



**Identity Preserved
Soybean Seed Guide
2024**



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Message from the CEO

I am honoured to share an exciting milestone that marks a monumental step forward for Hensall Co-op and for each of you – our farming community.

Uniting Forces: Hensall Co-op and Syngenta Seeds

As a co-op built by farmers, for farmers, our commitment to enhancing your agricultural journey is at the heart of everything we do. It is with great pride and enthusiasm that I announce Hensall Co-op's partnership with Syngenta Seeds as a full distributor of their Silverline seed products. This collaboration brings together two industry leaders united by a shared vision of innovation, excellence, and unwavering support for your farming success.

A Legacy of Empowerment

At Hensall Co-op, we are driven by the legacy of empowerment that you, our members, and growers, have entrusted us with. It is a legacy forged by your support and your belief in the power of co-operative progress. As a farmer-owned co-op, we are not just another agricultural business entity – we are your co-operative, a community of like-minded individuals, bound by the common goal of sustaining and nurturing our land, our families, and our future.

Introducing the Silverline Brand of Identity Preserved Soybean Seed

Our journey takes an exciting turn with the introduction of the NEW Silverline brand, a testament to Hensall Co-op's commitment to precision, purity, traceability, and progress. The Silverline Identity Preserved Soybean Seed portfolio represents our dedication to supporting your farm business with the highest quality, most advanced seeds combined with value added strategies. With Silverline now a cornerstone of our seed offerings, you can harness the expertise of both Hensall Co-op and Silverline to maximize your yields and your profits that will lead to your continued success.

A Pathway to Prosperity

Our partnership with Syngenta Seeds isn't just about products; it's about equipping you with a pathway to success. The Silverline portfolio and the unwavering support of our co-op community, empowers you to seize the full potential of your farm acres and create a legacy of profitable growth, sustainability, and enduring success.

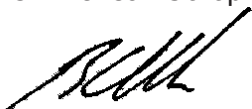
Together, We Thrive

As we embark on this exciting chapter together, I am filled with a sense of anticipation. The journey ahead holds promise, potential, and the boundless possibilities that arise when visionary partners come together. I am confident that with Hensall Co-op and Syngenta Seeds by your side, there is no limit to the value we can create together in your farm fields.

Thank you for your continued support behind Hensall Co-op's success. As we navigate the future, know that your trust in your co-op fuels our determination to excel and to be the leader to create more value on your farm.

With deep gratitude and excitement,

Brad Chandler,
CEO - Hensall Co-op



Variety Highlights

XC01301* Silverline

SCN
Resistance

- Three days earlier than S03-W4
- Rps1c/Rps3a gene stack for excellent Phytophthora tolerance
- Best rating for Iron Deficiency Chlorosis

RM 0.1 CHU 2550

S04-K9 Silverline

SCN
Resistance

- Very good emergence and early season vigour
- Excellent phytophthora field tolerance and Rps1c gene

RM 0.5 CHU 2675

S03-W4 Silverline

- Consistent performer in all soil types
- Moves well from area to area
- Excellent disease package for dependable yield

RM 0.4 CHU 2650

OAC Strive SeCan

- Excellent yield for maturity
- Excellent standability and emergence
- Good lodging score

RM 0.7 CHU 2700

S03-P4 Silverline

SCN
Resistance

- Consistent performer in all soil types
- Rps/c/Rps3a gene stack for excellent phytophthora tolerance

RM 0.4 CHU 2650

S07-M8 Silverline

- Excellent yield for maturity
- Top-end yield
- Excellent disease package
- Excellent white mold tolerance
- Excellent standability

RM 0.8 CHU 2750

*Pending registration and naming rights

S10-R2 Silverline

SCN
Resistance

- Excellent yield on tough soils
- Tall, bushy plant that canopies quickly
- Great root disease package for early season start

RM 0.8 CHU 2750

XC18302* Silverline

SCN
Resistance

- Excellent Sudden Death Syndrome tolerance
- Rps1c/Rps3a gene stack for excellent Phytophthora tolerance
- Excellent yield on tough soils

RM 1.8 CHU 2925

S12-J7 Silverline

SCN
Resistance

- Performs best on well drained soils
- Excellent phytophthora rating
- Rps1c/Rps3a gene stack for excellent phytophthora tolerance

