BREVANT™ seeds

2019 PRODUCT GUIDE

CORTEVA™ agriscience

Agriculture Division of DowDuPont

BREVANT™ seeds

WE BELIEVE IN MAKING YOUR LIFE EASIER

Choosing seed varieties to plant can be like running a gauntlet with choices and promises coming at you from all sides. Brevant™ seeds wants to change all that. Our focused portfolio of products is designed to give you consistent, reliable performance year after year. You will get the latest innovations from the best-in-class global R&D program from Corteva Agriscience™, combined with the assurance that all of our hybrids and varieties are tested locally so you can be confident they will perform on your farm. We're here in your community, ready to answer questions, solve problems and support your business. We're here to serve you.

CONTENTS

No matter what your growing conditions, Brevant™ seeds grain corn hybrids are perfect for your farm. Locally tested, with consistent, reliable results you can count on year after year.

BREVANT™ seeds

GRAIN CORN

NAMING SYSTEM

BREVANT™ SEEDS CORN

Our corn hybrid naming system makes it easy to see at a glance what each hybrid brings to the table in terms of crop type, traits, maturity and more.

GRAIN CORN – All start with "B" for Brevant and the numbers 1 to 6 in the last digit position tell you it's a grain corn hybrid.

SILAGE CORN – Look for the numbers 7, 8 or 9 in the last digit position to tell you whether the silage corn hybrid you're considering is a TMF, BMR or a Unified™ corn silage hybrid with SilaSoft™.

HYBRID	TRAIT	CHARACTERISTICS
B79N56PWE CHU 2300 RM 79	POWERCORE™ Enlist Corn	• Part of the Enlist™ weed control system • High yielding and early flowering • Good stalk quality and late-season intactness • Good test weight and grain quality • Good ear flex with long ears and deep kernels
B81N65PW CHU 2400 RM 81	POWERCORE™	• Hybrid featuring the PowerCore™ trait which provides broad-spectrum above-ground insect pest control • Consistent sized ears down the row with good tip fill, fast grain drydown and good grain quality • Great agronomics including drought tolerance, solid stalks and roots • Excellent emergence and early vigour make this hybrid well adapted to early planting
B83R15PW CHU 2500 RM 83	POWERCORE® REFUGE ADVANCED	• Hybrid featuring the PowerCore trait which provides broad-spectrum above-ground insect pest control • Very high yield potential in productive environments • Strong emergence in cool, wet soils and well adapted for early planting • Very good late-season stay green, plant intactness and overall stalk strength • Good response to fungicide application
B86R11SX CHU 2650 RM 86	SmartStax®	• Consistent performance across environments • Very good grain quality and test weight • Good fall drydown with excellent late-season intactness

HYBRID	TRAIT	CHARACTERISTICS
B90R02SX CHU 2800 RM 90	SmartStax	• Medium-tall hybrid with excellent top-end yield potential in productive environments • Solid agronomics including strong stalks and roots suitable for delayed harvest • Excellent disease package and good late-season intactness • Flex ear type adapts well to variable plant densities
B92R15SX CHU 2825 RM 92	SmartStax	• Strong early-season emergence and vigour for cool, wet soil conditions • Solid season-long stalks and late-season intactness make this a good candidate for delayed harvest • Good general tolerance to leaf diseases, including very good tolerance to NCLB • Very good ear flex to support low to moderate plant populations
B92R82SX CHU 2825 RM 92	SmartStax	• Stable, early flowering hybrid with solid agronomics including strong emergence and early-season vigour, excellent drought tolerance, good disease tolerance and stay green • Good stalks and roots and flex-type ear with excellent grain quality • Strong response to fungicide application
NEW **B00R25PW** CHU 3025 RM 100	POWERCORE REFUGE ADVANCED	• Strong yield potential and widely adapted hybrid • Good ear development, tip fill and deep kernel depth • Solid agronomic package for stalks and roots • Strong disease package for NCLB and eyespot • Best performance in and north of zone

HYBRID	TRAIT	CHARACTERISTICS
B01R72SX CHU 3050 RM 101	SmartStax	• Medium length ear with good kernel size and great kernel depth • Strong roots with average late-season stalks • Excellent hybrid to utilize in areas with potential nitrogen deficiencies
NEW **B04R25PW** CHU 3125 RM 103	POWERCORE REFUGE ADVANCED	• Dominant yield performance • Good plant health and agronomics • Consistent ears with very deep kernels • Responds to late-season fungicide applications
B04R96SX CHU 3125 RM 104	SmartStax	• A solid hybrid with new genetics delivering impressive yields • Good agronomics including strong stalks and roots, good drought tolerance and disease package • Girthy ear will flex at moderate populations
NEW **B05R05PW** CHU 3200 RM 106	POWERCORE REFUGE ADVANCED	• Uniform fast emergence • Performs best at moderate to high fertility levels with a fungicide • Avoid drought stress and exposure to sandy soils • Dries very fast

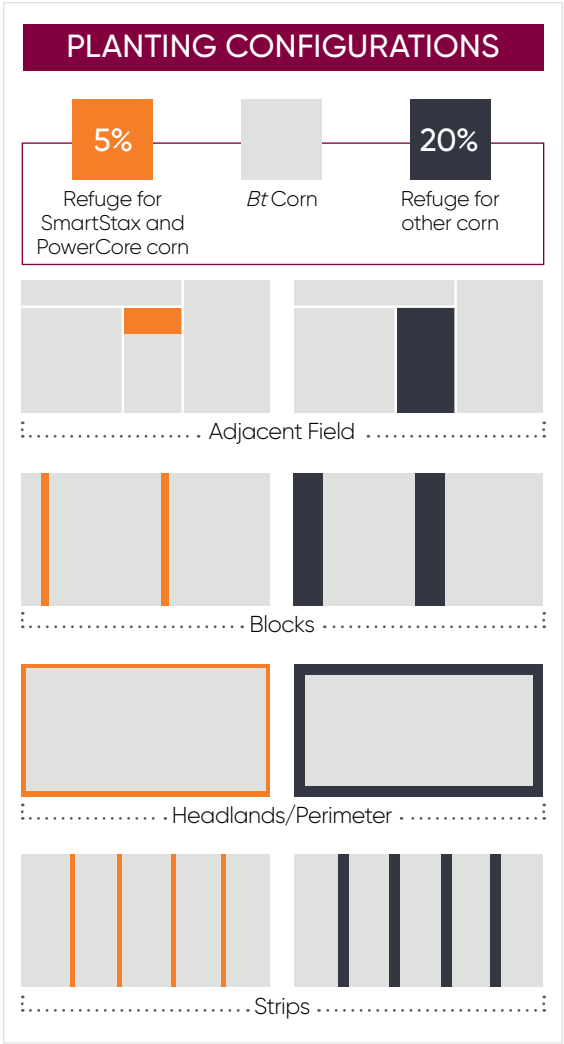
HYBRID	TRAIT	CHARACTERISTICS
B06N36PWE CHU 3200 RM 106	POWERCORE™ Enlist Corn	• Part of the Enlist™ weed control system • Taller hybrid with very good stalks • Very good stay green with good tolerance to grey leaf spot and NCLB • Very good grain quality and test weight • Excellent for high yield environments
B08R85SX CHU 3200 RM 108	SmartStax®	• Solid genetics with big yield potential • Good test weight • Higher yields obtained at higher populations and good yield response to fungicide • Very good agronomic package
B10R42SX CHU 3300 RM 110	SmartStax®	• Attractive medium-tall hybrid with very high yield potential at moderate populations • Solid agronomics including drought tolerance, good stalks and roots • Excellent NCLB tolerance • Semi-flex ear features good grain quality and full husk coverage protecting ear in areas prone to bird damage

REFUGE MANAGEMENT

Your Insect Resistance Management (IRM) plan is key to ensuring the sustainability of *Bt* crops for years to come. If you are planting a *Bt* corn hybrid you must also plant a non-*Bt* refuge. Look to Brevant™ seeds to provide your seed and refuge with our Refuge Advanced® products. All in one bag, it's smart simplicity at its best.

When designing your IRM plan, keep in mind that:

- Refuge Advanced hybrids already have the refuge in the bag, so no separate refuge is needed
- For hybrids with PowerCore® or SmartStax®, the refuge requirement is reduced from 20% to 5%
- The non-*Bt* refuge corn and the *Bt* corn should be of similar maturity, growth and yield potential
- When planting in strips, a minimum of four rows per strip is required
- Always scout for indications of resistance to *Bt*
- Keep accurate records of where your *Bt* and non-*Bt* hybrids are planted



The Canadian Food Inspection Agency (CFIA) and the Canadian Corn Pest Coalition (CCPC) have instituted an Insect Resistance Management (IRM) Verification Program to verify compliance with IRM requirements. The IRM Verification Program requires all registrants of *Bt* corn products (including Brevant seeds) to evaluate growers' adherence to the IRM requirements. Growers who do not adhere to the IRM requirements will be denied access to their *Bt* corn hybrids if found to be non-compliant two years in a row.

