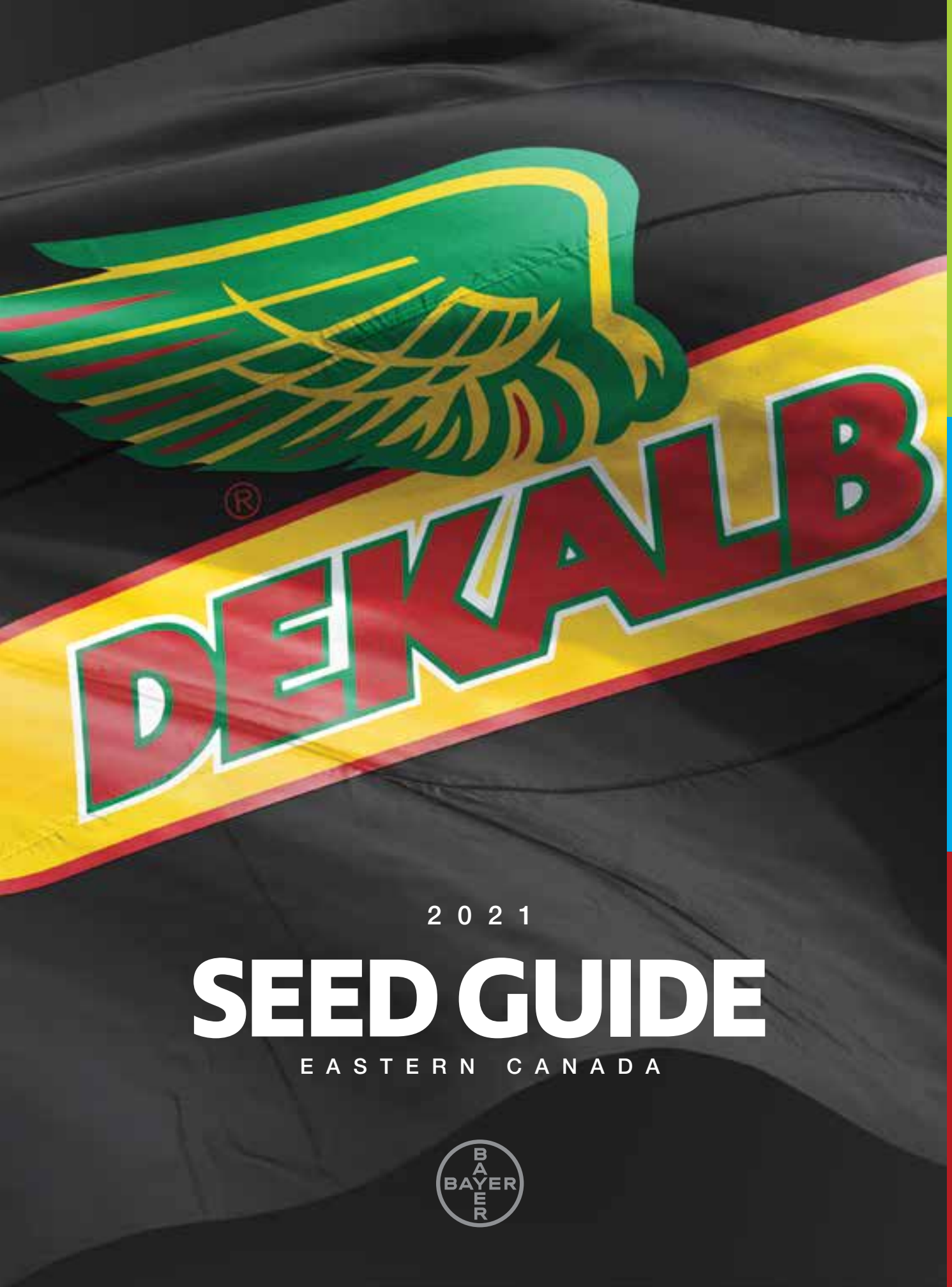

CORN

SOYBEANS

RESOURCES

2021

SEED GUIDE

EASTERN CANADA

BAYER

To our Eastern Canadian friends and customers,

As we head into the 2021 season, we appreciate the importance of getting off on the right foot. That's why we're proud to offer you a wide range of crop solutions designed to fit your farm. Whether it's our ever-advancing, high performance lineup of corn hybrids or our always dependable Roundup Ready 2 Xtend® soybean varieties, you can trust in DEKALB® seed across the board for your operation.

Add the power of Bayer crop protection products, and from seed to harvest, we're here to help you maximize your yield potential and return on investment now and for the future.

We'll never stop working to be your trusted partner to help you succeed season after season. We couldn't be more excited to help increase the profitability and sustainability of your operation, one field at a time.

So, here's to a big year for you and agriculture across this amazing country of ours. Let's continue to show the world what makes us so special.

Sincerely,

Shaun Corneillie
Bayer, Crop Science Division
VP Customer Marketing, Canada

BAYER

Corn

Soybeans

Resources

CORN

Bayer and the DEKALB® corn seed breeding program are committed to building a robust lineup of high performing corn hybrids that meet agronomic needs and help manage all conditions on your farm.

Features and Benefits of DEKALB corn

BRED FOR A VARIETY OF SOILS AND CONDITIONS

DEKALB corn hybrids are bred with one thing in mind: your performance. Every product we offer includes our leading technology and strong agronomics.

STRONG AGRONOMICS

From standability to yield and drought tolerance to disease resistance, DEKALB corn products are bred with strong agronomics to help you reach profitability across your fields

EXCLUSIVE GENETIC DIVERSITY

Our commitment to R&D and breeding builds from a diverse global germplasm pool and our hybrids are bred to achieve high yield potential and dependable performance

Data Driven Seed Prescriptions

Climate FieldView™ seed scripts are tailored to your individual needs, allowing you to create customized planting rate prescriptions for DEKALB corn. By scripting your DEKALB corn hybrids, you can help your farm meet yield and profitability goals by accurately identifying management zones to generate hybrid and field specific plans.

FieldView seed scripts generate the prescription by combining satellite imagery, historical field data and proprietary market development trial results. These trials generate local results relevant to your fields, hybrids and crop inputs to create a tailored plan for your farm.

Some of the benefits of using FieldView seed scripts with your DEKALB hybrids include:

- more than +2.5 bu/acre — Trials showed an average of a more than 2.5 bu/acre increase compared to growers who planted the same population across their fields*
- Gives you science-driven seeding rates
- Takes less than six minutes, on average, to create a prescription
- Easily collaborate with your agronomist or dealer on seeding prescriptions
- Repeatable seeding zones created, in seconds, using your historical yield or field health imagery
- Fully customizable recommendations

*Based on 14 Bayer Market Development trials performed in Canada in 2018. Your results may vary according to agronomic, environmental and pest variables.

Track Your Seed Start to Finish

A lot of decisions go into your fields every year. With data driven advice from your DEKALB advisor, execute the crop plan tailored for your fields using **FieldView**.

Monitor seed performance throughout the season, from anywhere on your mobile device or tablet. Review critical factors that may have impacted your field throughout the year to choose your hybrid or variety for next season.

See how a script was created for **DKC48-56RIB** and how FieldView can be used throughout the season to assess field performance:

Custom seed population prescription created for **DKC48-56RIB** in FieldView seed scripts

Scouting: Monitor crop progress with field health imagery

Harvest: View and assess the yield by specific population zone

Introducing twelve new additions to the DEKALB corn lineup:

We're pleased to offer different trait systems, so no matter where your farm is in Eastern Canada, you'll find DEKALB corn hybrids to fit your farm.

Roundup Ready 2 CORN

The new **DKC24-05** is equipped with Roundup Ready® 2 Technology and has a 74-day RM.* This versatile hybrid has excellent test weight and stalk strength. While it has late flowering timing for maturity, this hybrid dries down very quickly.

VT Double PRO RIB COMPLETE

VT Double PRO® RIB Complete® delivers two modes of action for above-ground stalk and ear protection from European corn borer, corn earworm and fall armyworm. VT Double PRO contains Roundup Ready 2 Technology, which allows the corn plant to withstand Roundup herbicide applications. Choose this trait when European corn borer is a concern.

With a 71-day RM, **DKC21-36RIB** is a strong hybrid that performs well through all stages. Beginning with excellent emergence, it has excellent root strength along with very good stalk strength. At harvest, this hybrid dries down very quickly and has a great appearance.

The new hybrid **DKC24-06RIB** has a 74-day RM with excellent stalk strength and excellent test weight during harvest. Plant at medium-to-high populations for best results.

The 81-day RM hybrid, **DKC31-85RIB** performs well with excellent staygreen and very good root and stalk strength. This hybrid also dries down quickly and has great harvest appearance. Plant at medium-to-high populations for best results.

DKC33-37RIB is a hybrid with a 83-day RM and excellent drought tolerance. It performs well, with very good root and stalk strength.

The 85-day RM hybrid, **DKC35-37RIB** is equipped with excellent seedling vigour, drought tolerance and a good disease tolerance package. This hybrid performs well in the beginning and growth stages of its life, with excellent emergence and very good root and stalk strength.

The new **DKC54-77RIB** hybrid comes equipped with a 104-day RM and a strong harvest package. Not only does it have excellent emergence, seedling vigour, root and stalk strength, but this hybrid also has excellent drydown and test weight.

Trecepta RIB COMPLETE

Trecepta® RIB Complete® technology reduces yield loss by protecting your corn crop from a wide range of pests. Different modes of action give you more complete control against above-ground pests including Western bean cutworm, black cutworm, corn borer, corn earworm and fall armyworm that can inflict serious crop damage. Trecepta contains Roundup Ready 2 Technology, which allows the corn plant to withstand Roundup herbicide applications. Choose Trecepta for Western bean cutworm control.

The all new **DKC51-99RIB** is a medium-to-tall plant with a 101-day RM. Not only does it have excellent seedling vigour and stalk strength, but it also performs well at harvest. This hybrid has very good drydown, test weight and harvest appearance.

DKC57-16RIB is our new hybrid with a 107-day RM. With excellent emergence, seedling vigour and root strength. It also performs well at harvest with excellent test weight, very good drydown and harvest appearance.

