



SOYBEANS GUIDE

2026





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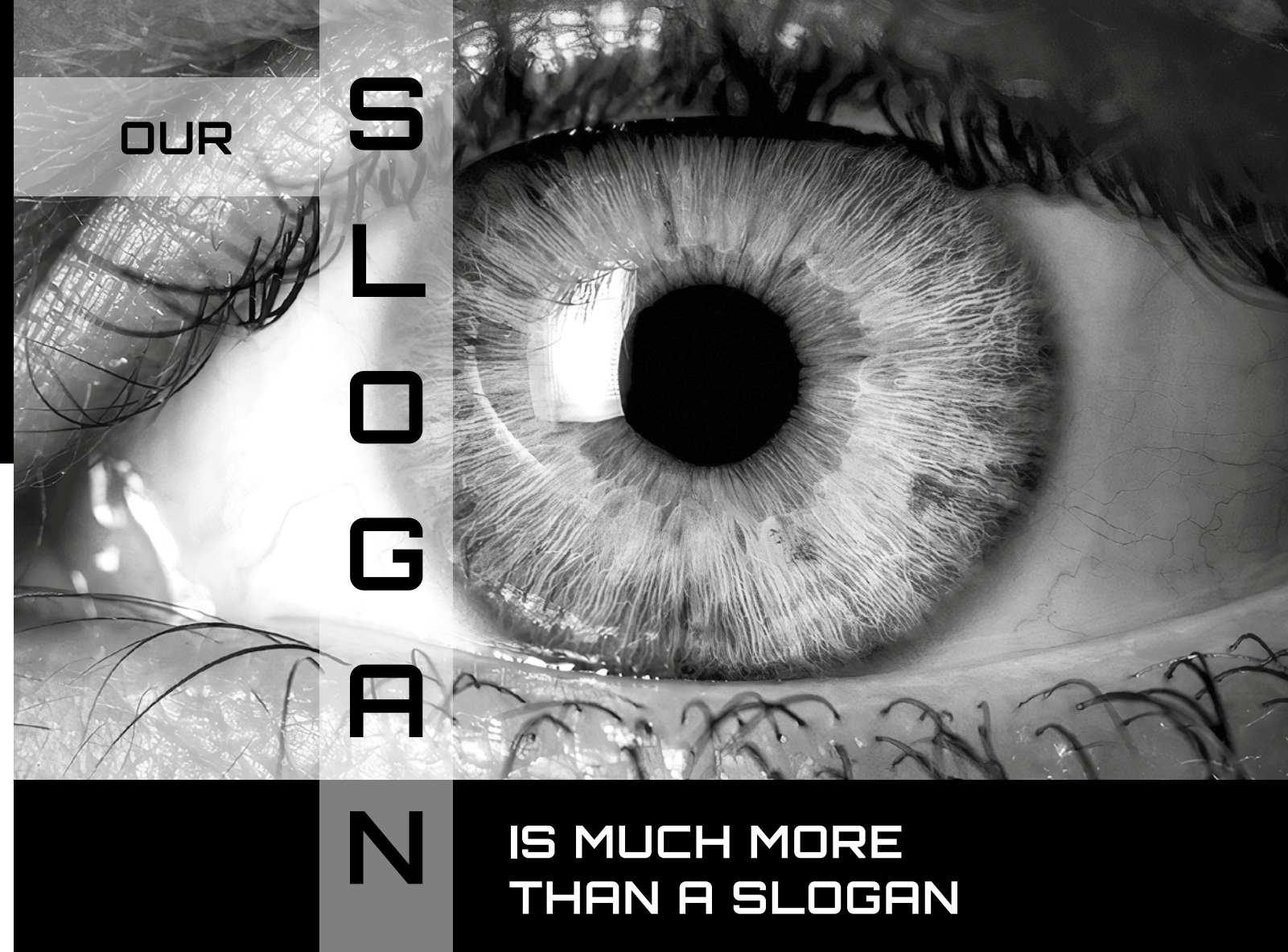
SOYBEANS

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PRECISION AG

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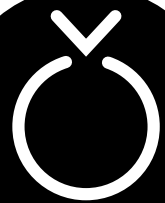


GROW CROPS DIFFERENTLY

IT REPRESENTS OUR MISSION

"Supporting agricultural producers to make them more productive"

PREFACE



Jocelyn Tousignant, agr.
Seed Manager

Jocelyn.tousignant@synagri.ca



Christian Duchesneau
agronomist

FORAGE



Mylène Desautels
agronomist

CEREALS



Samir Aoudia
agronomist

SOYBEANS



PREFACE

As you browse through our 2024-2025 guide, you will discover several new features in our forage seed section, designed to keep our portfolio effective and aligned with the current needs of our clients.

