

**2024
Seed
Guide**

Eastern Canada

Table of Contents

Categories	Pages
 2	2
 10	10
 16	16
 20	20
 22	22

Are you considering growing conventional soybeans in 2024?

Farming the land takes equal parts passion and hard work. A bountiful harvest will yield both pride and profit. This is even more true when you grow conventional soybeans.

Rising world demand for food-grade soy and the premium prices that come with it make it a choice option when planning your next growing season. Our local soybeans, with their superior nutritional qualities, are carving themselves an enviable niche on international markets. More than ever, conventional soybeans are becoming a lucrative business decision for 2024.

Prograin is a leader in the conventional soybean market. We have been developing high-yield varieties that are adapted to your climate since 1986.

Won't you join us?

To help demystify conventional soybean production, turn to page 8-9 of this Seed Guide.



Quali-Pro®

Specialty seeds
to increase
your profitability

A variety
that will amaze you
with its stability
and yield

Hola

2675 CHU (RM 0.5) High Protein



- ✓ Very productive secondary branches
- ✓ Strong stem with outstanding standability
- ✓ Good plant fertility and good yield stability

« Variety that stood out in our mixed plots (GMO vs conventional) in 2022 »

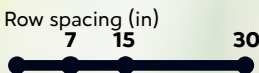
Maxime Gratton, agr.
District Sales Manager, Western Québec



Management Pointers

- Prefers 15" spacing
- Performs well in all crop management systems
- Plant in all soil types

Phytophthora: Rps 1c/3a
SCN: Sensitive



Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9



Semi-bushy
Medium-tall

NEW

Liska

91

2400 CHU (RM 00.3) High Protein

○

○

○ Excellent yield potential in its maturity group

○ An impressive looking plant all season long

Management Pointers

- Best results when seeded at 22 in spacing or less
- Plant in highly fertile soils for optimal yield

Row spacing (in)

7 15

An early season, high yielding variety that will impress!

○

○

○

Phytophthora: Good natural tolerance

SCN: Sensitive

Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

NR

○

○

Semi-bushy

Medium-tall

NEW

Nala*

91

2550 CHU (RM 0.0)

○

○

○ Variety with excellent standability

○ Top yield in RGCQ (1 year and 2 year summary)

○ Great white mould tolerance

Management Pointers

- Plant in all soil types
- Plant in fertile well-structured soil

Row spacing (in)

7 15

Variety with strong yield potential for it's maturity

○

○

○

Phytophthora: Rps 1c

SCN: Sensitive

Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

1 2 3 4 5 6 7 8 9

○

○

Medium slender

Medium-tall

NEW

Koa

91

2475 CHU (RM 00.8)

○

○

○ Variety that branches and has excellent standability

○ Has an excellent appearance in the field

Management Pointers

- Good yield in high density populations
- Prefers 7" to 15" spacing
- Plant in all soil types

Row spacing (in)

7 15

New variety that will impress with it's stability in early maturity areas

○

○

○

Phytophthora: Rps 1c

SCN: Sensitive

Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

NR

○

○

Semi-bushy

Medium-short

Hana

91

2575 CHU (RM 0.1) High Protein

○

○

○ High yield potential and stable year after year

○ Robust stem, excellent standability

○ Very good Sclerotinia tolerance

Management Pointers

- Prefers 15" spacing
- Grow in either conventional or organic crop management systems
- Plant in all soil types

Row spacing (in)

7 15 30

PREFERRED FOR
organic
PRODUCTION

This hardy variety dominates agronomically and financially

○

○

○

Phytophthora: None

SCN: Sensitive

Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

1 2 3 4 5 6 7 8 9

○

○

Medium slender

Medium-short

Maya

91

2475 CHU (RM 00.7) High Protein

○

○

○ The perfect variety for producers in an early zone who want to initiate themselves to non-GMO soybeans

○ Fantastic early season growth producing large trifoliates

○ A robust stem, excellent standability and very good spring vigour

○ It is often said that the look does not replace performance, but this variety brings the two together!

Management Pointers

- Plant in loamy and clay soil
- Pay particular attention to very fertile soils with manure management
- Prefers 15" spacing or less

Row spacing (in)

7 15

Performs well agronomically and financially in early maturity zone

○

○

○

Phytophthora: Rps 1c

SCN: Sensitive

Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

1 2 3 4 5 6 7 8 9

○

○

Medium slender

Medium-short

Alynatto

91

2650 CHU (RM 0.5) Natto

○

○

○ High yield potential with high profitability

○ Adapted to all soil types

○ Good standability and healthy plant all season long

Management Pointers

- Pay particular attention to seed drill and combine adjustments
- Sow in approximately 1" deep and roll afterward
- Plant in fertile soil

Row spacing (in)

7 15

Ultra-high-performing Natto variety offers great stability

○

○

○

Phytophthora: None

SCN: Sensitive

Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

1 2 3 4 5 6 7 8 9

○

○

Semi-bushy

Medium-short

4 ○ 2024 Seed Guide — Eastern Canada

* Awaiting registration

QualiPro® ○ 5

Aya

2675 CHU (RM 0.5) High Protein

- Best variety for *Phytophthora* in our trials
- Performs well in low population environments
- Production of large leaves early in the season helps close the canopy quickly

Management Pointers

Well adapted to all types of spacing
Pay particular attention to very fertile soils and the calibration of the seed drill (large seed)

PREFERRED FOR
organic
PRODUCTION



High-protein Quali-Pro variety, which will compete with the best performance in the IP range



Semi-bushy
Medium-tall

- Phytophthora: Rps 3a
SCN: Sensitive
- Standability
1 2 3 4 5 6 7 8 9
- Sclerotinia tolerance
1 2 3 4 5 6 7 8 9
- Stability – adaptability
1 2 3 4 5 6 7 8 9
- Vigour for no-till
1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

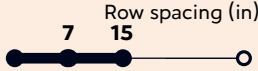
Black Gold

2750 CHU (RM 0.8) Black Soybean

- Medium-tall plant best suited for 15" rows or less
- Yield similar to a Natto type
- Very exciting marketing program

Management Pointers

Sow in well-structured, well-drained soil
Monitor seeding depth, aim for 1"
Pay careful attention to cleaning the seeder and combine
Prefers intensive crop management