SmartStax RIB COMPLETE

SmartStax® RIB Complete® offers control of above and below-ground feeding insects, helping protect from roots to stalks to ears. SmartStax hybrids are an ideal choice for corn on corn areas, with multiple modes of action against corn rootworm, European corn borer, corn earworm, black cutworm and fall armyworm. The SmartStax trait includes Roundup Ready 2 and LibertyLink® technologies for herbicide tolerance. Choose this trait for corn rootworm control.

With a 99-day RM, say hello to the new **DKC49-44RIB**. This hybrid has very good emergence, seedling vigour, root and stalk strength. It performs well at harvest, and has good results when planted at medium-to-high plant populations.

With a 102-day RM, the new **DKC52-34RIB** hybrid has very good emergence and seedling vigour, accompanied by excellent root and stalk strength. Along with excellent staygreen, this hybrid performs well at harvest, with very good drydown, test weight and harvest appearance.

Our new 103-day RM hybrid, **DKC53-87RIB** comes equipped with a great harvest package. With excellent test weight, this hybrid also has very good drydown.

* = Refer to the References page at the end of this guide for more information.

2021 Corn Hybrids

DKC21-36RIB VT2P 71 RM 2025 CHU

NEW

VT DoublePRO RIB COMPLETE

- // Late flowering timing for maturity but dries down very quickly
- // Very good drought tolerance
- // Excellent root strength
- // Excellent emergence
- // Excellent tolerance to Northern corn leaf blight and common rust
- // Plant to target 28-32,000 plants per acre on highly productive ground

DKC23-17RIB VT2P 73 RM 2075 CHU

VT DoublePRO RIB COMPLETE · SILAGE READY

- // Early flowering, early maturing
- // Very good harvest appearance and agronomics; fast drydown
- // Brings improved yield potential to its maturity zone
- // Excellent stalk strength
- // Plant to target 36-38,000 plants per acre on highly productive ground

DKC24-06RIB VT2P 74 RM 2100 CHU

NEW

VT DoublePRO RIB COMPLETE

- // Excellent test weight
- // Excellent stalk strength
- // Very good drydown and harvest appearance
- // Very good root strength and drought tolerance
- // Plant to target 34-36,000 plants per acre on highly productive ground

DKC24-05 RR2 74 RM 2100 CHU

NEW

Roundup Ready Corn 2

- // Excellent stalk strength
- // Late flowering timing for maturity but dries down very quickly
- // Excellent test weight
- // Very good root strength and drought tolerance
- // Plant to target 34-36,000 plants per acre on highly productive ground

DKC26-40RIB VT2P 76 RM 2150 CHU

VT DoublePRO RIB COMPLETE · SILAGE READY

- // Excellent emergence
- // Strong disease package
- // Excellent test weight
- // Excellent late season appearance
- // Fast drydown helps put this hybrid on the early side of its relative maturity
- // Plant to target 36-38,000 plants per acre on highly productive ground

DKC29-89RIB VT2P 79 RM 2275 CHU

VT DoublePRO RIB COMPLETE

- // Excellent harvest appearance and very good drydown
- // Excellent root and stalk strength
- // Late flowering timing for maturity but dries down very quickly

DKC30-07RIB VT2P 80 RM 2350 CHU

VT DoublePRO RIB COMPLETE · SILAGE READY

- // Excellent harvest appearance and top end yield potential
- // Excellent plant health for quality silage and grain
- // Excellent root and stalk strength
- // Stable hybrid in all soil types tested
- // Performs well in clay and at high populations

DKC31-85RIB VT2P 81 RM 2425 CHU

NEW

VT DoublePRO RIB COMPLETE · SILAGE READY

- // Excellent staygreen
- // Above average rating on gibberella ear rot
- // Very good emergence
- // Very good root and stalk strength
- // Very good drought tolerance
- // Very good drydown and harvest appearance
- // Plant to target 34-36,000 plants per acre on highly productive ground

2021 DEKALB Corn Agronomic Ratings

	HYBRID*	MANAGEMENT				PLANTING		GROWTH						HARVEST		HERBICIDE & DISEASE TOLERANCE							SILAGE READY
		VALUE-ADDED TRAIT	RELATIVE MATURITY [1]	CHU	FLOWERING TIMING FOR MATURITY	TARGET POPULATION [2]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HERBICIDE SAFETY [3]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	EYE SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	
NEW	DKC21-36RIB	VT2P	71	2025	Late	28-32	2	3	2	3	3	M	2	2	4	✔	2	6	-	2	-	-	
	DKC23-17RIB	VT2P	73	2075	Early	36-38	3	4	3	2	3	M	2	2	1	✔	4	–	3	4	AA	5	SILAGE READY
NEW	DKC24-06RIB	VT2P	74	2100	Late	34-36	3	3	3	2	3	M-T	3	3	2	✔	5	-	-	2	AA	5	
NEW	DKC24-05	RR2	74	2100	Late	34-36	3	3	3	2	3	M-T	3	2	2	✔	5	-	-	2	AA	5	
	DKC26-40RIB	VT2P	76	2150	Late	36-38	2	2	3	2	2	M-T	2	3	1	✔	4	-	4	3	A	5	SILAGE READY
	DKC29-89RIB	VT2P	79	2275	Late	34-36	3	3	2	2	2	M-T	2	3	4	✔	3	6	4	3	A	5	
	DKC30-07RIB	VT2P	80	2350	Avg	36-38	2	2	2	2	3	M-T	2	3	3	✔	4	-	3	3	AA	5	SILAGE READY
NEW	DKC31-85RIB	VT2P	81	2425	Avg	34-36	3	3	3	3	3	M	2	3	5	✔	3	-	-	-	AA	4	SILAGE READY

Data compiled from Bayer conducted field trials.

LEGEND

Plant Height
S = Short
M = Medium
T = Tall

Rating Scale
1-2 = Excellent
3-4 = Very Good
5-6 = Good to Average
7-8 = Fair to Poor
9 = Poor
- = Not Available

Value-Added Trait
RR2 = Roundup Ready® Corn 2
SS = SmartStax®
VT2P = VT Double PRO®
TRE = Trecepta®

Gibberella Ear Rot Rating
AA = Above Average
A = Average
BA = Below Average

Herbicide Safety
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend®, Xtendimax®, 2,4-D)
IS = Adverse effects from Isoxaflutole Herbicides (Converge®)
✔ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates

* = The RIB designation refers to a RIB Complete® product.
[1, 2, 3] = Refer to the References page at the end of this guide for more information.

2021 Corn Hybrids

DKC32-12RIB VT2P 82 RM 2450 CHU

VTDoublePRO RIB COMPLETE® SILAGE READY™

// Excellent stalk strength from a medium-to-tall statured plant
// Great performance under drought stress
// Excellent test weight and grain quality
// Well suited across all soil types and yield environments tested

DKC33-78RIB VT2P 83 RM 2400 CHU

VTDoublePRO RIB COMPLETE®

// Solid agronomics with excellent stalks, standability and drydown
// Top end yield potential
// Very good staygreen and late season plant health
// Very good drought tolerance
// Performs well across all soil types and yield environments tested
// Excellent test weight

NEW

DKC33-37RIB VT2P 83 RM 2500 CHU

VTDoublePRO RIB COMPLETE®

// Excellent drought tolerance
// Very good drydown and harvest appearance
// Very good root and stalk strength
// Plant to target 34-36,000 plants per acre on highly productive ground

DKC34-57RIB VT2P 84 RM 2575 CHU

VTDoublePRO RIB COMPLETE® SILAGE READY™ PROLINE®

// High yield potential
// Strong performance across all yield environments tested
// Flowering and drydown on target for maturity
// Performs best on loamy soils
// Tall plant type with Silage Ready™ designation; great dual-purpose hybrid
// An application of Proline® fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

DKC35-88RIB VT2P 85 RM 2550 CHU

VTDoublePRO RIB COMPLETE®

// Excellent yield potential across all soil types and yield environments tested
// Flowers and dries down true to relative maturity
// Excellent roots and very good stalks
// Excellent drought tolerance

NEW

DKC35-37RIB VT2P 85 RM 2575 CHU

VTDoublePRO RIB COMPLETE®

// Excellent emergence
// Excellent seedling vigour
// Above average ratings on gibberella ear rot
// Very good root and stalk strength
// Very good staygreen and drydown
// Plant to target 34-36,000 plants per acre on highly productive ground

DKC37-85RIB SS 87 RM 2650 CHU

SmartStax RIB COMPLETE®

// Very stress tolerant, stable hybrid across yield environments tested
// Excellent emergence and early season growth for early planting
// Girthy ears with open husks for fast drydown
// Performs well across all soil types and yield environments tested

DKC38-55RIB VT2P 88 RM 2650 CHU

VTDoublePRO RIB COMPLETE® SILAGE READY™

// Medium-to-tall statured hybrid that flowers early for its relative maturity
// Performs well on all soil types tested
// Plant at medium-to-high populations for best results

2021 DEKALB Corn Agronomic Ratings

	HYBRID*	MANAGEMENT				PLANTING		GROWTH						HARVEST		HERBICIDE & DISEASE TOLERANCE							SILAGE READY
		VALUE-ADDED TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	TARGET POPULATION[2]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HERBICIDE SAFETY[3]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	EYE SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	
	DKC32-12RIB	VT2P	82	2450	Avg	34-36	2	2	2	2	2	M-T	2	2	2	✔	4	4	3	3	AA	5	SILAGE READY
	DKC33-78RIB	VT2P	83	2400	Early	34-36	2	3	2	2	4	M	4	1	2	✔	2	-	2	3	A	5	
NEW	DKC33-37RIB	VT2P	83	2500	Avg	34-36	4	4	3	3	2	M	3	4	4	✔	5	5	-	3	A	5	
	DKC34-57RIB	VT2P	84	2575	Avg	36-38	2	2	3	4	2	T	3	4	3	✔	5	-	4	4	BA	5	SILAGE READY
	DKC35-88RIB	VT2P	85	2550	Avg	36-38	2	2	2	4	2	M	4	2	2	✔	5	4	3	3	A	5	
NEW	DKC35-37RIB	VT2P	85	2575	Avg	34-36	2	2	3	3	5	M-T	3	3	4	✔	4	5	-	2	AA	6	
	DKC37-85RIB	SS	87	2650	Avg	34-36	2	2	3	4	3	M	4	3	3	✔	3	-	4	4	A	6	
	DKC38-55RIB	VT2P	88	2650	Early	34-36	2	3	2	4	2	M-T	3	2	3	✔	4	4	3	3	A	5	SILAGE READY

Data compiled from Bayer conducted field trials.