					FOLIAR DISEASE					MANAGEMENT ADAPTABILITY							SOIL TYPE	
Hybrid	Traits	CHU	Relative Maturity	Herbicide Tolerance	Eyespot	Goss' Wilt	Grey Leaf Spot	Fungicide Response	NCLB Rating	Early Planting Date	Late Planting Date	Final Planting Population	Continuous Corn on Corn Rotation	Reduced Tillage	No-Till	Delayed Harvest	Drought Prone	Poorly Drained
4078	HxXtra, RR2	2250	77	RR2 LL	–	–	–	Moderate	–	HR	R	32-35	R	HR	HR	R	R	R
B79N56PWE	PW	2300	79	Enlist RR2	5	4	–	High	5	HR	HR	32-35	NR	R	R	R	HR	R
DS80A27RA	SSX, RA	2400	80	RR2 LL	–	4	–	High	4	HR	HR	29-32	NR	R	R	R	HR	R
B81N65PW	PW	2400	81	RR2	5	3	–	Moderate	5	HR	R	29-32	NR	R	R	R	HR	R
B83R15PW	PW, RA	2500	83	RR2	4	4	–	High	3	HR	R	29-32	NR	R	R	R	R	NR
DS84J77RA	SSX, RA	2625	85	RR2 LL	6	5	–	High	5	HR	R	29-35	R	HR	HR	R	HR	R
B86R11SX	SSX, RA	2650	86	RR2 LL	–	4	–	High	4	HR	R	29-35	R	R	R	R	R	HR
DS88G67	SSX Enlist	2700	88	Enlist RR2	5	5	–	Moderate	5	HR	R	29-35	HR	HR	HR	HR	HR	NR
8202RA	SSX, RA	2775	90	RR2 LL	4	5	–	Moderate	7	HR	HR	29-32	R	R	R	HR	R	HR
B90R02SX	SSX, RA	2800	90	RR2 LL	7	7	–	Moderate	8	R	R	28-32	R	R	R	R	R	R
B92R15SX	SSX, RA	2825	92	RR2 LL	7	7	–	Moderate	7	HR	R	29-32	HR	HR	HR	R	R	R
B92R82SX	SSX, RA	2825	92	RR2 LL	6	7	–	High	6	HR	R	29-35	R	R	R	R	HR	R
DS97B47RA	SSX, RA	2950	97	RR2 LL	–	7	–	High	7	HR	R	29-32	R	R	R	NR	R	HR
NEW B00R25PW	PW, RA	3025	100	RR2	7	6	6	High	7	HR	HR	29-35	R	HR	R	NR	R	R

	AGRONOMIC CHARACTERISTICS																
Hybrid	Test Weight	Drydown	Standability	Plant Health	Plant Height	Ear Height	Ear Type	Stalk Strength	Root Strength	Emergence	GDUs to Mid-Silk	GDUs to Black Layer	Husk Cover	Kernel Row	Early Vigour	Drought Tolerance	Ear Retention	Stay Green
4078	7	7	8	7	M	M	SF	7	6	7	1100	2095	Good	14	7	6	–	7
B79N56PWE	8	7	8	7	T	M	SF	7	6	7	1095	2125	Good	12-14	7	7	7	6
DS80A27RA	7	8	8	7	M	M	SF	7	6	7	1105	2180	Excellent	12-14	7	7	8	6
B81N65PW	7	8	7	6	MT	H	SF	7	7	7	1100	2140	Excellent	14-16	8	8	8	6
B83R15PW	7	7	7	7	MT	M	SF	7	7	7	1130	2200	Good	14-18	7	6	8	8
DS84J77RA	6	7	7	7	M	M	SF	8	9	7	1195	2215	Good	14-16	8	8	8	7
B86R11SX	8	7	7	6	M	M	SF	7	8	7	1200	–	Excellent	16-18	6	7	8	6
DS88G67	6	8	7	7	T	L	SF	8	6	7	1200	2270	Good	14-16	7	8	8	7
8202RA	6	7	7	7	M	M	SF	7	7	7	1200	2210	Excellent	14-16	6	7	8	7
B90R02SX	6	7	7	8	MT	M	F	7	8	7	1240	2395	Moderate	16-18	7	6	8	7
B92R15SX	7	7	8	7	M	M	SF	8	6	8	1235	2415	Excellent	18-20	7	7	8	7
B92R82SX	7	7	8	7	M	M	F	8	8	8	1215	2390	Excellent	14-16	8	8	8	7
DS97B47RA	6	7	7	7	M	M	SF	6	7	7	1260	2510	Excellent	14-16	7	6	8	5
NEW B00R25PW	8	7	7	7	MT	M	SF	7	8	7	1275	2530	Excellent	16-18	7	7	8	6

Final population recommendations are based on 30" rows planted under standard growing conditions.
Adjust populations accordingly; lower for drought-prone and less productive soils, and increase for higher fertility and moist conditions.

GRAIN CORN AGRONOMIC CHART LEGEND

Plant Height: VT = Very Tall; T = Tall; MT = Medium-Tall; M = Medium; MS = Medium-Short; S = Short

Ear Height: H = High; MH = Moderately High; M = Moderate; ML = Moderately Low; L = Low

Ear Type: F = Flex; SF = Semi-Flex; SD = Semi-Determinant; D = Determinant

Ratings: 1 = Poor; 9 = Excellent; R = Recommended; - = Rating not available

Herbicide Tolerance: RR2 = glyphosate; LL = Liberty

Note: Final plant population recommendations include assumptions that soil fertility and moisture holding capacity are sufficient to sustain the crop at recommended populations. Corn CHU ratings shown are for Eastern Canada; typically corn CHU ratings for Western Canada would be 100–150 heat units less.

RR2 = Roundup Ready® Corn 2
SSX = SmartStax®
RA = Refuge Advanced®
PW = PowerCore®

					FOLIAR DISEASE					MANAGEMENT ADAPTABILITY							SOIL TYPE	
Hybrid	Traits	CHU	Relative Maturity	Herbicide Tolerance	Eyespot	Goss' Wilt	Grey Leaf Spot	Fungicide Response	NCLB Rating	Early Planting Date	Late Planting Date	Final Planting Population	Continuous Corn on Corn Rotation	Reduced Tillage	No-Till	Delayed Harvest	Drought Prone	Poorly Drained
B01R72SX	SSX, RA	3050	101	RR2 LL	–	6	–	Moderate	7	HR	R	29-35	R	R	R	R	R	R
DS02J55	PW Enlist	3100	102	Enlist RR2	–	3	5	High	5	HR	R	29-35	R	HR	HR	NR	HR	R
DS02J57RA	SSX, RA	3100	102	RR2 LL	–	3	5	High	5	HR	R	29-35	R	HR	HR	NR	HR	R
NEW B04R25PW	PW, RA	3125	103	RR2	–	6	6	High	6	HR	HR	29-32	R	HR	R	R	R	R
B04R96SX	SSX, RA	3125	104	RR2 LL	–	7	6	Moderate	6	R	HR	28-32	R	R	NR	R	R	NR
NEW B05R05PW	PW, RA	3200	106	RR2	–	6	7	High	8	HR	R	28-32	R	R	R	NR	NR	R
NEW B05N06PWE	PW Enlist	3200	106	RR2	–	6	7	High	8	HR	R	28-32	R	R	R	NR	NR	R
B06N36PWE	PW Enlist	3200	106	Enlist RR2	6	6	7	High	6	R	R	29-35	R	R	R	R	R	R
B08R85SX	SSX, RA	3200	108	RR2 LL	–	7	6	High	7	HR	R	32-35	HR	HR	HR	HR	R	R
DS08A22	Enlist	3200	108	Enlist RR2	–	7	6	High	7	HR	R	32-35	HR	HR	HR	HR	R	R
B10R42SX	SSX, RA	3300	110	RR2 LL	–	7	7	Moderate	8	R	R	28-36	HR	R	NR	R	R	NR
8695RA	SSX, RA	3350	110	RR2 LL	–	5	7	Moderate	7	HR	R	32-35	R	HR	HR	R	R	NR

	AGRONOMIC CHARACTERISTICS																	
Hybrid	Test Weight	Drydown	Standability	Plant Health	Plant Height	Ear Height	Ear Type	Stalk Strength	Root Strength	Emergence	GDUs to Mid-Silk	GDUs to Black Layer	Husk Cover	Kernel Row	Early Vigour	Drought Tolerance	Ear Retention	Stay Green
B01R72SX	7	7	7	7	M	M	SF	6	8	7	1290	2525	Good	16-18	7	7	8	6
DS02J55	6	7	6	7	T	H	SF	7	6	7	1295	2540	Excellent	16-18	7	8	8	6
DS02J57RA	6	7	6	7	T	H	SF	7	6	7	1295	2540	Excellent	16-18	7	8	8	6
NEW B04R25PW	6	7	7	7	MT	H	SF	7	7	7	1310	2610	Good	14-16	7	7	8	6
B04R96SX	6	7	7	7	M	M	SF	7	7	7	1310	2610	Good	16-18	7	7	8	6
NEW B05R05PW	6	8	6	6	M	M	SF	6	7	8	1320	2605	Excellent	14-16	8	7	8	6
NEW B05N06PWE	6	8	6	6	M	M	SF	6	7	8	1320	2605	Excellent	14-16	8	7	8	6
B06N36PWE	7	6	7	6	T	H	SF	7	6	7	1300	2645	Good	16-18	7	7	9	8
B08R85SX	7	8	8	8	MT	H	SF	8	8	7	1320	2630	Excellent	16-20	7	7	8	7
DS08A22	7	8	8	8	MT	H	SF	8	8	7	1320	2630	Excellent	16-20	7	7	8	7
B10R42SX	6	7	7	8	MT	H	SF	7	7	7	1350	2665	Excellent	18-20	6	7	8	6
8695RA	6	7	8	8	M	M	SF	8	8	7	1340	2715	Good	18-20	7	6	8	8

Final population recommendations are based on 30" rows planted under standard growing conditions.
Adjust populations accordingly; lower for drought-prone and less productive soils, and increase for higher fertility and moist conditions.

