



Identity Preserved Soybean Seed Guide

2025

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Message from Crop Retail General Manager

As the Crop Retail General Manager of Hensall Co-op, I'm excited to introduce our Food Grade Soybean Seed Guide. This guide represents our commitment to providing Canadian farmers with high-quality seed varieties tailored for the growing food-grade soybean market.

Food-grade soybeans are an increasingly vital component of the agricultural landscape. This is driven by the demand for soy-based products such as tofu, soy milk, and other health-conscious food options for both North American and international markets. At Hensall Co-op, we recognize the importance of matching the right seed variety to your farm's specific conditions to maximize yield, quality, and profitability.

A key part of our success comes from our dedication to research and development. Hensall Co-op continuously invests in bringing new genetics and agronomic traits to the forefront, ensuring that our farmers have access to the latest advancements in soybean production. Our commitment to innovation allows us to offer varieties with enhanced disease resistance, improved adaptability, and higher performance in diverse environmental conditions, helping our growers stay competitive in an evolving market.

In this guide, you'll find comprehensive information on the varieties we offer, including insights into their agronomic characteristics, disease resistance, and adaptability to various soil types. We've selected these varieties based on rigorous field testing and feedback from growers, ensuring that every option provides the consistency and performance required by today's market.

Our team of Field Marketers, Agronomists, and Sales Representatives are here to support you every step of the way—from seed selection through harvest. Whether you're looking to fulfill contracts for specific food-grade soybeans or explore new opportunities in this evolving sector, this guide will serve as a trusted resource in making informed decisions.

Thank you for choosing Hensall Co-op. We look forward to partnering with you for a successful growing season.

Sincerely,

Jim Barclay
Crop Retail General Manager
Hensall Co-op



Variety Highlights

S01-D5 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

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

S16-B8 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

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

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

S12-J7 Silverline

SCN
Resistance

- Performs best on well drained soils
- Excellent phytophthora rating
- Rpslc/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

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

S07-M8 Silverline

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

RM 0.8 CHU 2750

S20-W9 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 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