RM 1.3 CHU 2800

HDC Blake Hensall Co-op

- Branchy with excellent yield potential
- Outstanding clay performance
- High yielding yellow hilum for maturity group
- Very good protein levels
- Keep in maturity zone

RM 1.9 CHU 2975

S14-H3 Hensall Co-op

SCN
Resistance

- Excellent white mold tolerance
- Excellent disease package for dependable yield
- A shorter plant type for your best soils

RM 1.5 CHU 2850

XC20303* Silverline

SCN
Resistance

- Excellent standability and emergence
- Rps1c/Rps3a gene stack for excellent Phytophthora tolerance
- A shorter plant type for your best soils

RM 2.0 CHU 3000

HDC X790 Hensall Co-op

- Yield rating of 85 – 95% of check average
- Has shown better tolerance to white mold
- Place on heavier clay
- Good phytophthora tolerance
- Strong export demands

RM 2.2 CHU 3075

HDC McRae Hensall Co-op

SCN
Resistance

- Excels on clay based soils
- Taller than Wigle, same lodging score
- Two days later than Wigle

RM 2.5 CHU 3200

S21-C6 Silverline

SCN
Resistance

- Consistant performance across yield levels
- Excels on clay based soils
- Canopies quickly
- Excellent Brown Stem Rot tolerance

RM 2.2 CHU 3075

AAC Wigle SeCan

SCN
Resistance


- Excels on clay based soils
- Tall plant that stands well
- Good phytophthora ratings




RM 2.4 CHU 3150





Notes:



Agronomic Chart

Variety	Seed Brand	Specialty Trait			Relative Maturity	Heat Unit Rating	Pubescence	Flowers	Pod Colour
		Tofu	Miso	Beverage					
XC01301*	Silverline	?	-	?	0.1	2550	Tawny	Purple	Brown
S03-W4	Silverline	✓	✓	✓	0.4	2650	Tawny	Purple	Brown
S03-P4	Silverline	✓	-	✓	0.4	2650	Tawny	Purple	Brown
S04-K9	Silverline	✓	-	✓	0.5	2675	Grey	Purple	Tan
OAC Strive	SeCan	✓	-	-	0.7	2700	Tawny	Purple	Brown
S07-M8	Silverline	✓	✓	✓	0.8	2750	Tawny	Purple	Brown
S10-R2	Silverline	✓	-	✓	0.8	2750	Grey	Purple	Tan
S12-J7	Silverline	✓	-	✓	1.3	2800	Grey	Purple	Tan
S14-H3	Hensall Co-op	✓	-	✓	1.5	2850	Tawny	Purple	Tan
XC18302*	Silverline	?	-	?	1.8	2925	Tawny	Purple	Tan
HDC Blake	Hensall Co-op	✓	-	✓	1.9	2975	Grey	Purple	Tan
XC20303*	Silverline	?	-	?	2.0	3000	Grey	Purple	Brown
HDC X790	Hensall Co-op	✓	-	-	2.2	3075	Grey	Purple	Tan
S21-C6	Silverline	✓	-	-	2.2	3075	Grey	Purple	Tan
AAC Wigle	SeCan	✓	-	-	2.4	3150	Grey	Purple	Grey
HDC McRae	Hensall Co-op	-	✓	-	2.5	3200	Grey	White	Tan