GRAIN CORN AGRONOMIC CHART LEGEND

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Ear Height: H = High; MH = Moderately High; M = Moderate; ML = Moderately Low; L = Low

Ear Type: F = Flex; SF = Semi-Flex; SD = Semi-Determinant; D = Determinant

Ratings: 1 = Poor; 9 = Excellent; R = Recommended; - = Rating not available

Herbicide Tolerance: RR2 = glyphosate; LL = Liberty

Note: Final plant population recommendations include assumptions that soil fertility and moisture holding capacity are sufficient to sustain the crop at recommended populations. Corn CHU ratings shown are for Eastern Canada; typically corn CHU ratings for Western Canada would be 100-150 heat units less.

RR2 = Roundup Ready® Corn 2
SSX = SmartStax®
RA = Refuge Advanced®
PW = PowerCore®

Backed by industry-leading research, Brevant™ seeds offers silage corn hybrids with the nutritional and digestibility qualities you can't find anywhere else.

BREVANT™ seeds

SILAGE CORN

GAME-CHANGING SILAGE CORN FOR DAIRY FARMERS

How would you like to get up to 10 pounds more milk per day from each one of your cows? It's possible with Unified™ corn silage hybrids with SilaSoft™ technology.

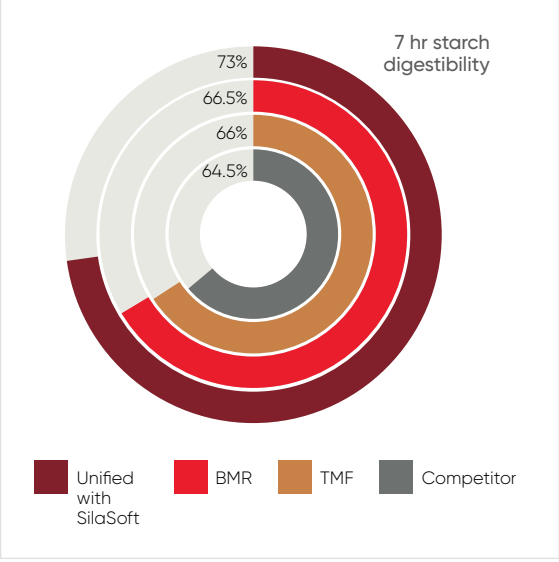
Unified corn silage hybrids have a softer kernel for improved starch digestibility. Starch provides the energy cows need to produce milk, and the more digestible the starch the greater the feed efficiency and milk output. In fact, silage testing has shown that Unified corn silage hybrids with SilaSoft technology deliver 8.5% improvement in starch digestibility, compared to the average of products intentionally selected for high starch digestibility.

Unified corn silage hybrids with SilaSoft technology produce soft kernels with a reduced starch-protein matrix. This allows starch granules to be more easily accessed and digested by microbes in the rumen for easier digestibility.

Research has shown that, compared to conventional hybrids, the increased digestibility of Unified corn silage hybrids with SilaSoft technology leads to measurable and significant improvement in milk production, including:

- 10.1 pounds more of energy-corrected milk per cow per day[1*]
- 7% improvement in butterfat[1]
- 13% increase in protein[1]

Brevant™ seeds is proud to offer Unified corn silage hybrids with SilaSoft technology to Canadian producers. Talk to your local Brevant seeds retailer for more information.



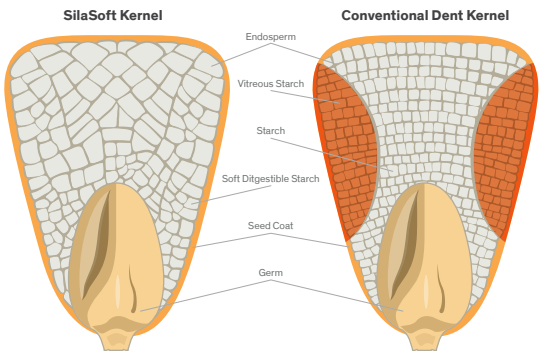
[1]Remick, E. M., et. al. 2016. A novel bm3 corn silage hybrid with floury kernel genetics improves lactational performance and feed efficiency in Holstein cows. https://asas.confex.com/asas/jam2016/webprogram/Paper16530.html

*10.1 pounds more energy-corrected milk with a p value of <0.001.

HYBRID	TRAIT	CHARACTERISTICS
UNIFIED™ CORN SILAGE HYBRIDS WITH SILASOFT™ TECHNOLOGY		
NEW **B95N59SXE** CHU 2750 RM 95	SmartStax Enlist Corn	• Part of the Enlist™ weed control system • Tall plant stature with a full canopy density • Excellent eye appeal in the field • Strong tonnage and high neutral detergent fiber scores • Best performance at moderate plant densities and on soils with good water holding capacity
NEW **B06N59SXE** CHU 3125 RM 106	SmartStax Enlist Corn	• Part of the Enlist weed control system • Strong tonnage potential with good starch scores • Best performance at moderate plant densities and high fertility soils • Tall plant with medium canopy
NEW **B09N99SXE** CHU 3200 RM 109	SmartStax Enlist Corn	• A full season silage hybrid with very high tonnage potential • Solid agronomics including good drought stress tolerance • Responds well to fertile growing conditions and moderate plant densities

THE KERNEL IS DIFFERENT

Unified™ corn silage hybrids are the only hybrids on the market with SilaSoft™ technology. SilaSoft delivers a softer kernel, through conventional breeding practices, to allow for more available and easily digestible starch.



HYBRID	TRAIT	CHARACTERISTICS
BMR HYBRIDS		
B90N18SXE CHU 2600 RM 90	SmartStax, Enlist Corn	• Part of the new Enlist™ weed control system • Excellent NDFD scores • Best performance on moderately to highly productive soils • Widely adapted east to west • Semi-flex ear provides flexibility across variable plant densities
B95R78SX CHU 2750 RM 95	SmartStax	• Excellent tonnage and NDF digestibility • Solid agronomics with very strong roots • Position on heavier soils with good fertility and good water-supplying capacity
B97R38SX CHU 2850 RM 97	SmartStax	• Tall plant stature with excellent yield • Excellent tonnage with high starch scores • Above average tolerance to eyespot and NCLB
B99R88SX CHU 2900 RM 98	SmartStax	• Wide area of adaptation • New genetics that bring more starch, digestibility and yield potential • Position on good soils with good water capacity • Very good agronomics with very strong roots

HYBRID	TRAIT	CHARACTERISTICS
TMF HYBRIDS		
B81N47PWE CHU 2400 RM 81	POWERCORE™ Enlist Corn	• Part of the Enlist weed control system • Early hybrid with strong tonnage potential • Excellent NDFD and starch scores • Adapted to various soil types and environments • Solid agronomic package
B91N27SX CHU 2650 RM 91	SmartStax®	• Very tall, robust plant with new leafy genetics • Nice ears with adequate husk coverage • Excellent disease scores
B94O37 CHU 2800 RM 94	Roundup Ready Corn 2	• Excellent eye appeal and consistent ears down the row • Strong emergence and early vigour • Excellent leaf disease tolerance
B96R17SX CHU 2825 RM 96	SmartStax®	• Tall hybrid with high tonnage potential • Excellent emergence and early vigour • Excellent ear fill and husk coverage • Very good plant health with overall excellent disease resistance
B99R47SX CHU 3000 RM 99	SmartStax®	• Tall dense hybrid with medium ear placement • Moderately soft kernel texture • Excellent digestibility and starch scores
B03R27SX CHU 3100 RM 103	SmartStax®	• Tall hybrid with very good stalks and ear retention • Soft kernel texture with high starch content; easy to process • Good tolerance to leaf diseases
B09N97SX CHU 3200 RM 109	SmartStax®	• Tall leafy hybrid that will produce very high tonnage • Excellent digestibility with very good starch quantity • Very attractive plant type with a full, dense canopy and good leaf disease tolerance