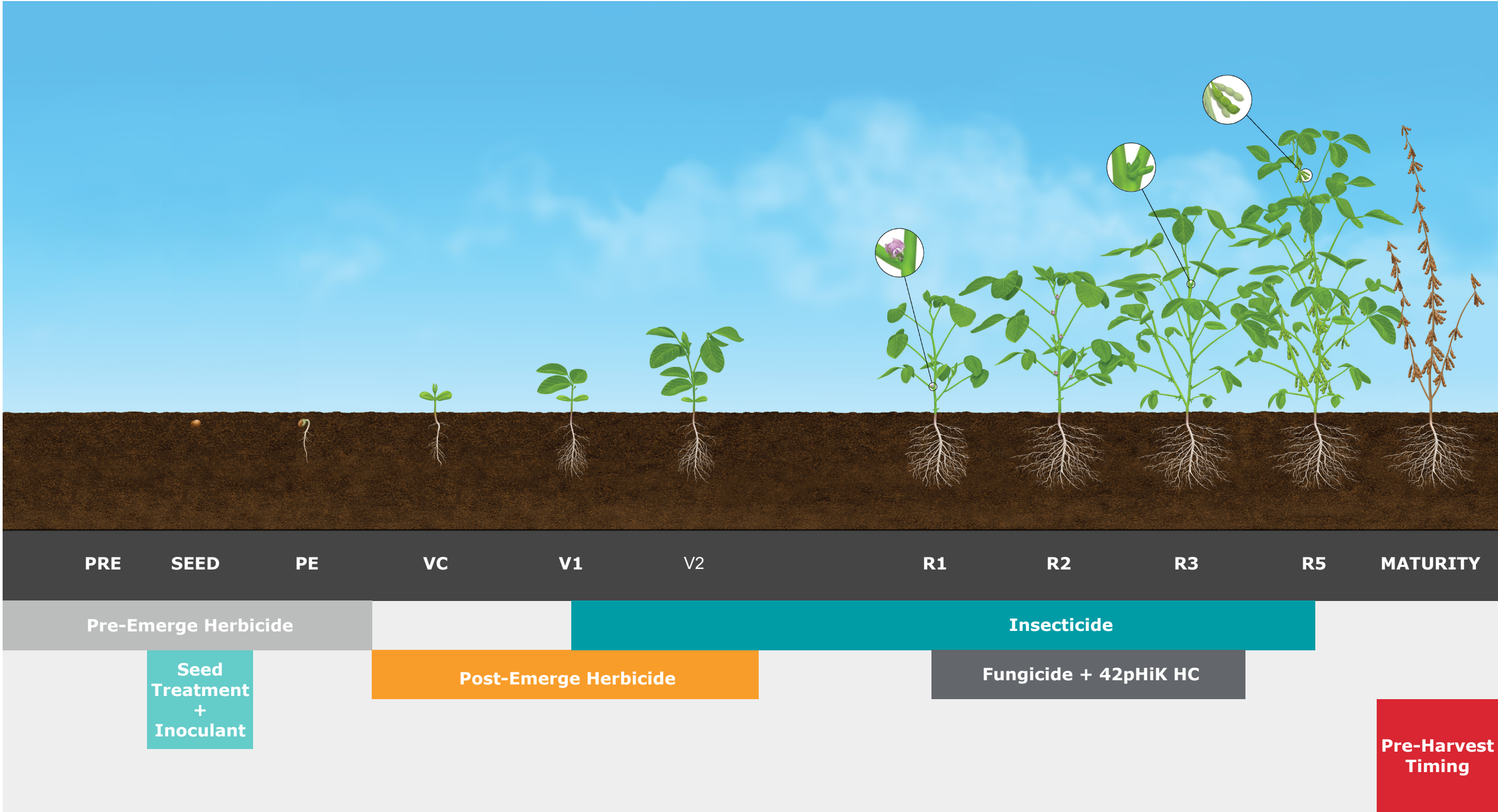
Agronomic Chart

Variety	Seed Brand	Specialty Trait			Relative Maturity	Heat Unit Rating	Pubescence	Flowers	Pod Colour
		Tofu	Miso	Beverage					
S01-D5	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
S16-B8	Silverline	?	-	?	1.8	2925	Tawny	Purple	Tan
HDC Blake	Hensall Co-op	✓	-	✓	1.9	2975	Grey	Purple	Tan
S20-W9	Silverline	?	-	?	2.0	3000	Grey	Purple	Brown
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	Tall	Average	15" - 30"	Average	Average (43-44%)	Pending	-	1900	✓

*Certain restrictions apply. See www.pbrfacts.ca for more details
 **Patent protected varieties require signed Stewardship Agreements