I also invite you to explore our section on Synagri IP Soybeans. We are making changes to our marketing approach to offer enhanced local service to our producers.

Our seed offerings go far beyond what is presented in this guide. For many years, we have trusted Dekalb for GMO corn and soybeans. To meet the growing demand for conventional and organic corn, we collaborate with Horizon Seeds and now with the French company Caussade, a global leader in organic corn seed.

It is important to note that Synagri operates its own seed quality laboratory. We ensure that our products meet or exceed the requirements of various industry regulations. A seed bag bearing the Synagri logo is a symbol of quality.

Enjoy reading our 2024-2025 seed guide!

Jocelyn Tousignant, agr.
Seed Manager



3 and 5 star Granular

3 and 5 Star fertilizer,
more than a high-quality
product line.



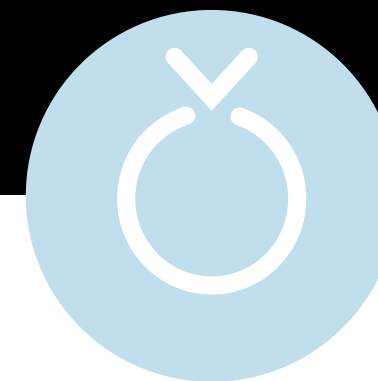
3 and 5 star Liquid

No compromise when it comes
to performance with our 3 and 5 Star
liquid starters.



YARA

Yara is a global company involved
in the production of innovative
and efficient products.



N-POWER BLUE

A unique, synergistic, nitrogenous
solution with a less
volatile composition.

OUR FERTILIZER

We are committed to developing and distributing
high-quality fertilizers that help agricultural producers
optimize their yields.

If you are looking to improve the quality and yield
of your crops, or if you simply need advice on crop
nutrition, feel free to contact your Synagri agent
or representative.



Regular

High-quality regular granular and liquid
fertilizer.



Amendments

Liming products, leveraging
our soils and fertilizer.

QUALITY ASSURANCE

The seed sector is a constantly evolving industry. Increasingly, seeds serve as the primary carriers of new technologies and represent the essence of the varieties we trust. It is essential to establish rigorous quality control measures to ensure complete integrity.

Throughout the production process, our varieties undergo systematic inspection, sampling, analysis, and evaluation of their germination levels. At each stage, they must adhere to the standards outlined by the Seeds Act and the Regulations of the Canadian Food Inspection Agency (CFIA). The Canadian Seed Grower Association establishes guidelines for field production and issues crop certificates. Now, It's SEED CANADA who is representing seed growers, analysts, breeders, distributors, processors, retailers, service providers and all stakeholders along the seed value chain from coast to coast. Synagri actively participates in all these associations to meet the highest quality standards.

Through its accredited laboratory, Synagri offers germination analysis services for the species listed in Tables 1 to 10 and 18.

A high-quality seed is the first guarantee of a successful harvest!

You are aiming for the
ORGANIC
Market!

We offer seeds and
products adapted to
your needs.

- Cereals
- Forage
- Corn
- Soybeans
- Fertilizers
- Crop protection and health products



Products labelled as GMO-free are gaining traction in the consumer market. Whether from Asia, Europe, or America, many consumers seek information about the origin and traceability of products containing GMOs. At Synagri, we offer a comprehensive portfolio of GMO-free products, including soybeans, corn, grains, and forage plants.

SOYBEANS

For several years, we have been offering a diverse range of conventional Synagri and Belcan soybeans, including GMO-free options. These soybeans cover a range of Corn Heat Units (CHU) from 2,500 to 2,900. All our conventional soybeans can be ordered with or without seed treatment.

CORN

Synagri has enhanced its conventional corn range with the addition of a new supplier, Lidea, via Caussade Semences Pro. Lidea supplies organic corn hybrids and some conventional hybrids. These hybrids are produced in France, in a GMO-free zone, which guarantees 0.1% GMO content, and their standard is 0.01% GMO. Horizon Seeds continues to offer us several high-performing conventional hybrids. Those hybrids are evaluated by various growers in Quebec and Ontario. These non-GMO hybrids perform exceptionally well under our conditions. All seed lots undergo PCR analysis (% GMO) by an accredited laboratory. The results are provided to all producers who request them before seed delivery. This ensures that the future buyers' standards are met, as it all begins with the seed.