					FOLIAR DISEASE		FINAL PLANT POPULATION			MANAGEMENT ADAPTABILITY			SOIL TYPE	
Hybrid	Traits	CHU	Relative Maturity	Herbicide Tolerance	Northern Corn Leaf Blight	Fungicide Response	Early Planting Date	Late Planting Date	Final Planting Population	Continuous Corn	Reduced Tillage	No-Till	Drought Prone	Poorly Drained
UNIFIED™ CORN SILAGE HYBRIDS WITH SILASOFT™ TECHNOLOGY														
NEW **B95N59SXE**	SSX Enlist	2750	95	RR2 LL	4	HR	R	R	M	R	R	R	R	R
NEW **B06N59SXE**	SSX Enlist	3125	106	Enlist, RR2	4	HR	HR	R	M, MH	R	R	R	R	R
NEW **B09N99SXE**	SSX Enlist	3200	109	Enlist, RR2	4	HR	R	R	M, MH	R	R	R	R	R
BMR HYBRIDS														
B90N18SXE	SSX Enlist	2600	90	Enlist, RR2	5	HR	HR	R	MH	R	R	R	R	R
BMR90B94	HxXtra	2600	90	RR2 LL	6	HR	R	R	MH	R	R	R	NR	R
BMR93B41	RR2	2700	93	Enlist, RR2	5	HR	R	R	M, MH	R	R	R	R	R
F2F343	RR2	2700	93	RR2	5	HR	R	R	M, MH	R	R	R	R	R
B95R78SX	SSX, RA	2750	95	RR2 LL	4	HR	R	R	M, MH	R	R	R	R	R
B97R38SX	SSX, RA	2850	97	RR2 LL	7	HR	HR	R	M, MH	R	R	R	R	R
B99R88SX	SSX, RA	2900	98	RR2 LL	5	HR	R	R	M, MH	R	R	R	R	R
BMR06B58	SSX, RA	3125	106	Enlist, RR2	4	HR	HR	R	M, MH	R	R	R	R	R
F2F626RA	SSX, RA	3200	109	RR2 LL	4	HR	R	R	M, MH	R	R	R	R	R
BMR10B27RA	SSX, RA	3250	110	RR2 LL	5	HR	R	R	M, MH	R	R	R	R	R

SILAGE CORN AGRONOMIC CHART LEGEND

Final population recommendations are based on 30" rows planted under standard growing conditions. Adjust populations accordingly: lower for drought-prone and less productive soils, and increase for higher fertility and moist conditions.

RR2 = Roundup Ready® Corn 2
SSX = SmartStax®
RA = Refuge Advanced®
PW = PowerCore®

Hybrid	AGRONOMIC CHARACTERISTICS																
	Stalk Strength	Plant Health	GDUs to Mid-Silk	Forage Yield	Plant Height	Cob Colour	Root Strength	Early Vigour	Drought Tolerance	Ear Type	Kernel Texture	NFC Rating	Starch Content	WP Digestibility	NDF Digestibility	Dairy Type	Beef Type
UNIFIED™ CORN SILAGE HYBRIDS WITH SILASOFT™ TECHNOLOGY																	
NEW B95N59SX	8	8	1270	8	T	Red	7	7	7	SF	SS	9	8	9	9	9	–
NEW B06N59SXE	8	7	1415	8	T	Red	6	7	7	SF	SS	9	7	9	9	9	–
NEW B09N99SXE	7	6	1385	9	T	Red	7	8	8	SF	M	9	6	9	9	9	–
BMR HYBRIDS																	
B90N18SXE	8	7	1245	8	MT	Red	8	6	5	SF	M	8	8	9	9	9	–
BMR90B94	7	7	1200	7	MT	Red	8	7	5	F	M	8	7	9	9	9	–
BMR93B41	8	6	1230	8	MT	Red	8	7	7	SF	M	8	7	9	9	9	–
F2F343	8	6	1230	8	MT	Red	8	7	7	SF	M	8	7	9	9	9	–
B95R78SX	7	6	1250	8	M	Red	8	7	7	SF	M	8	8	9	9	9	–
B97R38SX	8	7	1320	8	T	Red	8	7	6	SF	M	8	7	9	9	9	–
B99R88SX	7	6	1270	8	M	Red	7	7	6	SF	M	8	8	9	9	9	–
BMR06B58	8	7	1415	8	T	Red	6	7	7	SF	M	9	7	9	9	9	–
F2F626RA	7	6	1385	9	T	Red	7	8	8	SF	M	9	6	9	9	9	–
BMR10B27RA	8	6	1380	8	T	Red	7	7	6	SF	M	9	7	9	9	9	–

Plant Height: VT = Very Tall; T = Tall; MT = Medium-Tall; M = Medium; MS = Medium-Short; S = Short

Kernel Texture: SS = Soft; MS = Moderately Soft; M = Medium; MH = Moderately Hard

Ear Type: F = Flex; SF = Semi-Flex; SD = Semi-Determinant; D = Determinant

NFC Rating: Non-fibre carbohydrates consisting of starch, sugar, pectin and fermentation acids that serve as energy sources for the animal

WP Digestibility: Whole plant digestibility value (higher = less loss)

NDF Digestibility: Neutral Detergent Fiber, measure of the digestibility of the fiber composed of hemicellulose, cellulose and lignin (higher rating means that a greater proportion of the NDF is available to be digested, which may lead to greater feed intake)

Dairy Type: Measure that includes 50% of NDF digestibility value and 50% of WP digestibility value. Dairy Type value indicates global quality of the feed and feed intake.

Beef Type: Measure that includes 50% of NFC Rating and 50% of WP digestibility value. Beef Type value indicates the energy content and digestibility of the feed.

Ratings: 1 = Poor; 9 = Excellent; R = Recommended; – = Rating not available

Herbicide Tolerance: RR2 = glyphosate; LL = Liberty

Note: Final plant population recommendations include assumptions that soil fertility and moisture holding capacity are sufficient to sustain the crop at recommended populations. Corn CHU ratings shown are for Eastern Canada; typically corn CHU ratings for Western Canada would be 100-150 heat units less.

					FOLIAR DISEASE		FINAL PLANT POPULATION			MANAGEMENT ADAPTABILITY			SOIL TYPE	
Hybrid	Traits	CHU	Relative Maturity	Herbicide Tolerance	Northern Corn Leaf Blight	Fungicide Response	Early Planting Date	Late Planting Date	Final Planting Population	Continuous Corn	Reduced Tillage	No-Till	Drought Prone	Poorly Drained
TMF HYBRIDS														
B81N47PWE	PW, Enlist	2400	81	Enlist, RR2	6	HR	HR	R	M, MH	R	R	R	R	R
TMF86H77RA	SSX, RA	2550	86	RR2 LL	5	R	HR	R	M, MH	R	R	R	R	R
B91N27SX	SSX	2650	91	RR2 LL	7	R	R	NR	M	R	R	R	R	R
B94O37	RR2	2800	94	RR2	7	R	R	R	M, MH	R	R	R	R	R
B96R17SX	SSX, RA	2825	96	RR2 LL	8	R	HR	–	M	R	R	–	R	R
B99R47SX	SSX, RA	3000	99	RR2 LL	7	R	HR	R	MH	HR	HR	HR	R	R
B03R27SX	SSX, RA	3100	103	RR2 LL	6	HR	HR	R	M	R	HR	HR	R	R
B09N97SX	SSX	3200	109	RR2 LL	7	R	HR	NR	M, MH	HR	HR	HR	R	R

SILAGE CORN AGRONOMIC CHART LEGEND

Final population recommendations are based on 30" rows planted under standard growing conditions. Adjust populations accordingly: lower for drought-prone and less productive soils, and increase for higher fertility and moist conditions.

RR2 = Roundup Ready® Corn 2
SSX = SmartStax®
RA = Refuge Advanced®
PW = PowerCore®

Hybrid	AGRONOMIC CHARACTERISTICS																
	Stalk Strength	Plant Health	GDUs to Mid-Silk	Forage Yield	Plant Height	Cob Colour	Root Strength	Early Vigour	Drought Tolerance	Ear Type	Kernel Texture	NFC Rating	Starch Content	WP Digestibility	NDF Digestibility	Dairy Type	Beef Type
TMF HYBRIDS																	
B81N47PWE	7	7	1190	9	T	Pink	7	7	7	SF	M	8	9	8	8	8	9
TMF86H77RA	8	7	1210	8	T	Red	8	8	7	SF	MS	8	7	8	8	8	7
B91N27SX	7	7	1265	9	T	Pink	7	7	7	SF	MS	8	5	8	8	8	8
B94O37	8	7	1340	9	T	Red	5	8	7	F	MS	8	7	8	8	8	9
B96R17SX	8	7	1315	8	T	Red	7	8	7	F	M	8	8	8	8	8	8
B99R47SX	8	8	1335	9	T	Red	8	8	7	SF	MS	7	6	7	7	7	8
B03R27SX	8	7	1330	9	T	Red	6	7	7	F	MS	8	8	8	8	8	8
B09N97SX	7	7	1440	9	VT	Pink	-	7	7	SF	M	8	7	7	7	8	8

Plant Height: VT = Very Tall; T = Tall; MT = Medium-Tall; M = Medium; MS = Medium-Short; S = Short

Kernel Texture: SS = Soft; MS = Moderately Soft; M = Medium; MH = Moderately Hard

Ear Type: F = Flex; SF = Semi-Flex; SD = Semi-Determinant; D = Determinant

NFC Rating: Non Fiber Carbohydrates consisting of starch, sugar, pectin and fermentation acids that serve as energy sources for the animal

WP Digestibility: Whole plant digestibility value (higher = less loss)

NDF Digestibility: Neutral Detergent Fiber, measure of the digestibility of the fiber composed of hemicellulose, cellulose and lignin (higher rating means that a greater proportion of the NDF is available to be digested, which may lead to greater feed intake)

Dairy Type: Measure that includes 50% of NDF digestibility value and 50% of WP digestibility value. Dairy Type value indicates global quality of the feed and feed intake.

Beef Type: Measure that includes 50% of NFC Rating and 50% of WP digestibility value. Beef Type value indicates the energy content and digestibility of the feed.