LEGEND

Plant Height
S = Short
M = Medium
T = Tall

Rating Scale
1-2 = Excellent
3-4 = Very Good
5-6 = Good to Average
7-8 = Fair to Poor
9 = Poor
- = Not Available

Value-Added Trait
RR2 = Roundup Ready® Corn 2
SS = SmartStax®
VT2P = VT Double PRO®
TRE = Trecepta®

Gibberella Ear Rot Rating
AA = Above Average
A = Average
BA = Below Average

Herbicide Safety
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend®, Xtendimax®, 2,4-D)
IS = Adverse effects from Isoxaflutole Herbicides (Converge®)
✔ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates

* = The RIB designation refers to a RIB Complete® product.
[1, 2, 3] = Refer to the References page at the end of this guide for more information.

2021 Corn Hybrids

DKC39-97RIB SS 89 RM 2700 CHU

SmartStax RIB COMPLETE · SILAGE READY

// Excellent early season growth and vigour for early planting
// Excellent drydown and solid agronomics
// Excellent stalks and roots; girthy cob and very good late season plant health
// Medium plant type; great dual-purpose hybrid
// Performs well across all soil types and yield environments tested
// Plant at higher populations to maximize yields

DKC41-95 RR2 91 RM 2775 CHU

Roundup Ready Corn 2 · PROLINE

// Performs well across all soil types, rotations and yield environments tested
// Plant at medium-to-high plant populations
// Excellent stalk strength and seedling vigour
// An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

DKC42-05RIB VT2P 92 RM 2800 CHU

VT Double PRO RIB COMPLETE · SILAGE READY

// Excellent seedling vigour
// Excellent drought tolerance and good overall stress tolerance
// A tall plant with great ear flex
// Excellent drydown

DKC43-47RIB SS 93 RM 2825 CHU

SmartStax RIB COMPLETE · PROLINE

// Versatile hybrid with top end yield potential
// Excellent stalks and roots with very good drydown
// Excellent drought and stress tolerance
// Plant at medium-high to high populations to maximize yield potential
// Keep in proper maturity zone for best results
// Excellent choice for corn on corn rotations because of disease package
// An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

DKC41-99RIB VT2P 91 RM 2775 CHU

VT Double PRO RIB COMPLETE · SILAGE READY · PROLINE

// Performs well across all soil types, rotations and yield environments tested
// Strong silage potential
// Plant at medium-to-high plant populations
// Medium-to-tall plant type
// An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

DKC42-60RIB SS 92 RM 2775 CHU

SmartStax RIB COMPLETE

// Very good emergence and seedling growth
// Solid agronomics with very good test weight
// Excellent stalk strength
// Very good stress tolerance
// Performs best on medium-to-highly productive ground

DKC42-04RIB SS 92 RM 2800 CHU

SmartStax RIB COMPLETE · SILAGE READY

// Excellent seedling vigour
// Excellent drought tolerance and good overall stress tolerance
// A tall plant with great ear flex
// Excellent drydown
// An ideal choice for corn on corn areas

DKC44-80RIB VT2P 94 RM 2850 CHU

VT Double PRO RIB COMPLETE · SILAGE READY

// Strong performance across all yield zones tested
// Great ear flex to compensate in lower plant populations
// Excellent emergence and seedling vigour
// Plant at medium populations for best results
// Performs best on clay and loam soil types
// Excellent drydown

2021 DEKALB Corn Agronomic Ratings

HYBRID*	MANAGEMENT				PLANTING		GROWTH						HARVEST		HERBICIDE & DISEASE TOLERANCE							SILAGE READY
	VALUE-ADDED TRAIT	RELATIVE MATURITY [1]	CHU	FLOWERING TIMING FOR MATURITY	TARGET POPULATION [2]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HERBICIDE SAFETY [3]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	EYE SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	
DKC39-97RIB	SS	89	2700	Early	34-36	2	2	2	2	2	M	3	2	3	✔	4	-	4	3	AA	5	SILAGE READY
DKC41-99RIB	VT2P	91	2775	Avg	36-38	2	2	3	2	3	M-T	3	3	4	✔	3	4	3	4	BA	5	SILAGE READY
DKC41-95	RR2	91	2775	Avg	36-38	2	2	3	2	3	M-T	3	3	4	✔	3	-	3	4	BA	5	
DKC42-60RIB	SS	92	2775	Avg	36-38	3	3	2	2	3	M	2	3	3	✔	2	6	3	3	A	5	
DKC42-05RIB	VT2P	92	2800	Avg	32-34	3	2	3	4	2	T	3	2	3	✔	4	5	2	3	AA	5	SILAGE READY
DKC42-04RIB	SS	92	2800	Avg	32-34	3	2	3	4	2	T	3	2	3	✔	4	5	2	3	AA	5	SILAGE READY
DKC43-47RIB	SS	93	2825	Late	36-38	3	1	1	1	2	M-T	3	3	4	GR	5	3	3	2	BA	5	
DKC44-80RIB	VT2P	94	2850	Early	32-34	2	2	3	5	3	T	3	2	3	✔	5	5	-	3	AA	2	SILAGE READY

Data compiled from Bayer conducted field trials.

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Herbicide Safety
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend®, Xtendimax®, 2,4-D)
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✔ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates

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[1, 2, 3] = Refer to the References page at the end of this guide for more information.

2021 Corn Hybrids

DKC45-65RIB SS 95 RM 2875 CHU

SmartStax RIB COMPLETE · SILAGE READY

// Hybrid that packages high yield potential and stable performance under stress and low yield environments
// Excellent early season growth and vigour; good for early planting and no till planting
// Strong roots and stalks; excellent late season standability
// Excellent staygreen and very good harvest appearance; excellent drydown

DKC46-17RIB VT2P 96 RM 2875 CHU

VTDoublePRO RIB COMPLETE · SILAGE READY · PROLINE

// Solid agronomics and defensive traits
// Excellent test weight
// Excellent, consistent yield potential across all soil types and environments tested
// Excellent stalks and very good roots
// Excellent fit for light, variable, stressed soils
// An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

DKC47-55RIB VT2P 97 RM 2925 CHU

VTDoublePRO RIB COMPLETE · SILAGE READY

// Excellent test weight and stable yield performance in lower yield environments
// Good disease tolerance package
// Excellent drydown and standability
// Excellent roots and very good stalks
// Plant at medium populations for best results

DKC48-28RIB VT2P 98 RM 2950 CHU

VTDoublePRO RIB COMPLETE · PROLINE

// Strong performance on loam soils with high-end yield potential
// Strong potential for ear flex
// Excellent drydown and test weight
// Plant at medium to medium-high plant populations
// An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

DKC48-56RIB SS 98 RM 2950 CHU

SmartStax RIB COMPLETE · SILAGE READY

// Strong, stable performing hybrid
// Incredible top end yield potential
// Great disease package
// Clean grain with excellent test weight
// Performs best on productive soils
// Excellent choice for corn on corn or rotated ground

DKC49-09RIB VT2P 99 RM 2975 CHU

VTDoublePRO RIB COMPLETE · SILAGE READY

// Excellent seedling vigour
// Tall hybrid with a great dual purpose silage fit
// Excellent drought tolerance
// Excellent drydown and performs well across all yield environments tested
// Plant at medium-high populations for best results

NEW

DKC49-44RIB SS 99 RM 3025 CHU

SmartStax RIB COMPLETE

// Very good emergence
// Very good seedling vigour, root strength and stalk strength
// Performs well at harvest, with very good dry down, test weight and harvest appearance

DKC50-78RIB VT2P 100 RM 2975 CHU

VTDoublePRO RIB COMPLETE · PROLINE

// Versatile hybrid with top-end performance across all soil types and environments tested
// Very good harvest appearance to allow for late season harvest flexibility
// Excellent stalk and root strength; excellent test weight
// Plant at medium populations to maximize yield potential
// An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

2021 DEKALB Corn Agronomic Ratings

HYBRID*	MANAGEMENT				PLANTING		GROWTH						HARVEST		HERBICIDE & DISEASE TOLERANCE							SILAGE READY
	VALUE-ADDED TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	TARGET POPULATION[2]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HERBICIDE SAFETY[3]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	EYE SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	
DKC45-65RIB	SS	95	2875	Avg	36-38	3	2	3	2	2	M-T	2	2	3	✔	4	5	4	3	A	5	SILAGE READY
DKC46-17RIB	VT2P	96	2875	Late	34-36	3	1	3	2	3	M	3	2	2	GR	3	6	3	3	BA	5	SILAGE READY
DKC47-55RIB	VT2P	97	2925	Avg	34-36	2	2	2	3	2	M	2	2	1	✔	4	5	4	3	A	2	SILAGE READY
DKC48-28RIB	VT2P	98	2950	Avg	34-36	2	2	3	3	3	M	3	2	2	IS	5	5	4	4	BA	5	
DKC48-56RIB	SS	98	2950	Early	36-38	3	2	3	2	3	M-T	2	3	2	GR	4	4	3	4	AA	6	SILAGE READY
DKC49-09RIB	VT2P	99	2975	Early	36-38	2	2	3	3	2	T	2	2	3	✔	5	5	-	3	A	1	SILAGE READY
NEW DKC49-44RIB	SS	99	3025	Early	34-36	3	3	3	3	3	M	3	3	3	✔	5	5	-	3	A	4	
DKC50-78RIB	VT2P	100	2975	Early	32-34	3	2	1	1	3	M	3	2	2	✔	4	6	4	2	BA	5	

Data compiled from Bayer conducted field trials.

LEGEND

Plant Height
S = Short
M = Medium
T = Tall

Rating Scale
1-2 = Excellent
3-4 = Very Good
5-6 = Good to Average
7-8 = Fair to Poor
9 = Poor
- = Not Available

Value-Added Trait
RR2 = Roundup Ready® Corn 2
SS = SmartStax®
VT2P = VT Double PRO®
TRE = Trecepta®

Gibberella Ear Rot Rating
AA = Above Average
A = Average
BA = Below Average

Herbicide Safety
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend®, Xtendimax®, 2,4-D)
IS = Adverse effects from Isoxaflutole Herbicides (Converge®)
✔ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates

* = The RIB designation refers to a RIB Complete® product.
[1, 2, 3] = Refer to the References page at the end of this guide for more information.

