
BAYER
DEKALB
2024 Seed Guide

To all our DEKALB® seed customers,

Thank you for considering DEKALB seed. Generations of farmers have made DEKALB seed their first choice. In fact, the DEKALB name has been synonymous with trusted performance and innovation for over 110 years. We appreciate your support and we do our best to earn your business each and every year. We know we're only as good as our last bag of seed, which is why we never stop striving to develop seed to help your farm thrive. Come harvest time, we want you to feel proud of your choice and delighted with the outcome.

For 2024, we're expanding our lineup with 11 new grain corn hybrids, 4 new silage corn hybrids and 9 new soybean varieties so you have even more options for the unique conditions on your farm. Within this seed guide, you'll find everything you need to know about DEKALB seed and other Bayer products that can help you maximize your crop's output this season. We're also introducing a new naming system for our corn hybrids to make it easier for you to choose the right seed. As always, you can see which hybrids and varieties performed best in your local area at DEKALB.ca.

Thank you on behalf of everyone here at the Crop Science Division of Bayer. We wish you a safe and successful season.

Sincerely,

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

The DEKALB® seed lineup offers high-performing corn hybrids that meet the diverse agronomic needs and conditions on your farm. It's all about giving you our best, so you can do your best.

WHY CHOOSE DEKALB CORN

TRUSTED PERFORMANCE

DEKALB corn hybrids are locally tested to deliver the consistent performance and high yield potential you demand

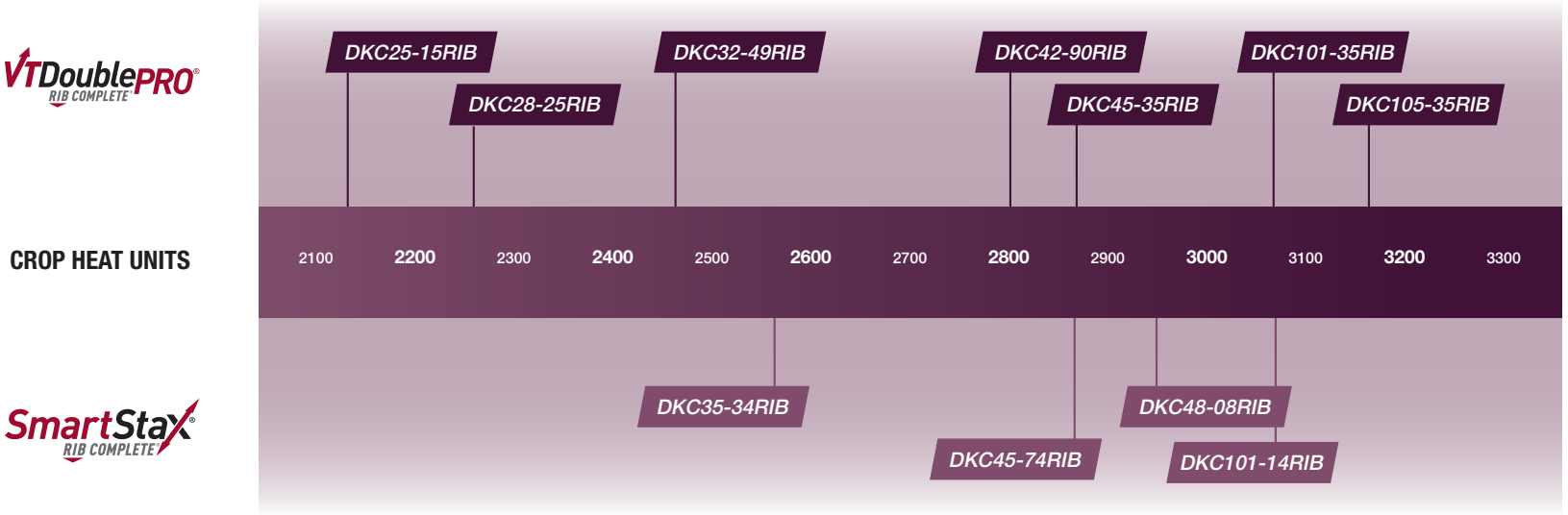
THE CHOICES YOU NEED

A full range of relative maturities with proven agronomics across a variety of conditions

THE WHOLE PACKAGE

Trust DEKALB seed for a full season of agronomic support, crop solutions and digital tools

WHAT'S NEW FOR 2024. We're introducing 11 new additions to the DEKALB® grain corn lineup. We want to make it easy for you to find the perfect hybrid for your operation.



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 black cutworm, corn earworm, corn rootworm, European corn borer and fall armyworm. The SmartStax trait includes Roundup Ready® 2 and LibertyLink® technologies for herbicide tolerance. Choose this trait for corn rootworm control.

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

VT Double PRO® RIB Complete® delivers two modes of action for above-ground stalk and ear protection from corn earworm, European corn borer 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.

Get premium performance with DEKALB. See local trial performance data at DEKALB.ca

SmartStax® PRO With RNAi TECHNOLOGY

GREATER ROOT NODE PROTECTION FROM CORN ROOTWORM*

SmartStax® PRO with RNAi Technology offers the strongest biotech defense* against corn rootworm pressure while still providing protection against above-ground pests and tolerance to glyphosate and glufosinate herbicide applications.

COMING SOON

TRAITS.BAYER.CA

*Source: 2021 & 2022 Eastern Canada Market Development, 9 locations: Tavistock ON (21, 22), St. Barbe QC (21, 22), St. Hugues QC (21, 22), Rodney ON (21, 22), Brussels ON (21). Treatment means are significantly different at P<0.05. Your results may vary according to agronomic, environmental and pest variables.

WE'RE CHANGING THE WAY WE NAME OUR HYBRIDS

Why are we changing? Quite simply, we're running out of numbers. And we want to make it simpler for you to understand our hybrid lineup.

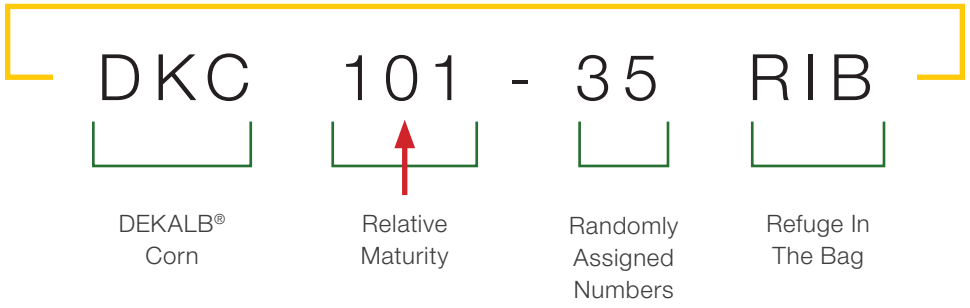
HERE'S WHAT YOU NEED TO KNOW:

- We will still have DKC in the front and RIB at the end
- The first set of numbers will be the actual relative maturity (RM), so you don't have to add 50 any longer
- The new name structure will apply only to new hybrids for 2024
- Current hybrids will not have their names changed. For example, DKC53-60RIB will stay the same.

EXAMPLE OF NEW NAMING SYSTEM:

DKC101-35RIB

Historically, this hybrid would have been named DKC51-35RIB. It's a 101 RM product and so now, the 101 is very clear.



2024 GRAIN CORN HYBRIDS

DKC20-23RIB
70 RM 2050 CHU

VT DoublePRO RIB COMPLETE

- Earliest hybrid in the DEKALB® lineup, designed to excel in ultra-early environments throughout Canada
- Excellent grain quality potential and late-season plant health
- Fast drydown and strong test weight

DKC21-36RIB
71 RM 2075 CHU

VT DoublePRO RIB COMPLETE | SILAGE READY

- Late flowering timing for maturity but dries down very quickly
- Excellent emergence, seedling vigour and root strength
- Excellent staygreen, drydown and test weight
- Very good drought tolerance
- Excellent protection against Northern corn leaf blight and common rust
- Plant to target 32-34,000 plants per acre on highly productive ground

DKC24-05
74 RM 2100 CHU

Roundup Ready 2 CORN

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

DKC24-06RIB
74 RM 2100 CHU

VT DoublePRO RIB COMPLETE | SILAGE READY

- 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

NEW

DKC25-15RIB
75 RM 2125 CHU

VT DoublePRO RIB COMPLETE

- Strong emergence and seedling vigour
- Very good drought tolerance
- Excellent yield potential
- Shorter plant height results in less residue post harvest

DKC26-40RIB
76 RM 2150 CHU

VT DoublePRO RIB COMPLETE | SILAGE READY

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

2024 DEKALB GRAIN CORN AGRONOMIC CHART

HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE							SILAGE RATINGS
	TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
DKC20-23RIB	VT2P	70	2050	AV	F	34-36	3	2	3	3	3	M	3	2	2	4	-	5	5	3	AA	3	-	
DKC21-36RIB	VT2P	71	2075	LA	SF	32-34	2	2	2	3	3	M	2	2	2	3	✔	2	5	2	AA	6	-	SILAGE READY
DKC24-05	RR2	74	2100	LA	F	34-36	3	3	3	2	3	M-T	3	2	2	4	✔	5	5	2	AA	5	-	
DKC24-06RIB	VT2P	74	2100	LA	F	34-36	3	3	3	2	3	M-T	3	3	2	3	✔	5	5	2	AA	5	-	SILAGE READY
NEW **DKC25-15RIB**	VT2P	75	2125	AVG	SF*	34-36	2	2	3	3	2	S-M	4	4	3	4	✔	5	4	3	AA	5	-	
DKC26-40RIB	VT2P	76	2150	LA	SF	36-38	2	2	3	2	2	M-T	2	2	1	2	✔	4	5	3	AA	5	-	SILAGE READY

Data compiled from Bayer conducted field trials.
*Denotes a limited data set

LEGEND

EAR TYPE
F = Fixed **SF** = Semi-fixed
SFL = Semi-flex **FL** = Flex

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

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
– = Not Available

HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, 2,4-D)

SU = Adverse effects from sulfonylurea herbicides (Option®)

✔ = Either no adverse effects from hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions.