Ratings: 1 = Poor; 9 = Excellent; R = Recommended; - = Rating not available

Herbicide Tolerance: RR2 = glyphosate; LL = Liberty

Note: Final plant population recommendations include assumptions that soil fertility and moisture holding capacity are sufficient to sustain the crop at recommended populations. Corn CHU ratings shown are for Eastern Canada; typically corn CHU ratings for Western Canada would be 100-150 heat units less.

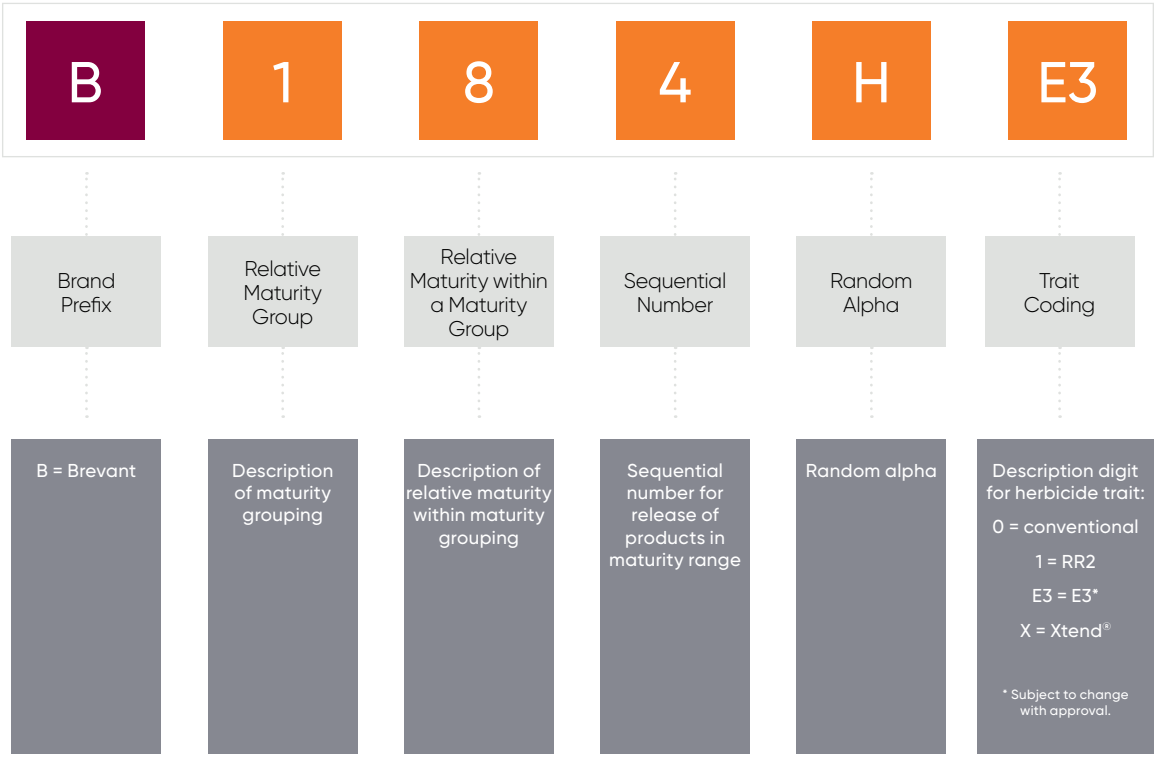
Brevant™ seeds offers you high-performance soybean varieties, tested in local conditions, offering a range of maturities for either conventional or HT systems.

BREVANT™ seeds

SOYBEANS

NAMING SYSTEM

BREVANT™ SEEDS SOYBEANS



Relative maturity is one of the most important considerations when choosing a soybean variety. Our new naming system lets you see at a glance a variety's overall relative maturity group and then its relative maturity within that group so that you can make the most informed choice for your growing conditions.

VARIETY	TRAIT	CHARACTERISTICS
NEW **B0040L1** HU 2400 RM 00.4	Roundup Ready 2 YIELD	• Good field appearance • Very good lodging tolerance and short plant height • Will respond to narrow rows
B0067Z1 HU 2450 RM 00.6	Roundup Ready 2 YIELD	• Strong emergence combined with good PRR • Good stand establishment • Excellent yields for an early variety
B0064S1 HU 2450 RM 00.6	Roundup Ready 2 YIELD	• Good plant standability • Moves north well • SCN resistant • Performs well in all row widths and planting practices
B0099B1 HU 2525 RM 00.9	Roundup Ready 2 YIELD	• Strong emergence with good white mould tolerance • High yielding variety with good lodging tolerance
B031M1 HU 2625 RM 0.3	Roundup Ready 2 YIELD	• Excellent emergence and standability • Very good SDS, BSR and PRR field tolerance

VARIETY	TRAIT	CHARACTERISTICS
B032R1 HU 2625 RM 0.3	Roundup Ready 2 YIELD	• Early soybean with good phytophthora tolerance • Very good emergence with excellent lodging tolerance
B039Y1 HU 2625 RM 0.3	Roundup Ready 2 YIELD	• Excellent yield potential • Excellent white mould tolerance • Performs well in all row widths and planting practices
NEW **B060L1*** HU 2700 RM 0.6	Roundup Ready 2 YIELD	• Great yield potential for its maturity • Good emergence and lodging tolerance
NEW **B080L1*** HU 2750 RM 0.8	Roundup Ready 2 YIELD	• Taller attractive variety • Excellent yield potential in its maturity zone • Good emergence and lodging tolerance • SCN resistance in an early maturity
B088Y1 HU 2750 RM 0.8	Roundup Ready 2 YIELD	• Solid agronomics • Very good brown stem rot tolerance • Excellent emergence and early vigour for reduced tillage applications

* Pending registration

VARIETY	TRAIT	CHARACTERISTICS
B095D1 HU 2775 RM 0.9	Roundup Ready 2 YIELD	• SCN resistance with good white mould tolerance • Excellent standability
NEW **B120L1** HU 2850 RM 1.2	Roundup Ready 2 YIELD	• SCN resistance in a key maturity • Excellent field appearance and good lodging resistance • Excellent emergence scores
B150Y1 HU 2900 RM 1.5	Roundup Ready 2 YIELD	• Very good disease tolerance • Excellent emergence and early vigour for reduced tillage applications • Thin-type canopy is excellent for solid seeding
B198T1 HU 3025 RM 1.9	Roundup Ready 2 YIELD	• Excellent yields with solid agronomics • Very good SDS, BSR and PRR field tolerance
B194Y1 HU 3025 RM 1.9	Roundup Ready 2 YIELD	• Excellent performance on all soil types • Very adaptable • Excellent spring emergence • Performs well in all row widths and planting practices

VARIETY	TRAIT	CHARACTERISTICS
B215Y1 HU 3050 RM 2.1	Roundup Ready 2 YIELD	• Strong resistance to SCN and good field tolerance to PRR • Attractive, short plant with good lodging resistance • Excellent yields in high yielding environments
B244N1 HU 3175 RM 2.4	Roundup Ready 2 YIELD	• Good emergence and standability • Good disease package
B270Y1 HU 3250 RM 2.7	Roundup Ready 2 YIELD	• Outstanding yield potential • Excellent disease tolerance • Great spring vigour • Performs well in all row widths and planting practices

VARIETY	TRAIT	CHARACTERISTICS
CONVENTIONAL		
B045C0 HU 2700 RM 0.6	Conventional	• Very good white mould tolerance and good phytophthora resistance (rps 1c) • Medium-large size seeds with imperfect yellow hilum and good protein • Suitable for some non-GMO markets
B101C0 HU 2775 RM 1.0	Conventional	• Yellow hilum variety with large seed and higher than average protein • Good emergence and brown stem rot tolerance • Possible IP market
B138C0 HU 2850 RM 1.3	Conventional	• Excellent white mould tolerance • Very good PRR tolerance • Very good yield potential • Great fit in the tofu market
B213C0 HU 3075 RM 2.1	Conventional	• Excellent disease package • Good food-grade properties • Higher-than-average protein

				DISEASE/PEST CHARACTERISTICS							SOIL TYPE	
Variety	Traits	HU	Relative Maturity	SCN	White Mould	PRR Gene	PRR Tolerance	Iron Chlorosis	SDS Rating	Brown Stem Rot	Drought Prone	Poorly Drained
NEW B0040L1*	RR2Y	2400	00.4	No	n/a	None	7	6	5	4	R	R
B0064S1	RR2Y	2450	00.6	Yes	7	rps 1k	8	6	–	–	HR	R
B0067Z1	RR2Y	2450	00.6	No	7	None	7	7	–	8	R	R
B0099B1	RR2Y	2525	00.9	No	7	rps 1c	7	6	–	8.5	HR	HR
B031M1	RR2Y	2625	0.3	No	7	rps 1c	8	7	–	8	HR	R
B032R1	RR2Y	2625	0.3	No	7	rps 1k	7.5	–	–	6.5	R	R
B039Y1	RR2Y	2625	0.3	No	7.5	None	–	–	–	–	HR	R
NEW B060L1*	RR2Y	2700	0.6	No	n/a	None	7	4	5.5	7	R	R
NEW B080L1*	RR2Y	2750	0.8	Yes	n/a	None	6.5	4	4.5	4	R	R
B088Y1	RR2Y	2750	0.8	No	7	rps 1k	7	–		8	R	R
B095D1	RR2Y	2775	0.9	Yes	7	None	8	6		8	HR	R
NEW B120L1*	RR2Y	2850	1.2	Yes	n/a	None	7.5	4	6	5	HR	R
B150Y1	RR2Y	2900	1.5	No	7	rps 1k	7.5	–		8	R	R
B194Y1	RR2Y	3025	1.9	Yes	7	rps 1c/k	8	–	n/a	7.5	HR	HR
B198T1	RR2Y	3025	1.9	Yes	7	None	8	6	8	8	HR	R
B215Y1	RR2Y	3050	2.1	Yes	7.5	rps 1c	7.5	–	7.5	7.5	HR	R