Growth Chart



Planting Guidelines

Seed Rate & Row Spacing

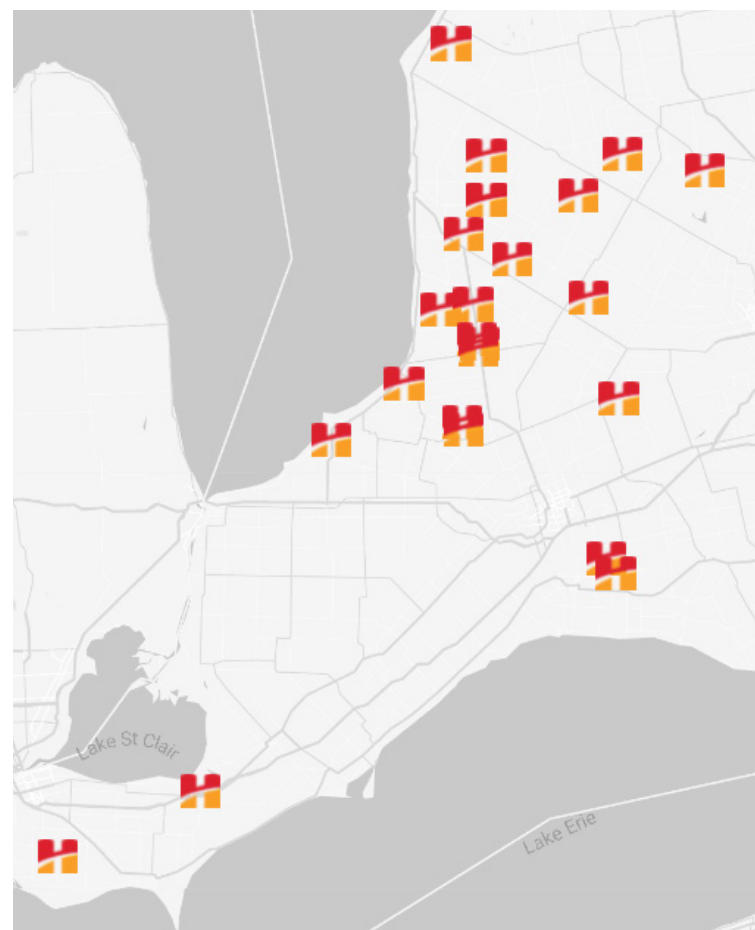
SOYBEANS	Row Width	Seeds Per Pound				Seeds per Foot of Row	Seeds per Acre
		1800	2000	2200	2400		
	7 Inches	117	105	95	88	2.9	210,000
14 Inches	100	90	82	75	4.8	180,000	
21 Inches	92	83	75	69	6.5	165,000	
30 Inches	83	75	68	63	8.5	150,000	



Cost of Production

	Crush (Commodity) Soybeans	Food Grade (IP) \$4.50 Premium	Growers Costing (\$ per Acre)
Seed	\$82.00	\$96.56	
Fertilizer	\$75.00	\$75.00	
Pesticides	\$44.98	\$85.00	
Total Inputs	\$201.98	\$256.56	
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	\$358.94	\$411.94	
Yield per Acre (bushel)	55 bu	50 bu	
Price per Unit	\$12.75	\$17.25	
Total Gross / Acre	\$701.25	\$862.50	
Return / Acre (without land rent)	\$342.31 (RR2 Soys)	\$450.56 (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 require to serve and improve their farming operations. Hensall Co-op offers crop products at several locations throughout Southern Ontario and is focused on providing quality products and services. Our Field Marketers work alongside Food Producers to identify solutions for the challenges Food Producers encounter 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



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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. Alongside our Food Producers, Hensall Co-op has developed a strong reputation for delivering top-quality beans with exceptional sustainability and traceability using our FieldTrace® program.

By combining both economic and agronomic recommendations, our Grain Marketing and Agronomy staff are always available to help Food Producers and End-Users reach their maximum production and profit potential. Their guidance ensures the highest standards are maintained throughout the entire process.

For Food Producers, Hensall Co-op offers food-grade contracts across a variety of edible bean and soybean varieties. As an industry leader, we are dedicated to providing customers with beans that meet required specifications. Quality remains our top priority, and our QA (Quality Assurance) department works closely with our Field Marketers and Food Producers to maintain excellence from seed to market. Continuous system improvements, certification attainment, and qualification upgrades enable us to meet new developments and food safety requirements effectively.

Understanding the importance of maintaining a controlled food monitoring system, we ensure that all regulatory requirements are met and well understood. To maintain our high standards, Hensall Co-op is dedicated to upholding numerous quality and traceability certifications and programs, including but not limited to:

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

Edible beans and food-grade soybeans are supplied to buyers on a global scale, and we remain committed to being a reliable partner for existing customers while fostering new relationships. The food-grade crops we provide play a role in meals served to families worldwide, and Hensall Co-op extends its gratitude to everyone working with us to ensure a consistent, safe, and traceable food product year after year.



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