Black seed coat & green pulp: a variety unique to Canada



Medium slender
Medium-tall

- Phytophthora: NA
SCN: NT
- Standability
1 2 3 4 5 6 7 8 9
- Sclerotinia tolerance
1 2 3 4 5 6 7 8 9
- Stability – adaptability
1 2 3 4 5 6 7 8 9
- Vigour for no-till
1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

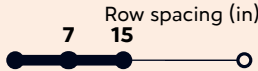
Quenatto

2700 CHU (RM 0.6) Natto

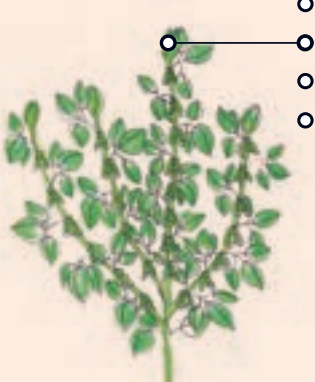
- Most economical seed cost on the market
- Medium-tall plant, with good stem and excellent standability
- Stable performance since its introduction

Management Pointers

Plant in fertile well-structured soil
Sow in 1" deep
Pay particular attention to seed drill and combine adjustments



Superior Natto-type yield



Semi-bushy
Medium-tall

- Phytophthora: None
SCN: Sensitive
- Standability
1 2 3 4 5 6 7 8 9
- Sclerotinia tolerance
1 2 3 4 5 6 7 8 9
- Stability – adaptability
1 2 3 4 5 6 7 8 9
- Vigour for no-till
1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

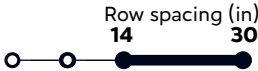
Hakata

2750 CHU (RM 0.9) Tofu

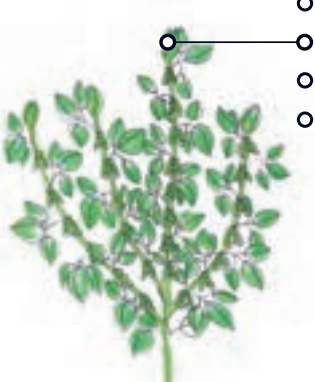
- Good-sized plant, well adapted to 30" spacing
- Good standability and good spring start
- Profitable yield and marketing program

Management Pointers

Plant in fertile well-drained soil
Sow 1.5" deep
Pay particular attention to seed drill calibration and performance (large seed)



Leading variety on export markets for tofu production



Semi-bushy
Medium-tall

- Phytophthora: Rps 1c
SCN: Sensitive
- Standability
1 2 3 4 5 6 7 8 9
- Sclerotinia tolerance
1 2 3 4 5 6 7 8 9
- Stability – adaptability
1 2 3 4 5 6 7 8 9
- Vigour for no-till
1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

Our high profitability soybean lines

Quali-Pro Soybean

- Highly competitive fixed variety premiums*
- Paid storage*



Transportation allowance*



Exclusive privileges



Unparalleled technical service



Peace of mind protection

*Some conditions apply.

Organic soybeans, a crop that pays off

Benefit from numerous advantages, including the option to maximize your crop buyback.

PREFERRED FOR
organic
PRODUCTION

IP Soybean



Superior performance



Competitive fixed variety premiums



Logistics service adapted to your needs

CLUB
Quali-Pro®
Stand out from the crowd!

When you qualify for the Quali-Pro Club, you benefit from numerous privileges:

- Priority access to new varieties developed by Prograin, and to certain events
- Technical training, cost-of-production exercise and much more
- Every 2-year event to celebrate the efforts and performances of the members of the Quali-Pro club



Demystifying conventional soybeans

Producing food-grade soy comes with challenges, but it also brings a well-deserved sense of pride and distinctly superior revenues.

Still, many myths persist about IP production.

Maybe it's time to set the record straight.

Q. Is it true that conventional soybean yields are lower than the yields from GMO varieties?

A. **NO**, thanks to the past 40 years of genetic development conducted at our research center, Prograin currently markets conventional soybean varieties that rival GMO soybean yields.

The Wilma variety, for example, has a yield of 4876 kgs/ha.

By comparison, four GMO varieties with the same maturity have an average yield of 4602 kgs/ha¹.

Sylvain Legay
Research and Development Manager

Q. Is it true that growing conventional soybean crops is difficult?

A. **NO**, conventional crop production is not difficult, but it does require special attention. Prograin has expertise which it is happy to share in this regard. Whether for weed control, pest and disease management, yield maximization through optimal positioning of a variety in your fields, or harvest aid, our goal is to help you maximize your profitability.

Philippe Lemaître, agr.
Technical Manager of Seed production

Q. Is it true that growing conventional soybean does not pay as well because of the high cost of herbicide?

A. **NO**. Rising world demand for food-grade soy has led the premiums for this product to soar.

Take the time to conduct your own profitability study; it will clearly show that this type of crop, despite the herbicide costs, is a way to optimize your revenues.

In 2022, producers who grew a conventional soybean variety developed by Prograin netted over \$133 per acre in additional revenues, compared to a GMO² soybean crop.

Alexandre Tessier, agr.
District Sales Manager, Eastern Canada

Download
the calculator



DO THE MATH

Producing Food Grade soybeans pays off!
We recommend that you conduct an annual profitability study that includes variety bonuses and other programs offered by Prograin. It is very simple, and an exercise that can be very profitable!

	Example	Conventional	GMO
Variety			
Yield (t/acre)			
Revenues			
Base price (base + CBOT*)			
Variety Premium (\$/tonne)			
Early Signing Premium (\$/tonne)			
Transportation Allowance (\$/tonne)			
* \$/bu X 36,744 bu/tonne = \$/tonne			
(Add income types) and multiply by expected yield (*) X = □			
Gross Revenues (\$/ac)			
Calculate the seed cost			
Seed cost (\$/bag)			
Bag size			
Seeding rate/ac			
(Multiply the seed cost by the seeding rate/ac and divide by the bag size (*) / = □			
Seed cost (\$/ac)			
Expenses			
Seed cost (\$/ac)			
Herbicide spraying cost (\$/ac)			
Transportation cost/tonne			
(Multiply the transportation cost/t by the yield (t/ac)), then add this cost with the seeding cost and herbicide spraying cost (*) + = □			
Expenses (\$/ac)			
Subtract expenses from income to obtain the net margin per acre (□ - □) = □			
Net Margin (\$/ac)			
Differentiate between the two net margins to obtain the superior net income of the conventional (□ - □) = □			
Superior Net Income (\$/ac)			
Do not hesitate to contact your representative or a member of the Prograin team!			