* Pending registration

	PLANT CHARACTERISTICS										
Variety	Avg. Seed/lb	Canopy Type	Plant Height	Flower	Pubescence	Pod Colour	Emergence	Lodging Score	Hilum Colour	% Protein	% Oil
NEW B0040L1*	3100	Medium-Bushy	Medium	Purple	Tawny	Brown	8	7	Brown	n/a	n/a
B0064S1	2597	Medium	Medium-Tall	Purple	Tawny	Brown	9	7.5	Black	40.9	20.3
B0067Z1	2672	Medium	Medium-Short	n/a	Tawny	Tan	8	6.5	Black	39.3	22.8
B0099B1	2200	Medium	Medium	Purple	Tawny	Brown	9	8	Black	40.9	20.1
B031M1	2600	Medium	Medium	Purple	Light Tawny	Brown	9	8	Brown	41.3	20.0
B032R1	2692	Medium	Medium-Short	White	Tawny	Brown	8.5	7.5	Brown	39.6	21.4
B039Y1	2287	Medium	Medium	Purple	Light Tawny	Brown	8	7	Black	41.1	20.6
NEW B060L1*	2700	Medium-Bushy	Medium	Purple	Grey	Brown	8	7	Grey	n/a	n/a
NEW B080L1*	2900	Medium	Medium-Tall	Purple	Light Tawny	Brown	8	7	Brown	n/a	n/a
B088Y1	2060	Medium-Thin	Medium	Purple	Grey	Brown	8	8	Yellow	40.1	21.5
B095D1	2900	Medium	Medium	Purple	Light Tawny	Brown	8	8	Brown	41.2	18.9
NEW B120L1*	2350	Medium-Thin	Medium-Tall	Purple	Tawny	Brown	9	8	Grey	n/a	n/a
B150Y1	2220	Thin	Medium-Tall	Purple	Grey	Brown	8	7.5	Yellow	40.0	21.2
B194Y1	2317	Medium	Medium-Tall	Purple	Light Tawny	Brown	9	7.5	Black	42.0	21.1
B198T1	2600	Medium	Medium	Purple	Light Tawny	Brown	8	8	Black	40.3	19.7
B215Y1	2583	Medium-Bushy	Medium-Tall	Purple	Light Tawny	Brown	8	8	Black	41.4	20.9

* Pending registration

SOYBEANS AGRONOMIC CHART LEGEND

Numerical Ratings:
1 = Poor
9 = Excellent
– = Rating not available

Ratings:
R = Recommended
HR = Highly Recommended
NR = Not Recommended

Phytophthora Race Resistance:
rps 1a = Races 1, 2, 10-13, 15-18, 24, 26, 27
rps 1c = Races 1-3, 6-11, 13, 15, 17, 21-24
rps 1k = Races 1-11, 13-15, 17, 18, 21-24, 26

RR2Y = Roundup Ready 2 Yield® Soybean
Conv = Conventional

				DISEASE/PEST CHARACTERISTICS							SOIL TYPE	
Variety	Traits	HU	Relative Maturity	SCN	White Mould	PRR Gene	PRR Tolerance	Iron Chlorosis	SDS Rating	Brown Stem Rot	Drought Prone	Poorly Drained
B244N1	RR2Y	3175	2.4	Yes	7	None	7	–	7	7	HR	R
B270Y1	RR2Y	3250	2.7	Yes	7.5	rps 1a	8	–	n/a	–	R	HR
CONVENTIONAL												
B045C0	Conventional	2700	0.6	No	7	rps 1c	7.5	–	–	–	R	R
B101C0	Conventional	2775	1.0	No	7	None	6.5	–	–	7.5	R	R
COLBY	Conventional	2800	1.1	No	7.5	none	8	–	–	–	R	R
B138C0	Conventional	2850	1.3	No	8.5	None	8	–	–	–	R	R
B213C0	Conventional	3075	2.1	Yes	7	rps 1c	–	–	–	7	R	R

	PLANT CHARACTERISTICS										
Variety	Avg. Seed/lb	Canopy Type	Plant Height	Flower	Pubescence	Pod Colour	Emergence	Lodging Score	Hilum Colour	% Protein	% Oil
B244N1	2573	Medium-Bushy	Medium-Tall	Purple	Light Tawny	Brown	7	8	Black	40.0	21.4
B270Y1	2477	Medium	Tall	Purple	Grey	Brown	8	7.5	Imp. Black	42.5	19.6
CONVENTIONAL											
B045C0	2092	Medium	Medium	Purple	Tawny	Brown	8	8	Imp. Yellow	41.4	20.7
B101C0	2368	Medium	Medium-Short	Purple	Grey	Tan	7	6	Yellow	41.3	20.4
COLBY	2230	Medium	Medium	Purple	Grey	Tan	8	8	Yellow	40.9	20.1
B138C0	2252	Medium	Medium-Tall	Purple	Grey	Tan	8	8	Yellow	42.2	20.6
B213C0	2593	Medium-Bushy	Medium	White	Grey	Tan	7	7.5	Yellow	43.8	19.7

SOYBEANS AGRONOMIC CHART LEGEND

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Ratings:
R = Recommended
HR = Highly Recommended
NR = Not Recommended

Phytophthora Race Resistance:
rps 1a = Races 1, 2, 10-13, 15-18, 24, 26, 27
rps 1c = Races 1-3, 6-11, 13, 15, 17, 21-24
rps 1k = Races 1-11, 13-15, 17, 18, 21-24, 26

RR2Y = Roundup Ready® 2 Yield Soybean
Conv = Conventional

Look to Brevant™ seeds for winter wheat varieties that deliver fast emergence, great standability, solid disease resistance and high yields.

BREVANT™ seeds


WINTER WHEAT

NAMING SYSTEM

BREVANT™ SEEDS WHEAT

The Brevant™ naming system for winter wheat was designed for future growth. Right now, you can quickly see what each variety offers in terms of colour and kernel hardness. As we bring more wheat varieties to market, we'll use this system to bring you even more variety information.

VARIETY	CHARACTERISTICS	RATINGS
NEW **B654SRW** **SOFT RED** Early Maturity	• Outstanding yield potential under both intensive and extensive management • Excellent winter survival • Above average stripe rust resistance • Good test weight • Branson-type quality PBR 91 is pending	Test Weight 7.5 Lodging Score 7.5 Avg. Seed Size* (seeds/lb) 12200 Seeding Rate* (M/ac) 1.4-1.6 Areas of Adaptation 1 & 2 Height Medium-Tall Head Type Awnless Straw Yield (t/ha) N/A Fusarium Tolerance 7.5 Powdery Mildew 5 Stem Rust N/A Leaf Rust 8 Leaf Septoria 6 Barley Yellow Dwarf Virus 7.5
NEW **B743SRW** **SOFT RED** Mid-Late Maturity	• Great yield potential under both intensive and extensive management • Excellent test weight • Moderate resistance to fusarium head blight • Branson-type quality PBR 91 is pending	Test Weight 8.5 Lodging Score 7 Avg. Seed Size* (seeds/lb) 12825 Seeding Rate* (M/ac) 1.2-1.6 Areas of Adaptation 1, 2, 3, 4 Height Medium-Tall Head Type Awnless Straw Yield (t/ha) N/A Fusarium Tolerance 8.5 Powdery Mildew 6 Stem Rust N/A Leaf Rust 8 Leaf Septoria 6 Barley Yellow Dwarf Virus 8
AVA **SOFT WHITE** Full-Maturity	• Outstanding yield potential • Excellent fusarium rating • IP Market opportunity • End-use market preferred	Test Weight 7.5 Lodging Score 7 Avg. Seed Size* (seeds/lb) 12770 Seeding Rate* (M/ac) 1.4-1.6 Areas of Adaptation 2 & 3 Height Medium-Tall Head Type Awnless Straw Yield (t/ha) 7.69 Fusarium Tolerance 8.5 Powdery Mildew 6 Stem Rust 7.5 Leaf Rust 8.5 Leaf Septoria 5 Barley Yellow Dwarf Virus 8.5

VARIETY	CHARACTERISTICS	RATINGS
BRANSON SOFT RED Mid-Maturity	• Good fusarium tolerance • Excellent disease resistance • Very good standability • High yield potential • Excellent grain quality	Test Weight 7.5 Lodging Score 7.5 Avg. Seed Size* (seeds/lb) 12404 Seeding Rate* (M/ac) 1.2-1.4 Areas of Adaptation 1, 2 & 3 Height Short-Medium Head Type Awnless Straw Yield (t/ha) 5.49 Fusarium Tolerance 7 Powdery Mildew 7 Stem Rust 9 Leaf Rust 8 Leaf Septoria 5.5 Barley Yellow Dwarf Virus 8
DS572SRW SOFT RED Mid-Full Maturity	• Excellent winter survival • Good overall disease tolerance • Excellent seed and test weight	Test Weight 8.5 Lodging Score 7 Avg. Seed Size* (seeds/lb) 10509 Seeding Rate* (M/ac) 1.2-1.4 Areas of Adaptation 1, 2 & 3 Height Medium-Tall Head Type Awned Straw Yield (t/ha) 7.4 Fusarium Tolerance 7.5 Powdery Mildew 8 Stem Rust 7.5 Leaf Rust 8 Leaf Septoria 6 Barley Yellow Dwarf Virus 8

*The seed size and seeding rate will vary from one lot to the other. Always calculate the seeding rate with the lot seed size before seeding.