The RIB designation refers to a RIB Complete® product

1, 2, 3, 4 = Refer to the References page at the end of this guide for more information

2024 GRAIN CORN HYBRIDS

NEW

DKC28-25RIB
78 RM 2250 CHU

VT DoublePRO RIB COMPLETE

- Very good agronomic package with solid root and stalk strength
- Good heat and drought tolerance
- Fast grain drydown
- Good intactness and harvest appearance
- Strong disease protection against Northern corn leaf blight and anthracnose stalk rot

DKC29-89RIB
79 RM 2275 CHU

VT DoublePRO RIB COMPLETE

- Late flowering timing for maturity but dries down very quickly
- Excellent harvest appearance
- Excellent drought tolerance
- Excellent root and stalk strength

DKC30-63RIB
80 RM 2325 CHU

VT DoublePRO RIB COMPLETE

- Excellent early-season vigour and emergence
- Great stalk strength with strong grain test weight and fast drydown
- Trends to the earlier side of an 80-day RM product

DKC33-78RIB
83 RM 2400 CHU

VT DoublePRO RIB COMPLETE

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

DKC31-85RIB
81 RM 2425 CHU

VT DoublePRO RIB COMPLETE SILAGE READY

- Excellent staygreen
- Very good emergence
- Very good root and stalk strength
- Very good drought tolerance
- Very good drydown and harvest appearance
- Above average rating on gibberella ear rot
- Plant to target 36-38,000 plants per acre on highly productive ground

NEW

DKC32-49RIB
82 RM 2450 CHU

VT DoublePRO RIB COMPLETE

- Very good test weight
- Medium statured plant with strong stalks
- Excellent late-season harvest appearance
- Excellent yield response potential on highly productive soils

2024 DEKALB GRAIN CORN AGRONOMIC CHART

	HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
		TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
NEW	**DKC28-25RIB**	VT2P	78	2250	AVG	SF*	34-36	3	2	3	3	2	M	3	2	3	2	✔	4	6	3	AA	2	-	
	DKC29-89RIB	VT2P	79	2275	LATE	SF	34-36	3	3	2	2	2	M-T	2	3	4	2	✔	3	6	3	A	5	-	
	DKC30-63RIB	VT2P	80	2325	AVG	SF	34-36	2	2	3	2	3	M	4	3	2	3	✔	4	4	4	A	6	-	
	DKC33-78RIB	VT2P	83	2400	EARL	SFL	34-36	2	3	2	2	4	M	4	1	2	3	✔	2	5	3	A	5	-	
	DKC31-85RIB	VT2P	81	2425	AVG	SF	36-38	3	3	3	3	3	M-T	2	3	5	3	✔	4	5	3	AA	4	-	SILAGE READY
NEW	**DKC32-49RIB**	VT2P	82	2450	AVG	F*	36-38	3	3	2	3	3	M	3	3	3	2	✔	2	6	3	A	2	-	

Data compiled from Bayer conducted field trials.
*Denotes a limited data set

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9 = Poor
– = Not Available

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
– = Not Available

HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, 2,4-D)

SU = Adverse effects from sulfonylurea herbicides (Option®)

✔ = Either no adverse effects from hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions.

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2024 GRAIN CORN HYBRIDS

DKC33-37RIB
83 RM 2500 CHU

VT DoublePRO 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
84 RM 2575 CHU

VT DoublePRO RIB COMPLETE, SILAGE READY

- High yield potential
- Strong performance across all yield environments tested
- Flowering and drydown on target for maturity
- Tall plant type; great dual-purpose hybrid
- Performs best on loamy soils

DKC35-29RIB
85 RM 2575 CHU

VT DoublePRO RIB COMPLETE

- Excellent disease package with improved stalk strength and great late-season plant health
- Excellent staygreen
- Stable product in all yield environments tested with strong test weight potential

NEW

DKC35-34RIB
85 RM 2575 CHU

SmartStax RIB COMPLETE

- Excellent below ground insect protection in corn-on-corn situations
- Very good roots and excellent late-season stalk strength
- Strong disease protection against Northern corn leaf blight and anthracnose stalk rot
- Emergence is best when planted into warm, fit soil conditions

DKC36-48RIB
86 RM 2600 CHU

VT DoublePRO RIB COMPLETE, SILAGE READY

- Strong early-season vigour and emergence
- Excellent drought tolerance
- Excellent top end yield potential
- Tall hybrid with good ear flex
- Ideal for grain or for silage

DKC37-73RIB
87 RM 2650 CHU

SmartStax RIB COMPLETE

- Excellent emergence and seedling vigour
- Excellent staygreen
- Very good drought tolerance
- Very good drydown, test weight and harvest appearance
- Plant to target 34-36,000 plants per acre on highly productive ground

2024 DEKALB GRAIN CORN AGRONOMIC CHART

HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
	TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
DKC33-37RIB	VT2P	83	2500	AVG	SF	34-36	3	3	3	3	2	M-T	3	3	3	3	✔	5	5	3	AA	5	-	
DKC34-57RIB	VT2P	84	2575	AVG	SF	36-38	2	2	3	4	2	T	3	4	3	2	✔	5	5	4	BA	5	-	SILAGE READY
DKC35-29RIB	VT2P	85	2575	AVG	SF	34-36	3	3	3	3	3	M	2	3	3	4	✔	4	6	3	AA	6	-	
NEW **DKC35-34RIB**	SS	85	2575	AVG	F*	36-38	4	3	2	2	2	M	3	3	3	3	✔	3	6	3	A	2	-	
DKC36-48RIB	VT2P	86	2600	AVG	FL	32-34	3	2	2	4	2	T	3	3	3	3	SU	4	6	4	A	4	-	SILAGE READY
DKC37-73RIB	SS	87	2650	LATE	SF	34-36	2	2	4	4	3	M-T	2	3	3	3	✔	3	5	3	AA	5	-	

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*Denotes a limited data set

LEGEND

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

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
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HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, 2,4-D)

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2024 GRAIN CORN HYBRIDS

DKC38-55RIB
88 RM 2650 CHU

VT DoublePRO 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

DKC39-97RIB
89 RM 2700 CHU

SmartStax RIB COMPLETE®

- Excellent early-season growth and vigour for early planting
- Excellent drydown and solid agronomics
- Excellent stalks and roots; girthy ear and very good late-season plant health
- Excellent drought tolerance
- Performs well across all soil types and yield environments tested
- Plant at higher populations to maximize yield potential

DKC39-54RIB
89 RM 2725 CHU

SmartStax RIB COMPLETE® SILAGE READY™

- Strong early-season vigour and emergence
- Stable hybrid in all soil types and yield environments tested
- Excellent stalk strength and test weight

DKC39-55RIB
89 RM 2725 CHU

VT DoublePRO RIB COMPLETE™ SILAGE READY™

- Excellent emergence and seedling vigour
- Excellent drydown and test weight
- Very good stalk and root strength
- Ideal for grain or for silage
- Plant to target 36-38,000 plants per acre on highly productive ground

DKC40-95RIB
90 RM 2725 CHU

SmartStax RIB COMPLETE®

- Stable hybrid with excellent test weight and drought tolerance
- Potential to excel at higher planting populations
- Excellent late-season plant health and stalk strength

DKC40-99RIB
90 RM 2725 CHU

Trecepta® RIB COMPLETE

- Stable hybrid with excellent test weight and drought tolerance
- Potential to excel at higher planting populations
- Excellent late-season plant health and stalk strength
- A shorter stature hybrid with Trecepta® RIB Complete® for Western bean cutworm control

2024 DEKALB GRAIN CORN AGRONOMIC CHART

HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
	TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
DKC38-55RIB	VT2P	88	2650	EARLY	SF	32-34	2	3	2	4	2	M-T	3	2	3	4	✔	4	4	3	AA	5	-	SILAGE READY
DKC39-97RIB	SS	89	2700	EARLY	F	36-38	2	2	2	2	2	M	3	2	3	3	✔	4	4	3	AA	5	-	
DKC39-54RIB	SS	89	2725	AVG	SFL	34-36	2	2	3	2	2	M	4	3	2	4	✔	4	6	3	A	5	-	SILAGE READY
DKC39-55RIB	VT2P	89	2725	EARLY	SFL	34-36	2	2	2	2	3	M	4	2	2	4	✔	3	6	3	A	5	-	SILAGE READY
DKC40-95RIB	SS	90	2725	EARLY	SF	36-38	2	3	2	2	3	S-M	2	3	3	3	✔	4	5	4	A	3	-	
DKC40-99RIB	TRE	90	2725	EARLY	SF	36-38	2	3	2	2	3	S-M	2	2	3	3	✔	3	6	4	A	3	-	

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TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
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GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, 2,4-D)

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2024 GRAIN CORN HYBRIDS

DKC42-04RIB
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
- Very good drydown
- An ideal choice for corn-on-corn areas

DKC42-05RIB
92 RM 2800 CHU

VTDoublePRO® RIB COMPLETE™ SILAGE READY™

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

NEW

DKC42-90RIB
92 RM 2800 CHU

VTDoublePRO® RIB COMPLETE™ DELARO® Complete

- Excellent top end yield potential
- Excellent late-season stalks
- Very good test weight
- Excellent drydown
- Very good drought tolerance
- An application of Delaro® Complete fungicide is recommended if conditions are conducive to tar spot development

DKC44-80RIB
94 RM 2850 CHU

VTDoublePRO® 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

NEW

DKC45-35RIB
95 RM 2875 CHU

VTDoublePRO® RIB COMPLETE™

- Excellent seedling vigour and emergence for early planting
- Medium planting populations recommended; consider increasing populations when coupled with high management
- Strong late-season plant health
- Strong test weight

2024 DEKALB GRAIN CORN AGRONOMIC CHART

	HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
		TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
	DKC42-04RIB	SS	92	2800	AV	SFL	32-34	3	2	3	4	2	T	3	2	3	3	✔	4	5	3	AA	5	A	SILAGE READY
	DKC42-05RIB	VT2P	92	2800	AV	SFL	32-34	3	2	3	4	2	T	2	2	3	3	✔	4	5	3	AA	5	A	SILAGE READY
NEW	**DKC42-90RIB**	VT2P	92	2800	AVG	SF*	34-36	3	3	3	2	3	M	3	2	2	3	✔	4	5	3	A	2	BA	
	DKC44-80RIB	VT2P	94	2850	EARL	FL	32-34	2	2	3	5	3	T	3	2	4	3	✔	5	5	3	AA	2	A	SILAGE READY
NEW	**DKC45-35RIB**	VT2P	95	2875	AVG	SF*	34-36	2	2	2	4	3	M-T	3	3	3	2	✔	5	5	3	A	2	A	

Data compiled from Bayer conducted field trials.
*Denotes a limited data set

LEGEND

EAR TYPE
F = Fixed **SF** = Semi-fixed
SFL = Semi-flex **FL** = Flex

PLANT HEIGHT
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RATING SCALE
1-2 = Excellent
3-4 = Very Good
5-6 = Good to Average
7-8 = Fair to Poor
9 = Poor
– = Not Available

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
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HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, 2,4-D)

SU = Adverse effects from sulfonylurea herbicides (Option®)

✔ = Either no adverse effects from hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions.