2021 Corn Hybrids

DKC50-26RIB SS 100 RM 3050 CHU

SmartStax RIB COMPLETE | SILAGE READY

// Excellent seedling vigour
// Excellent stalk strength
// Very good disease package and late season health
// Excellent test weight and grain quality

NEW DKC51-99RIB TRE 101 RM 3075 CHU

Trecepta RIB COMPLETE

// An early flower timing to maturity hybrid
// Excellent stalk strength and seedling vigour
// Excellent staygreen
// Performs well at harvest

NEW DKC52-34RIB SS 102 RM 3100 CHU

SmartStax RIB COMPLETE

// Excellent root and stalk strength
// Excellent staygreen
// Very good harvest performance
// Good disease package with excellent tolerance to anthracnose

DKC52-84RIB SS 102 RM 3100 CHU

SmartStax RIB COMPLETE

// Widely adapted hybrid with high yield potential; good stability in stress conditions
// Excellent roots and stalks
// Very good late season appearance and intactness
// Open husk, semi fixed ear with excellent drydown
// Will perform best at higher populations

NEW DKC53-87RIB SS 103 RM 3125 CHU

SmartStax RIB COMPLETE

// Excellent test weight
// Performs well at harvest with very good drydown and harvest appearance
// Plant at medium-high populations for best results
// Very good protection against common rust

DKC53-56RIB SS 103 RM 3125 CHU

SmartStax RIB COMPLETE

// Broadly adapted hybrid that offers top-end yield potential
// Excellent emergence and seedling growth
// Excellent roots and stalks
// Very good drought tolerance
// Performs well across all soil types and yield environments tested
// Excellent fit for corn on corn rotations

NEW DKC54-77RIB VT2P 104 RM 3150 CHU

VTDoublePRO RIB COMPLETE

// Excellent emergence
// Excellent seedling vigour, root strength and stalk strength
// Performs well at harvest, with excellent drydown and test weight

DKC54-45RIB SS 104 RM 3175 CHU

SmartStax RIB COMPLETE

// Excellent seedling vigour
// Very good staygreen through harvest
// Excellent yield potential
// Consistent, strong yield potential across all yield environments tested
// Plant at medium to medium-high populations for best results

2021 DEKALB Corn Agronomic Ratings

	HYBRID*	MANAGEMENT				PLANTING		GROWTH						HARVEST		HERBICIDE & DISEASE TOLERANCE							SILAGE READY
		VALUE-ADDED TRAIT	RELATIVE MATURITY [1]	CHU	FLOWERING TIMING FOR MATURITY	TARGET POPULATION [2]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HERBICIDE SAFETY [3]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	EYE SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	
	DKC50-26RIB	SS	100	3050	Late	36-38	3	2	3	2	2	T	2	2	1	✔	4	5	2	3	AA	2	SILAGE READY
NEW	DKC51-99RIB	TRE	101	3075	Early	34-36	3	2	3	2	3	M-T	2	3	3	-	6	5	-	3	A	4	
NEW	DK52-34RIB	SS	102	3100	Avg	34-36	3	3	2	2	4	M-T	2	3	3	✔	5	5	-	3	A	2	
	DKC52-84RIB	SS	102	3100	Early	36-38	4	3	2	1	2	M	3	2	4	✔	3	6	3	3	AA	5	
NEW	DKC53-87RIB	SS	103	3125	Late	34-36	4	4	4	5	4	M	5	3	2	✔	4	5	-	3	A	4	
	DKC53-56RIB	SS	103	3125	Early	34-36	1	2	1	1	3	M	3	3	3	✔	4	5	2	3	A	4	
NEW	DKC54-77RIB	VT2P	104	3150	Late	34-36	1	1	2	2	3	M	3	2	2	✔	4	4	-	3	A	3	
	DKC54-45RIB	SS	104	3175	Avg	34-36	3	2	3	4	4	M-T	3	3	4	✔	3	5	-	3	A	2	

Data compiled from Bayer conducted field trials.

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RR2 = Roundup Ready® Corn 2
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TRE = Trecepta®

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2021 Corn Hybrids

DKC55-05RIB VT2P 105 RM 3175 CHU

VT Double PRO RIB COMPLETE PROLINE

- // Very good disease tolerance
- // Strong yield potential
- // Plant at medium-to-high populations for best results
- // Excellent late season drydown
- // Performs well across all soil types tested
- // An application of Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

NEW DKC57-16RIB TRE 107 RM 3200 CHU

Trecepta RIB COMPLETE

- // Excellent emergence
- // Excellent seedling vigour and root strength
- // Performs well at harvest with excellent test weight, very good drydown and very good harvest appearance
- // Plant at medium-high populations for best results

DKC58-06RIB SS 108 RM 3225 CHU

SmartStax RIB COMPLETE SILAGE READY

- // Excellent yield potential
- // Excellent agronomics
- // Performs on highly productive soils
- // Plant at medium populations for best yield results
- // Excellent Silage Ready™ features, including high yield potential, starch and milk per acre
- // Performs best on clay to loam soils

DKC59-50RIB VT2P 109 RM 3300 CHU

VT Double PRO RIB COMPLETE

- // Exceptional top end yield potential
- // Excellent stalks and roots for late season standability
- // Semi-flex ear type provides some population flexibility
- // Very good drought tolerance
- // Excellent staygreen and harvest appearance
- // Excellent test weight and drydown

DKC60-87RIB SS 110 RM 3325 CHU

SmartStax RIB COMPLETE SILAGE READY

- // Excellent grain quality and test weight
- // Strong overall hybrid with good agronomics and disease package
- // Responds well to increased management
- // Plant at medium to medium-high populations for best results

DKC63-60RIB SS 113 RM 3375 CHU

SmartStax RIB COMPLETE SILAGE READY

- // Very good grain quality and food grade potential
- // Solid overall agronomics lead to great late season standability
- // Very good response to higher populations
- // Excellent late season health allows for delayed harvest
- // Very good grain quality

2021 DEKALB Corn Agronomic Ratings

HYBRID*	MANAGEMENT				PLANTING		GROWTH						HARVEST		HERBICIDE & DISEASE TOLERANCE							SILAGE READY
	VALUE-ADDED TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	TARGET POPULATION[2]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HERBICIDE SAFETY[3]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	EYE SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	
DKC55-05RIB	VT2P	105	3175	Late	32-34	2	3	2	3	3	M-T	3	2	3	✔	4	4	3	3	BA	4	
NEW DKC57-16RIB	TRE	107	3200	Avg	34-36	2	2	2	3	3	M	3	3	2	-	3	4	-	3	BA	6	
DKC58-06RIB	SS	108	3225	Avg	34-36	2	2	2	4	5	M-T	2	2	2	✔	4	4	3	3	A	5	SILAGE READY
DKC59-50RIB	VT2P	109	3300	Avg	36-38	2	3	2	2	2	T	1	2	2	✔	3	5	3	3	A	4	
DKC60-87RIB	SS	110	3325	Early	34-36	3	2	4	3	3	M-T	3	3	2	✔	4	5	3	4	A	3	SILAGE READY
DKC63-60RIB	SS	113	3375	Avg	34-36	1	1	3	2	3	M-T	2	4	1	✔	4	5	3	4	AA	4	SILAGE READY

Data compiled from Bayer conducted field trials.

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What is Silage Ready™?

DEKALB® Silage Ready™ hybrids are determined by:

// The rating for a given hybrid's attributes is determined through our Canadian Market Development testing program of randomized and replicated plots

// A hybrid needs to have demonstrated high yield attributes in its respective growing zone, measured as tonnage, corrected to 65% standard moisture (TM65%) and milk/acre measured as pounds of milk produced per acre

// Hybrids require a minimum of 2 years of testing to ensure consistency of performance

A good silage corn product has:

// High Milk per Ton (MPT)

// High Milk per Acre (MPA)

// High silage yield

// High Neutral Detergent Fiber (NDF) digestibility

// High starch digestibility

Dual purpose corn hybrids

DEKALB corn hybrids are bred for grain and tested for silage qualities after commercialization. As a result, all products in the DEKALB Silage Ready lineup are dual purpose. The benefits of this include:

// Combining high digestibility with high energy content

// Allowing more flexibility to foster maximum whole-farm profitability

// Simplifying management

// Bayer traits offer insect and crop protection leading to higher yield potential

When you use the Climate FieldView™ software platform weather information, you can see historical, daily and season to date precipitation amounts to understand which of your fields need to be scouted for disease development

PROLINE®

Recommendations for controlling gibberella ear rot and a wide range of leaf diseases include:

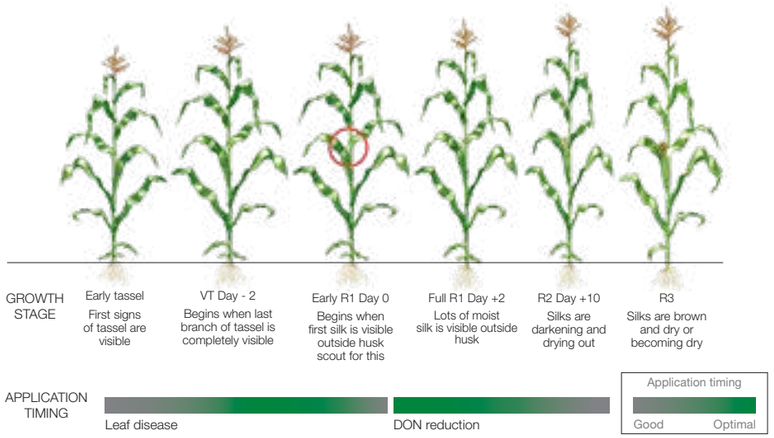
// Planting multiple hybrids on your farm

// Applying Proline fungicide at silking is recommended if conditions are conducive to DON/gibberella ear rot development

// Scout at Day 0 (early R1) when the first silks are present outside the husk

// Aim to apply when there is plentiful, wet silks on the main ear

// To get the most out of your fungicide application, it is imperative to understand your field-level weather conditions for each season