ALFALFA

Technology-based alfalfa varieties from Brevant™ seeds were built to perform with high forage yield potential, exceptional disease ratings and strong stress tolerance for top quality dairy rations.

VARIETY	CHARACTERISTICS	RATINGS
4H400 Hi-Gest™ Alfalfa Technology Tap Root	• Offers improved fiber digestibility when compared to other conventional dormant varieties • An elite variety selected for high yield and quality, with a high leaf to stem ratio and more crude protein • Offers management flexibility to maximize yield and quality or to more relaxed harvest schedules focused on tonnage • Lodging tolerance comparable to other high yielding conventional varieties	Disease Rating Index 33/35 Bacterial Wilt HR Fusarium Wilt HR Phytophthora Root Rot HR Verticillium Wilt HR Anthracnose (Race 1) HR Aphanomyces Root Rot (Race 1) HR Aphanomyces Root Rot (Race 2) R Stem Nematode R Northern Root-knot Nematode R Southern Root-knot Nematode N/A Recovery After Cutting 9 Winter Survival 1.6 Fall Dormancy 4 Stand Establishment Very Fast Spring Vigour Excellent Drought Stress Excellent Summer Regrowth Aggressive Fineness of Stem Fine Forage Yield Index 9 Forage Quality 9 Traffic Tolerance Excellent Crown Depth Average
HybriPro-BR Hybrid Alfalfa Branch Root	• Hybrid alfalfa technology producing uniform yields and forage quality • Branch root for superior stress tolerance and adaptability • Fine stemmed with excellent palatability and dairy quality forage	Disease Rating Index 30/30 Bacterial Wilt HR Fusarium Wilt HR Phytophthora Root Rot HR Verticillium Wilt HR Anthracnose (Race 1) HR Aphanomyces Root Rot (Race 1) HR Aphanomyces Root Rot (Race 2) R Stem Nematode HR Northern Root-knot Nematode HR Southern Root-knot Nematode R Recovery After Cutting 9 Winter Survival 1.8 Fall Dormancy 4 Stand Establishment Very Fast Spring Vigour Excellent Drought Stress Excellent Summer Regrowth Aggressive Fineness of Stem Very Fine Forage Yield Index 9 Forage Quality 9 Traffic Tolerance Very Good Crown Depth Average

VARIETY	CHARACTERISTICS	RATINGS
4S417 Hybrid Alfalfa Tap Root	• Fast emergence • Drought tolerance • Very dense, persistent stands • Excellent disease resistance • Fine stem • Plant uniformity • Rapid recovery after harvest • Outstanding, consistent forage yield	Disease Rating Index 30/30 Bacterial Wilt HR Fusarium Wilt HR Phytophthora Root Rot HR Verticillium Wilt HR Anthracnose (Race 1) HR Aphanomyces Root Rot (Race 1) HR Aphanomyces Root Rot (Race 2) R Stem Nematode HR Northern Root-knot Nematode R Southern Root-knot Nematode N/A Recovery After Cutting 9 Winter Survival 1.8 Fall Dormancy 4 Stand Establishment Very Fast Spring Vigour Excellent Drought Stress Excellent Summer Regrowth Aggressive Fineness of Stem Fine Forage Yield Index 9 Forage Quality 9 Traffic Tolerance Very Good Crown Depth –

BREVANT™ seeds

TOGETHER IN PURSUIT OF PERFORMANCE

CORTEVA AGRISCIENCE™, AGRICULTURE DIVISION OF DOWDUPONT

At Brevant™ seeds, we aim to make your life easier. As the new brand from Corteva Agriscience™, Agriculture Division of DowDuPont, we're doing just that by offering everything you need under one roof, including the complete Corteva Agriscience lineup of advanced crop protection product solutions and powerful chemistry to help you get the most out of every acre.

Talk to your local Corteva Agriscience Crop Protection Territory Manager to find out more about how we can help you succeed.

CORTEVA™ agriscience

Agriculture Division of DowDuPont

CORTEVA AGRISCIENCE™ CROP PROTECTION

INTRODUCING NEW LUMISENA™ FUNGICIDE SEED TREATMENT FOR SOYBEANS

NEW DuPont™ Lumisena™ provides the best protection against phytophthora for healthier, more vigourous soybean stands and higher yield potential.

Lumisena™
fungicide seed treatment

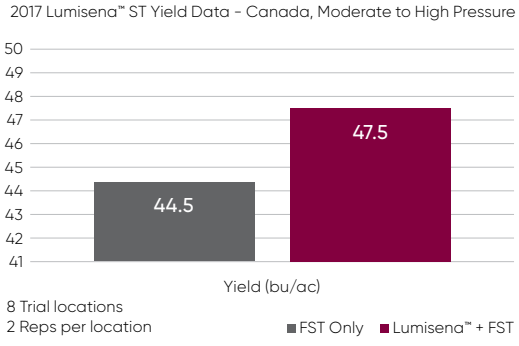
KEY BENEFITS

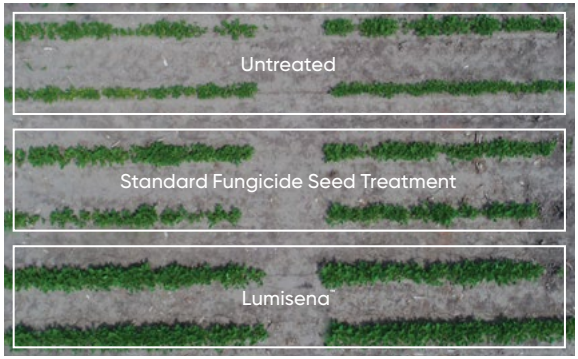
- Most advanced seed-applied technology to protect against phytophthora and downy mildew
- Enhances emergence and vigour to maximize yield potential
- Improves soybean plant stands
- New class of chemistry for improved above and below ground disease control

PROTECTION AGAINST PHYTOPHTHORA

- Phytophthora is the #1 disease in soybeans and can significantly reduce yields
- NEW Lumisena™ fungicide seed treatment offers an entirely new mode of action to provide the best protection against phytophthora and downy mildew
- DuPont seed treatment research has demonstrated that Lumisena™ will provide greater protection against phytophthora than existing seed treatments

Lumisena™ Soybean Research Authorization Trial Results





In multi-year, on-farm seed treatment research trials under phytophthora pressure, Lumisena™ improved plant stands by increasing the number of plants per acre versus the existing industry-standard seed treatment.

LOOK AT THE RESULTS

The first six weeks are important for a soybean crop's yield potential. Observe the difference in performance between two soybean plants, 40 days after planting, treated with the high rate of metalaxyl versus Lumisena™ when phytophthora is present.

Lumisena™ is the new, best choice for protection against phytophthora. It is the only seed-applied technology that delivers residual protection across multiple stages of the phytophthora pathogen's life cycle:

- PREVENTATIVE
- CURATIVE
- ERADICATIVE
- ANTISPORULANT

Metalaxyl

Lumisena™
fungicide seed treatment

IMPROVES SOYBEAN YIELDS AND PLANT STANDS

- Growers with phytophthora pressure have suffered significant yield losses because of the limitations of existing seed treatments for soybeans
- In areas with phytophthora pressure, Lumisena™ improves plant stands, crop vigour and yield results
- Phytophthora is the #1 disease in soybeans
- Lumisena™ fungicide seed treatment offers a new mode of action that controls phytophthora and downy mildew far better than previous industry-standard seed treatments

Lumiderm®
insecticide seed treatment

BETTER START. BETTER HARVEST. NOW AVAILABLE IN SOYBEANS.

Your seed treatment decision-making just got simpler. DuPont™ Lumiderm® insecticide seed treatment is now registered for control of early-season insect pests in soybeans.