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2024 GRAIN CORN HYBRIDS

NEW

DKC45-74RIB
95 RM 2875 CHU

SmartStax RIB COMPLETE | SILAGE READY | DELARO Complete

- Excellent seedling vigour and emergence for early planting
- Excellent staygreen and late-season harvest appearance
- Very strong test weight
- Performs best on clay and loam soil types
- Ideal for grain or for silage
- An application of Delaro® Complete fungicide is recommended if conditions are conducive to tar spot development

DKC46-40RIB
96 RM 2875 CHU

VTDoublePRO RIB COMPLETE | SILAGE READY

- Early flowering hybrid
- Excellent seedling vigour
- Very good root and stalk strength
- Excellent drydown and test weight with very good harvest appearance
- Plant to target 34-36,000 plants per acre on highly productive ground

DKC46-50RIB
96 RM 2900 CHU

SmartStax RIB COMPLETE

- Strong seedling vigour and emergence
- Excellent drydown and test weight
- Excellent stalk strength with top end yield potential

NEW

DKC48-08RIB
98 RM 2950 CHU

SmartStax RIB COMPLETE

- Excellent yield potential and grain quality potential
- Excellent stalk strength
- Very strong test weight
- Excellent late-season harvest appearance

DKC48-56RIB
98 RM 2950 CHU

SmartStax RIB COMPLETE | SILAGE READY | DELARO Complete

- Strong, stable performing hybrid
- Top end yield potential
- Clean grain with excellent test weight
- Performs best on productive soils
- Excellent choice for corn-on-corn or rotated ground
- An application of Delaro Complete fungicide is recommended if conditions are conducive to tar spot development

DKC48-70RIB
98 RM 2950 CHU

Trecepta RIB COMPLETE | DELARO Complete

- Excellent seedling vigour
- Excellent staygreen
- Excellent drydown and harvest appearance
- Plant to target 32-34,000 plants per acre on highly productive ground
- An application of Delaro Complete fungicide is recommended if conditions are conducive to tar spot development

2024 DEKALB GRAIN CORN AGRONOMIC CHART

	HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
		TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
NEW	DKC45-74RIB	SS	95	2875	AVG	SF*	34-36	2	2	3	3	3	M-T	2	3	3	2	✔	5	6	3	A	2	BA	SILAGE READY
	DKC46-40RIB	VT2P	96	2875	EARL	SFL	34-36	3	2	2	3	3	T	3	2	3	3	✔	5	6	3	A	3	A	SILAGE READY
	DKC46-50RIB	SS	96	2900	AV	FL	34-36	3	2	2	2	3	M-T	4	2	2	3	✔	3	5	3	A	3	A	
NEW	DKC48-08RIB	SS	98	2950	AVG	FL*	32-34	2	3	3	3	2	M	3	3	2	2	✔	5	5	3	AA	2	A	
	DKC48-56RIB	SS	98	2950	EARL	SF	36-38	3	3	3	2	3	M-T	2	3	2	2	GR	4	4	4	AA	6	BA	SILAGE READY
	DKC48-70RIB	TRE	98	2950	EARL	SFL	32-34	3	3	2	4	3	M	2	2	3	2	✔	5	6	3	BA	4	BA	

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GR = Adverse effects from Growth Regulator Herbicides (Engenia®, Marksman®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, 2,4-D)

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2024 GRAIN CORN HYBRIDS

New naming system begins here

DKC49-09RIB
99 RM 2975 CHU

VT DoublePRO 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-to-high populations for best results

DKC50-30RIB
100 RM 3050 CHU

SmartStax® RIB COMPLETE | DELARO® Complete

- Strong seedling vigour and emergence for early planting
- Consistent performance across all soil types tested and solid test weight
- Improved stalk strength and staygreen compared to other DEKALB® hybrids in this RM range
- An application of Delaro® Complete fungicide is recommended if conditions are conducive to tar spot development

NEW

DKC101-14RIB
101 RM 3075 CHU

SmartStax® RIB COMPLETE

- Very good seedling vigour and emergence
- Very good stalk strength
- Clean grain with very strong test weight

NEW

DKC101-35RIB
101 RM 3075 CHU

VT DoublePRO® RIB COMPLETE™ | DELARO® Complete

- Excellent top end yield potential
- Shorter plant stature with good agronomics and late-season staygreen
- Good stalk strength
- An application of Delaro Complete fungicide is recommended if conditions are conducive to tar spot development

DKC52-52RIB
102 RM 3100 CHU

SmartStax® RIB COMPLETE | SILAGE READY™

- Excellent seedling vigour with top end yield potential
- Superior late-season plant health and staygreen
- Strong stalk strength

DKC52-84RIB
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
- Potential to perform best at higher populations
- Performs best when planted into warm, fit soil conditions

2024 DEKALB GRAIN CORN AGRONOMIC CHART

	HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
		TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
	DKC49-09RIB	VT2P	99	2975	EARL	FL	32-34	2	2	3	3	2	T	2	2	2	3	✔	5	5	3	AA	1	A	SILAGE READY
	DKC50-30RIB	SS	100	3050	LATE	FL	32-34	2	2	2	2	3	M	2	2	3	2	✔	5	5	3	AA	3	BA	
NEW	DKC101-14RIB	SS	101	3075	AVG	FL*	32-34	2	2	3	2	4	M	3	3	3	3	✔	5	6	3	A	2	A	
NEW	DKC101-35RIB	VT2P	101	3075	LATE	SF*	34-36	3	3	3	3	2	S-M	3	3	5	3	✔	4	5	3	BA	3	BA	
	DKC52-52RIB	SS	102	3100	AVG	SFL	34-36	2	2	4	3	3	S-M	2	3	4	3	✔	4	5	3	BA	4	A	SILAGE READY
	DKC52-84RIB	SS	102	3100	EARL	SF	36-38	5	5	2	1	2	M	3	2	4	3	✔	3	6	3	AA	5	A	

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2024 GRAIN CORN HYBRIDS

DKC53-60RIB
103 RM 3125 CHU

Trecepta RIB COMPLETE

- Trecepta® RIB Complete® for Western bean cutworm control
- Short stature plant with top end yield potential
- Very quick drydown

DKC53-87RIB
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

DKC54-77RIB
104 RM 3150 CHU

VT DoublePRO RIB COMPLETE | SILAGE READY

- Excellent emergence
- Excellent seedling vigour and root strength
- Performs well at harvest with excellent drydown and test weight
- Strong silage potential

NEW

DKC105-35RIB
105 RM 3175 CHU

VT DoublePRO RIB COMPLETE

- Excellent top end yield potential
- Excellent seedling vigour and emergence
- Very good stalk strength
- Excellent late-season plant health and harvest appearance

DKC56-15RIB
106 RM 3175 CHU

Trecepta RIB COMPLETE | SILAGE READY

- Trecepta RIB Complete for Western bean cutworm control
- Excellent emergence and seedling vigour
- Tall plant with excellent staygreen and late-season plant health
- Excellent drydown and harvest appearance
- Plant to target 34-36,000 plants per acre on highly productive ground

DKC56-65RIB
106 RM 3200 CHU

SmartStax RIB COMPLETE | SILAGE READY

- Excellent emergence and seedling vigour
- Excellent stalk strength
- Excellent staygreen and very good harvest appearance
- Plant to target 36-38,000 plants per acre on highly productive ground

2024 DEKALB GRAIN CORN AGRONOMIC CHART

HYBRID	PLANTING							GROWTH						HARVEST			HERBICIDE & DISEASE								SILAGE RATINGS
	TRAIT	RELATIVE MATURITY[1]	CHU	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	TARGET POPULATION[3]	EMERGENCE	SEEDLING VIGOUR	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	PLANT HEIGHT	STAYGREEN	DRYDOWN	TEST WEIGHT	HARVEST APPEARANCE	HERBICIDE SAFETY[4]	NORTHERN CORN LEAF BLIGHT	GRAY LEAF SPOT	COMMON RUST	GIBBERELLA EAR ROT	ANTHRACNOSE STALK ROT	TAR SPOT	SILAGE READY
DKC53-60RIB	TRE	103	3125	AVG	FL	32-34	2	2	2	4	3	S-M	3	2	3	4	✔	5	4	3	A	4	AA	
DKC53-87RIB	SS	103	3125	LATE	SF	36-38	4	4	4	5	4	M	5	3	2	4	✔	4	5	3	A	4	A	
DKC54-77RIB	VT2P	104	3150	EARL	SFL	34-36	1	1	2	4	4	M	4	2	2	5	✔	4	4	3	A	3	A	SILAGE READY
NEW **DKC105-35RIB**	VT2P	105	3175	AVG	SFL*	34-36	2	2	4	3	3	M-T	2	3	4	2	✔	4	5	3	BA	2	A	
DKC56-15RIB	TRE	106	3175	AVG	FL	32-34	2	2	3	3	3	T	2	2	4	2	✔	3	4	3	BA	4	AA	SILAGE READY
DKC56-65RIB	SS	106	3200	AVG	SF	36-38	2	3	3	2	4	S-M	2	4	4	3	✔	3	4	3	A	3	A	SILAGE READY

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2024 GRAIN CORN HYBRIDS

DKC58-64RIB

108 RM 3250 CHU

SmartStax RIB COMPLETE™ SILAGE READY™

- Target mid-range populations for best performance with a semi-flex ear type
- Keep management high to maximize product performance
- Excellent drydown