In short, growing conventional soybeans is a task that demands special attention, yet promises an extremely attractive return.

It is time to go back to the source, why not make the leap?

¹ RGCQ 2-year summary, 2800C and 2800R.
² Calculations based on the difference in net revenue from growing ATENA and MIKO R2 varieties.

Our IP seed line ranks among the best according to results from the *Réseau Grandes Cultures du Québec* (RGCQ) and the Ontario Soybean Variety Trials (OSVT).



First class
in profitability

Dominant variety in its maturity zone

Wilma

2750 CHU (RM 0.8)



Expert Notes

- ✓ Explosive yielding variety whether planted in 15 inch or wide rows
- ✓ Best variety in RGCQ and in OSACC for the last 2 years
- ✓ Geographically widely adapted to Eastern Canada regions

« *Exceptional performance will meet all your expectations!* »

Florent Pigrée

District Sales Manager, Eastern Québec



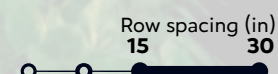
Management Pointers

Reduce populations in light and fertile soils

Plant in all soil types

Prefers 15" to 30" spacing

Phytophthora: Rps 1c/3a
SCN: Sensitive



Standability

1 2 3 4 5 6 7 8 9

Sclerotinia tolerance

1 2 3 4 5 6 7 8 9

Stability – adaptability

1 2 3 4 5 6 7 8 9

Vigour for no-till

1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing

1 2 3 4 5 6 7 8 9



Semi-bushy
Medium-tall

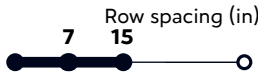
Siberia

2375 CHU (RM 00.2)

- Strong and stable performer in early maturing zone
- Good standability
- Great opportunity to raise the profitability of soy in northern zones

Management Pointers

- Plant in well-drained soil
- Prefers seeding in narrow spacing
- Good yield in high density populations



Slender
Medium-short

Top-performing variety in zones with 2500 CHU or less

Phytophthora: Rps 1a
SCN: Sensitive

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
NR

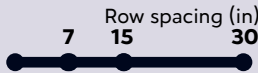
Asana

2700 CHU (RM 0.6)

- Very productive secondary branches
- High yield potential

Management Pointers

- Plant in loamy, fertile and well-structured soil
- Prefers 15" spacing



Semi-bushy
Medium-tall

Valued by growers and international buyers

Phytophthora: Rps 1c
SCN: Sensitive

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

Marula

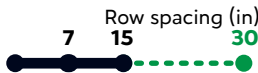
2700 CHU (RM 0.6)

- Heathly plant all season long even in tougher conditions
- Offers stability and performance in all environments

Management Pointers

- Plant in all soil types
- Grows in any crop management systems (Very popular with organic growers)
- Prefers 15" spacing and 30" in organic production only

PREFERRED FOR
organic
PRODUCTION



Semi-bushy
Medium-tall

In high demand since its introduction and prized for its great stability

Phytophthora: Rps 1c
SCN: Sensitive

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

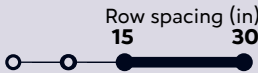
Ezra

2725 CHU (RM 0.8)

- Top performance in all trials of previous years
- Very vigorous plant and good standability
- Good Sclerotinia tolerance

Management Pointers

- Plant in all soil types
- Grow in any crop management system
- Prefers 15" to 30" spacing



Semi-bushy
Medium-tall

Proven performance since its introduction

Phytophthora: Rps 3a
SCN: Sensitive

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

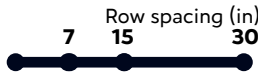
Acuna

2775 CHU (RM 0.9)

- Similar height to Ezra
- Very fertile plant with above-average number of nodes
- One of the top varieties in RGCQ 30" row trials (2 year summary)

Management Pointers

- Well adapted to all types of spacing
- Plant in loamy soil



Semi-bushy
Medium-tall

Variety with high yield potential and standability you dream about

Phytophthora: Rps 1c
SCN: Sensitive

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

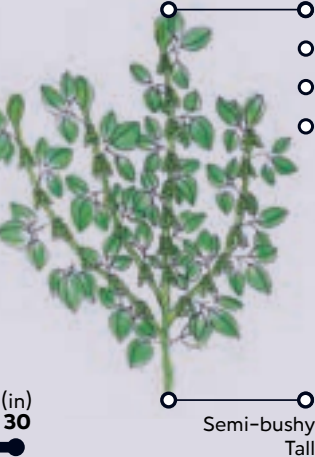
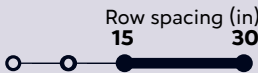
Mya

2825 CHU (RM 1.2)

- Tall variety with productive branches
- Impressive spring vigour even in heavier soil types
- Good stability across all research locations

Management Pointers

- Prefers 15" to 30" spacing
- Well adapted to no-till
- Plant in loamy and clay soil



Semi-bushy
Tall

Strong performing clay bean with SCN protection

Phytophthora: Rps 1c
SCN: SCN (PI88788)

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9



Atena

2825 CHU (RM 1.2)

- High yield potential
- Robust plant with good branching capacity
- Stable height, regardless of soil type

Management Pointers

- Plant in fertile soil
- Prefers 15" to 30" spacing and 15" in minimum and no-till
- Plant in its relative maturity zone

PREFERRED FOR
organic
PRODUCTION

Superior agronomic performance and desirable nutritional qualities

Phytophthora: Rps 1c/3a
SCN: Sensitive

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

Semi-bushy
Medium-short

Row spacing (in)
15 30

Zeta*

2875 CHU (RM 1.3)

- Top performer in OSACC Maturity Group 1 trials (2-year data)
- 5 cm shorter than Acora and excellent standability
- SCN resistance to give you peace of mind

Management Pointers

- Prefers 15" to 30" spacing
- Plant in all soil types
- Well adapted to all tillage systems

SCN
PROTECTION

Top performing variety in Southwestern Ontario

Phytophthora: Rps 1c
SCN: Resistant (PI88788)

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

Semi-bushy
Medium-tall

Row spacing (in)
15 30

Siena*

3100 CHU (RM 2.3)

- High yielding variety well suited for later maturing areas in Southwestern Ontario
- SCN resistance to give you peace of mind
- Excellent agronomic appearance in the field

Management Pointers

- Plant in all soil types
- Meet recommended populations
- Pay particular attention to poorly drained soils

SCN
PROTECTION

You won't find a higher yielding IP variety in Southwestern Ontario

Phytophthora: Good field
tolerance
SCN: Resistant (PI88788)

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9

Semi-bushy
Medium-tall

Row spacing (in)
15 30

TURBO-N2^{MC}

Liquid Inoculant

One of the few inoculants approved for organic production

Liquid inoculant is packaged in flexible leakproof containers. It can be used right in the seeder box or attached to the gravity box with a grain auger when loading the seed.

