



# CROPTALK

WHAT'S NEW  
WITH BAYER  
PRODUCTS



## New system tackles foxtail barley

**F**or the past 20 years wheat growers have increasingly struggled with foxtail barley, but a long-awaited innovative solution from Bayer is sure to make this a problem of the past.

Thriving in all kinds of soils and conditions, even areas of high salinity, foxtail barley is one of those difficult-to-control weeds that can wreak havoc on a wheat harvest. Not only does it have the ability to survive various herbicide applications, its rapid growth and prolific reproduction cycles can cause multiple flushes within the same season.

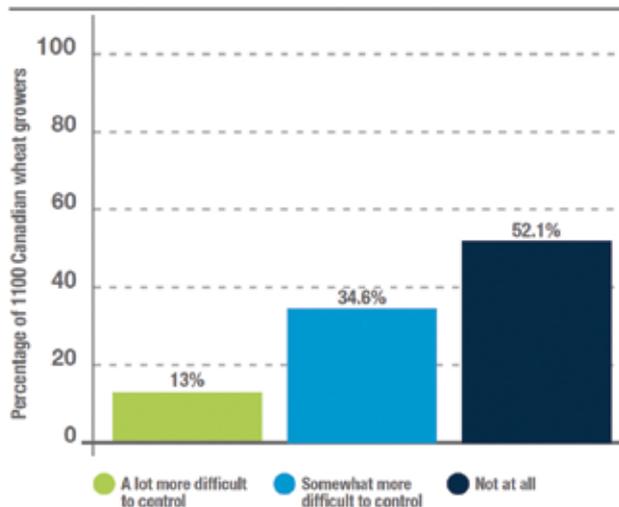
James Humphris, cereal crop manager for Bayer explains: "With its shallow root system, tillage used to be a reliable means of control, but with the movement towards zero-till over the past couple decades the foxtail barley situation has escalated significantly. The seedbank is overflowing with it." In fact, a recent survey of Canadian wheat growers shows that foxtail barley has become one of the most problematic and costly weeds across the Prairies with approximately 50 per cent of respondents indicating that it has become increasingly difficult to control over the last five years.

### It takes a system to break the cycle

Finally, wheat growers have a new tool to deal with this challenging weed. Introducing the NEW Olympus System. Simply tank-mix Olympus® with your pre-season Roundup® application and follow in-crop with your choice of Varro® or Velocity m3 herbicide for season-long control. "We've seen incredible results with our Olympus System trials and not just with foxtail barley", reports Humphris, "it also provides exceptional control of wild oats, Japanese brome, downy brome and other problematic weeds including volunteer canola, even if it's resistant to other herbicides. It also has excellent crop safety, making it a nice fit for growers who want to rotate to sensitive crops like pulses."

For more information, consult your local retail or Bayer representative or visit [cropscience.bayer.ca/Olympus](http://cropscience.bayer.ca/Olympus) for more details.

### PERCENTAGE OF WHEAT GROWERS HAVING DIFFICULTY WITH FOXTAIL BARLEY



\*Site Source: 2017 AGDATA Survey of 1100 Canadian Wheat Growers

## The end is here

Untreated versus the Olympus System



Untreated



Olympus + Roundup followed by Varro

PHOTOS: GETTY IMAGES



# Getting into the weeds, herbicide resistant ones

**W**hen properly used, herbicides continue to provide the most economical, consistent and effective method of weed control. However, the overuse of specific groups and the misuse thereof (off label rates, incorrect application, poor rotational practices, or improper application timing to name a few) have contributed to the rampant increase of herbicide resistance across the globe. At home in Canada, the problem is not much better, and one-by-one, growers are starting to lose some of their most trusted herbicide tools.

What has become clear to all stakeholders now is the need for greater education and a united front to prevent irreparable damage and ensure the future sustainability of farming.

While international groups like

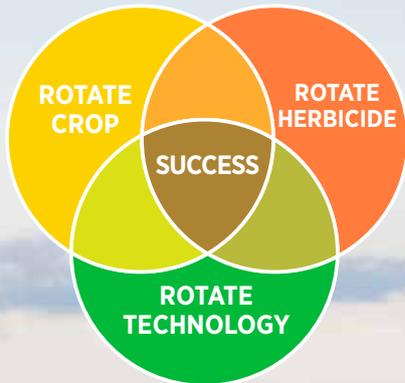


Herbicide Resistance Action Committee continue to promote awareness and monitor resistance levels around the world, Canadian growers can find the information they need through programs like **MixitUp.ca**.

A simple call to action and a valuable tool, **MixitUp.ca** is a dedicated resource designed to educate growers about the development of herbicide resistance, the impact of not addressing the issue and provides them with simple and effective strategies they can implement to help protect the future sustainability of their farms.

The goal is not to scare growers away from herbicides, but rather, educate on how to use them effectively as part of an integrated weed management (IWM) program. Simply stated, it promotes a multi-faceted approach that combines the best physical, chemical and biological practices available. A well implemented IWM program will ultimately suppress weed growth, limit the return of weed seeds into the soil seed bank and prevent the further spread of herbicide resistance to other areas.

Additionally, the site houses a suite of educational videos, presentations and advice from industry-leading experts, as well as printable resource tools like the *Herbicide Resistance Management Guide* from Bayer. For more information or to download the guide, simply visit **MixitUp.ca**.



1. Mix up your crop rotations
2. Mix up your herbicide modes of action
3. Mix up your crop production practices





## One Bayer

If you work in agriculture, then you are no stranger to consolidation. Larger farms and fewer growers is a trend mirrored in the crop protection industry today.

