

Canola solutions.



Our complete line of canola crop protection solutions can help you harvest even greater success. Learn how each of our products supports your InVigor hybrid canola right from the start to help maximize yield potential.

Liberty® 200 SN
Herbicide

Safeguard the yield potential of your InVigor canola with the powerful protection of Liberty® 200 SN herbicide. The Group 10 chemistry helps you tackle tough weeds and manage resistance.

SELECT®
Herbicide

Select® herbicide protects against grassy weeds with one post-emergent pass. It tank mixes easily with Liberty 200 SN for enhanced grassy weed control in your InVigor hybrid canola.

Cotegra®
Fungicide

Cotegra® fungicide combines the two leading active ingredients that target sclerotinia to provide the new standard of protection, preserving the yield potential of your InVigor canola.

Eragon® LQ
Powered by Kixor® Herbicide

With Eragon® LQ herbicide pre-harvest, you can expect easier cutting of your canola and increased harvest productivity to reduce stress at a busy time of year.

To learn more, visit agsolutions.ca or call **AgSolutions®** Customer Care at 1-877-371-BASF (2273).

InVigor®

BASF
We create chemistry

Always read and follow label directions.

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InVigor®

BASF
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INVIGOR
HYBRID CANOLA
Eastern Canada

Often imitated, never duplicated.

With high yields, exceptional performance, industry-leading Pod Shatter Reduction and clubroot-resistant technologies, the proof is in the bin. InVigor® hybrid canola has been grown on over **160 million acres** across Canada since being launched—**30 million** of these acres have harnessed our patented Pod Shatter Reduction technology and **12 million** of these acres have used our clubroot-resistant genetics. With all of this in mind, InVigor has contributed greatly to the success of the Canadian canola industry, and its valued growers.

Last year we introduced a whole new series of InVigor hybrids: the 300 series. These hybrids demonstrated such unprecedented levels of performance that they deserved a whole new series. This year we're introducing a new hybrid that encompasses what it means to be a 300 series InVigor hybrid from BASF. Welcome InVigor L357P to the InVigor family.

The 300 series grows.

NEW
InVigor®
L357P

A **thrilling** addition to the 300 series. A **Pod Shatter Reduction** hybrid built for growers looking to push **higher yields** in non-clubroot affected areas and offers **very strong standability**. This hybrid also features the added benefit of **exceptional blackleg resistance**.

Yield	112.9% of the new checks (InVigor L233P and Pioneer® 45H33) in 2018/2019 WCC/RRC ¹ trials 109.7% of InVigor L233P (n=39 trials, 2018/2019)	Traits	Patented Pod Shatter Reduction technology Exceptional blackleg resistance
Standability	Very strong	Maturity	1/2 day later than InVigor L252
Growing Zones	Mid to long growing zones	Blackleg	R – Blackleg resistant (Very strong)

InVigor®
L345PC

InVigor L345PC offers a significant jump in yield potential over InVigor L233P and features our patented Pod Shatter Reduction technology plus first generation clubroot resistance.² This hybrid is suitable for all growing zones.

Yield	111.9% of the checks (InVigor 5440 and Pioneer® 45H29) in the 2017/2018 WCC/RRC trials 111.4% of InVigor L233P (n=28 trials, 2018)	Traits	Patented Pod Shatter Reduction technology First generation clubroot resistance
Standability	Strong	Maturity	1 day earlier than InVigor L252
Growing Zones	All growing zones	Blackleg	R – Blackleg resistant

InVigor[®] L255PC

InVigor L255PC offers Pod Shatter Reduction and first generation clubroot resistance and separates itself from other hybrids due to its very impressive standability. A great fit for growers in the mid to long growing zones.

Yield	109% of the checks (InVigor 5440 and Pioneer [®] 45H29) in 2016 WCC/RRC trials	Traits	Patented Pod Shatter Reduction technology First generation clubroot resistance
Standability	Very strong	Maturity	1.5 days later than the average of the checks
Growing Zones	All mid to long growing zones	Blackleg	R – Blackleg resistant

InVigor[®] L234PC

Featuring Pod Shatter Reduction technology and second generation clubroot resistance, this hybrid is a great fit for growers in known clubroot-affected areas. We recommend growing InVigor L234PC with second generation clubroot resistance after two cycles of growing first generation clubroot-resistant hybrids in clubroot-affected areas or when clubroot symptoms are noticed in first generation clubroot-resistant hybrids (whichever comes first).