Application rate

One container of 2L treats 750 kg of seed (*30 bags depending on seed size or the equivalent of a large tote bag of Prograin soybean seeds)

Peat Inoculant

The only inoculant in Canada with a shelf life of two years

A high-performance inoculant that adheres to the seed and comes in two convenient sizes: 750 g and 2.25 kg. Once applied to the seed it has a life span of 24 hours.

Application rate

750 g treats 250 kg of seed (*10 bags depending on seed size)
2.25 kg processes 750 kg of seed (*30 bags depending on seed size or the equivalent of a large tote bag of Prograin soybean seeds)

AC Brio

Bread Wheat

Early-maturing bread wheat that is already well-established in Eastern Canada

Characteristics

- Hard red spring wheat and beardless
- Very good standability
- Average height
- Early heading and maturity
- High specific weight
- Remarkable falling number

SEEDING RATE

Thousand Kernel Weight : 39.7 g
7" spacing: 198.5 kg/ha

Management Pointers

Seeding density: 500 seeds/m²

Maximum nitrogen fertilization: 120 to 150 kg/ha including 50 to 70 kg at seeding time

Good soil preparation is important in order to obtain an even stand

Avoid growing wheat after corn or another grain cereal to reduce the risk of Fusarium Head Blight development

Fuzion

Bread Wheat

High yield and medium late maturing bread wheat

Characteristics

- Hard red spring wheat and lightly bearded
- Excellent natural Fusarium tolerance
- Good plant height
- Medium-late heading and maturity
- High specific weight

SEEDING RATE

Thousand Kernel Weight : 39.4 g
7" spacing: 197 kg/ha

Management Pointers

Seeding density : 500 seeds/m²

Maximum nitrogen fertilization: 105 to 130 kg/ha, including 50 to 70 kg at seeding time

Watch out for lodging in intensive crop management situations or in very rich soil

Avoid growing wheat after corn or another grain cereal to reduce the risk of Fusarium Head Blight development

Chambly

6-ROW BARLEY

Barley recognized for it's excellent resistance to lodging and for it's stability

Characteristics

- Superior yield
- Exceptional standability
- Medium-late maturity
- Large kernels
- Medium straw length

SEEDING RATE

Thousand Kernel Weight: 47.0 g
7" spacing : 155 kg/ha

Management Pointers

Seeding density : 330 seeds/m²

Good soil preparation is important in order to obtain an even stand

* Variety available in Ontario only, awaiting registration



**Flexibility and efficiency
in weed management**

**Variety with
excellent stress
tolerance**

Enduro E3* NEW

2650 CHU (RM 0.3)



Expert Notes

- ✓ Tall and robust plant with good standability
- ✓ Excellent resistance to *Phytophthora*
- ✓ Will have a strong spring start

**« Variety that attracted the most
attention from producers »**

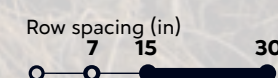
Alexandre Tessier, agr.
District Sales Manager, Eastern Canada



Management Pointers

Plant in all soil types
Prefers 15" to 30" spacing
Well adapted to no-till

Phytophthora: Rps 1a/3a
SCN: Sensitive



* Awaiting registration

Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9



Semi-bushy
Medium-tall

Elmo E3

2475 CHU (RM 00.7)

- Very good yield potential for its maturity group
- Remarkably vigorous start

Management Pointers

- Plant in all soil types
- Prefers 15" spacing or less



High performing Enlist E3 variety in its maturity zone

- *Phytophthora*: Rps 1a
- SCN: Resistant (PI88788)
- BSR: Medium Sensitive
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing NR

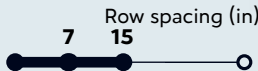
Emilio E3

2600 CHU (RM 0.2)

- High yield potential and stable performance, even in less productive soils
- Very good emergence and spring vigour
- Highly adaptable to difficult conditions

Management Pointers

- Plant in loamy and clay soil
- Prefers 7" to 15" spacing
- Reduce populations in light and fertile soils



Variety that offers unrivaled yield and emergence

- *Phytophthora*: Rps 1a/3a
- SCN: Sensitive
- BSR: NT
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

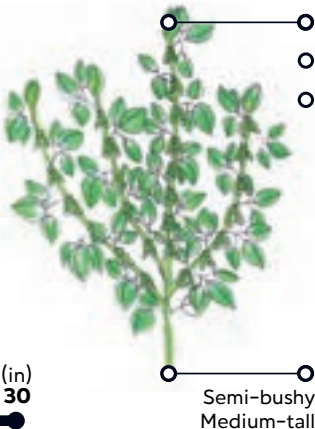
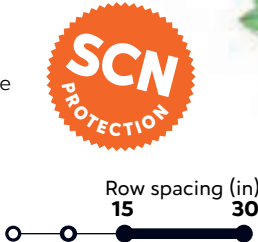
Enyo E3

2750 CHU (RM 0.8)

- Excellent vigour and emergence
- Outstanding stress tolerance
- Good standability

Management Pointers

- Plant in all soil types
- Prefers 30" spacing
- Well adapted to no-till or conventional tillage



Enlist E3 variety that has all the desired agronomic traits

- *Phytophthora*: None
- SCN: Resistant (PI88788)
- BSR: Resistant
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

THE SOYBEAN SYSTEM YOU CAN'T RESIST.

What makes the Roundup Ready® Xtend Crop System the #1 grown soybean system in Canada*? It's the only system that combines the high yield potential of Roundup Ready 2 Xtend® soybeans with built-in tolerance to both glyphosate and dicamba chemistries.

Applying the higher rate of Roundup Xtend® 2 with VaporGrip® Technology in your first pass provides short-term residual activity on small seeded broadleaves** with the added ability to effectively manage resistance concerns.