DKC59-82RIB

109 RM 3275 CHU

VT DoublePRO® RIB COMPLETE™ SILAGE READY™

- Has shown very consistent ear development even under stress
- Push plant populations to maximize yield potential
- Has shown stability across all soil types tested

2024 DEKALB GRAIN CORN AGRONOMIC CHART

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DKC58-64RIB	SS	108	3250	AVG	SFL	34-36	3	2	3	3	3	M	3	2	3	3	✔	3	5	3	A	4	A	SILAGE READY
DKC59-82RIB	VT2P	109	3275	AVG	F	36-38	3	2	3	3	2	M	3	3	4	3	✔	4	4	3	AA	5	A	SILAGE READY

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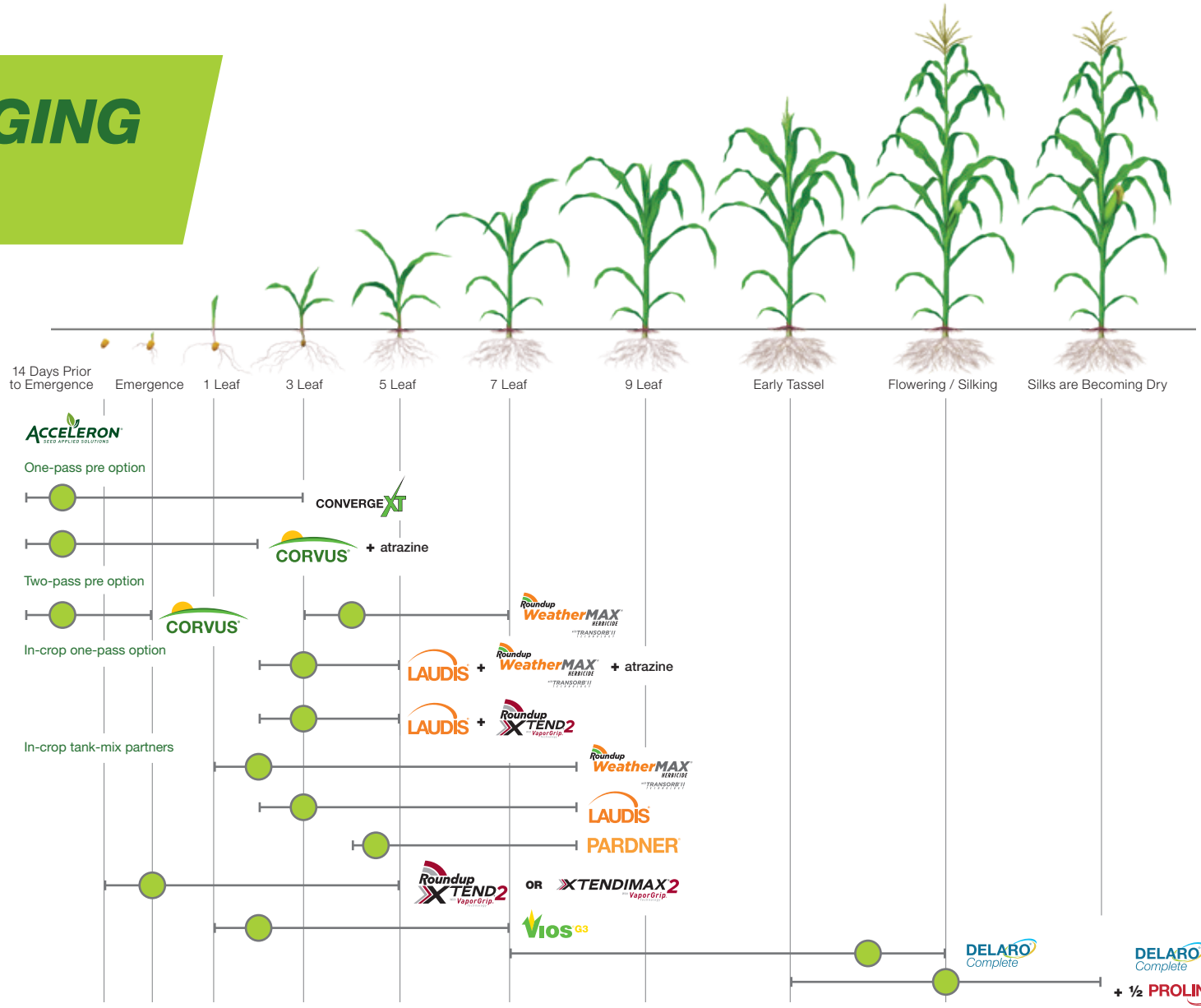
CROP STAGING GUIDE



Note: Please consult the individual product labels to ensure that your specific pest is controlled/ suppressed in the appropriate crop.

CORVUS HERBICIDE PROVIDES OUTSTANDING BROAD SPECTRUM WEED CONTROL IN CORN

Corvus® herbicide provides outstanding control of a broad spectrum of tough broadleaf and grass weeds in field and seed corn.

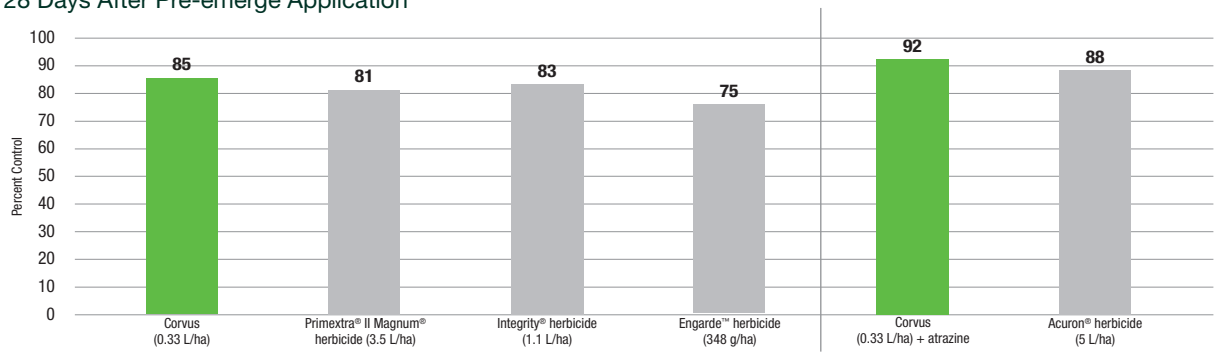
CORVUS®

WITH CORVUS YOU GET:

- Three levels of control of a broad spectrum of broadleaf and grass weeds:
  - Rapid burndown for emerged weeds
  - Residual control to prevent newly emerging weeds
  - Reactivation with rain for prolonged weed control
- Flexibility in application timing – can be applied pre-emerge, pre-plant incorporated or early post-emerge (up to 2 leaf)
- Excellent tank-mixing options for additional modes of action against glyphosate-resistant weeds

Weed Control – Corvus Performs

28 Days After Pre-emerge Application



Source: 2021 & 2022 Eastern Canada Market Development trials (16 locations). A total of 65 weed hits, 43 broadleaves and 22 grasses. Predominate species being lamb's-quarters (16), redroot pigweed (8) and yellow foxtail (4). Treatment means are significantly different at P≤0.05. Your results may vary according to agronomic, environmental and pest pressure variables.

LAUDIS HERBICIDE OFFERS THE BROADLEAF WEED CONTROL YOU NEED WITH EXCEPTIONAL CROP SAFETY

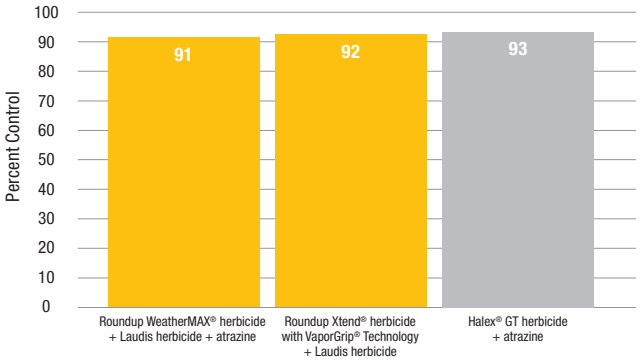
For fast acting and powerful control of tough broadleaf weeds such as Canada fleabane, giant ragweed and waterhemp, choose Laudis® herbicide.

LAUDIS®

WITH LAUDIS YOU GET:

- Fast acting post emergence broadleaf weed control, including tough weeds like Canada fleabane, giant ragweed and waterhemp
- Built-in safener for exceptional crop safety on field corn and sweet corn
- Favourable rotation intervals for soybeans, potatoes, spring wheat and winter wheat
- Excellent resistance management tool and tank-mix partner with Pardner® herbicide and Roundup® herbicide brands

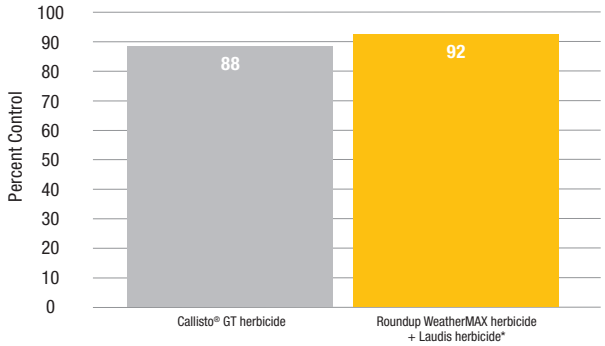
LAUDIS EFFICACY: ALL WEEDS TESTED



Three Year Summary: 28-35 Days after Application

Source: 2020-2022 Eastern Canada Market Development (24 locations). A total of 97 weed hits. Predominate species being lamb's-quarters (22), redroot pigweed (14) and yellow foxtail (9). Treatment means are significantly different at P≤0.05. Your results may vary according to agronomic, environmental and pest pressure variables.

LAUDIS EFFICACY: ALL WEEDS TESTED



Two Year Summary: 28-35 Days after Application

Source: 2021-2022 Eastern Canada Market Development (17 locations). A total of 66 weed hits. Predominate species being lamb's-quarters (16), redroot pigweed (10) and yellow foxtail (7). Treatment means are significantly different at P≤0.05. Your results may vary according to agronomic, environmental and pest pressure variables.
* Recommended adjuvants also included.