2021 DEKALB Silage Ready lineup

	HYBRID*	VALUE-ADDED TRAIT	CHU GRAIN CORN	CHU SILAGE CORN	SILAGE YIELD	DIGESTIBLE NEUTRAL DETERGENT FIBER	% STARCH	MILK PER TONNE	MILK PER ACRE
	DKC23-17RIB	VT2P	2075	1800-2000	2	2	1	3	2
	DKC26-40RIB	VT2P	2150	1900-2100	1	1	2	2	1
	DKC30-07RIB	VT2P	2350	2100-2275	2	2	2	2	1
NEW	DKC31-85RIB	VT2P	2375	2125-2300	2	1	2	1	2
	DKC32-12RIB	VT2P	2450	2150-2350	2	2	1	2	2
	DKC34-57RIB	VT2P	2575	2300-2500	1	2	1	2	1
	DKC38-55RIB	VT2P	2650	2425-2600	3	2	2	2	2
	DKC41-99RIB	VT2P	2750	2500-2675	1	2	1	1	1
NEW	DKC42-05RIB	VT2P	2800	2550-2725	1	2	1	1	1
NEW	DKC42-04RIB	SS	2800	2550-2725	1	2	1	1	1
NEW	DKC44-80RIB	VT2P	2850	2600 - 2775	2	2	3	1	2
	DKC45-65RIB	SS	2875	2625-2800	3	2	2	2	2
	DKC46-17RIB	VT2P	2875	2625-2800	2	2	2	2	1
NEW	DKC47-55RIB	VT2P	2925	2675-2850	3	2	3	3	3
	DKC48-56RIB	SS	2950	2700-2875	3	2	1	3	1
	DKC49-09RIB	VT2P	2975	2725-2900	1	2	2	2	1
	DKC50-26RIB	SS	3050	2800-2975	2	2	2	1	2
	DKC60-87RIB	SS	3325	3125-3275	2	2	3	2	2
	DKC63-60RIB	SS	3375	3175-3325	1	2	1	1	1

Data compiled from Bayer conducted field trials.

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Value-Added Trait

RR2 = Roundup Ready® Corn 2
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it's time for

clean ears

Trecepta® *combines the power of three different modes of action for broad-spectrum control of above-ground feeding pests, including Western Bean Cutworm. That means more grain in the bin and more money in the bank.**

Trecepta® RIB COMPLETE® CORN

*Where Western Bean Cutworms were present, tested corn hybrids containing the Trecepta trait had higher yields and quality than tested corn hybrids not containing the Trecepta trait. Source: Market Development Trials (2017-2018) n=11.

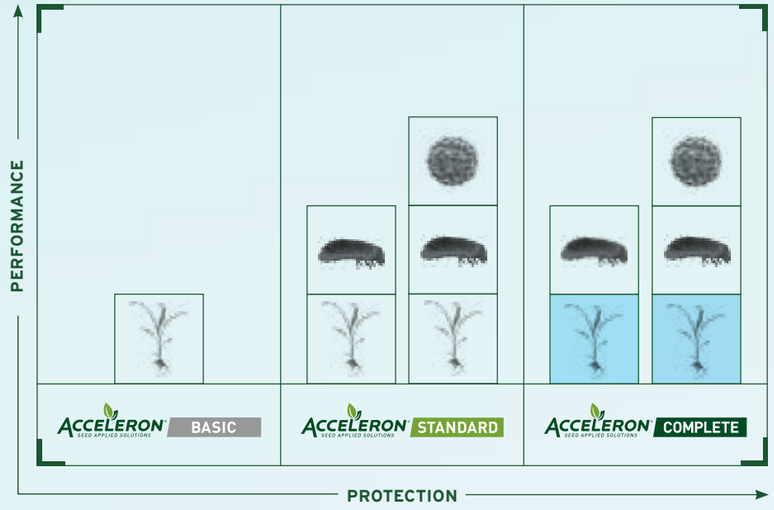
Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Trecepta® RIB Complete® Corn has been approved for import into Australia/New Zealand, Colombia, China, Japan, South Korea, Mexico, Taiwan, United States and all individual biotech traits approved for import into the European Union. Please check biotradestatus.com for trait approvals in other geographies. Any other Monsanto commercial biotech products mentioned here have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

CORN

RISE & SHINE

PROTECT YOUR SEEDS PERFORMANCE

ACCELERON® SEED APPLIED SOLUTIONS



Fungicides
Excellent control of labeled soil and seedborne disease including Pythium, Rhizoctonia, Fusarium, Phomopsis, Rhizopus, Aspergillus, and Penicillium.

Enhanced Disease Control
High rate of prothioconozle & fluoxastrobin for enhanced early to mid-season disease control.

Insecticide
Protection from labeled early season pests, such as wireworm, white grubs, cutworms, seed corn maggots, and army worms.

Bio-Enhancer
The BioRise™ Corn Offering is designed to increase functional root volume, as well as water and nutrient uptake through enhanced mycorrhizal colonization.

DEKALB

New seamless offering for new 2021 DEKALB® corn hybrids. One easy decision delivers your seed with the coverage they need to rise and shine above whatever this year has in store.

BioRise™ Corn Offering[1]

HOW IT WORKS:

- The LCO (lipochitooligosaccharide) enhances mycorrhizal colonization, which:
  1. **Increases functional root volume**
  2. **Increases water and nutrient uptake through the roots**
- Increased nutrient availability and nutrient/water uptake increases yield potential.

DuPont™ Lumivia®

insecticide seed treatment

Lumivia® is a premium insecticide seed treatment with a new mode of action, setting new standards for corn growers by helping protect their crop early, achieve a uniform and healthy stand, and improve yield potential.

LUMIVIA® PROVIDES A NEW MODE OF ACTION FOR CORN

- Lumivia® is the first insecticide seed treatment using chlorantraniliprole, the active ingredient belonging to a new class of chemistry called anthranilic diamides.
- As a seed treatment, Lumivia® is fast acting; within minutes of ingestion, chlorantraniliprole causes paralysis of target pests, preventing feeding, and eventually causing death.

LUMIVIA® PROVIDES SEEDLING PROTECTION TO DEVELOP UNIFORM AND HEALTHY STANDS THAT HELPS MAXIMIZE YIELD POTENTIAL

LUMIVIA® OFFERS FAST-ACTING PROTECTION UP TO THE 4-5 LEAF STAGE AGAINST EARLY-SEASON INSECT PESTS SUCH AS WIREWORMS, WHITE GRUBS, CUTWORMS, SEED CORN MAGGOTS, AND ARMY WORMS

- Lumivia® quickly moves systemically upward throughout the plant from seed germination to V5 seedling stage, delivering protection to new growth.

LUMIVIA® HAS AN EXCELLENT ENVIRONMENTAL PROFILE

- When used according to label directions, Lumivia® has minimal impact on beneficial insects and pollinators.
- This selectivity, combined with robust pest control, makes Lumivia® a strong tool for Integrated Pest Management (IPM) programs.

For treatment options and availability, see your DEKALB retailer or visit **DEKALB.ca to find your local Bayer Representative.**

FOR CORN, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: **BASIC** is a combination of fluoxastrobin, prothioconazole and metalaxyl. **STANDARD** is a combination of fluoxastrobin, prothioconazole, metalaxyl and clothianidin. **STANDARD plus** DuPont™ Lumivia® is a combination of fluoxastrobin, prothioconazole, metalaxyl and chlorantraniliprole. **COMPLETE plus** DuPont™ Lumivia® is a combination of metalaxyl, chlorantraniliprole, and prothioconazole and fluoxastrobin at rates that suppress additional diseases.

[1] **BioRise™ Corn Offering** is the on-seed application of either BioRise 360 ST or the separately registered seed applied products Acceleron® B-300 SAT and BioRise™ 360 ST. BioRise Corn Offering is included seamlessly across offerings on all class of 2019, 2020 and 2021 **STANDARD, STANDARD plus** DuPont™ Lumivia®, and **COMPLETE plus** DuPont™ Lumivia® base genetics.

SOYBEANS

Roundup Ready 2 Xtend® soybeans combine the proven yield potential of the Roundup Ready 2 Yield® soybean trait, along with tolerance to Roundup Xtend with VaporGrip® Technology and XtendiMax® with VaporGrip® Technology herbicides. With FieldView™, map where each DEKALB® soybean variety is planted to easily plan your applications of Roundup Xtend with VaporGrip Technology herbicide.

Features and Benefits of DEKALB soybeans

DISEASE PROTECTION

DEKALB soybean varieties feature strong disease packages that help protect your yield when conditions are favourable to disease development. All DEKALB varieties are evaluated in local field conditions for tolerance to diseases such as phytophthora root rot, white mould and sudden death syndrome.

THE RIGHT MATURITY FOR YOUR FARM

No matter where you farm, the DEKALB soybean lineup offers varieties across a range of maturities to give you options for your rotation. DEKALB offers Canadian farmers soybean varieties with relative maturities from 000.5 to 3.3 RM.

AGRONOMIC SUPPORT

DEKALB soybean varieties are tested extensively through our farmer-led DEKALB Market Development trials offering in-depth agronomic information and localized recommendations

The NEW 2021 DEKALB soybean varieties with the Roundup Ready 2 Xtend soybean trait are the first step in achieving high yield potential in your fields. Complete the Roundup Ready Xtend Crop System by applying Roundup Xtend with VaporGrip Technology herbicide for weed control of hard-to-kill and glyphosate-resistant broadleaf weeds, such as Canada fleabane.

ROUNDUP READY 2 XTEND SOYBEANS + (Roundup XTEND with VaporGrip Technology OR XTENDIMAX with VaporGrip Technology OR Roundup WeatherMAX Herbicide with TRANSORB II Technology) = ROUNDUP READY XTEND CROP SYSTEM

DEKALB is committed to providing a broad lineup of Roundup Ready 2 Xtend soybeans, to help you find the right fit for your operation

DEKALB has the most Roundup Ready 2 Xtend soybean varieties in the market. With the newest genetics from DEKALB, you can get the variety that best suits the agronomic needs of your farm. DEKALB soybeans offer reliable performance and harvest ease through a robust and broad spectrum weed control system. The residual activity of Roundup Xtend and XtendiMax herbicides can help reduce early weed competition and improve late-season control, supporting higher yield potential and cleaner fields at harvest.

Introducing our 7 new soybean varieties

Introducing the new 00.2 RM* variety, **DKB002-32**, a branchy, medium height plant with excellent standability. This variety excels in moderate to high fertility environments, is well adapted to all row widths, soil types tested and a good fit for no-till. The disease package includes resistance to soybean cyst nematode (R3) and very good phytophthora root rot field tolerance (Rps1k).