STAY AHEAD OF WEEDS WITH THE EARLY SEASON CONTROL OF CANADA'S #1 GROWN SOYBEAN SYSTEM.
traits.bayer.ca »

*Based on market research conducted by Stratus Ag Research in 2022 with Canadian soybean growers.

**Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the growers' fields.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with products with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELLED AND APPROVED FOR SUCH USES. Contact the Pest Management Regulatory Agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs.

Bayer, Bayer Cross, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup WeatherMAX®, Roundup Xtend®, VaporGrip®, XtendFlex® and XtendiMax® are registered trademarks of Bayer Group. Used under license. ©2023 Bayer Group. All rights reserved.



Roundup Ready 2 YIELD[®] SOYBEANS

Consistency & Performance; A winning formula

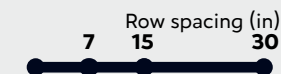
Vertigo R2

2750 CHU (RM 0.8)

- Very good yield potential
- Healthy plant throughout the growing season
- Good *Sclerotinia* tolerance

Management Pointers

- Plant in all types of soil
- Prefers 15" to 20" spacing



Guaranteed yield and performance stability



- *Phytophthora*: Rps 1c
- SCN: Resistant (PI88788)
- BSR: Resistant
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

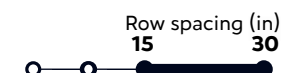
Miko R2

2750 CHU (RM 0.8)

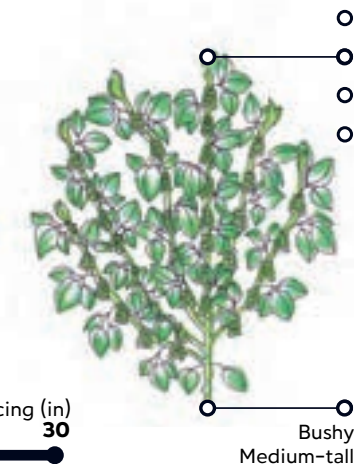
- Vigorous variety and good spring start
- Excellent yield potential
- Stocky bushy plant and well suited to 30" seeding

Management Pointers

- Plant in all types of soil
- Reduce populations in high yield potential environments
- Performs well in intensive crop management (good response to foliar fungicides)



Dominant variety with exceptional yield



- *Phytophthora*: Rps 1c
- SCN: Sensitive
- BSR: Sensitive
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

FOLLOW US!

prograin.ca



ROUNDUP READY 2 XTEND[®] SOYBEANS



Consistent yield performance year - after - year

The variety
demonstrated strong
defensive traits
and noteworthy
performance in 2022

Dyno R2X

2725 CHU (RM 0.7)



Expert Notes

- ✓ A variety with strong defensive traits that showed outstanding performance in fields with high white mould pressure
- ✓ Super healthy variety, all season long, with its superior natural *Phytophthora* tolerance
- ✓ All around variety, offensive and defensive with an outstanding standability

« Top 3 performer
in OSACC maturity group 0 »

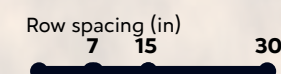
Cody Lemon, CCA - ON
District Sales Manager, Western Ontario



Management Pointers

Plant in fertile soil
Prefers 15" to 30" spacing
Excellent natural resistance
to *Phytophthora*

Phytophthora: Rps 1c
SCN: Resistant (PI88788)
BSR: Average resistance



Standability
1 2 3 4 5 6 7 8 9

Sclerotinia tolerance
1 2 3 4 5 6 7 8 9

Stability – adaptability
1 2 3 4 5 6 7 8 9

Vigour for no-till
1 2 3 4 5 6 7 8 9

Adaptability to 30" spacing
1 2 3 4 5 6 7 8 9



Semi-bushy
Medium-tall

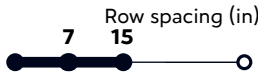
Fresco R2X

2275 CHU (RM 000.9)

- Great opportunity for growing soybean in northern zones
- Good natural *Phytophthora* resistance and *Sclerotinia* tolerance
- Possibility of sowing a crop of winter wheat in 2500–2600 CHU zone

Management Pointers

- Avoid heavy soils
- Prefers seeding in narrow spacing
- Good yield in high density populations



Early variety with good performance for its maturity group



- Phytophthora*: Rps 1a
- SCN: Sensitive
- BSR: Sensitive
- Standability 1 2 3 4 5 6 7 8 9
- Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing NR

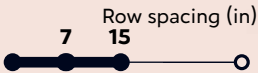
Verso R2X

2525 CHU (RM 00.9)

- Tall plant
- Large stem gives a pleasing appearance
- Good first pod height facilitates harvesting

Management Pointers

- Prefers 7" to 15" spacing
- Avoid light and rich soils
- Well adapted for no-till systems and clay soils



Variety well suited to no-till systems



- Phytophthora*: Rps 1k
- SCN: Sensitive
- BSR: NT
- Standability 1 2 3 4 5 6 7 8 9
- Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

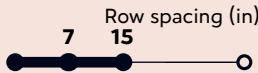
Merino R2X

2400 CHU (RM 00.4)

- Very good yield potential for its maturity group
- Plant type similar to Dugaldo R2X
- Excellent standability in all growing conditions

Management Pointers

- Prefers 15" spacing or less
- Well suited to no-till (above average)



Variety with good defensive traits



- Phytophthora*: Rps 1k
- SCN: Resistant (PI88788)
- BSR: Resistant
- Standability 1 2 3 4 5 6 7 8 9
- Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing NR

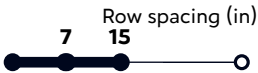
Bronco R2X

2550 CHU (RM 0.0)

- Excellent standability in all growing conditions
- Very good *Sclerotinia* tolerance
- Presence of Rps 6 gene gives this variety elite protection against *Phytophthora*

Management Pointers

- Plant in all soil types
- Preferably 15" spacing or less



Yield leading variety



- Phytophthora*: Rps 1c/6
- SCN: Sensitive
- BSR: Resistant
- Standability 1 2 3 4 5 6 7 8 9
- Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

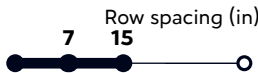
Kudo R2X

2475 CHU (RM 00.6)

- Plant has branching ability which improves field appearance
- Excellent choice for heavy soils and no till system
- Exceptional vigour

Management Pointers

- Prefers 15" spacing or less
- Good yield in lower density populations



High-performance variety adapted to early maturity zones



- Phytophthora*: Good natural tolerance
- SCN: Sensitive
- BSR: Resistant
- Standability 1 2 3 4 5 6 7 8 9
- Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