Yield	104% of the checks (InVigor 5440 and Pioneer [®] 45H29) in 2017 WCC/RRC trials	Traits	Patented Pod Shatter Reduction technology Second generation clubroot resistance
Standability	Strong	Maturity	3 days earlier than the average of the checks
Growing Zones	All growing zones	Blackleg	R – Blackleg resistant

InVigor[®] L233P

A strong performer, InVigor L233P was grown on more acres in Canada than any other canola hybrid in 2019 and 2020.³ Featuring patented Pod Shatter Reduction technology, this very early-maturing, high-yielding hybrid provides the harvest flexibility you can count on.

Yield	108.8% of the checks (InVigor 5440 and Pioneer [®] 45H29) in 2014/2015 WCC/RRC trials	Traits	Patented Pod Shatter Reduction technology
Standability	Strong	Maturity	Over 3 days earlier than the average of the checks
Growing Zones	All growing zones	Blackleg	R – Blackleg resistant

Please note: Maturity and standability are based on performance ratings and data compiled from several InVigor internal trials over multiple years. Results may vary on your farm due to environmental factors and preferred management practices.
n=number of balanced trials.

¹ Western Canadian Canola/Rapeseed Recommending Committee.

² To predominant clubroot pathotypes found in Canada at the time of registration. InVigor L345PC and InVigor L255PC share the same first generation clubroot resistance profile. InVigor L234PC has this resistance profile plus it contains second generation multigenic clubroot resistance to additional clubroot pathotypes to help combat evolving clubroot pathotypes.

³ 2019 and 2020 BPI (Business Planning Information) data.

Get the most out of InVigor.

Extensive research trials conducted by the BASF Agronomic Excellence team show that a target plant population (TPP) of **5 to 7 plants/ft²** helps optimize the yield, consistency and performance of InVigor hybrid canola.

Benefits of a targeted plant population (TPP).

- Increased plant productivity and yield performance
- More efficient use of available resources
- Improved weed control and reduced intra-crop competition
- Elevated stress tolerance
- More even maturity and uniform plant structure
- Improved lodging resistance and lower sclerotinia incidence

Five advantages of InVigor RATE packaging.

- Optimized yield:** Targeting an optimal plant population that will allow InVigor hybrids to perform even more consistently
- Simplicity:** Seeding rate recommendations make it easier to achieve 5 to 7 plants/ft²
- Planning:** Easier to predict the number of bags needed and cost, since each bag will seed the same number of acres
- Consistency:** Each bag contains a similar number of seeds
- Easy to understand:** The TSW ranges and recommended seeding rates are clearly marked on the bag, making it simple to calibrate your drill

InVigor RATE – A better bag of seed.



InVigor seed count packaging makes it easier to achieve 5 to 7 plants/ft². It features four different thousand seed weight (TSW) ranges and recommended seeding rates for seeding approximately 10 acres per bag. Make sure you calibrate your seeding equipment according to the TSW range listed on your seed bag.

BAG RANGE		A	B	C	D
RECOMMENDED SEEDING RATE¹ LBS/AC		4.2 (~10 SEEDS/FT ²)	4.7 (~10 SEEDS/FT ²)	5.2 (~10 SEEDS/FT ²)	5.7 (~10 SEEDS/FT ²)
TSW RANGE (GRAMS)		4.0–4.4	4.5–4.9	5.0–5.4	5.5–5.9
BAG WEIGHT	LBS	42.2	47.0	51.8	56.7
	KG	19.1	21.3	23.5	25.7
# OF SEEDS/BAG		MINIMUM 4.25 MILLION SEEDS			
SEEDS APPROXIMATELY 10 ACRES PER BAG					

FACT: InVigor RATE packaging offers growers more seed per bag for all TSWs greater than 5.0g than traditional 50 lbs bags.

¹Recommended seeding rates are calculated according to seeding approximately 10 seeds/ft² and an average survivability of 60% to achieve 6 plants/ft². Results may vary on your farm due to environmental factors and preferred management practices.

To learn more about InVigor RATE, visit agsolutions.ca/InVigorRATE.