Bayer looks to provide even greater value to Canadian growers through its recent acquisition of Monsanto. "This considerable investment not only offers our grower partners a selection of innovative cropping solutions, it adds new technological resources and further increases our industry expertise, ultimately allowing us to better serve the needs of our customers," says Al Driver, president and CEO of Bayer CropScience Inc. in Canada.

In the interest of keeping all stakeholders well informed throughout the integration, Bayer is committed to transparency and providing timely updates as events warrant. "This is a good thing for Canadian



growers," says Driver. "In addition to the full lineup of trusted Bayer solutions, they will also receive complete access to a broad range of new innovations related to the acquisition. We remain dedicated to the success of our growers."

As the process of team integration begins, growers are encouraged to maintain existing relationships with both networks. "Our number one goal

is seamless transition and during this time you can expect our same high level of customer service and personal dedication to your business," adds Driver. Growers with questions or concerns can access additional information on the Bayer website, [AdvancingTogether.com](http://AdvancingTogether.com), on Twitter [@Bayer4CropsCA](https://twitter.com/Bayer4CropsCA) or contact the customer service centre at **1 888-283-6847**.



## BayerValue

### BayerValue/Hot Potatoes is taking you to Spain!

#### Join us for the 2020 BayerValue/Hot Potatoes Group Trip

Participating in the BayerValue/Hot Potatoes Rewards Program could take you to Spain in 2020. Enjoy a week filled with amazing scenery, delicious food and memories that will last a lifetime. Spots are limited, and it's open to all Eastern Canadian growers and Western Canadian horticulture growers. If you'd like to join us please contact us by **October 31, 2018**.

Visit [Hot-Potatoes.ca](http://Hot-Potatoes.ca) for more details or call **1 888-283-6847** to reserve your spot.



# Leading with expertise: Bayer SeedGrowth

When you have questions, we have answers

**A**s harvest draws to a close, you're probably already thinking about planning for next season's crop. Where to get your seed, what seed and which seed treatments to use are among the first decisions that you'll make and it's likely you'll have some questions.

The Bayer SeedGrowth™ team is here to help you with those questions. Drawing on over 100 years of seed treatment history and expertise, whatever your question, we'll find an answer for you — whether it's about products, equipment or just good old hands-on support.

"Our SeedGrowth team members are, or have been, farmers themselves so they know what goes into your seed treatment decision," says David Kikkert, crop & campaign marketing manager, soybeans and pulses at Bayer. "Every farm has different challenges and good products backed by excellent support can make a big difference to your success."

## Ensuring genetic potential

Each and every seed carries the promise of strong growth and great yield. "Helping that seed thrive and reach its full genetic potential starts with a seed treatment," says Kikkert. "It's the only way to protect seed from seed- and soil-borne disease to ensure the strongest emergence."

Bayer SeedGrowth carries a full line of proven seed treatment products for cereals, oilseeds, pulses, soybeans, corn and potatoes to protect against early season disease and insects, including:

- **Raxil®** for cereals provides unmatched contact and systemic protection against disease, including true loose smut and Fusarium graminearum.
- **Trilex® EverGol®** seed treatment fungicide for pulses has three powerful active ingredients that protect seed and seedlings against key early-season diseases, plus increased activity against Rhizoctonia and ascochyta blight. It is also available with Stress Shield® seed treatment insecticide offering protection against wireworm and pea leaf weevils.
- **EverGol® Energy** seed treatment fungicide for soybeans offering both contact and systemic activity against a wide range of diseases leading to faster emergence, healthier plants and higher yields.
- **Titan® Emesto®** seed treatment fungicide and insecticide provides

unrivalled disease and insect protection for potatoes. It provides two modes of action against Fusarium and the broadest spectrum of protection against insects.

"A lot can ride on making the right seed treatment choice for your crop, your field and the conditions," says Kikkert. "Everyone wants to see faster emergence, strong vigour and uniform growth, and the right seed treatment can help ensure that happens — not only by protecting young plants against early season pests, but also by ensuring your crop has a better chance against any unexpected stress conditions, like cool, damp soils."

Kikkert adds that accurate product application is key to seed treatment efficacy, and the Bayer SeedGrowth team can help you find the right equipment solution should you need it.

"Our goal is to help Canadian growers maximize their seed performance and protect their seed investment," says Kikkert. "If you have a question, we're ready to answer it."

Find out more at [cropscience.bayer.ca/seedgrowth](https://cropscience.bayer.ca/seedgrowth) or consult your local retailer or Bayer representative.



PHOTOS: THINKSTOCK



## As harvest progresses ...

**A**s you continue with harvest this fall you'll get an opportunity to see what worked and what you might like to change for next year as you monitor your yield, field-by-field, truck-by-truck, bin-by-bin.

There's a lot to consider, and the weather always plays a role. Having said that, there are some things you can control. If you're a long time user of one of these Bayer products listed, or if you tried one for the first time this year, we're confident you're on the right track.

- **Titan® Emesto®**, the number one potato seed-piece treatment in Canada, chosen by you, the potato grower
- **Serenade® SOIL**, a biological fungicide applied in-furrow, tested and proven to give you a yield bump

- **Velum® Prime**, an in-furrow nematicide that also offers in-season leaf disease protection
- **Luna® Tranquility**, a foliar fungicide that provides excellent leaf spot complex (early blight and brown leaf spot) protection including strains with reduced sensitivity to Group 11 and many other Group 7 fungicides. It also protects against white mould and black dot.

With harvest either in full swing or coming to an end, remember to be safe. If you have questions about any Bayer products visit [cropscience.bayer.ca](http://cropscience.bayer.ca) or contact your Bayer representative.