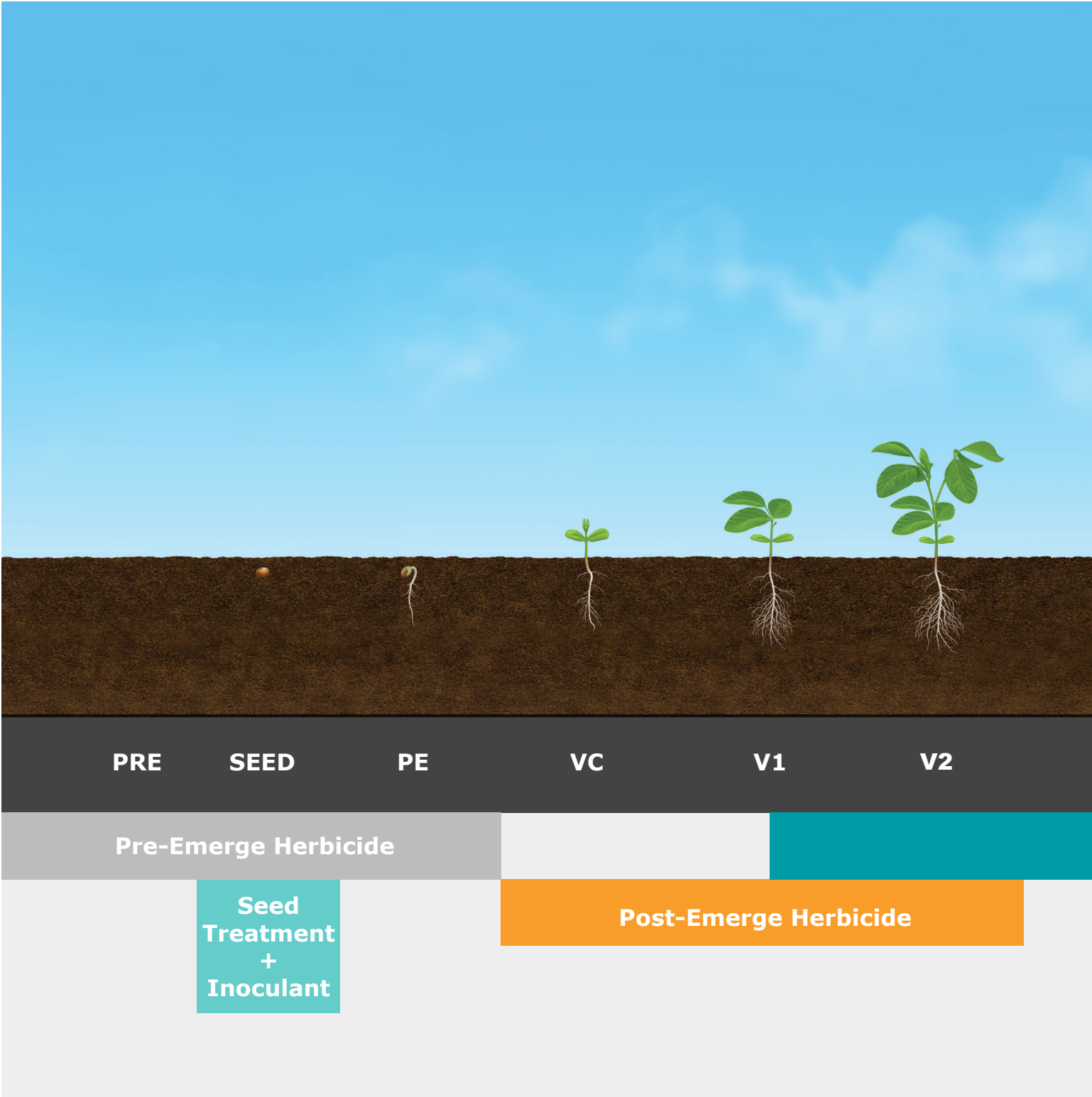
Hilum	Plant Height	Plant Structure	Row Width	Lodging Rating	Protein Content	PBR **	Patent ***	Seeds/lb Approximate	SCN Resistance
Imperfect Yellow	Medium	Slender	7" - 22"	Excellent	Average (42-43%)	Pending	Pending	2100	✓
Imperfect Yellow	Medium-Tall	Slender	7" - 22"	Excellent	Average (42-43%)	-	-	2200	-
Imperfect Yellow	Medium-Tall	Slender	7" - 22"	Good	Average (42-43%)	Pending	Protected	2200	✓
Yellow	Medium	Average	7" - 22"	Excellent	Average (42-43%)	Pending	Protected	2100	✓
Imperfect Yellow	Medium-Tall	Average	7" - 22"	Excellent	Average (42-43%)	PBR91	-	1900	-
Imperfect Yellow	Medium-Tall	Slender	7" - 22"	Excellent	Average (42-43%)	PBR91	-	2100	-
Yellow	Tall	Bushy	15" - 30"	Excellent	Average (42-43%)	PBR91	Protected	2400	✓
Yellow	Medium	Average	7" - 22"	Good	Average (42-43%)	PBR91	Protected	2000	✓
Imperfect Yellow	Medium-Tall	Average	7" - 22"	Excellent	Average (42-43%)	PBR91	Protected	2200	✓
Imperfect Yellow	Medium	Bushy	15" - 30"	Excellent	Above Average (44-45%)	Pending	Pending	2000	✓
Yellow	Tall	Bushy	15" - 30"	Good	Average (42-43%)	-	-	1800	-
Yellow	Medium	Average	7" - 22"	Excellent	Above Average (44-45%)	Pending	Pending	1900	✓
Yellow	Short-Medium	Bushy	15" - 30"	Average	Well Above Average (45-46%)	-	-	1800	-
Yellow	Tall	Average	15" - 30"	Average	Above Average (44-45%)	Pending	Protected	2000	✓
Yellow	Medium	Average	15" - 30"	Average	Above Average (44-45%)	Pending	-	1900	✓
Yellow	Tall	Average	15" - 30"	Average	Average (43-44%)	Pending	-	1900	✓