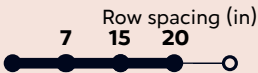
Rico R2X

2575 CHU (RM 0.1)

- Excellent yield potential
- Superior standability in the field
- Very good *Sclerotinia* tolerance

Management Pointers

- Grows in any crop management systems
- Plant in fertile soil
- Prefers 20" spacing or less



Combination of performance and resistance to common soybean diseases



- Phytophthora*: Rps 1c
- SCN: Resistant (PI88788)
- BSR: NT
- Standability 1 2 3 4 5 6 7 8 9
- Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

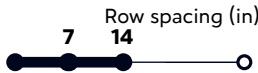
Donaldo R2X

2600 CHU (RM 0.2)

- Performs in all management systems
- The variety that stood out in several demo plots for the past 4 years
- A leader in its maturity zone

Management Pointers

- Plant in heavy or light soil
- Prefers 7" to 15" spacing
- Above average spring vigour



Great adaptability and performance stability are key to this variety's success



- *Phytophthora*: Rps 1c
- SCN: Sensitive
- BSR: Sensitive
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

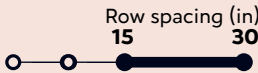
Pico R2X

2775 CHU (RM 0.9)

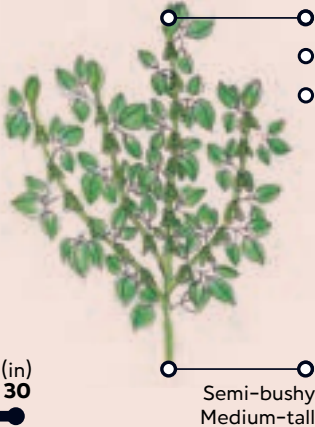
- Very good *Sclerotinia* tolerance
- Good performance in a variety of soil fertility conditions
- Stable and defensive variety with excellent standability

Management Pointers

- Prefers 15" spacing or more
- Plant in all soil types
- Pay particular attention to clay soils and no-till



A variety combining superior performance with defensive traits



- *Phytophthora*: Rps 1c
- SCN: Resistant (PI88788)
- BSR: Medium Resistance
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

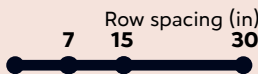
Amino R2X

2700 CHU (RM 0.6)

- Variety robust under adverse conditions
- Excellent spring vigour
- Rapid canopy closure and vigorous vegetative growth

Management Pointers

- Plant in all row widths
- Stable performer



High yield variety that performs in all conditions



- *Phytophthora*: Rps 1c
- SCN: Resistant (PI88788)
- BSR: Sensitive
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

Mercado XF

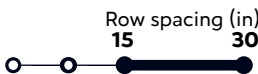
NEW

2875 CHU (RM 1.4)

- Will perform very well on clay soil types
- Very strong *phytophthora* and white mould tolerance
- SCN (PI88788) + great SDS tolerance

Management Pointers

- Position where you need a strong defensive package
- Prefers 15" to 30" spacing
- Good yield in any tillage system



Xtendflex variety with great offensive and defensive traits



- *Phytophthora*: Rps 1c/3a
- SCN: Resistant (PI88788)
- BSR: Medium Resistance
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

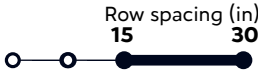
Nano R2X

2700 CHU (RM 0.6)

- Excellent *Phytophthora* resistance
- Variety robust under adverse conditions
- Rapid canopy closure and vigorous vegetative growth

Management Pointers

- Well adapted to minimum tillage and no-till systems
- Performs well with intensive crop management
- Reduce populations in fertile environments



The leader of the pack for its performance and yield potential



- *Phytophthora*: Rps 3a
- SCN: Resistant (PI88788)
- BSR: Medium Resistance
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

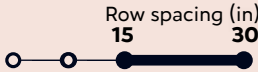
Rondo R2X

2900 CHU (RM 1.5)

- Good standability and good spring start
- Tall plant with good branching capacity
- Good resistance to common soybean diseases

Management Pointers

- Plant in all soil types
- Prefers 30" spacing
- Plant in its relative maturity zone



Perfect combination of defensive traits and excellent yield potential



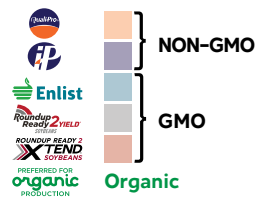
- *Phytophthora*: Rps 1c/3a
- SCN: Resistant (PI88788)
- BSR: Sensitive
- Standability 1 2 3 4 5 6 7 8 9
- *Sclerotinia* tolerance 1 2 3 4 5 6 7 8 9
- Stability – adaptability 1 2 3 4 5 6 7 8 9
- Vigour for no-till 1 2 3 4 5 6 7 8 9
- Adaptability to 30" spacing 1 2 3 4 5 6 7 8 9