SOYBEANS



Daniel Barré, MBA
Corn and Soybean Expert
daniel.barre@synagri.ca



Proud to Help Feed the World

For several years now, we have been evaluating several IP soybean varieties and continue to do so. Last year, we evaluated our different varieties according to different standards at CEROM. You can see the results for each of them.

We buyback all crops grown from our varieties through two trusted partners:

Synagri Range: Significant changes occurred last year. Marketing will now be managed directly by Synagri, led by Mr. Francis Legendre, Seed Supply Coordinator (francis.legendre@synagri.ca). With over 14 years of experience at Synagri and collaborations with major grain merchants such as Bunge (now G3), Luthi-Grains, Élevateurs Desjardins, and Nova-Grain, Mr. Legendre brings a wealth of expertise to our operations.

Belcan Seeds Line: For this range, we collaborate with St-Lawrence Beans, utilizing their facility in Sainte-Marthe.

Lastly, our dedicated teams are here to support you every step of the way, from planting to harvest.



	PRODUCT DESCRIPTION								
	IP VARIETIES								
CHU	2650			2725			2750		
VARIETIES	KYOTO			IKEDA			KAGAWA		
Seeds/kg (variable indicative data)	4,800-5,400			4,000-4,500			4,000-4,500		
Row Spacing (inches)	7	15	30	7	15	30	7	15	30
No. of Seeds Planted (seeds/ha)	550	500	450	450	425	400	500	475	450
Seeding Rate (kg/ha)	110	100	90	104	97	92	118	110	106
Seeding Rate (lb/ac)	98	89	80	93	86	82	105	98	94
No.of Seeds Planted (seeds/10 feet)	29	56	102	24	48	90	26	54	102
Type of Plant	semi-bushy			semi-bushy			semi-bushy		
Height of Plant	average			average			average		
Hilum Color	yellow imperfect			yellow imperfect			yellow imperfect		
Protein Level (%) (variable indicative data)	42.5			41.6			42.6		

Height of plant: 1 = low 3 = average 5 = high

Protein and gr/kg = variable indicating data

KYOTO... new reference against *White Mold*

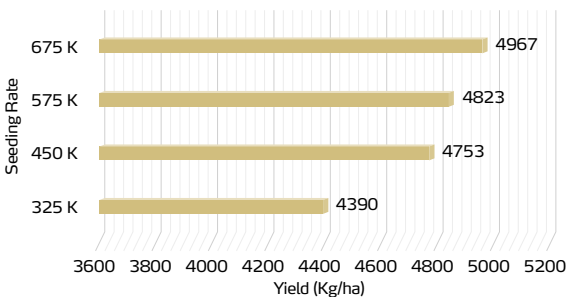
(2650 CHU)

- Variety with outstanding agronomic qualities
- Excellent standability
- Consistently high performance under our conditions
 - RGCQ* 2021 (average 1 year) 103%, RGCQ (2020-2021) 100%
 - OSVT 2022 (Ontario 2 years) 102%
 - OSVT 2022 (Ontario 2 years) 105% Ottawa
- Good protein level at 42,8% - RGCQ* 2022
- Excellent resistance to *White Mold*, the best rating at the RGCQ 2013,2014, 2015, 2016, 2017, 2018 and 2019 with an index 0.7

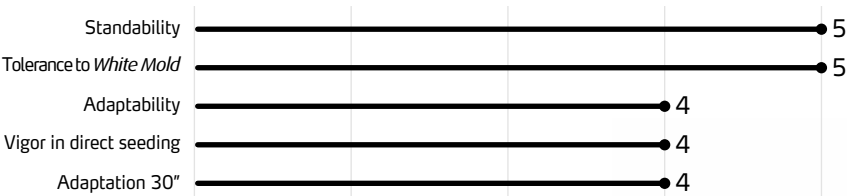
MANAGEMENT:

- Optimal every 15 inches (seeding rates 500 K seeds/ha) : Synagri R&D 2022
- Performs well with 7 to 30-inch spacings
- Adapted for direct seeding
- Suitable for all types of soil

KYOTO (2650 CHU)
Yield Trial (kg/ha) according to spacing and seeding rate (grains x 1,000/ha) - Synagri R&D 2023



Research results from CEROM in 2024 confirm that higher seeding rates yield better yields. A rate of 500K/ha at 15 inches yielded the best yield. At 30 inches, a rate of 450K/ha yielded the best yield; 500K/ha at 30 inches was not evaluated.