DELARO COMPLETE OUT TOUGHS THE TOUGHEST CORN AND SOYBEAN DISEASES

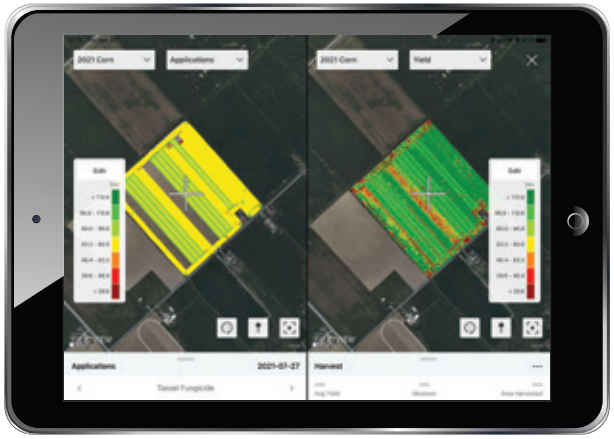
Triple-action Delaro® Complete fungicide adds an additional mode of action for even better protection against major corn and soybean diseases including control of tar spot and protection against white mould.

DELARO® Complete

WITH DELARO COMPLETE YOU GET:

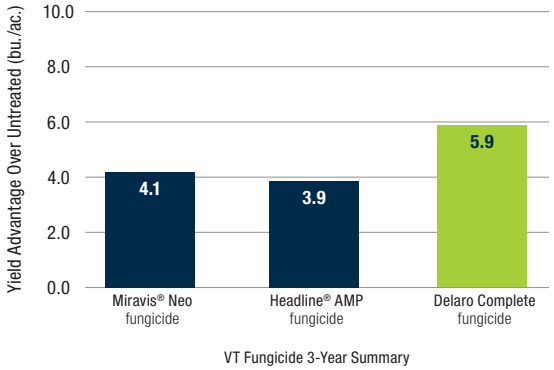
- Three modes of action (prothioconazole (Group 3) + trifloxystrobin (Group 11) + fluopyram (Group 7)) for excellent protection in high disease pressure situations
- Excellent control of yield-robbing diseases such as tar spot, common rust, eye spot and Northern corn leaf blight
- For leaf disease control and DON management, apply Delaro Complete at R1 (silking) with a ½ rate of Proline® fungicide

DID YOU KNOW? Tar spot can sometimes be mistaken for insect frass or other diseases. To test for tar spot, wet the leaf then rub with your fingers. Tar spot cannot be scraped off the leaf surface.



Yield performance in corn field after application of Delaro Complete.

CORN FUNGICIDE TRIALS: YIELD RESULTS FROM VT APPLICATION



Source: 25 Bayer Market Development Trials (2019-2021).
Your results may vary depending on agronomic, environmental and pest pressure variables.

DATA DRIVEN SEED PRESCRIPTIONS

Scripting your DEKALB® corn hybrids lets you accurately identify management zones and generate hybrid and field-specific plans to help meet your yield or profitability goals. Use the FieldView™ Seed Scripts tool to create corn seeding rate prescriptions tailored to your individual needs – or upload your own seed scripts into FieldView.

The Seed Scripts tool combines satellite imagery, historical field data and proprietary Market Development trial results. These trials are located across Canada to generate local results that are relevant to your fields, hybrids and crop inputs.

Check out the benefits of using FieldView Seed Scripts with your DEKALB hybrids:

- Takes less than six minutes, on average, to create a prescription
- Repeatable seeding zones created in seconds, using your historical yield or Field Health Imagery
- Gives you science-driven seeding rates
- Easily collaborate with your agronomist or dealer on seeding prescriptions
- Fully customizable recommendations

TRACK YOUR SEED FROM PLANTING TO HARVEST

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 a corn hybrid and how FieldView can be used throughout the season to assess field performance:

Custom seed population prescription created for a corn hybrid in FieldView Seed Scripts

Scouting: Monitor crop progress with Field Health Imagery

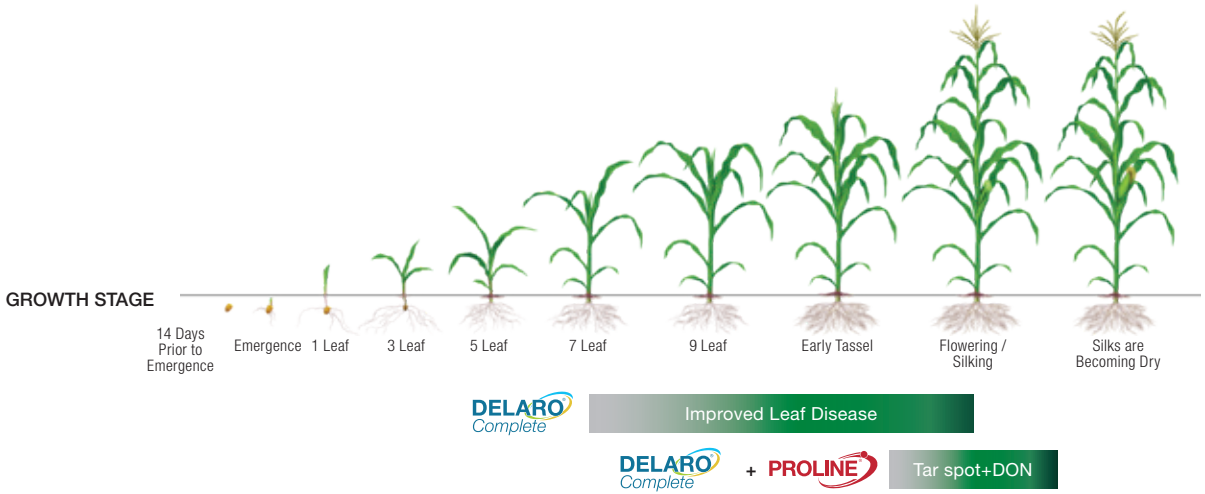
Harvest: View and assess the yield by specific population zone

RECOMMENDATIONS FOR CONTROLLING GIBBERELLA EAR ROT AND A WIDE RANGE OF LEAF DISEASES INCLUDE:

PROLINE®

DELARO® Complete

- Planting multiple hybrids on your farm
- To get the most out of your fungicide application, it is imperative to understand your field-level weather conditions for each season
- Use the FieldView™ weather feature to see historical, daily and season-to-date precipitation amounts to identify which fields to scout for disease development
- Applying Proline® fungicide and Delaro® Complete fungicide at silking is recommended if conditions are conducive to tar spot and DON/gibberella ear rot development
- Scout at Day 0 (early R1) when the first silks are present outside the husk
- For hybrids with a below average tar spot rating, use Delaro Complete
- Aim to apply when there are plentiful, wet silks on the main ear



HIGH MILK YIELD POTENTIAL AND QUALITY ON EVERY ACRE YOU GROW

The DEKALB® brand includes seed with the potential to produce high-quality silage with high milk yield potential per acre. Silage Ready™ hybrids are selected on our research farms and are tested for several years on hundreds of plots across Eastern Canada. You can expect hybrids with excellent agronomic characteristics, high yield potential, very good fibre digestibility, very high energy levels and the potential for very good Milk per Tonne and Milk per Acre.

NUTRITIONAL ANALYSIS

DEKALB seed includes a range of dual-purpose corn hybrids with exceptional agronomic characteristics, the result of breeding efforts based on many plots. Hundreds of silage samples are sent each year for laboratory analysis using the MILK2006 model developed by the University of Wisconsin. The model provides a silage quality index (kilograms of Milk per Tonne of silage), as well as a silage quality index based on yield (kilograms of Milk per Acre).

YIELD + QUALITY = FEED VALUE

Approximately 60% of yield is from the ear:
- 40 to 45% is from the grain
- 15 to 20% is from the rest (shank and husk)

The primary component of the ear is starch:
- Responsible for approximately 45% of all dispensable energy in silage
- Starch is 70 to 95% digestible

Approximately 40% of yield is from the stem and leaves:
- 20 to 25% is from the stem
- 15% is from the leaves

The primary component of the stem and leaves is digestible Neutral Detergent Fibre (NDF)
- Responsible for approximately 25% of all dispensable in silage
- NDF is 40 to 70% digestible

A GOOD SILAGE CORN PRODUCT HAS:

- High Milk per Tonne (MPT)
- High silage yield
- High starch digestibility
- High Milk per Acre (MPA)
- High Neutral Detergent Fibre (NDF) digestibility


DEKALB
SILAGE
CORN
SILAGE
READY

WHAT IS SILAGE READY?

DUAL-PURPOSE CORN HYBRIDS

DEKALB® offers a range of dual-purpose corn hybrids that can either be harvested for grain or silage, giving you great flexibility of use at the end of the season. It is not necessarily the best grain corn hybrids that make the best silage hybrids, but a good silage hybrid is often a product with a very good grain yield. In fact, grain accounts for nearly 60% of dry matter and it is from grain that a large portion of energy comes (45%). Hybrid size/height is also not necessarily related to final yield: a shorter hybrid with a larger ear can yield more silage than a larger, very leafy hybrid with a smaller ear.

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

DEKALB SILAGE READY HYBRIDS OFFER:

- Strong agronomic traits
- High yield potential
- High NDF digestibility
- High starch (digestible starch)
- High Milk per Tonne and Milk per Acre potential

DEKALB SILAGE READY HYBRIDS ARE DETERMINED BY:

- Evaluating experimental and commercial corn hybrids every year
- Taking a silage sample of each hybrid and testing for key information with a focus on milk or beef per acre for maximum return on your farm
- Predicting milk and meat production potential using tools such as the MILK2006 model from the University of Wisconsin
- After extensive local testing against market-leading silage checks, select DEKALB products are designated as Silage Ready

HOW DO WE RATE DEKALB SILAGE READY HYBRIDS?

- 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 undergo local testing through the Bayer Market Development group to ensure consistency of performance

THE DEKALB SILAGE TESTING PROGRAM

MORE RESEARCH LEADING TO BETTER DECISIONS

The agronomic traits of DEKALB® hybrids are just as important for silage as they are for grain. Our priority is to bring to market silage hybrids with superior qualities such as spring vigour, stalk and root strength, staygreen and stress tolerance. More than 2,000 plots of grain corn and silage have been established in the last 5 years in Quebec and Ontario alone to evaluate the performance of our hybrids and their agronomic strengths. These plots are established on farms locally to gain insight and meet the needs of farmers. Bayer agronomists use the plots to rigorously evaluate each hybrid throughout the season.