VARIETY	CHU (RM)	RPS	SCN	‡	PROTEIN	∫	S/KG	△	S/HA	BAGS/ HA	S/M	S/LB	△	S/AC	BAGS/ AC	S/FT
N LISKA	2400 (00.3)	∅	▲	●	46 %	■	5000 5500	7 15	550 000 500 000	5,00 4,55	9,6 18,8	2268 2494	7 15	222 672 202 429	2,02 1,84	2,9 5,3
N KOA	2475 (00.8)	1c	▲	●	43 %	■	4400 4800	7 15	550 000 500 000	5,00 4,55	9,6 18,8	1995 2177	7 15	222 672 202 429	2,02 1,84	2,9 5,3
MAYA	2475 (00.7)	1c	▲	●	45 %	■	5600 6400	7 15	550 000 500 000	5,00 4,55	9,6 18,8	2540 2902	7 15	222 672 202 429	2,02 1,84	2,9 5,3
N NALA	2550 (00.0)	1c	▲	●	43 %	■	4500 5100	7 15	550 000 500 000	5,00 4,55	9,6 18,8	2041 2313	7 15	222 672 202 429	2,02 1,84	2,9 5,3
HANA Organic	2575 (0.1)	∅	▲	●	44 %	■	4700 5500	7 15 30	550 000 500 000 500 000	5,00 4,55 4,55	9,6 18,8 37,5	2132 2494	7 15 30	222 672 202 429 202 429	2,02 1,84 1,84	2,9 5,3 11,4
ALYNATTO	2650 (0.5)	∅	▲	●	40 %	■	11500 12500	7 15	540 000 515 000	2,08 1,98	9,5 19,3	5215 5669	7 15	218 623 208 502	0,84 0,80	2,9 5,5
HOLA	2675 (0.5)	1c/3a	▲	●	44 %	■	4400 5000	7 15 30	500 000 475 000 400 000	4,55 4,32 3,64	8,8 17,8	1995 2268	7 15 30	202 429 192 308 161 943	1,84 1,75 1,47	2,7 5,1 9,1
AYA Organic	2675 (0.5)	3a	▲	●	45 %	■	4200 5000	7 15 30	500 000 475 000 400 000	4,55 4,32 3,64	8,8 17,8	1905 2268	7 15 30	202 429 192 308 161 943	1,84 1,75 1,47	2,7 5,1 9,1
QUENATTO	2700 (0.6)	∅	▲	●	40 %	■	10500 11500	7 15	540 000 515 000	2,08 1,98	9,5 19,3	4762 5215	7 15	218 623 208 502	0,84 0,80	2,9 5,5
BLACK GOLD	2750 (0.8)	NA	▲	NT	41 %	■	4100 4400	7 15	490 000 475 000	4,45 4,32	8,6 17,8	1859 1995	7 15	198 381 192 308	1,80 1,75	2,6 5,1
HAKATA	2750 (0.9)	1c	▲	●	45 %	■	4000 4600	15 30	475 000 370 000	4,75 3,70	17,8 27,8	1814 2086	15 30	192 308 149 798	1,92 1,50	5,1 8,5
SIBERIA	2375 (00.2)	1a	▲	●	39 %	■	6000 7000	7 15	550 000 500 000	5,00 4,55	9,6 18,8	2721 3175	7 15	222 672 202 429	2,02 1,84	2,9 5,7
ASANA	2700 (0.6)	1c	▲	●	42 %	■	4700 5200	7 15 30	500 000 475 000 370 000	4,55 4,32 3,36	8,8 17,8	2132 2358	7 15 30	202 429 192 308 149 798	1,84 1,75 1,36	2,7 5,4 8,5
MARULA Organic	2700 (0.6)	1c	▲	●	42 %	■	4000 5500	7 15 30	500 000 475 000 400 000	4,55 4,32 3,64	8,8 17,8	1814 2494	7 15 30	202 429 192 308 161 943	1,84 1,75 1,47	2,7 5,4 9,1
EZRA	2725 (0.8)	3a	▲	●	39 %	■	4600 5500	15 30	475 000 370 000	4,32 3,36	17,8 27,8	2086 2494	15 30	192 308 149 798	1,75 1,36	5,4 8,5
WILMA	2750 (0.8)	1c/3a	▲	●	41 %	■	4800 5500	15 30	475 000 370 000	4,32 3,36	17,8 27,8	2177 2494	15 30	192 308 149 798	1,75 1,36	5,4 8,5
ACUNA	2775 (0.9)	1c	▲	●	42 %	■	4700 5200	7 15 30	500 000 475 000 370 000	4,55 4,32 3,36	8,8 17,8	2132 2358	7 15 30	202 429 192 308 149 798	1,84 1,75 1,36	2,7 5,4 8,5
MYA	2825 (1.2)	1c	●	●	42 %	■	4400 5000	15 30	475 000 370 000	4,32 3,36	17,8 27,8	1995 2268	15 30	192 308 149 798	1,75 1,36	5,4 8,5
ATENA Organic	2825 (1.2)	1c/3a	▲	●	43 %	■	4000 5000	15 30	475 000 370 000	4,32 3,36	17,8 27,8	1814 2268	15 30	192 308 149 798	1,75 1,36	5,4 8,5
ZETA	2875 (1.3)	1c	●	●	43 %	■	4500 5300	15 30	475 000 370 000	4,32 3,36	17,8 27,8	2041 2404	15 30	192 308 149 798	1,75 1,36	5,4 8,5
N SIENA	3100 (2.3)	∅	●	●	42 %	■	5500 6000	15 30	475 000 370 000	4,32 3,36	17,8 27,8	2494 2721	15 30	192 308 149 798	1,75 1,36	5,4 8,5