Features Index 1 to 5 (5 having the best performance)



Your soybean partner.

Sevita develops quality food-grade varieties that are in demand in the highest value soybean markets in the world. Varieties that are bred in Canada to perform on Canadian acres. We continue to add new GM varieties with an array of industry-leading traits that allow you to take advantage of highly efficient weed control systems, resulting in improved yields and ultimately maximizing return on investment in your acres.

Whether you grow food-grade or GM, we have the right soybean for your fields.



SCAN THE QR CODE TO SEE
A FULL LIST OF VARIETIES

IP SOYBEANS



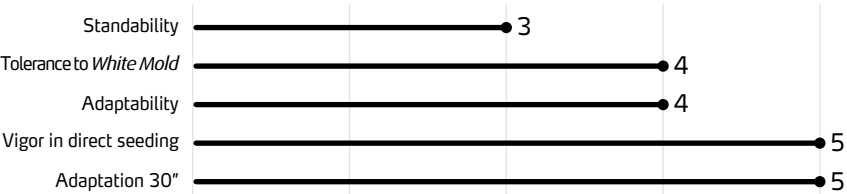
IKEDA... yield for your direct seeding with 30-inch spacing

(2725 CHU)

- Soybean that branches; ideal for seeding with 30-inch spacing
- Excellent spring vigour
- Good yield for all spacings
 - RGCQ (2020-2021) 107%
 - RGCQ 30 inches (2020-2021) 112%
- Healthy plant
- Good standability

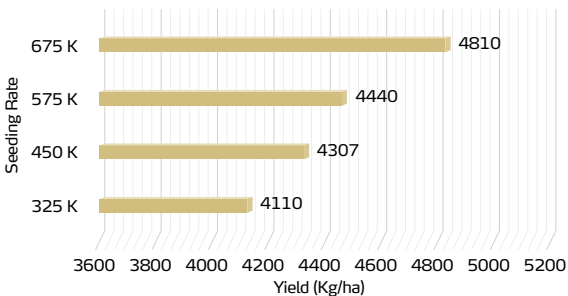
MANAGEMENT:

- Optimal at 15 & 30 inches (seeding rate 500 K & 350 K grains/ha respectively): R&D Synagri 2022
- Performance in all types of soil and suitable for direct seeding



Features Index 1 to 5 (5 having the best performance)

IKEDA (2725 CHU)
Yield Trial (kg/ha) according to spacing and seeding rate (grains x 1,000/ha) - Synagri R&D 2023



The research results carried out at CEROM 2024 confirm that the best seeding rate at 30 inches is 350K/ha while for 15 inches 500K/ha gave the best yield but a lower seeding rate also did very well.

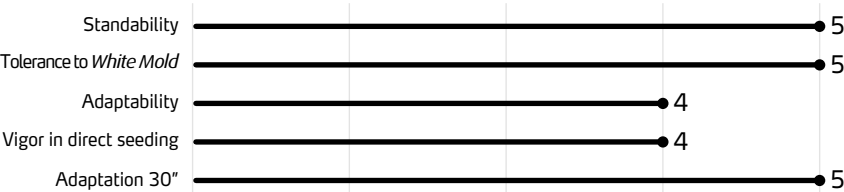
KAGAWA... yield and excellent tolerance to *White Mold*

(2750 CHU)

- Excellent tolerance to *White Mold* with a score of 1.0 RGCQ 2019
- Excellent standability
 - RGCQ* 2022 (average 1 year) 106%
 - OSVT 2022 (average 3 years) 100% Winchester
 - OSVT 2021 (average 2 years) 105%
- Good protein level at 43,6% at RGCQ* 2022

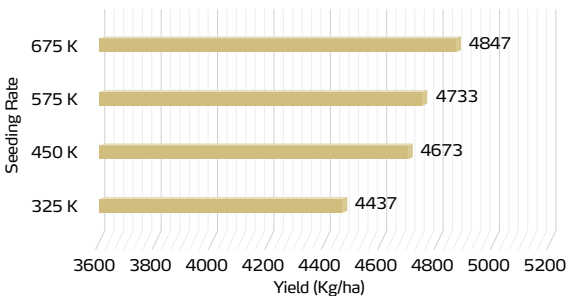
MANAGEMENT:

- Optimal at 15 & 30 inches (seeding rate 500 K & 475 K grains/ha respectively): R&D Synagri 2022



Features Index 1 to 5 (5 having the best performance)

KAGAWA (2750 CHU)
Yield Trial (kg/ha) according to spacing and seeding rate (grains x 1,000/ha) - Synagri R&D 2023



Soybean seed drill calibration chart - Synagri 2024 -2025																
Soybean Seeding Rate		Number Seeds per 10 Feet			Seeding Rate in kg/ha - (lb/ac) According to Seed Size (seeds/kg)											
					4, 000		4,400		4,800		5,200		5,600		6,000	
seeds/ha	(seeds/ac)	7 po	15 po	30 po	kg/ha	(lb/ac)	kg/ha	(lb/ac)	kg/ha	(lb/ac)	kg/ha	(lb/ac)	kg/ha	(lb/ac)	kg/ha	(lb/ac)
300,000	(120,000)	16	34	68	74	(66)	67	(60)	62	(55)	57	(51)	53	(47)	49	(44)
350,000	(140,000)	18	40	79	86	(77)	79	(70)	72	(64)	66	(59)	62	(55)	57	(51)
400,000	(160,000)	21	45	90	99	(88)	90	(80)	82	(73)	76	(68)	71	(63)	67	(60)
450,000	(180,000)	24	51	102	111	(99)	101	(89)	93	(83)	85	(76)	79	(71)	74	(66)
500,000	(200,000)	26	56	113	124	(110)	112	(100)	103	(92)	95	(85)	88	(79)	82	(73)
550,000	(220,000)	29	62	124	136	(121)	124	(110)	113	(101)	105	(93)	97	(86)	91	(81)

Faster Nodulation. Stronger Soybeans.

Optimize® FXC DS is a super-concentrated inoculant packed with two elite strains of *Bradyrhizobium japonicum*. Powered by exclusive LCO Promoter Technology™, Optimize® FXC DS kick starts early nodulation and maximizes nitrogen fixation, driving faster growth, stronger plants, and bigger yields across a wide range of field conditions. More nodules. More nitrogen. More return.

Optimize® FXC DS

See your local retailer today.

BIOLOGICALS



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ag.FMC.com/ca | 1-833-362-7722

ACTIVÉ PAR/ACTIVATED BY/ACTIVADO POR

**Oligo
Prime®**

CropBooster®

Exclusive to Synagri



We've got you covered.

Include **CropBooster® OP** in your corn post emergent herbicide programs to alleviate unwanted abiotic stress caused by herbicides and weather/soil conditions.

CropBooster® OP will deliver additional on farm profit of \$42/acre!

It's guaranteed!*

* The manufacturer will guarantee a minimum yield increase equal in value to the input cost of the purchased CropBooster® OP. See the CropBooster® OP guaranteed performance program for details.





IP AND ORGANIC
PRODUCTION
CONTRACTS



	PRODUCT DESCRIPTION					
	Belcan Seeds VARIETIES					
CHU	2650			2700		
VARIETIES	OAC CHAMPION			OAC EVOLUTION		
Seeds/kg	5,000			5,000		
Row spacing (inches)	7	15	30	7	15	30
Number of seeds planted (x 1000)/ha *Ideal Rate	500	*500	475	450	*437	*350
Seeding rate (kg/ha)	100	90	84	90	84	80
Type of plant	Semi-bushy			Semi-bushy		
Height of plant (cm)	86			87		
Hilum colour	Imperfect yellow			Imperfect yellow		
Protein level (%)	42.0			40.0		
Yield	4.0			5.0		
Standability	4.0			4.8		
Disease resistance	4.5			4.5		
Adaptability	4.2			4.0		
Vigor	4.0			5.0		
Adaptation 30 inches	4.0			4.0		

Height of plant: 1=small, 3=mean, 5=high
The protein level and seeds/kg are only informative

OAC CHAMPION | 2650 CHU

- Excellent tolerance to *White Mold*
- OSVT 2024; 93%
- Very high demand on the IP market
- IP and Organic production contract available

OAC EVOLUTION | 2700 CHU

- Excellent tolerance to *White Mold*
- Excellent yield potential
- OSVT 2024; 107%
- Open loop (No harvest buyback obligations)



THE HERBICIDE EQUIVALENT OF A SNEAK ATTACK.