- The Bayer Market Development team plants hundreds of test plots annually, collecting specific silage data including digestible NDF, MPT and MPA data
- We work in partnership with Canadian testing facilities and communicate with US colleagues to make sure our testing program delivers relevant and accurate information
- Bayer continues to develop new and improved methods for analysis of higher quality potential silage products

EXPERT DEKALB SUPPORT YOU CAN TRUST

- Silage products backed by dedicated agronomists, sales and support staff
- Genetics sourced globally and tested locally for maturity, disease and insect resistance
- Researched and field-tested in local conditions, including MILK2006 nutrition tests
- Hands-on agronomic advice for maximum yield potential

THE MILK2006 MODEL

- **FROM TESTING TO MODELLING – MILK2006**
  - The MILK2006 model, developed at the University of Wisconsin, compares the silage yield and quality of corn products. The model evaluates silage corn products for digestibility, fibre, starch, crude protein and animal intake potential. It then converts these factors into Milk per Tonne, which is a measure of estimated intake of energy from corn silage. Milk per Acre is then calculated using the MPT value and dry matter yield MPA. Therefore, MILK2006 provides an index of silage quality MPT and silage quality MPT by yield MPA. This model is considered a good predictor of animal performance. Testing for DEKALB Silage Ready™ products is done across a large variety of management areas across Canada.
- **FROM MODELLING TO SCREENING**
  - After being evaluated using the MILK2006 model, each hybrid is rated for MPT and MPA as a percent of the plot index (grouped by maturity). Hybrid families are rated together and an overall rating is determined for each hybrid.

2024 SILAGE CORN HYBRIDS

DKC21-36RIB
71 RM 2075 CHU

VTDoublePRO RIB COMPLETE™ SILAGE READY™

- High starch content and high fibre digestibility
- Semi-fixed ear hybrid can be planted at high populations for full yield potential
- Very good ratio between yield and Milk per Tonne test results
- Very good drought tolerance
- Very good staygreen and late-season plant health

DKC24-06RIB
74 RM 2100 CHU

VTDoublePRO RIB COMPLETE™ SILAGE READY™

- High starch content and high fibre digestibility
- Fixed-ear hybrid can be planted at high populations for full yield potential
- Very good ratio between yield and Milk per Tonne test results
- Very good drought tolerance
- Medium-tall hybrid

DKC26-40RIB
76 RM 2150 CHU

VTDoublePRO RIB COMPLETE™ SILAGE READY™

- High tonnage potential for its maturity and excellent safety profile to help manage early frost
- Very good ratio between yield and Milk per Tonne test results
- Excellent agronomic characteristics and seedling vigour
- Semi-fixed ear hybrid can be planted at high populations for full yield potential
- Very good drought tolerance

DKC31-85RIB
81 RM 2425 CHU

VTDoublePRO RIB COMPLETE™ SILAGE READY™

- Very tall and impressive silage hybrid suitable for areas of 2125 CHU and above
- High silage yield potential and high fibre digestibility
- Above-average staygreen
- Matures more slowly and offers a wide harvest window
- Hybrid with semi-fixed ears that will enhance both higher and lower populations

DKC34-57RIB
84 RM 2575 CHU

VTDoublePRO RIB COMPLETE™ SILAGE READY™

- Tall hybrid with excellent tonnage potential
- Position on more fertile ground to take advantage of the high, top end yield potential
- Good nutrition quality potential and digestibility
- Slower drydown provides a good harvest window
- Responds well to fungicide applications for yield potential and quality potential

DKC36-48RIB
86 RM 2600 CHU

VTDoublePRO RIB COMPLETE™ SILAGE READY™

- Excellent silage quality potential and fibre digestibility
- Very good starch content
- Strong silage yield potential
- Above-average drought tolerance
- Strong root strength supports this taller hybrid

2024 DEKALB SILAGE CORN AGRONOMIC CHART

HYBRID*		MATURITY					MANAGEMENT			GROWTH			SILAGE RATINGS					DISEASE MANAGEMENT		
	TRAIT	RELATIVE MATURITY[1]	CHU GRAIN CORN	CHU SILAGE CORN	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	CORN-ON-CORN OPTION	TARGET POPULATION[3]	HERBICIDE SAFETY[4]	STAYGREEN	PLANT HEIGHT	DROUGHT TOLERANCE	SILAGE YIELD	MILK PER TONNE	MILK PER ACRE	DIGESTIBLE NEUTRAL DETERGENT FIBRE	STARCH CONTENT	GIBBERELLA EAR ROT	TAR SPOT	DELARO® COMPLETE RECOMMENDATION
DKC21-36RIB	VT2P	71	2075	1800-2000	LATE	SF	-	32-34	✔	2	M	3	2	4	2	2	2	AA	-	-
DKC24-06RIB	VT2P	74	2100	1825-2050	LATE	F	-	34-36	✔	3	M-T	3	3	4	3	2	3	AA	-	-
DKC26-40RIB	VT2P	76	2150	1925-2100	LATE	SF	-	36-38	✔	2	M-T	2	2	3	2	2	3	AA	-	-
DKC31-85RIB	VT2P	81	2425	2125-2300	AVG	SF	-	36-38	✔	2	M-T	3	3	2	3	2	3	AA	-	-
DKC34-57RIB	VT2P	84	2575	2325-2500	AVG	SF	-	36-38	✔	3	T	2	2	3	2	3	2	BA	-	-
DKC36-48RIB	VT2P	86	2600	2375-2525	AVG	FL	-	32-34	SU	3	T	2	3	2	2	2	2	A	-	-

Data compiled from Bayer conducted field trials.
*Denotes a limited data set

LEGEND

EAR TYPE
F = Fixed **SF** = Semi-fixed
SFL = Semi-flex **FL** = Flex

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

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
– = Not Available

HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, Engenia®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, Marksman®, 2, 4-D)

SU = Adverse effects from sulfonylurea herbicides (Option®)

✔ = 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, 4 = Refer to the References page at the end of this guide for more information

2024 SILAGE CORN HYBRIDS

DKC38-55RIB
88 RM 2650 CHU

VT DoublePRO RIB COMPLETE™ SILAGE READY™

- Tall hybrid with good tonnage potential
- Excellent vigour and emergence are a good fit for early planting on light or loamy ground
- Good nutrition quality potential and digestibility
- Good drought tolerance and semi-fixed ear deliver consistent yield potential, year after year
- Responds well to fungicide applications for yield potential and quality potential

DKC39-54RIB
89 RM 2725 CHU

SmartStax® RIB COMPLETE™ SILAGE READY™

- Excellent starch content
- Excellent Milk per Acre potential
- Great vigour and emergence make it a good fit for early planting
- Strong stalks can support higher planted populations
- Excellent choice for corn-on-corn rotations

DKC39-55RIB
89 RM 2725 CHU

VT DoublePRO® RIB COMPLETE™ SILAGE READY™

- Excellent silage yield potential
- Excellent starch content
- Excellent Milk per Acre potential
- Excellent drydown and test weight
- Plant to target 34-36,000 plants per acre on highly productive ground

DKC42-04RIB
92 RM 2800 CHU

SmartStax® RIB COMPLETE™ SILAGE READY™

- Tall hybrid with excellent tonnage potential and a semi-flex ear that allows for moderate plant populations
- Excellent trait and agronomic package make it a good fit for corn-on-corn rotations
- Excellent silage fit measuring well for tonnage potential, quality potential and digestibility
- Widely adaptable hybrid with consistent performance

DKC42-05RIB
92 RM 2800 CHU

VT DoublePRO® RIB COMPLETE™ SILAGE READY™

- Tall hybrid with excellent tonnage potential and a semi-flex ear that allows for moderate plant populations
- Excellent silage fit measuring well for tonnage potential, quality potential and digestibility
- Excellent trait and agronomic package make it a good fit for non corn-on-corn fields
- Widely adaptable hybrid with consistent performance

DKC44-80RIB
94 RM 2850 CHU

VT DoublePRO® RIB COMPLETE™ SILAGE READY™

- Tall hybrid that provides superior yield potential and tonnage potential
- High flexibility
- Demonstrated consistently strong performance for Milk per Tonne and Milk per Acre
- Excellent amount of fibre with high digestibility of NDF
- Excellent starch content

2024 DEKALB SILAGE CORN AGRONOMIC CHART

HYBRID*		MATURITY					MANAGEMENT			GROWTH			SILAGE RATINGS					DISEASE MANAGEMENT		
	TRAIT	RELATIVE MATURITY[1]	CHU GRAIN CORN	CHU SILAGE CORN	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	CORN-ON-CORN OPTION	TARGET POPULATION[3]	HERBICIDE SAFETY[4]	STAYGREEN	PLANT HEIGHT	DROUGHT TOLERANCE	SILAGE YIELD	MILK PER TONNE	MILK PER ACRE	DIGESTIBLE NEUTRAL DETERGENT FIBRE	STARCH CONTENT	GIBBERELLA EAR ROT	TAR SPOT	DELARO® COMPLETE RECOMMENDATION
DKC38-55RIB	VT2P	88	2650	2425-2600	EARLY	SF	-	32-34	✔	3	M-T	2	4	3	3	3	3	AA	-	-
DKC39-54RIB	SS	89	2725	2450-2625	AVG	SFL	✔	34-36	✔	4	M	2	3	4	3	4	2	A	-	-
DKC39-55RIB	VT2P	89	2725	2450-2625	EARLY	SFL	-	34-36	✔	4	M	3	3	4	3	4	2	A	-	-
DKC42-04RIB	SS	92	2800	2575-2725	AVG	SFL	✔	32-34	✔	3	T	2	2	2	2	3	2	AA	A	-
DKC42-05RIB	VT2P	92	2800	2575-2725	AVG	SFL	-	32-34	✔	2	T	2	2	2	2	3	2	AA	A	-
DKC44-80RIB	VT2P	94	2850	2600-2750	EARLY	FL	-	32-34	✔	3	T	3	3	2	3	3	2	AA	A	-