*Pending variety registration and naming rights

**Certain restrictions apply. See www.pbrfacts.ca for more details

***Patent protected varieties require signed Stewardship Agreements

Growth Chart





R1

R2

R3

R5

MATURITY

Insecticide

Fungicide + 42pHiK HC

**Pre Harvest
Timing**

Planting Guidelines

Seed Rate & Row Spacing

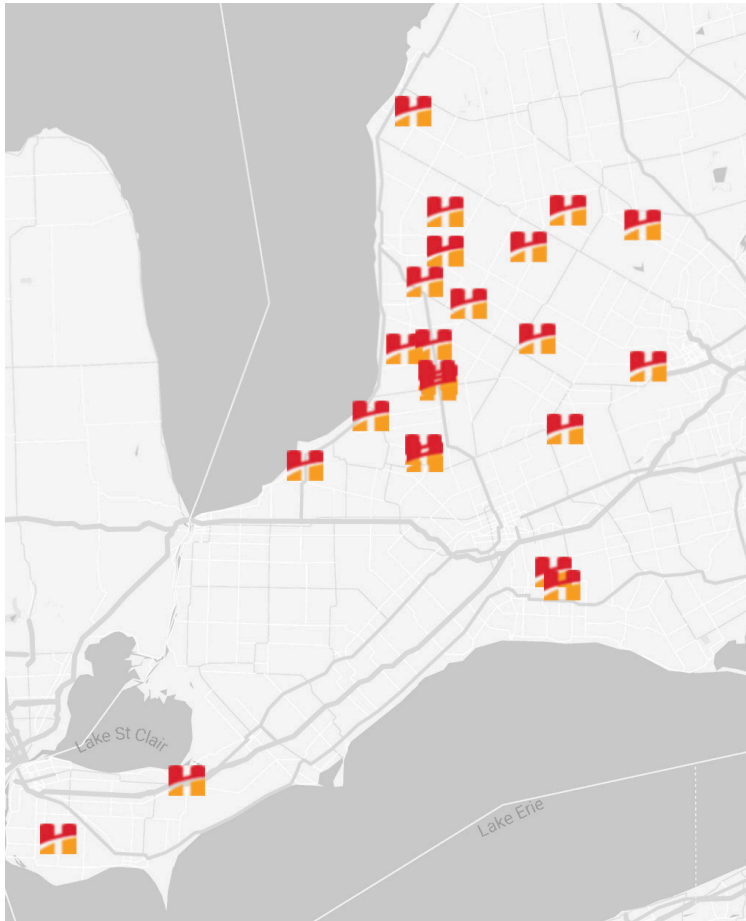
SOYBEANS	Row Width	Seeds per Pound				Seeds per Foot of Row	Seeds per Acre
		1800	2000	2200	2400		
	7 Inches	117	105	95	88	2.9	210,000
14 Inches	100	90	82	75	4.8	180,000	
21 Inches	92	83	75	69	6.5	165,000	
30 Inches	83	75	68	63	8.5	150,000	



