

Clubroot won't quit. Neither will we.

Sustainability of the Canadian canola industry is as important to us as it is to you. Together, we can work to minimize the impact of clubroot with an integrated pest management (IPM) strategy that includes:

- Extend canola **rotation** to a minimum of once every three years when possible
- Using **sanitation** and **patch management** to limit the movement of infected soil
- Control volunteer canola and other **brassica weeds** like wild mustard, stinkweed, and Shepherd's purse that can act as hosts for the disease
- **Scouting** to identify the presence of the disease
- Utilize clubroot-resistant **genetics** as part of an IPM strategy

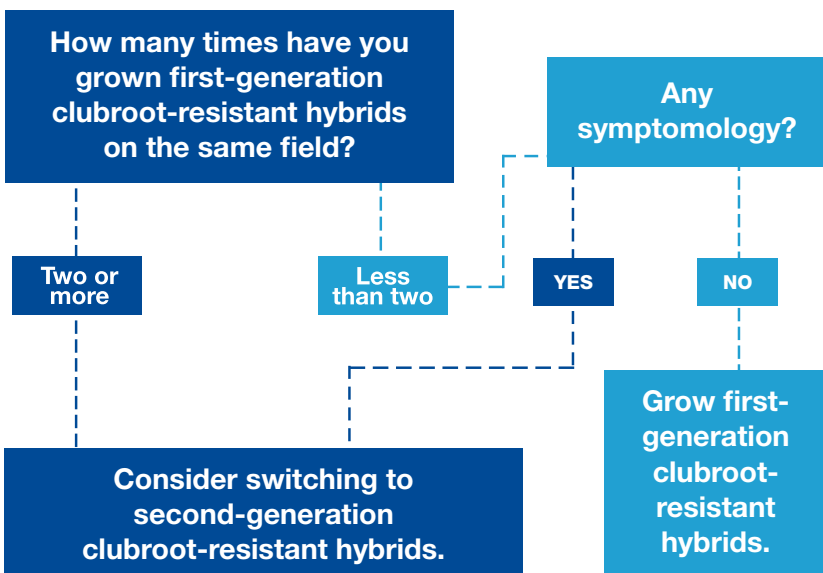
You can have it all.

Since InVigor® hybrid canola began introducing its clubroot-resistant hybrids, they've been seeded on more than 63 million acres across Canada.

When growing clubroot-resistant hybrids, we recommend using first-generation clubroot-resistant hybrids in clubroot-affected areas until no longer effective (clubroot symptoms appear), then consider switching to second-generation clubroot-resistant hybrids. All clubroot-resistant InVigor hybrids have been developed to be resistant to the most predominant clubroot pathotypes found in Canada at the time of their registration.

Selecting a second clubroot-resistant option

Check out our easy-to-follow decision tree:



All agronomic recommendations include thorough scouting and implementing a strong integrated pest management strategy.

First-generation clubroot-resistant hybrids:

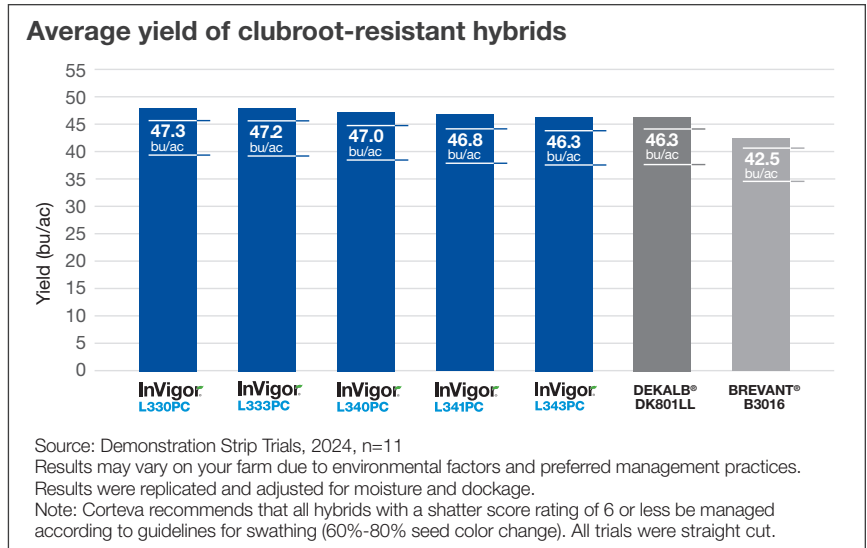


Second-generation clubroot-resistant hybrids:



Clubroot-resistant InVigor hybrids are yield leaders.

We're committed to providing leadership and support to the industry so that growers can manage clubroot without sacrificing yield potential. See the performance of clubroot-resistant hybrids in our 2024 Demonstration Strip Trial program. Clubroot-resistant InVigor hybrids come with our patented Pod Shatter Reduction technology to help them perform to their full potential across varying conditions.



Leading the fight against clubroot.

Our robust clubroot-resistant¹ genetics can help give you exceptional yield potential. In challenging situations where second-generation hybrids are required, you can be confident in choosing clubroot-resistant hybrids for your fields.

3H, 3A,3D are the most commercially important pathotypes in Western Canada².

| | | Predominant clubroot pathotype resistance test results | | | | | | | | | | | | | | |
|-----------------------------|---|--|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| InVigor clubroot resistance | InVigor hybrid(s) | 2F | 3H | 5I | 6M | 8N | 3A | 3D | 5X | 2B | 8E | 8P | 5G | 9C | 9E | 11A |
| First generation | InVigor L330PC InVigor L333PC InVigor L340PC InVigor L345PC InVigor L350PC InVigor L356PC InVigor L355PC InVigor Health L358HPC InVigor Choice LR354PC | R | R | R | R | R | S | S | S | S | S | S | S | S | S | T |
| Second generation | InVigor L341PC InVigor L343PC | R | R | R | R | R | R | R | R | R | R | R | R | T | R | T |

¹ All clubroot-resistant InVigor hybrids have been developed to be resistant to the most predominant clubroot pathotypes found in Canada at the time of their registration.

² Source – Hollman et al. 2023. Characterization of P. brassicae pathotypes from western Canada 2019-2020

S Susceptible **R** Resistant **T** Testing

See for yourself how clubroot-resistant hybrids performed in your area at [InvigorResults.ca](https://www.invigorresults.ca).

To learn more, visit [agsolutions.ca/clubroot](https://www.agsolutions.ca/clubroot) or call **AgSolutions**® Customer Care at 1-877-371-BASF (2273).

Results may vary on your farm due to environmental factors and preferred management practices.



Always read and follow label directions.

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