Data compiled from Bayer conducted field trials.
*Denotes a limited data set

LEGEND

EAR TYPE
F = Fixed **SF** = Semi-fixed
SFL = Semi-flex **FL** = Flex

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

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
– = Not Available

HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, Engenia®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, Marksman®, 2, 4-D)

SU = Adverse effects from sulfonylurea herbicides (Option®)

✔ = 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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2024 SILAGE CORN HYBRIDS

NEW

DKC45-74RIB
95 RM 2875 CHU

SmartStax RIB COMPLETE | SILAGE READY | DELARO Complete

- Excellent seedling vigour and emergence for early planting
- Excellent staygreen provides a wider harvest window
- Superior silage yield potential combined with excellent silage quality potential
- High fibre digestibility (NDF)
- Excellent trait and agronomic package make it a good fit for corn-on-corn rotations
- An application of Delaro® Complete fungicide is recommended if conditions are conducive to tar spot development

DKC46-40RIB
96 RM 2875 CHU

VTDoublePRO RIB COMPLETE | SILAGE READY

- Exceptional silage performance for tonnage potential and quality potential
- Demonstrated high consistency for silage production
- Provides both higher than average Milk per Acre and Milk per Tonne in this maturity
- Excellent starch content and amount of fibre with high digestibility of fibres (NDF)
- Good staygreen, strong stalks and very good roots

DKC48-56RIB
98 RM 2950 CHU

SmartStax RIB COMPLETE | SILAGE READY | DELARO Complete

- Medium-tall hybrid that offers consistent tonnage potential and quality potential in corn-on-corn rotations
- Great agronomic package that offers strong emergence and spring vigour
- Very good drought tolerance
- Excellent late-season plant health, especially with protection against ear moulds
- Best planted at high populations for optimal tonnage potential
- An application of Delaro Complete fungicide is recommended if conditions are conducive to tar spot development

DKC49-09RIB
99 RM 2975 CHU

VTDoublePRO RIB COMPLETE | SILAGE READY

- Very tall hybrid that offers very good tonnage potential, with above average starch and digestibility
- Plant early to take advantage of this hybrid's excellent vigour and emergence
- Excellent drought tolerance and good late-season disease tolerance, particularly against gibberella ear rot
- Strong agronomic characteristics make this a consistently high-quality silage potential, year after year

NEW

DKC52-52RIB
102 RM 3100 CHU

SmartStax RIB COMPLETE | SILAGE READY

- Strong emergence and seedling vigour scores favour an early planting into fit conditions
- Strong drought tolerance
- Excellent late-season staygreen increases the harvest timing window
- Excellent silage quality potential with strong silage yield potential

DKC54-77RIB
104 RM 3150 CHU

VTDoublePRO RIB COMPLETE | SILAGE READY

- Excellent silage yield potential
- Excellent starch content
- Excellent Milk per Acre potential
- Excellent drought tolerance
- Performs well at harvest, with excellent drydown and test weight

2024 DEKALB SILAGE CORN AGRONOMIC CHART

	HYBRID*	TRAIT	MATURITY					MANAGEMENT			GROWTH			SILAGE RATINGS						DISEASE MANAGEMENT		
			RELATIVE MATURITY[1]	CHU GRAIN CORN	CHU SILAGE CORN	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	CORN-ON-CORN OPTION	TARGET POPULATION[3]	HERBICIDE SAFETY[4]	STAYGREEN	PLANT HEIGHT	DROUGHT TOLERANCE	SILAGE YIELD	MILK PER TONNE	MILK PER ACRE	DIGESTIBLE NEUTRAL DETERGENT FIBRE	STARCH CONTENT	GIBBERELLA EAR ROT	TAR SPOT	DELARO® COMPLETE RECOMMENDATION
NEW	**DKC45-74RIB**	SS	95	2875	2650-2800	AVG	SF*	✔	34-36	✔	2	M-T	3	2	2	2	2	4	A	BA	✔
	DKC46-40RIB	VT2P	96	2875	2625-2800	EARLY	SFL	-	34-36	✔	3	T	3	3	2	3	3	2	A	A	-
	DKC48-56RIB	SS	98	2950	2700-2875	EARLY	SF	✔	36-38	GR	2	M-T	3	4	4	2	3	2	AA	BA	✔
	DKC49-09RIB	VT2P	99	2975	2725-2900	EARLY	FL	-	32-34	✔	2	T	2	2	3	2	3	3	AA	A	-
NEW	**DKC52-52RIB**	SS	102	3100	2875-3025	AVG	SFL	✔	34-36	✔	2	S-M	3	3	2	3	4	3	BA	A	-
	DKC54-77RIB	VT2P	104	3150	2900-3050	EARLY	SFL	-	34-36	✔	4	M	4	3	3	3	4	2	A	A	-

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2024 SILAGE CORN HYBRIDS

DKC56-15RIB
106 RM 3175 CHU

Trecepta® RIB COMPLETE™ SILAGE READY™

- Tall hybrid
- Very good milk yield potential compared to other DEKALB® hybrids in this RM range
- Good plant health and stalks
- Excellent starch content
- Very nice fit on rotated ground where Western bean cutworm can be an issue

DKC56-65RIB
106 RM 3200 CHU

SmartStax® RIB COMPLETE™ SILAGE READY™

- Leafy archetype
- Very nice harvest appearance and strong stalks
- Good silage yield potential
- Very good milk quality product
- Has a long harvest window
- Best planted at high populations for optimal tonnage potential

NEW

DKC58-64RIB
108 RM 3250 CHU

SmartStax® RIB COMPLETE™ SILAGE READY™

- Medium-height hybrid that offers consistent tonnage potential and quality potential in corn-on-corn rotations
- Target mid-range populations for best performance with a semi-flex ear type
- Keep management high to maximize product performance potential

NEW

DKC59-82RIB
109 RM 3275 CHU

VT DoublePRO® RIB COMPLETE™ SILAGE READY™

- Excellent drought tolerance and consistent ear development even under stress
- Push plant populations to maximize silage yield potential
- Excellent silage yield potential and silage quality potential
- Very good starch content
- Has shown stability across soil types tested

2024 DEKALB SILAGE CORN AGRONOMIC CHART

	HYBRID*		MATURITY					MANAGEMENT			GROWTH			SILAGE RATINGS					DISEASE MANAGEMENT		
		TRAIT	RELATIVE MATURITY[1]	CHU GRAIN CORN	CHU SILAGE CORN	FLOWERING TIMING FOR MATURITY	EAR TYPE[2]	CORN-ON-CORN OPTION	TARGET POPULATION[3]	HERBICIDE SAFETY[4]	STAYGREEN	PLANT HEIGHT	DROUGHT TOLERANCE	SILAGE YIELD	MILK PER TONNE	MILK PER ACRE	DIGESTIBLE NEUTRAL DETERGENT FIBRE	STARCH CONTENT	GIBBERELLA EAR ROT	TAR SPOT	DELARO® COMPLETE RECOMMENDATION
	DKC56-15RIB	TRE	106	3175	2950-3100	AV	FL	-	32-34	✔	2	T	3	2	3	2	2	2	BA	AA	-
	DKC56-65RIB	SS	106	3200	3000-3150	AV	SF	✔	36-38	✔	2	S-M	4	3	2	3	3	2	A	A	-
NEW	DKC58-64RIB	SS	108	3250	3050-3175	AVG	SFL	✔	34-36	✔	3	M	3	3	3	3	4	4	A	A	-
NEW	DKC59-82RIB	VT2P	109	3275	3075-3200	AVG	F	-	36-38	✔	3	M	2	2	3	2	4	2	AA	A	-

Data compiled from Bayer conducted field trials.
*Denotes a limited data set

LEGEND

EAR TYPE
F = Fixed **SF** = Semi-fixed
SFL = Semi-flex **FL** = Flex

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

TRAIT
RR2 = Roundup Ready® Corn 2
SS = SmartStax® RIB Complete®
VT2P = VT Double PRO® RIB Complete®
TRE = Trecepta® RIB Complete®

GIBBERELLA EAR ROT AND TAR SPOT RATINGS
AA = Above Average
A = Average
BA = Below Average
– = Not Available

HERBICIDE SAFETY
GR = Adverse effects from Growth Regulator Herbicides (XtendiMax® with VaporGrip® Technology, XtendiMax® 2 with VaporGrip® Technology, Engenia®, Roundup Xtend® with VaporGrip® Technology, Roundup Xtend® 2 with VaporGrip® Technology, Marksman®, 2, 4-D)

SU = Adverse effects from sulfonylurea herbicides (Option®)

✔ = 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, 4 = Refer to the References page at the end of this guide for more information

PROTECT YOUR CORN SEEDS' PERFORMANCE

ACCELERON® SEED APPLIED SOLUTIONS

Maximize your corn's potential with superior protection and greater flexibility. Choose the Acceleron® package that's right for your field.

PROTECTION	ACCELERON® SEED APPLIED SOLUTIONS BASIC	ACCELERON® SEED APPLIED SOLUTIONS STANDARD	
FUNGICIDE	✔	✔	✔
INSECTICIDE		✔	✔
BIO-ENHANCER			✔

FUNGICIDE

Excellent control of soil- and seed-borne disease including pythium, rhizoctonia, fusarium, phomopsis, rhizopus, aspergillus and penicillium

INSECTICIDE

Protection from early-season pests, such as wireworms, white grubs and seed corn maggots

BIO-ENHANCER

The BioRise® Corn Offering is designed to increase functional root volume, as well as water and nutrient uptake through enhanced mycorrhizal colonization

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 ethaboxam, fluoxastrobin, prothioconazole and metalaxyl. **STANDARD** is a combination of ethaboxam, fluoxastrobin, prothioconazole, metalaxyl and insecticide of either clothianidin or tetraniliprole. **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 2024 **STANDARD** corn hybrids.

The Roundup Ready® Xtend Crop System provides farmers with more choices than ever. Roundup Ready 2 Xtend® soybeans combine the proven yield potential of the Roundup Ready 2 Yield® soybean trait and weed resistance management with tolerance to dicamba and glyphosate. With XtendFlex® soybeans, you can continue to count on the high yield potential you've come to expect with Roundup Ready 2 Xtend, with the added benefit of glufosinate tolerance for the flexibility to apply another non-selective herbicide post emergence.