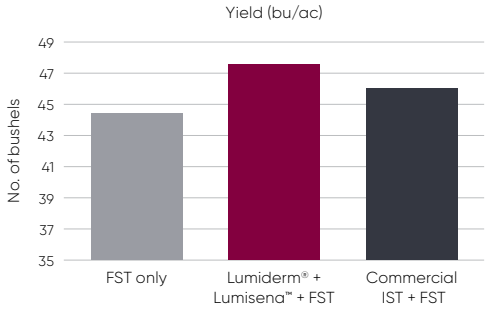
KEY BENEFITS

- Broad-spectrum protection from early-season insect pests, including bean leaf beetle and soybean aphid
- Excellent seedling protection delivers uniform, healthy stands to maximize yield potential
- A new mode of action with a favourable environmental profile
- Simplifies your seed treatment decisions

PROTECTION AGAINST EARLY-SEASON INSECT PESTS

- Lumiderm® seed treatment contains a unique Group 28 insecticide
- Provides soybean seedlings with extended protection against bean leaf beetle and soybean aphids
- Protecting vulnerable seedlings leads to more uniform and healthier plant stands
- Allows the crop to achieve its maximum yield potential at harvest
- New mode of action helps manage the threat of resistance

Lumiderm® 2017 Research Authorization Results



2017 demo strip trials data (Average of 8 locations, 2 reps/location)

Lumiderm® and Lumisena™ Strip Trial, Kelburn Farm, MB

Standard IST + FST | Lumiderm® + Lumisena™ + FST

Lumivia®
insecticide seed treatment

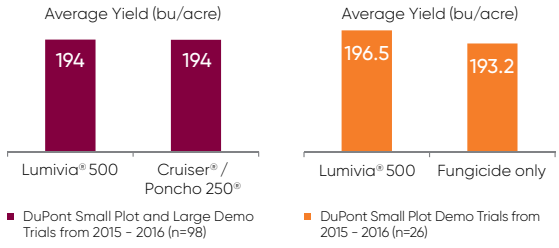
PROTECT YOUR SUCCESS WITH LUMIVIA® – THE TRUSTED STANDARD IN SEED TREATMENT

DuPont™ Lumivia® insecticide seed treatment delivers excellent, broad-spectrum protection on key early-season corn insect pests.

KEY BENEFITS

- Outstanding protection against key early-season corn insect pests
- Provides seedling protection to develop uniform and healthy stands that maximize yield potential
- Simplifies your seed treatment decisions
- Offers a favourable environmental profile

Early-Season Protection to Maximize Yield Potential[1]



[1] Data based on an average of all comparisons made in 98 locations between 2015-2016. Product responses are variable and subject to a variety of environmental, disease and pest pressures. Individual results may vary.

Lumivia® Under High Wireworm Pressure

Source: DuPont field trial, Shetland, ON 2016

In 2015 and 2016, Lumivia® was tested in field-scale trials across Eastern Canada.

This picture is from a manure-applied, corn-on-corn field exhibiting extremely high wireworm pressure. Lumivia® treatment showed corn plants with superior size and vigour as compared to the fungicide only treatment.

Protection Against Key Early-Season Insect Pests


Wireworms


White Grub


Black Cutworms


Seedcorn Maggot*

*Suppression only

CROP PROTECTION YOU CAN COUNT ON

PRE-PLANT, PRE-EMERGENCE

Broadstrike™ RC
HERBICIDE

broadleaf

Control a wide range of broadleaf weeds with Broadstrike™ RC in conventional, conservation tillage or no-till corn and soybean production systems.

PRODUCT ADVANTAGES

- Early removal of broadleaf weeds with extended residual control
- Outstanding crop safety in all soybean varieties and field corn
- Ability to tank mix with glyphosate

PRE-PLANT, PRE-EMERGENCE

Canopy® PRO
herbicide

broadleaf

A pre-emergent herbicide with two modes of action to help manage herbicide resistance and control troublesome weeds in glyphosate-tolerant platforms including Roundup Ready 2 Xtend™.

PRODUCT ADVANTAGES

- Two modes of action to help manage weed resistance including glyphosate-resistant Canada fleabane
- Enhanced residual activity to maximize early-season control of tough weeds
- Apply with a glyphosate of choice for a powerful burndown with residual control

PRE-PLANT | IN-CROP

Classic®
herbicide

broadleaf

Residual activity and control of tough perennial broadleaf weeds in soybeans.

PRODUCT ADVANTAGES

- Excellent control of annual broadleaf weeds such as common ragweed and velvetleaf
- Manages hard-to-kill perennial weeds like yellow nutsedge, dandelion and wild carrot
- For use on IP, conventional and glyphosate-tolerant soybeans (including Roundup Ready 2 Xtend™ varieties)

PRE-EMERGENCE

Engarde®
herbicide

broadleaf grass

Twice the protection in one powerful corn herbicide.

PRODUCT ADVANTAGES

- Knockdown and residual control of both broadleaf and grass weeds
- Wide window of application from pre-emergence to 2-leaf corn
- Two modes of action help guard against weed shifts and weed resistance

BURNDOWN | IN-CROP

Enlist Duo™ HERBICIDE COLEX·D

broadleaf grass

Delivers exceptional broad-spectrum control. Use in conjunction with Enlist™ corn, or as a burndown prior to planting cereal crops.

PRODUCT ADVANTAGES

- A proprietary blend of 2,4-D choline and glyphosate for two modes of action
- Colex-D™ technology provides near-zero volatility and reduced drift
- Excellent control of resistant Canada fleabane, horsetail and ragweed

PRE-EMERGENCE

Freestyle® herbicide

broadleaf grass

More flexibility. More control. You're the boss.

PRODUCT ADVANTAGES

- Makes early-season weed control simple and effective
- Delivers extended residual control of key weeds such as Eastern black nightshade
- Fits in any soybean production system

PRE-PLANT | IN-CROP

FirstRate™ HERBICIDE

broadleaf

Effective, economical pre- and post-emergence control of troublesome broadleaf weeds in soybeans.

PRODUCT ADVANTAGES

- Excellent crop tolerance
- Flexible crop rotation options
- Wide window of application timing

PRE-PLANT | IN-CROP

Guardian® MAX herbicide

broadleaf grass

Weeds can't escape the power of Guardian® MAX.

PRODUCT ADVANTAGES

- Convenient NEW high-load formulation treats 50% more acres per case
- K-salt glyphosate formulation is compatible in Roundup Ready 2 Xtend™ soybeans
- Residual and systemic action controls perennials like dandelions, right down to the roots

*Glyphosate-tolerant soybeans only (including Roundup Ready 2 Xtend™ varieties)

IN-CROP

Destra™ IS
herbicide

broadleaf
grass

IS simple. IS sweat-free.

PRODUCT ADVANTAGES

- Low use rate dry formulation speeds up sprayer loading, allowing you to cover more acres
- Tank mix with your preferred glyphosate for one-pass weed control in glyphosate-tolerant corn
- Excellent crop safety in a wide range of conditions up to the 8-leaf stage

IN-CROP

Pixxaro™
HERBICIDE
ARYLEX™ ACTIVE

broadleaf

Spray when you want with confidence. Just GO.

PRODUCT ADVANTAGES

- Excellent control of Canada fleabane
- Worry-free control right up to the flag leaf
- Excellent tank-mix partner with both grass herbicides and fungicides
- Uncompromising performance in a variety of weather, crop and weed staging conditions

IN-CROP

Simplicity™ GoDRI™
HERBICIDE

broadleaf
grass

Delivers superior wild oat, annual grass and broadleaf weed control in wheat.

PRODUCT ADVANTAGES

- Elite grass and broadleaf weed control
- Wide window of application – up to the emergence of flag leaf stage
- Excellent tank-mix flexibility with other broadleaf herbicides and fungicides

FUNGICIDE

Acapela®
fungicide

Speed, agility and exceptional coverage to manage white mould in soybeans and foliar diseases in corn and cereals.

PRODUCT ADVANTAGES

- One-of-a-kind movement provides superior coverage for reliable disease control in a variety of conditions
- Best-in-class white mould performance
- Helps deliver healthier crops and higher yield potential

INSECTICIDE

Delegate™
INSECTICIDE

Delegate™ offers quick knockdown and residual control of western bean cutworm and European corn borer in corn with a novel Group 5 mode of action.

PRODUCT ADVANTAGES

- Unique Group 5 mode of action that provides fast knockdown through contact or ingestion
- Long-lasting residual control
- Translaminar activity provides extra protection against insects that feed on the underside of leaves

NITROGEN STABILIZER

eNtrench™
NITROGEN STABILIZER

Keep nitrogen in the root zone longer to protect your nitrogen investment and optimize yield and profit.

PRODUCT ADVANTAGES

- Stabilizes nitrogen by slowing the conversion of ammonium to nitrate, minimizing nitrogen loss mechanisms such as denitrification and leaching
- Designed for use with liquid fertilizers, including UAN and liquid manure or can be impregnated on to dry fertilizer blends

Enlist™
Weed Control System

REVOLUTIONIZE THE WAY YOU GROW CORN

The Enlist™ weed control system helps you meet the challenge of managing hard-to-control and resistant weeds in corn – including glyphosate-resistant weeds.

Enlist traits are included in some of our best corn hybrids available and when used with Enlist Duo™ herbicide with Colex-D™ technology you have cleaner corn fields for higher yield potential. You get:

EASE. It's an easy-to-use glyphosate-based weed control system.

CONTROL. There are two modes of action in Enlist Duo for exceptional control of over 70 weeds.

SAFETY. Near zero volatility and reduced potential for physical drift – Colex-D technology ensures Enlist Duo stays where it's sprayed.

TRAITS. Enlist corn hybrids are available with SmartStax® and PowerCore® insect protection traits.

Full approval is expected on Enlist soybeans soon.

NOTES

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Bt products may not yet be registered in all areas. Check with your seed representative for the registration status in your area.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

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Varieties with Genuity® Roundup Ready 2 Xtend™ (RR2X) technology contain genes that confer tolerance to dicamba and glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Genuity®, Roundup®, Roundup Ready 2 Yield® and Roundup Ready 2 Xtend™ are trademarks or registered trademarks of Monsanto Technology LLC used under license.

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