Introducing residual control for corn that's unlike any other.

This is no ordinary residual. Surtain™ herbicide is a first-of-its-kind formulation that unleashes a sneak attack on broadleaf and grassy weeds in corn. Applied from pre- to early post-emerge, this powerful combination of Group 14 and 15 chemistry offers residual endurance, making Surtain an excellent tank-mix partner. And when it strikes, emerging weeds won't know what hit them. Visit agsolutions.ca/surtain to learn more.

Surtain™
Herbicide

BASF
We create chemistry

Always read and follow label directions.

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PROUD TO BE PART OF YOUR STORY



This shirt has stories to tell. About amazing yields, once-in-a-hundred year storms and getting the last acre of seed in before the weather turns. It's been there for you. And so has the name on the front. DEKALB® will never stop delivering high-performing corn and soybean seed with the advanced genetics and traits you depend on, all backed by Bayer. No wonder it's the brand farmers are most willing to recommend*.



#MakingHistory

DEKALB.ca | 1 888-283-6847 | @DEKALB_Canada | @Bayer4CropsCA

* Source: Stratus Ag Research (2024)

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It is recognized that the likelihood of maximizing soybean yields increases with early planting. This practice strongly encourages the use of a starter fertilizer, which promotes faster plant emergence in cooler soil conditions compared to late planting. A starter fertilizer containing phosphorus and a small amount of nitrogen is beneficial, as these two nutrients promote early root development, which in turn stimulates nodule formation and nitrogen fixation.

The nitrogen in the starter fertilizer supports root development without replacing or hindering nodule development. On the contrary, a well-developed root system enables leaves to engage in photosynthesis more quickly, thanks to the supply of fertilizing elements. Well-developed leaves can provide sugars to the nodules, which, in turn, supply nitrogen to the plant and so on. Yields are maximized when the nodules can rapidly and abundantly supply nitrogen to the plant.



STARTER
IN SOYBEAN

RESULTS

a highly recommended approach

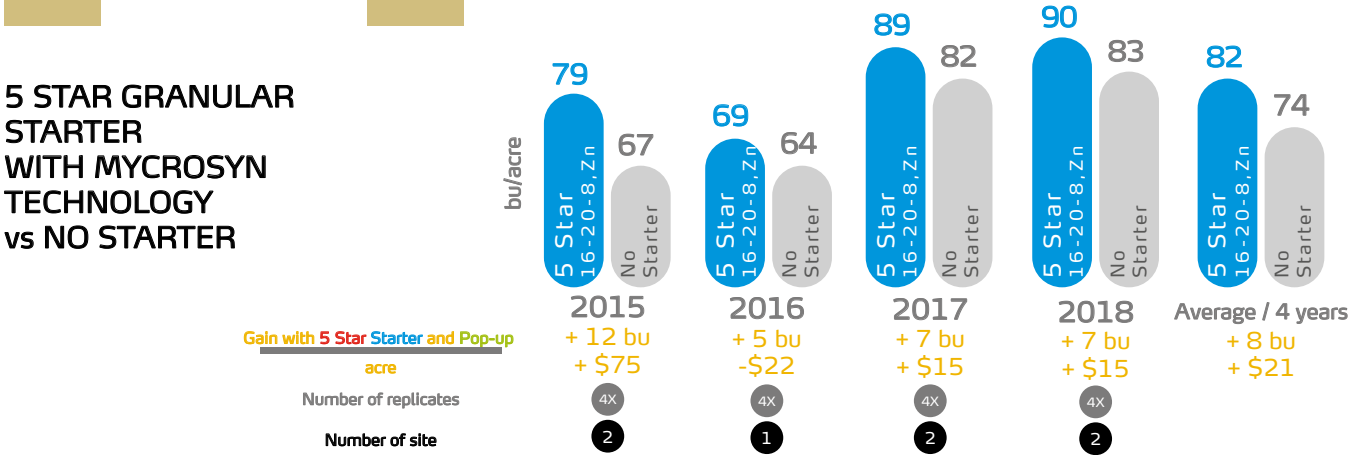
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NITROGEN

