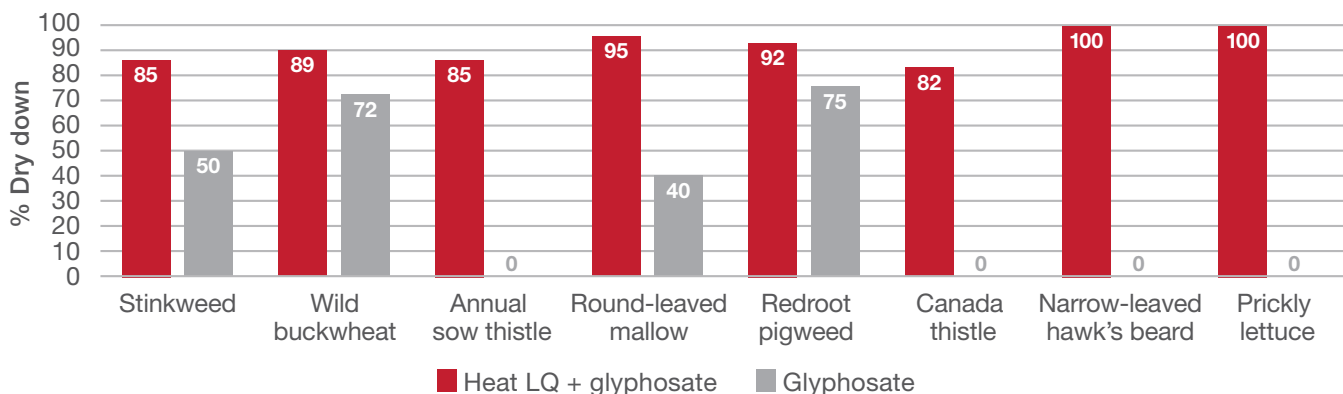
Powered by **Kixor®** Herbicide

BASF

We create chemistry

Effective management of several tough-to-control weeds

Weed dry down 4-22 days after treatment



Source: AgSolutions® Performance Trials, Western Canada, 2013-2014

Faster harvest. Better weed control.

Using a pre-harvest herbicide like Heat LQ provides faster, more complete crop and weed dry down, leading to improved uniformity with fewer green stems to plug the combine.

- Easy-to-use liquid formulation for fast dry down of crops and broadleaf weeds
- Improved crop uniformity and harvestability
- Tank mixed with glyphosate, for fast broadleaf weed dry down and cleaner fields next season
- Facilitates straight cutting canola



Source: AgSolutions Performance Trials, Swan River, MB, 2015

You asked questions. We've got answers.

Does Heat LQ reduce the effectiveness of glyphosate by burning down the leaves of the plant too fast?

Heat LQ does not compromise the weed control benefits of glyphosate. Heat LQ compliments glyphosate's activity and helps provide an alternative mode of action for a faster, more complete weed burndown.

How fast is Heat LQ compared to glyphosate alone in canola?

It's difficult to narrow down to a specific number of days because it depends on the weather, temperature and moisture. On average, Heat LQ plus glyphosate is 1.5-2 times faster than glyphosate alone. For example, if it takes glyphosate 21-28 days to dry down canola, the addition of Heat LQ will speed it up to 14-21 days, depending on weather conditions.

Does Heat LQ increase the risk of shattering canola?

BASF trials have not shown an increase in shatter risk when Heat LQ is applied pre-harvest to any herbicide-tolerant canola system.

Do I need to add glyphosate to Heat LQ if I'm straight cutting RR canola?

It's important to always add glyphosate when applying Heat LQ at pre-harvest for the weed control benefits. Without it, you won't dry down grassy weeds and you won't achieve perennial weed control for cleaner fields the following season.

Why don't I see a difference between untreated, Heat LQ – or glyphosate-treated fields?

It's important to walk through your fields and pull stalks. Heat LQ dries down the whole plant, not just the pods and that's where you'll notice the difference. By getting into the field you'll notice the stalks are brittle green compared to other treatments. Also, post-harvest is a great time to see the difference if there is an untreated spot in the field.

For more information or if you have any questions, please contact your BASF Sales Representative, visit agsolutions.ca/heatlq or call AgSolutions Customer Care at 1-877-371-BASF (2273).

Always read and follow label directions.

AgSolutions is a registered trade-mark of BASF Corporation; Clearfield is a registered trade-mark of BASF Agrochemical Products B.V.; HEAT, and KIXOR are registered trade-marks of BASF SE; all used with permission by BASF Canada Inc. MERGE is a registered trade-mark of BASF Canada Inc. © 2017 BASF Canada Inc.

REGLONE is a registered trade-mark of a Syngenta Group Company. Roundup Ready is a registered trade-mark of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. LibertyLink is a registered trade-mark of Bayer Intellectual Property GmbH.