VARIETY	CHU (RM)	RPS	SCN	SDS	BSR	‡	PROTEIN	∫	S/KG	△	S/HA	BAGS/ HA	S/M	S/LB	△	S/AC	BAGS/ AC	S/FT
ELMO E3	2475 (00.7)	1a	●	NT	MS		39 %	■	6600 7100	7 15	525 000 495 000	3,75 3,54	9,2 17,3	2993 3220	7 15	212 551 200 405	1,52 1,43	2,8 5,3
EMILIO E3	2600 (0.2)	1a/3a	▲	NT	NT		41 %	■	6000 7000	7 15	500 000 465 000	3,57 3,32	8,8 16,3	2721 3175	7 15	202 429 188 259	1,45 1,34	2,7 5,0
N ENDURO E3	2650 (0.3)	1a/3a	▲	NT	NT		40 %	■	5000 5600	7 15 30	470 000 450 000 370 000	3,36 3,21 2,64	8,2 16,9 27,8	2268 2540	7 15 30	190 283 182 186 149 798	1,36 1,30 1,07	2,5 5,1 8,5
ENYO E3	2750 (0.8)	∅	●	NT	●		41 %	■	5800 6800	15 30	450 000 370 000	3,21 2,64	16,9 27,8	2721 3175	15 30	182 186 149 798	1,30 1,07	5,1 8,5
VERTIGO R2	2750 (0.8)	1c	●	NT	●	●	41 %	■	5600 6300	7 15 30	465 000 435 000 380 000	3,32 3,11 2,71	8,1 16,3 28,5	2540 2857	7 15 30	188 259 176 113 153 846	1,34 1,26 1,10	2,5 5,0 8,7
MIKO R2	2750 (0.8)	1c	▲	NT	▲	●	39 %	■	4600 5500	15 30	420 000 350 000	3,00 2,50	15,8 26,3	2086 2494	15 30	170 040 141 700	1,21 1,01	4,8 8,0
FRESCO R2X	2275 (000.9)	1a	▲	NT	▲	●	40 %	■	4200 4800	7 15	525 000 495 000	3,75 3,54	9,2 18,6	1905 2177	7 15	212 551 200 405	1,52 1,43	2,8 5,7
MERINO R2X	2400 (00.4)	1k	●	NT	●		40 %	■	4900 5500	7 15	525 000 495 000	3,75 3,54	9,2 18,6	2222 2345	7 15	212 551 200 405	1,52 1,43	2,8 5,7
KUDO R2X	2475 (00.6)	BTN	▲	NT	●	●	41 %	■	5000 5500	7 15	500 000 465 000	3,57 3,32	8,8 17,4	2268 2494	7 15	202 429 188 259	1,45 1,34	2,7 5,3
VERSO R2X	2525 (00.9)	1k	▲	NT	NT		43 %	■	5000 6600	7 15	500 000 465 000	3,57 3,32	8,8 17,4	2268 2993	7 15	202 429 188 259	1,45 1,34	2,7 5,3
BRONCO R2X	2550 (0.1)	1c/6	▲	NT	●	●	41 %	■	4600 5300	7 15	500 000 465 000	3,57 3,32	8,8 17,4	2086 2404	7 15	202 429 188 259	1,45 1,34	2,7 5,3
RICO R2X	2575 (0.1)	1c	●	NT	NT		40 %	■	5700 6300	7 15	500 000 465 000	3,57 3,32	8,8 17,4	2585 2857	7 15	202 429 188 259	1,45 1,34	2,7 5,3
DONALDO R2X	2600 (0.2)	1c	▲	NT	▲	●	40 %	■	5700 6300	7 15	500 000 465 000	3,57 3,32	8,8 17,4	2585 2857	7 15	202 429 188 259	1,45 1,34	2,7 5,3
AMINO R2X	2700 (0.6)	1c	●	NT	▲		40 %	■	4800 5200	7 15 30	465 000 435 000 380 000	3,32 3,11 2,71	8,1 16,3 28,5	2177 2291	7 15 30	188 259 176 113 153 846	1,34 1,26 1,10	2,5 5,0 8,7
NANO R2X	2700 (0.6)	3a	●	NT	MR		41 %	■	5200 6200	15 30	420 000 350 000	3,00 2,50	15,8 26,3	2358 2812	15 30	170 040 141 700	1,21 1,01	4,8 8,0
DYNO R2X	2725 (0.7)	1c	●	NT	MR			■	5000 5800	7 15 30	475 000 450 000 370 000	3,39 3,21 2,64	8,3 15,8 27,8	2268 2630	7 15 30	192 308 182 186 149 798	1,37 1,30 1,07	2,5 5,1 8,5
PICO R2X	2775 (0.9)	1c	●	MR	MR		39 %	■	5500 6500	15 30	450 000 370 000	3,21 2,64	16,9 27,8	2494 2948	15 30	182 186 149 798	1,30 1,07	5,1 8,5
N MERCADO XF	2875 (1.4)	1c/3a	●		MR	●	40 %	■	5200 6200	15 30	420 000 350 000	3,00 2,50	15,8 26,3	2358 2812	15 30	170 040 141 700	1,21 1,01	4,8 8,0
RONDO R2X	2900 (1.5)	1c/3a	●	MR	▲		40 %	■	5500 6500	15 30	450 000 370 000	3,21 2,64	16,9 27,8	2494 2948	15 30	182 186 149 798	1,30 1,07	5,1 8,5

LÉGENDE

VARIETY



△

Recommended row spacing in inches
Seeds
Kilogram
Hectare
Linear metre
Pound
Acre
Linear foot
Soybean cyst Nematode

SDS

BSR

‡

GNT

MS

MR

∅

Soybean Death Syndrome
Brown Stem Rot
Stem Canker
Good natural tolerance
Medium Sensitive
Medium Resistant
None

NT

●

▲

NEW

PUBESCENCE

COLOR

∫

Non tested
Resistant
Sensitive
NEW

Light Brown
Brown
Grey

SEEDS PER SAC

Qualipro and IP	110 000 SEEDS
Hola and Hakata	100 000 SEEDS
Konatto, Alynatto and Quenatto	260 000 SEEDS
All GMO'S	140 000 SEEDS

YOUR CALCULATION

① Row spacing: IN

② Target population: S/HA

③ Seed size: S/KG

④ Number of seeds per bag: S/BAG

METHOD N° 1

S/HA → BAGS/HA

S/BAG → KG/BAG

BAGS/HA × KG/BAG = KG/HA

METHOD N° 2

S/HA → KG/HA

CONVERSION

KG/HA × 0.89 = LB/AC

Contact us !

prograin@prograin.qc.ca

Telephone: 1 800 817-3732

Fax: 450 469-4547

Florent Pigrée

District Sales Manager,
Eastern Québec

florent.pigree@prograin.qc.ca

Maxime Gratton, agr.

District Sales Manager,
Western Québec

maxime.gratton@prograin.qc.ca

Cody Lemon, CCA - ON

District Sales Manager,
Western Ontario

cody.lemon@prograin.ca

Philippe Lemaître, agr.

Technical Manager
of Seed production

philippe.lemaître@prograin.qc.ca

Alexandre Tessier, agr.

District Sales Manager,
Eastern Canada

alexandre.tessier@prograin.qc.ca

**145, rang du Bas-de-la-Rivière Nord
Saint-Césaire (Québec) JOL 1T0 CANADA**

The agronomic content of the 2024 Seed Guide was prepared and verified
by agronomists Maxime Gratton, Alexandre Tessier, Cody Lemon et Philippe Lemaître.

Prograin® is a registered trademark of Semences Prograin inc. The Prograin® and Quali-Pro® logos are registered trademarks of Semences Prograin inc. Turbo-N2® is a registered trademark of Semences Prograin inc.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with products with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED AND APPROVED FOR SUCH USES. Contact the Pest Management Regulatory Agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs.

Enlist E3 and the Enlist E3 logo are trademarks of the Dow Chemical Company ("Dow") or an affiliated company of Dow. Enlist E3 soybeans were jointly developed by Dow Agrosiences and MS technologies.



Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready® and XtendFlex® are registered trademarks of Bayer Group. Used under license. Liberty®, LibertyLink™ and LibertyLink logo® are trademarks of BASF. Used under license. Bayer CropScience Inc. is a member of CropLife Canada.

Certified Seed

A guarantee of success.
A guarantee of progress.



**Progress Through
Research**