Cost of Production

	Crush (Commodity) Soybeans	Food Grade (IP) \$5.00 Premium	Growers Costing (\$ per Acre)
Seed	\$84.90	\$95.68	
Fertilizer	\$75.00	\$75.00	
Pesticides	\$43.10	\$84.70	
Total Inputs	\$203.00	\$255.38	
Tillage (Spring & Fall)	\$0.00	\$0.00	
Planting	\$31.20	\$31.20	
Spraying/Fertilizing	\$30.00	\$30.00	
Harvesting/Trucking	\$77.31	\$75.68	
Total Equipment	\$138.51	\$136.88	
Drying	\$2.48	\$2.72	
Production Insurance	\$13.94	\$13.94	
Marketing Fees	\$2.03	\$1.84	
Total All Cost / Acre	\$359.96	\$410.76	
Yield per Acre (bushel)	55 bu	50 bu	
Price per Unit	\$15.50	\$20.50	
Total Gross / Acre	\$852.50	\$1,025.00	
Return / Acre (without land rent)	\$492.54 (RR2 Soys)	\$614.24 (IP Soybeans)	

About Hensall Co-op



**Animal Nutrition
Agronomy
Energy
Food Products
Grain Marketing
Logistics**

Hensall Co-op is committed to providing the agronomic products and services that our customers demand to serve and improve their farming operations. Hensall Co-op offers crop products at several locations throughout Southern Ontario and are focused on providing quality products and services. Our Field Marketers work with Food Producers to find solutions to the challenges and issues Food Producers face on a daily basis.

Agronomic Services Offered by Hensall Co-op:

- Liquid and dry fertilizer, application & delivery
- Certified seed for all major field crops
- Fertilizer spreaders and liquid applicators
- Professional application of crop protection products
- Precision ag management services (UAV, soil sampling, FieldTrace®, planting and spraying with variable rate prescriptions, etc.)
- Enhanced premiums for food grade crops
- Bulk seed delivery
- Soil sampling
- Customized recommendations
- Ag Alert emails
- Investments

Hensall 1.800.265.5190 519.262.3002	Ailsa Craig 519.232.4449	Forest 519.786.5424	Kurtzville 1.877.858.2220	Mitchell 519.393.6010
	Aylmer Crops 519.773.2125	Greenway 519.238.8701	Lakeside 519.349.2243	Seaforth 1.888.522.1112
	Drayton 519.638.2707	Harrow 519.738.2271	Londesborough 519.523.4470	Tilbury 519.682.1481



hensallco-op.ca/Crop-Services
Proud to be Farmer Owned

Edible Beans, Food Grade and Non-GMO Soybeans

Hensall Co-op is a major supplier of Edible Beans, Food Grade and Non-GMO Soybeans to customers worldwide. Together with our Food Producers, we have developed a reputation for supplying top quality beans with very extensive sustainability and traceability using our FieldTrace® program.

At Hensall Co-op we pride ourselves on considering both economic and agronomic recommendations. Our Grain Marketing and Agronomy staff are readily available to help Food Producers and End-Users achieve their maximum production and profit potential.

Hensall Co-op also offers Food Producers food grade contracts in a number of edible bean and food grade soybean varieties. We are committed to being an industry leader in providing our customers with quality beans to meet required specifications. Quality is our #1 priority and our Quality Assurance Department works diligently with our Field Marketers and Food Producers to ensure quality is maintained from seed to market. Our staff perform continuous system improvements, attain required certifications and constantly upgrade qualifications to exceed the challenges of new developments and food safety requirements.

Hensall Co-op recognizes the importance of maintaining a controlled food monitoring system to ensure regulatory requirements are met and understood. Hensall Co-op is focused on maintaining numerous quality and traceability certifications and programs:

- HACCP (Hazard Analysis Critical Control Points)
- CIPRS (Certified Identity Preserved Recognition System)
- Safe Quality Food Certification

We offer edible beans and food grade soybeans to buyers on a global scale, remaining committed to being a reliable supplier to our current customers as well as developing new relationships. Your food-grade crops are in meals served to families around the world and we thank you for working with us to provide a consistent, safe, and traceable food product year after year.



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