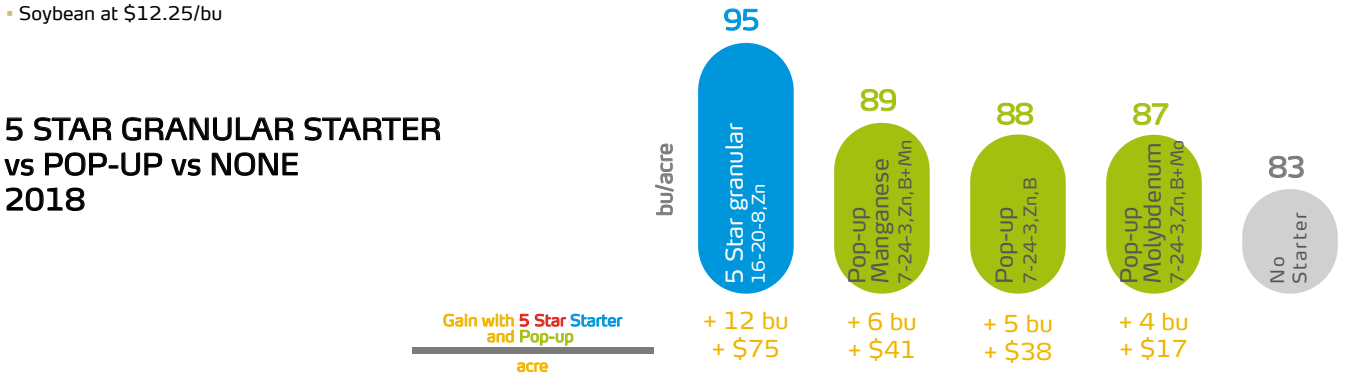
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PHOSPHORUS

5 STAR GRANULAR STARTER WITH MYCROSYN TECHNOLOGY vs NO STARTER



5 STAR GRANULAR STARTER vs POP-UP vs NONE 2018





You've always done what's right for you — for your farm and for your soybeans. At UPL, we respect that independent spirit and want you to know we'll be there for you when you need smart, innovative solutions that make sense for your operation. Talk to your UPL rep or retailer to learn more or visit uplcanadaeast.ca to see our entire soybean portfolio.

UPL. A proud supporter of your way.



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WEED PREVENTION FROM THE GROUND UP

In the battle against tough weeds, soybean growers can let their soil do the fighting. Authority[®] Supreme herbicide, applied pre-plant or pre-emergence, creates a powerful soil-based defence that weeds can't get past. The effective Group 14 and Group 15 combination delivers broadleaf and grassy weed control that keeps soybeans clean through the critical weed-free period.

Ask your local retailer how you can save up to \$5/acre when you purchase Authority[®] Supreme herbicide and a Bayer Sencor[®] product.



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PRECISION AG



Precision agriculture is a farmland management principle which aims for the optimization of yields and investments according to the environmental variabilities. The ultimate objective is to increase yield with the same surface of land: less pesticides, less fertilizers, less seeds, less fuel, and less hours of labour to obtain the same harvest.

Stéphane Gagnon, agr.
Agronomic Data Manager
stephane.gagnon@synagri.ca



**We are experts
who can help you
improve your land's
profitability.**

**Contact your Synagri
representative for
more information on
our services.**



GPS Soil Analyzes
Wintex hydraulic probe
Standard 6-inch sample depth



Soil Analyzes
Comprehensive and easy-to-understand analysis report



Georeferenced Mapping
Comprehensive visual report of the state
of field fertility



**Recommendations for
Lime and Variable-Rate Fertilizers**



**Recommendations for Nitrogen
and Variable-Rate Seedling**



Digital Farming Management Platform
Agronomic management of your
fields with our representatives and experts
in digital agriculture

YOUR HARVEST

THE MORE YOU KNOW, THE BETTER YOU'LL GROW.



Turn smart farming today, into even smarter farming tomorrow. FieldView™ gives you the tools you need to analyze yield data and turn this year's harvest data into actionable insights for next year, to help you make the most of every season to come.

With FieldView,
IT'S ALWAYS **KNOWING SEASON.**



VISIT [CLIMATEFIELDVIEW.CA](https://climatefieldview.ca) TO LEARN MORE.