ROUNDUP READY 2 XTEND SOYBEANS

The new **DKB03-25** variety has a 0.3 RM and suits all soil types tested. It has excellent standability and no-till adaptability, along with very good emergence and seedling vigour. Along with its excellent tolerance to white mould, it also has very good tolerance to phytophthora root rot (Rps1c).

DKB07-39 is a medium-to-tall plant with a 0.7 RM and a good disease package, with excellent tolerance against phytophthora root rot (Rps1c & 3a) and brown stem rot. It also has very good emergence, seedling vigour, and standability. This variety performs well across all soil types tested, and has resistance to soybean cyst nematode, an excellent new option to this maturity group.

The medium-to-tall plant variety with a 1.1 RM, **DKB11-84,** is equipped with excellent production characteristics, such as excellent emergence, standability, seedling vigour, and no-till adaptability. This variety has excellent tolerance to sudden death syndrome and very good tolerance to white mould, brown stem rot, and phytophthora root rot (Rps3a). It also performs well across all soil types tested.

DKB14-65 has a 1.4 RM, excellent emergence and excellent seedling vigour. Along with it performing well across all soil types tested, this variety has excellent tolerance to white mould and sudden death syndrome.

The 2.2 RM variety, **DKB22-03**, has excellent standability and offers a strong disease package. It has excellent white mould and sudden death syndrome tolerance, as well as offers resistance to soybean cyst nematode (R3). This variety works across all soil types tested.

DKB25-57 is a new variety with a 2.5 RM and strong production characteristics. It offers excellent emergence, standability and seedling vigour and works across all soil types tested. This variety has excellent white mould tolerance, resistance to soybean cyst nematode (R3) and very good tolerance to sudden death syndrome.

* = Refer to the References page at the end of this guide for more information.

Planting recommendations

Selecting more tolerant varieties can be effective in managing white mould and maintaining yield potential. While no soybean varieties are completely resistant, DEKALB offers varieties with tolerance to white mould and high standability ratings. In fields with a history of white mould, avoid planting highly susceptible varieties, reduce populations and consider using Stratego® PRO fungicide.

	Row spacing (inches)				
	7.5	11	15	22	30
Planting rate (seeds/acre)	190,000	180,000	170,000	155,000	140,000
Planting rate (seeds/hectare)	469,300	444,600	419,900	382,850	345,800
Soybean bags per acre	1.4	1.3	1.2	1.1	1.0
Number of plants per foot of row	2.7	3.8	4.9	6.5	8.0
Number of plants per 10 feet of row	27	38	49	65	80
Area planted with one bag (acre)	0.7	0.8	0.8	0.9	1.0

STRATEGO® PRO

Protect the yield of your DEKALB seed selection by monitoring your field health imagery.

Determine which areas may be susceptible to disease based upon plant biomass using Field Health Imagery in FieldView, and apply Stratego® PRO fungicide at early flowering.

2021 Soybean Varieties

DKB0005-44 RR2X 000.5 RM 2175 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Branchy, medium height with excellent standability
// Excellent no-till fit and well-suited to all soil types tested
// Best placed in narrow rows

DKB0009-89 RR2X 000.9 RM 2275 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Bushy and branches well, medium height variety with excellent standability
// May shorten up on clay soils
// Good defensive disease package with very good field tolerance to phytophthora root rot (Rps1c & 1k) and excellent tolerance to white mould
// An excellent Roundup Ready 2 Xtend variety in early maturity zones

NEW

DKB002-32 RR2X 00.2 RM 2350 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Branchy, medium height variety with excellent standability
// Excels in moderate to high fertility environments and is a good fit for no-till
// Well adapted to all row widths and soil types tested
// Very good phytophthora root rot field tolerance (Rps1k)

DKB003-29 RR2X 00.3 RM 2375 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium-to-tall height, branchy variety
// Excellent tolerance to white mould
// Well suited to tough, low productivity growing conditions as well as high yield environments

DKB005-52 RR2X 00.5 RM 2425 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium-to-tall height with excellent standability
// Excellent agronomic package
// Excellent tolerance to white mould and phytophthora root rot (Rps1c)
// Well suited across all soil types and row widths tested

DKB006-29 RR2X 00.6 RM 2450 CHU

ROUNDUP READY 2 XTEND SOYBEANS

// Medium-to-tall height, very branchy variety with excellent standability
// Excellent tolerance to white mould
// Well suited to highly productive loam soils

2021 DEKALB Soybean Agronomic Ratings

VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
	VALUE-ADDED TRAIT	RELATIVE MATURITY*	CHU+	PLANT HEIGHT	PUBESCENCE	HILIUM COLOUR	AVG. SEED SIZE CATEGORY	STANDABILITY	EMERGENCE	SEEDLING VIGOUR	NO-TILL ADAPTABILITY	SOIL TYPE	7"	15"	30"	PHYTOPHTHORA ROOT ROT FIELD TOLERANCE*	PHYTOPHTHORA ROOT ROT RESISTANCE GENE*	WHITE MOULD TOLERANCE	BROWN STEM ROT	SUDDEN DEATH SYNDROME	SOYBEAN CYST NEMATODE*
DKB0005-44	RR2X	000.5	2175	M	T	BL	M	1	3	3	2	ALL	•	•	-	4	Rps1c	1	4	-	R3
DKB0009-89	RR2X	000.9	2275	M	T	BL	M	2	3	3	3	ALL	•	•	•	4	Rps1c & 1k	1	8	-	R3
NEW DKB002-32	RR2X	00.2	2350	M	L	BR	S	2	3	3	3	ALL	•	•	•	4	Rps1k	2	-	-	R3
DKB003-29	RR2X	00.3	2375	M-T	T	BL	M	3	2	3	2	ALL	•	•	•	5	-	2	4	-	R3
DKB005-52	RR2X	00.5	2425	M-T	LT	BL	S	2	3	3	3	ALL	•	•	•	2	Rps1c	2	5	-	R3
DKB006-29	RR2X	00.6	2450	M-T	T	BL	M	2	2	4	2	ALL	•	•	•	4	Rps1k	2	6	-	SUSC

Data compiled from Bayer conducted field trials.

LEGEND

Plant Height
S = Short
M = Medium
T = Tall

Pubescence
G = Grey
T = Tawny
LT = Light Tawny

Rating Scale
1-2 = Excellent
3-4 = Very Good
5-6 = Good to Average
7-8 = Fair to Poor
9 = Poor
- = Not Available

Value-Added Trait
RR2Y = Roundup Ready 2 Yield®
RR2X = Roundup Ready 2 Xtend®
SCN = Soybean Cyst Nematode

Hilium Colour
BR = Brown
BF = Buff
IB = Imperfect Black
BL = Black
GR = Grey
IY = Imperfect Yellow

Soil Type Recommendations
CL-C = Clay Loam, Clay
ALL = All Soil Types
SL-CL = Sandy Loam, Loam, Clay Loam

Seed Size Categories
L = <5500 seeds/kg
M = 5500-6500 seeds/kg
S = >6500 seeds/kg

Soybean Cyst Nematode Legend
Susc = Susceptible
R3 = Resistant to Race 3 SCN

+ CHU = Crop Heat Units
* = Refer to the References page at the end of this guide for more information.

2021 Soybean Varieties

25-10RY RR2Y 00.8 RM 2500 CHU

Roundup Ready 2 YIELD SOYBEANS

// Top end yield potential
// Consistent variety that performs well in a range of yield environments
// Excellent emergence, early seedling vigour and standability
// Tall, slender plant with excellent standability
// Performs well across all soil types and yield environments tested

DKB01-11 RR2X 0.1 RM 2575 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium-to-tall plant height with an excellent agronomic package
// Very good tolerance to white mould and field tolerance to phytophthora root rot (Rps1c)
// Well suited across all soil types and row widths tested
// Will be well suited to high fertility situations

NEW

DKB03-25 RR2X 0.3 RM 2625 CHU

ROUNDUP READY 2 XTEND SOYBEANS

// Medium height variety with excellent standability
// Excellent white mould tolerance
// This variety is adaptable to all row widths and tillage types tested, although populations should be reduced in high fertility environments

DKB04-41 RR2X 0.4 RM 2625 CHU

ROUNDUP READY 2 XTEND SOYBEANS

// Excellent standability
// Excellent white mould tolerance and field tolerance to phytophthora root rot (Rps1c)
// Medium height, branchy and best suited to narrow to medium row widths

26-10RY RR2Y 0.4 RM 2650 CHU

Roundup Ready 2 YIELD SOYBEANS

// Excellent yield potential with very good stress tolerance
// Very good tolerance to white mould
// Excellent standability

27-12RY RR2Y 0.6 RM 2700 CHU

Roundup Ready 2 YIELD SOYBEANS

// Solid agronomics with top end yield potential
// Excellent tolerance to white mould
// Excellent stress and disease tolerance
// Fine stemmed plant that branches well
// Good drought tolerance

NEW

DKB07-39 RR2X 0.7 RM 2725 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium-to-tall plant with very good emergence and seedling vigour
// This variety is suitable for all soil types and row widths tested and can excel in poorly drained clay soils
// May lean in high fertility environments and may have a shortened, spindly appearance in no-till soils

28-15RY RR2Y 1.0 RM 2800 CHU

Roundup Ready 2 YIELD SOYBEANS

// Excellent emergence and standability
// Excellent tolerance to white mould and field tolerance to phytophthora root rot (Rps1c)
// Well suited across all soil types and row widths tested
// Well suited to high yield environments at lower populations

2021 DEKALB Soybean Agronomic Ratings

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		VALUE-ADDED TRAIT	RELATIVE MATURITY*	CHU+	PLANT HEIGHT	PUBESCENCE	HILIUM COLOUR	AVG. SEED SIZE CATEGORY	STANDABILITY	EMERGENCE	SEEDLING VIGOUR	NO-TILL ADAPTABILITY	SOIL TYPE	7"	15"	30"	PHYTOPHTHORA ROOT ROT FIELD TOLERANCE*	PHYTOPHTHORA ROOT ROT RESISTANCE GENE*	WHITE MOULD TOLERANCE	BROWN STEM ROT	SUDDEN DEATH SYNDROME	SOYBEAN CYST NEMATODE*
	25-10RY	RR2Y	00.8	2500	T	T	BL	M	2	2	2	2	ALL	•	•	•	3	Rps1c	3	5	-	SUSC
	DKB01-11	RR2X	0.1	2575	M-T	T	BL	M	2	2	2	2	ALL	•	•	•	3	Rps1c	3	5	-	R3
NEW	DKB03-25	RR2X	0.3	2625	M	L	BR	L	2	3	3	2	ALL	•	•	•	4	Rps1c	2	-	-	SUSC
	DKB04-41	RR2X	0.4	2625	M	G	GR	M	1	3	2	3	SL-CL	•	•	-	2	Rps1c	2	2	-	SUSC
	26-10RY	RR2Y	0.4	2650	M	G	GR	M	1	3	2	3	SL-CL	•	•	-	5	-	3	4	-	SUSC
	27-12RY	RR2Y	0.6	2700	M-T	T	GR	L	2	3	2	3	ALL	•	•	•	3	Rps1c	2	3	-	SUSC
NEW	DKB07-39	RR2X	0.7	2725	M-T	L	BL	M	3	3	3	4	ALL	•	•	•	2	Rps1c + 3a	3	2	-	R3
	28-15RY	RR2Y	1.0	2800	M-T	T	BL	L	2	2	2	2	ALL	•	•	•	2	Rps1c	2	6	-	SUSC

Data compiled from Bayer conducted field trials.

LEGEND

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M = Medium
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Pubescence
G = Grey
T = Tawny
LT = Light Tawny

Rating Scale
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9 = Poor
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Value-Added Trait
RR2Y = Roundup Ready 2 Yield®
RR2X = Roundup Ready 2 Xtend®
SCN = Soybean Cyst Nematode

Hilium Colour
BR = Brown
BF = Buff
IB = Imperfect Black
BL = Black
GR = Grey
IY = Imperfect Yellow

Soil Type Recommendations
CL-C = Clay Loam, Clay
ALL = All Soil Types
SL-CL = Sandy Loam, Loam, Clay Loam

Seed Size Categories
L = <5500 seeds/kg
M = 5500-6500 seeds/kg
S = >6500 seeds/kg

Soybean Cyst Nematode Legend
Susc = Susceptible
R3 = Resistant to Race 3 SCN

+ CHU = Crop Heat Units
* = Refer to the References page at the end of this guide for more information.

2021 Soybean Varieties

DKB10-20 RR2X 1.0 RM 2800 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Medium-to-tall plant height with excellent standability
// Excellent white mould tolerance
// Excellent performance across all yield environments and soil types tested

DKB11-84 RR2X 1.1 RM 2825 CHU

NEW

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Medium-to-tall, branchy plant with excellent emergence, standability and seedling vigour
// Excellent sudden death syndrome tolerance
// Well suited to all row widths and soil types tested; highly adaptable and will excel in no-till situations
// Plant at lower populations in environments with high fertility

DKB12-16 RR2X 1.2 RM 2875 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Medium-to-tall plant height with intermediate branching
// Excellent emergence
// Well suited for no-till situations and best positioned on heavier soils

DKB14-65 RR2X 1.4 RM 2925 CHU

NEW

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Medium height variety with excellent emergence and seedling vigour
// Excellent sudden death syndrome and white mould tolerance
// Well suited to heavier soil types and narrow rows

DKB15-54 RR2X 1.5 RM 2950 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Tall, branchy plant
// Excellent emergence, early season vigour and standability
// Excellent tolerance to sudden death syndrome
// Very good white mould tolerance and phytophthora root rot (Rps1c)
// Performs well across all soil types tested

DKB20-14 RR2X 2.0 RM 3075 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Excellent seedling vigour and emergence
// Very good field tolerance to phytophthora root rot (Rps1c) and brown stem rot
// Suitable across all growing conditions tested including no-till clay situations

DKB21-11 RR2X 2.1 RM 3100 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Tall height, very branchy variety with very good standability
// Very good tolerance to white mould, phytophthora root rot (Rps1c) and brown stem rot
// Excellent tolerance to sudden death syndrome
// Best positioned on heavier soils

DKB22-03 RR2X 2.2 RM 3125 CHU

NEW

ROUNDUP READY 2 XTEND SOYBEANS · SCN

// Medium height variety with excellent standability
// Excellent white mould tolerance well suited for highly productive soils
// Well suited for all soil types tested but may shorten in height on clay soils

2021 DEKALB Soybean Agronomic Ratings

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		VALUE-ADDED TRAIT	RELATIVE MATURITY*	CHU+	PLANT HEIGHT	PUBESCENCE	HILIUM COLOUR	AVG. SEED SIZE CATEGORY	STANDABILITY	EMERGENCE	SEEDLING VIGOUR	NO-TILL ADAPTABILITY	SOIL TYPE	7"	15"	30"	PHYTOPHTHORA ROOT ROT FIELD TOLERANCE*	PHYTOPHTHORA ROOT ROT RESISTANCE GENE*	WHITE MOULD TOLERANCE	BROWN STEM ROT	SUDDEN DEATH SYNDROME	SOYBEAN CYST NEMATODE*
	DKB10-20	RR2X	1.0	2800	M-T	G	IB	M	2	3	3	2	ALL	•	•	•	5	Rps1c	2	5	-	R3
NEW	DKB11-84	RR2X	1.1	2825	M-T	L	BR	M	2	2	2	2	ALL	•	•	•	3	Rps3a	3	3	2	R3
	DKB12-16	RR2X	1.2	2875	M-T	LT	BL	M	3	2	3	2	CL-C	•	•	•	4	Rps1c-Segr.	3	5	2	R3
NEW	DKB14-65	RR2X	1.4	2925	M	L	BL	L	3	2	2	3	ALL	•	•	•	4	Rps1c & 3a	2	3	2	R3
	DKB15-54	RR2X	1.5	2950	T	LT	BL	L	2	2	2	2	ALL	•	•	•	4	Rps1c	3	3	2	R3
	DKB20-14	RR2X	2.0	3075	M-T	G	IB	M	3	2	2	2	ALL	•	•	•	3	Rps1c	4	3	4	R3
	DKB21-11	RR2X	2.1	3100	T	LT	BL	M	3	3	3	2	CL-C	•	•	•	3	Rps1c	4	3	2	R3
NEW	DKB22-03	RR2X	2.2	3125	M	G	IB	M	1	3	3	3	ALL	•	•	•	3	Rps1c	2	4	2	R3

Data compiled from Bayer conducted field trials.

LEGEND

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Pubescence
G = Grey
T = Tawny
LT = Light Tawny

Rating Scale
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3-4 = Very Good
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Value-Added Trait
RR2Y = Roundup Ready 2 Yield®
RR2X = Roundup Ready 2 Xtend®
SCN = Soybean Cyst Nematode

Hilium Colour
BR = Brown
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Soil Type Recommendations
CL-C = Clay Loam, Clay
ALL = All Soil Types
SL-CL = Sandy Loam, Loam, Clay Loam

Seed Size Categories
L = <5500 seeds/kg
M = 5500-6500 seeds/kg
S = >6500 seeds/kg

Soybean Cyst Nematode Legend
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R3 = Resistant to Race 3 SCN

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2021 Soybean Varieties

DKB22-31 RR2X 2.2 RM 3125 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium-to-tall height variety with very good standability
// Very good tolerance to sudden death syndrome and excellent tolerance to brown stem rot
// Best positioned on heavier soils

DKB24-97 RR2X 2.4 RM 3175 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium-to-tall variety with excellent standability
// Excellent emergence and very good seedling vigour
// Very good field tolerance to phytophthora root rot (Rps1c), charcoal rot and brown stem rot
// Suitable across all agronomic situations tested including no-till environments

NEW

DKB25-57 RR2X 2.5 RM 3200 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium height variety with excellent standability
// Excellent white mould tolerance, well suited for highly productive soils and both narrow and wide rows
// Performed well on all soil types tested but may shorten in height on clay soils

DKB28-81 RR2X 2.8 RM 3275 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Broad acre variety that will fit across all soil types and agronomic situations tested
// Excellent standability
// Very good field tolerance to phytophthora root rot (Rps1c), white mould and sudden death syndrome
// Excellent tolerance to brown stem rot

DKB29-42 RR2X 2.9 RM 3300 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium height and bushy plant with excellent standability
// Very good field tolerance to phytophthora root rot (Rps1c), white mould, sudden death syndrome and brown stem rot
// Well suited to loam soil types and highly productive soils

DKB33-54 RR2X 3.3 RM 3400 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

// Medium height variety, suitable across all soil types and yield environments tested
// Excellent field tolerance to phytophthora root rot (Rps1k & 3a)
// Excels in very tough growing conditions

SUCCESSFUL APPLICATION STARTS HERE

- Applying Roundup Xtend® with VaporGrip® Technology or XtendiMax® with VaporGrip® Technology herbicides? Go to **SprayForecast.ca**
- The Spray Forecast tool provides real-time, location-specific data on temperature, humidity, wind speed and inversion risk

2021 DEKALB Soybean Agronomic Ratings

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		VALUE-ADDED TRAIT	RELATIVE MATURITY*	CHU+	PLANT HEIGHT	PUBESCENCE	HILIUM COLOUR	AVG. SEED SIZE CATEGORY	STANDABILITY	EMERGENCE	SEEDLING VIGOUR	NO-TILL ADAPTABILITY	SOIL TYPE	7"	15"	30"	PHYTOPHTHORA ROOT ROT FIELD TOLERANCE*	PHYTOPHTHORA ROOT ROT RESISTANCE GENE*	WHITE MOULD TOLERANCE	BROWN STEM ROT	SUDDEN DEATH SYNDROME	SOYBEAN CYST NEMATODE*
	DKB22-31	RR2X	2.2	3125	M-T	LT	BL	M	3	2	3	3	CL-C	•	•	•	5	Rps1c	5	2	3	R3
	DKB24-97	RR2X	2.4	3175	M-T	G	IB	M	2	2	3	2	ALL	•	•	•	3	Rps1c	3	3	3	R3
NEW	DKB25-57	RR2X	2.5	3200	M	G	IB	L	2	2	3	2	ALL	•	•	•	3	Rps1c	2	4	3	R3
	DKB28-81	RR2X	2.8	3275	T	G	IB	M	2	3	3	2	ALL	•	•	•	3	Rps1c	3	2	4	R3
	DKB29-42	RR2X	2.9	3300	M	G	IB	M	1	2	4	2	ALL	•	•	•	3	Rps1c	3	4	3	R3
	DKB33-54	RR2X	3.3	3400	M	G	IB	M	2	2	2	2	ALL	•	•	•	2	Rps1k & 3a	3	2	3	R3

Data compiled from Bayer conducted field trials.