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Increase your average yields in corn
with BioSYN+ biostimulant

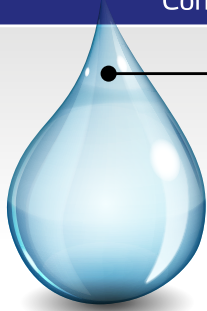
↑ **6.0%** @ **11.4 bu/ac** ↑

Increase your net income*
(based on a corn price of \$5.85/bu)

56 \$/ac *Including the cost of the product

FARM ACRES IN CORN	ADDITIONAL BUSHEL YIELD	NET ADDITIONAL INCOME
Based on an initial corn yield of 190 bu/ac		
100	1 140	\$5 669
250	5 700	\$28 345
500	11 400	\$56 690
1 000	28 500	\$141 725

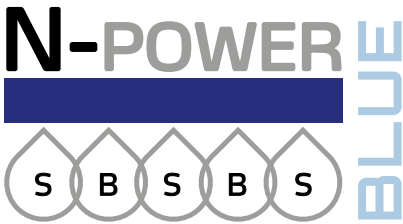
Corn price set at \$5.85/bu



BioSYN+
It is mixed with our superior
quality liquid fertilizers

Powered by
Mosaic
BIOSCIENCES™

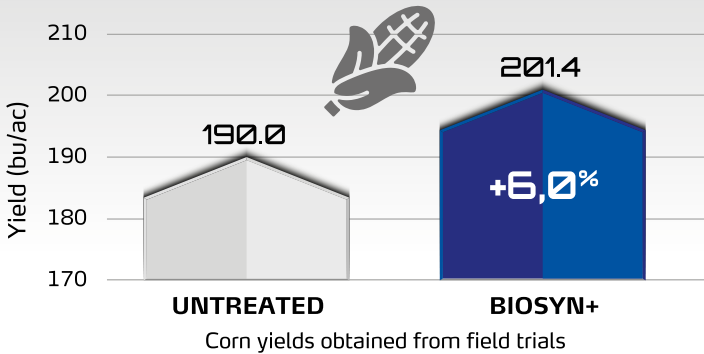
**GUARANTEE UNIFORM
DISTRIBUTION AND COVERAGE**



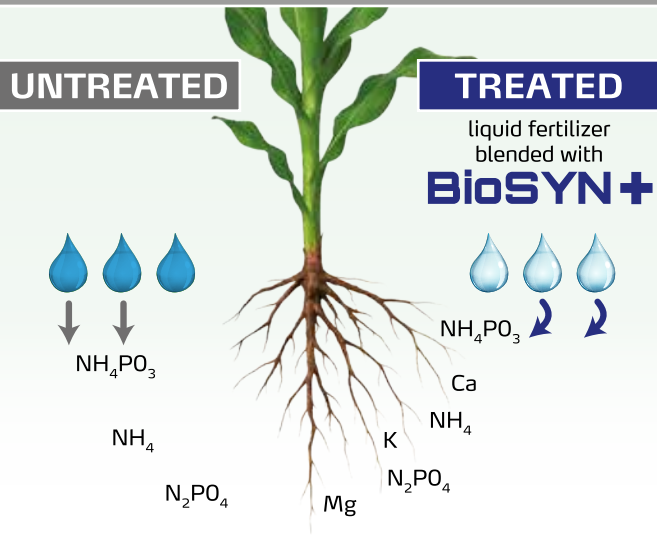
BioSYN+

FORMULATED WITH BACTERIAL STRAINS
THAT PROMOTE PLANT GROWTH

THE TECHNOLOGY THAT MAKES BIOSTIMULANT
AVAILABLE TO EVERY PLANT



Ease of application –
no special storage conditions



BioSYN+ improves

- Root development
- Plant vigor
- Yield potential and harvest quality
- Return on fertilizer investment



Knowledge grows

Growing a Nature-Positive Food Future

Yara's combination of agronomic knowledge, digital tools and high-quality crop nutrition solutions enable us to support farmers worldwide, optimize yields, produce healthier crops, and enhance soil health.



Yara collaborates with partners to support local growers by delivering solutions that improve nutrient and water use efficiency, advocate for 4R nutrient stewardship and by sharing our more than 100 years of knowledge in crop nutrition.



For more than 10 years, we committed R&D resources to build biostimulant solutions backed by 55 years of formulation knowledge, ensuring the products are safe, effective, easy to use, and will contribute to a resilient food system.



Our global ambition is to grow a nature-positive food future through climate neutrality, regenerative agriculture and grower prosperity.

Contact your Yara representative to partner today.

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Jerome.Blouin@yara.com

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Sales Agronomist – Eastern Canada
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North Shore Region

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Road
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J0K 2J0
450-752-1081

East Ontario Region

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Chesterville, ON
K0C 1H0
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