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THE SOYBEAN SYSTEM YOU CAN'T RESIST

The Roundup Ready® Xtend crop system combines the high yield potential of Roundup Ready 2 Xtend® soybeans with built-in tolerance to both glyphosate and dicamba chemistries.

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

EARLY SEASON CONTROL TO GET AHEAD OF THE WEEDS AND STAY THERE.

traits.bayer.ca »

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

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

BAYER

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your local crop protection dealer or call the technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Roundup Ready 2 Xtend®, Roundup Ready®, Roundup Xtend® and VaporGrip® are registered trademarks of Bayer Group. Used under license. ©2020 Bayer Group. All rights reserved.

ROUNDUP READY® XTEND CROP SYSTEM

ROUNDUP READY 2 XTEND SOYBEANS + Roundup XTEND With VaporGrip Technology

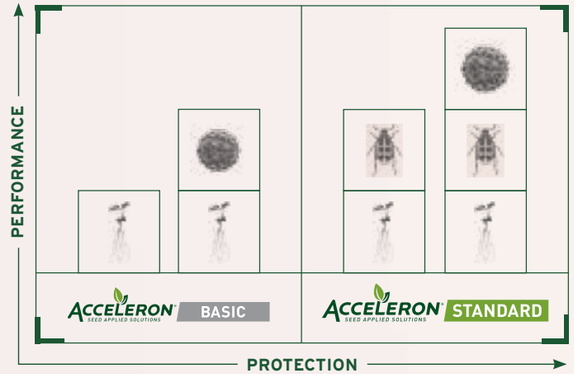
Dicamba and Glyphosate Pre-mix

SOYBEAN

RISE & SHINE

PROTECT YOUR SEEDS PERFORMANCE

ACCELERON® SEED APPLIED SOLUTIONS



Fungicides
Excellent control of labeled soil and seedborne disease including Rhizoctonia, Pythium, Fusarium, Phomopsis, and Phytophthora.

Insecticide
Protection from labeled early season pests such as bean leaf beetles, black cutworms, seedcorn maggot, and wireworm.

Bio-Enhancer
Nutrient and moisture deficiencies can impair root growth, making it even harder for plants to get the nutrients and moisture they need. Biological products support making nutrients available to plants, helping maximize yield potential. These products can also support enhancing functional root volume and increasing uptake, helping to protect plants from moisture or nutrient stress.

Acceleron® E-007 SAT is included in the product offerings as a finishing product that improves the seed flow through seed handling and planting equipment, while enhancing the seed coating and appearance of the treated seeds.

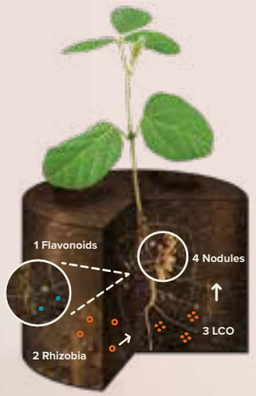
DEKALB

One easy decision delivers your seed with the coverage they need to rise and shine above whatever this year has in store.

Optimize® ST

For higher yield potential, order your DEKALB® brand soybean seed pre-treated with Optimize® ST inoculant.

The specially selected *Bradyrhizobium japonicum* inoculant and LCO (lipochitooligosaccharide) technology in Optimize ST help soybean crops by enhancing nutritional availability. Plants benefit from improved nodule formation, increased nitrogen fixation and enhanced nutrient availability to support root and shoot growth.



How it Works

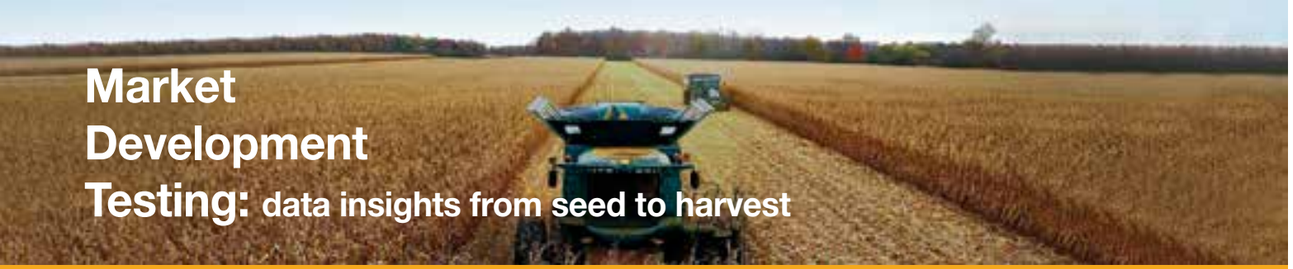
1. Needing nitrogen, the plant releases flavonoids to signal rhizobia.
2. Sensing the flavonoids, the rhizobia signal LCO back to the plant.
3. The plant can respond to the LCO, allowing the rhizobia to infect its roots.
4. This symbiotic relationship creates nodules, which can help fix atmospheric nitrogen.

Control (untreated) **Optimize (treated)**

For treatment options and availability, see your DEKALB retailer or visit **DEKALB.ca to find your local Bayer Representative.**

FOR SOYBEANS, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of registered products containing the active ingredients: **BASIC** is a combination of prothioconazole, penflufen and metalaxyl. **STANDARD plus** Fortenza® is a combination of prothioconazole, penflufen, metalaxyl and cyantraniliprole.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Acceleron®, BioRise™ and DEKALB and Design® are trademarks of Bayer Group. Used under license. Fortenza® is a registered trademark of a Syngenta group company. ©2020 Bayer Group. All rights reserved.



Market Development Testing: data insights from seed to harvest

At Bayer, our Market Development team is bringing data and insights to Canadian farmers through our extensive testing network to assure recommended corn hybrids and soybean varieties perform on your farm. These results are helping to drive tailored solutions. The data our team collects is contributing to hybrid recommendations through seed scripting and germplasm testing for proper product positioning for soil type, yield environment, crop rotation and background fertility. This, along with herbicide and fungicide testing, round out the full tailored solution.

Data generated in real farm conditions deliver results for our full portfolio of products including DEKALB corn hybrids and soybean varieties. In 2021, we've combined our genetics, our agronomic knowledge of our seed lineups with crop protection and the Climate FieldView platform to bring new and innovative solutions to our customers.

We're committed to gathering and sharing data with you.

Visit **DEKALB.ca** for local trial data to see how products perform near you.

Our expert agronomists use the data collected to help provide you with customized hybrid or variety recommendations to suit the needs of your farm.

If you are interested in learning more about an agronomic or customized DEKALB product recommendation on your farm, **contact your local Bayer Territory Sales Manager or find your local Bayer Agronomist by visiting DEKALB.ca.**

Record Keeping Made Easy

CLIMATE FIELDVIEW™

Store your data in one place with the Climate FieldView™ software platform

FieldView Seed Shed

Did you know that you can easily scan the bag tag for auto upload into FieldView?

Hybrids can be scanned or entered in the virtual Seed Shed at any time throughout the growing season. By entering hybrids into your Seed Shed in FieldView, you will be one step closer to having hybrid and variety specific yield information for data driven agronomic discussions.

Work with your agronomist to identify the best placement for each hybrid.

FieldView Application Shed

The Application Shed in FieldView is an easy-to-use tool to manage all of your applications throughout the season. The Application Shed is ideal for record keeping and mapping when you're in the field.

Simply input your products and rates to make crop plans and track tank mixes year over year.

FieldView Reporting

The Season Summary in FieldView provides an overview of every planting, application, tillage, and harvest activity performed in a field across the selected season. It provides quick access to field information with the ability to add missing activities and create printable PDF reports that can easily be shared with agronomic advisors.

NOTES

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References:

CORN

GR/IS
The hybrid/herbicide combination can result in plant height reduction, stand loss and suspected yield loss under very adverse environmental conditions, high rates or extreme soil pH levels or organic content.

Use of drop nozzle spraying for post-emergence herbicides or planting in warm soils for incorporated herbicides may avoid interactions. Consult your DEKALB® dealer for additional information.

[1] CORN RELATIVE MATURITY
Relative maturity (RM) can be used to compare product's maturity to existing products in the DEKALB lineup. The relative maturity of a hybrid is assessed by comparing the harvest maturity to established products with known RM ratings. Relative maturity assignments are based on four main components: Harvest moisture, Growing Degree Units (GDUs) to mid pollination (flowering), test weight, and plant health.

[2] TARGET POPULATION
Final plant population in thousands suggestions are based on medium to high yield environment. In fields with lower yield potential consider targeting slightly lower population. Adjust planting rate to suit individual field conditions.

[3] HERBICIDE SAFETY
Ratings are based on observations and permitted research using herbicides at and above labeled rates to simulate extreme environmental conditions, misapplication and adverse soil pH or organic content.

Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates.

SOYBEAN

PRR FIELD TOLERANCE
A rating of the plant survival and health for Phytophthora Root Rot

PRR RESISTANCE GENE
Rps1c denotes resistance to races
1, 2, 3, 6, 7, 8, 9, 10, 11, 13, 15, 17, 21, 23, 24, 26, 28, 29, 30, 32, 34, 36 and 38

Rps1k denotes resistance to races
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 21, 22, 23, 24, 26, 27, 36, 37 and 38

Rps3a denotes resistances to races
1, 2, 3, 4, 5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31, 32, 33, 34, 35 and 39

SOYBEAN CYST NEMATODE RESISTANCE
Susc = Susceptible
R1 = Resistant to Race 1 SCN
R3 = Resistant to Race 3 SCN
MR3 = Moderately resistant to Race 3

SOYBEAN RELATIVE MATURITY
Relative maturity (RM) can be used to compare product's maturity to existing products in the DEKALB lineup. The relative maturity of a variety is assessed by comparing the harvest maturity to established products with known RM ratings in their adapted geographies.

RESPECT THE REFUGE®

LIBERTY LINK®

Roundup Ready® 2 TECHNOLOGY

*Visit **DEKALB.ca** for local trial results and to find a Bayer Representative close to you.*

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