WHY CHOOSE DEKALB SOYBEANS

PERFORMANCE AND LOCAL TRIALS
Local testing of all DEKALB® soybean varieties helps deliver the performance you demand

TRAITS OFFERINGS
Both Roundup Ready 2 Xtend and XtendFlex soybeans have high yield potential

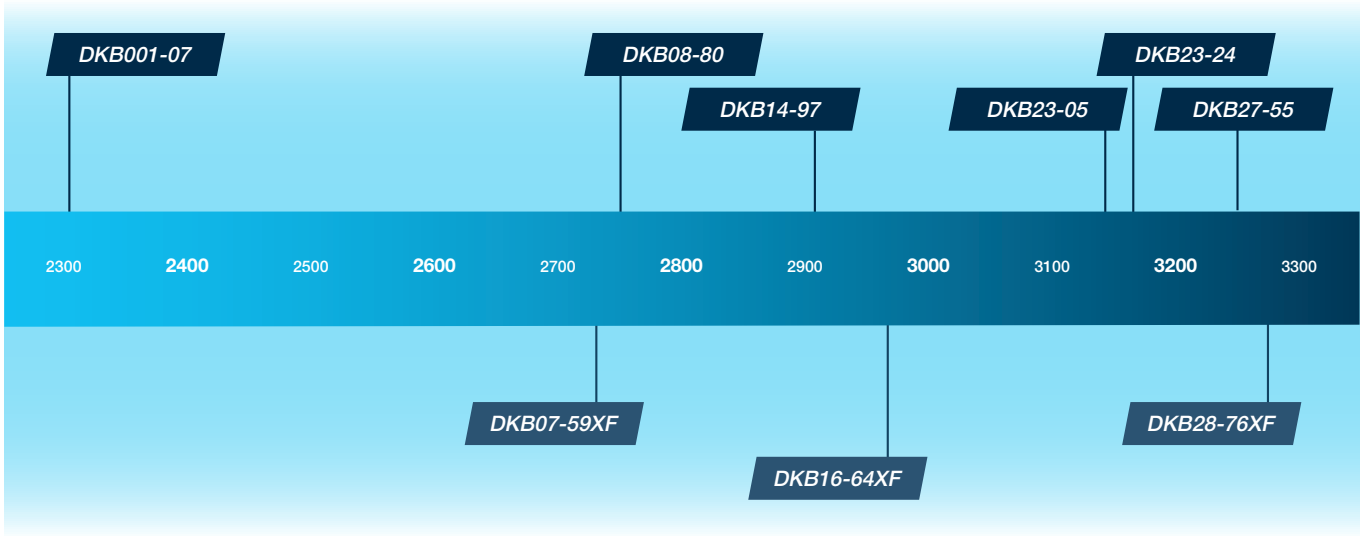
DISEASE PROTECTION
Every DEKALB soybean variety is evaluated for resistance to key diseases

WHAT'S NEW FOR 2024

We've got 9 new soybean varieties for 2024. Whatever the conditions on your farm, we've got you covered.

ROUNDUP READY 2 XTEND SOYBEANS

XTENDFLEX SOYBEANS



DEKALB® soybeans deliver on performance.
See local trial data at DEKALB.ca

A BROAD LINEUP OF ROUNDUP READY 2 XTEND AND XTENDFLEX SOYBEANS

DEKALB® soybean varieties with the Roundup Ready 2 Xtend® and XtendFlex® soybean traits are the first step towards achieving high yield potential in your fields. Complete the Roundup Ready® Xtend Crop System by applying Roundup Xtend® 2 or XtendiMax® 2 herbicides with VaporGrip® Technology for short-term residual control of hard-to-kill and key glyphosate-resistant broadleaf weeds, such as Canada fleabane. If waterhemp is a concern for you, consider using a DEKALB XtendFlex soybean.

PLANTING RECOMMENDATIONS

Selecting more tolerant varieties can be effective in managing white mould and maintaining yield potential. While no soybean varieties are completely tolerant, 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 Delaro® Complete fungicide to help maximize your yield potential.

	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

2024 SOYBEAN VARIETIES

DKB0005-03
000.5 RM 2175 CHU

ROUNDUP READY 2 XTEND SOYBEANS

- Compact, medium bushy architecture plant with excellent standability
- Performs well across all soil types tested

DKB0008-87
000.8 RM 2275 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

- Medium-to-tall in height with bushy architecture and very good standability
- An excellent fit for no-till and is best seeded in narrow rows
- Avoid placing in poorly drained soils

NEW

DKB001-07
00.1 RM 2300 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

- Tall plant with slender architecture and excellent early-season vigour
- Strong overall disease package

DKB002-32
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 an excellent fit for your best fields
- Well adapted to all row widths and soil types tested and is a good fit for no-till

DKB005-52
00.5 RM 2425 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

- Medium-to-tall height with excellent standability
- Excellent agronomic and disease package with excellent tolerance to white mould and phytophthora root rot (*Rps*1c)
- Well suited across all soil types and row widths tested

DKB006-80
00.6 RM 2450 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

- Medium-to-tall height with excellent standability
- Outstanding early-season vigour combined with excellent agronomics and disease package including excellent white mould tolerance
- Well suited across all soil types and row widths tested

2024 DEKALB SOYBEAN AGRONOMIC RATINGS

VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
	TRAIT	RELATIVE MATURITY*	CHU	PLANT HEIGHT	PUBESCENCE	HILUM 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*
DKB0005-03	RR2X	000.5	2175	M	G	BR	S	1	3	3	3	ALL	✔	✔	-	5	*Rps*	3	5	-	Susc.
DKB0008-87	RR2X	000.8	2275	M-T	T	BL	S	3	3	3	2	ALL	✔	✔	-	5	*Rps*	2	5	-	R3
NEW **DKB001-07**	RR2X	00.1	2300	T	T	BL	S	2	2	2	2	ALL	✔	✔	-	4	*Rps*1k	2	3	5	R3
DKB002-32	RR2X	00.2	2350	M	LT	BR	S	2	3	3	3	ALL	✔	✔	-	4	*Rps*	2	-	-	R3
DKB005-52	RR2X	00.5	2425	M-T	LT	BL	M	2	3	3	3	ALL	✔	✔	✔	2	*Rps*	2	5	-	R3
DKB006-80	RR2X	00.6	2450	M-T	LT	BL	M	2	2	2	2	ALL	✔	✔	✔	4	*Rps*	2	2	-	R3

Data compiled from Bayer conducted field trials.

LEGEND

TRAIT
RR2Y = Roundup Ready 2 Yield® soybeans
RR2X = Roundup Ready 2 Xtend® soybeans
XF = XtendFlex® soybeans

PLANT HEIGHT
S = Short **M** = Medium **T** = Tall

PUBESCENCE
G = Grey **T** = Tawny **LT** = Light Tawny

HILUM COLOUR
BR = Brown **BF** = Buff **IB** = Imperfect Black
BL = Black **GR** = Grey **IY** = Imperfect Yellow

SEED SIZE CATEGORIES
L = <5500 seeds/kg
M = 5500-6500 seeds/kg
S = >6500 seeds/kg

SOIL TYPE RECOMMENDATIONS
ALL = All Soil Types
CL-C = Clay Loam, Clay
L-CL = Loam, Clay Loam
SL-CL = Sandy Loam, Loam, Clay Loam

SOYBEAN CYST NEMATODE LEGEND
SUSC = Susceptible
R1 = Resistant to Race 1 SCN
R3 = Resistant to Race 3 SCN

⁺ **CHU** = Crop Heat Units
***** = Refer to the References page at the end of this guide for more information
****** = Partial genes and not fully homozygous

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

2024 SOYBEAN VARIETIES

DKB008-48
00.8 RM 2475 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

- Medium-to-tall variety with excellent standability, but may shorten up in tougher growing conditions
- Excellent standability and performs well in no-till and conventional tillage
- Consistent performance across all soil types and yield environments tested

DKB03-25
0.3 RM 2625 CHU

ROUNDUP READY 2 XTEND SOYBEANS

- Medium-tall 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

DKB07-23
0.7 RM 2700 CHU

ROUNDUP READY 2 XTEND SOYBEANS SCN

- Narrow plant structure
- Adapted to high and low fertility environments with strong white mould tolerance

NEW

DKB07-59XF
0.7 RM 2725 CHU

XTENDFLEX SOYBEANS SCN

- XtendFlex® variety which has triple herbicide tolerance to dicamba (Group 4), glyphosate (Group 9) and glufosinate (Group 10)
- Medium-tall vase architecture with strong emergence and vigour
- Adapted to no-till and heavier soils

NEW

DKB08-80
0.8 RM 2750 CHU

ROUNDUP READY 2 XTEND SOYBEANS

- Medium-tall plant with slender architecture
- Robust phenotype that adapts to all soils and tillage practices tested

DKB10-20
1.0 RM 2750 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

2024 DEKALB SOYBEAN AGRONOMIC RATINGS

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		TRAIT	RELATIVE MATURITY*	CHU	PLANT HEIGHT	PUBESCENCE	HILUM 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*
	DKB008-48	RR2X	00.8	2475	M-T	LT	BL	M	2	2	3	2	ALL	✔	✔	-	5	*Rps*	3	3	-	R3
	DKB03-25	RR2X	0.3	2625	M-T	LT	BR	M	2	3	3	2	ALL	✔	✔	✔	4	*Rps*1c	2	-	-	Susc.
	DKB07-23	RR2X	0.7	2700	M	LT	IB	S	1	3	3	4	ALL	✔	✔	-	5	*Rps*1c**	2	6	-	R3
NEW	**DKB07-59XF**	XF	0.7	2725	M-T	G	IB	M	3	2	2	2	L-CL	✔	✔	✔	3	*Rps*1c	3	1	6	R3
NEW	**DKB08-80**	RR2X	0.8	2750	M-T	LT	BL	L	2	2	3	3	ALL	✔	✔	✔	4	*Rps*1c & 1k	2	1	5	Susc.
	DKB10-20	RR2X	1.0	2750	M-T	G	IB	M	2	3	3	2	ALL	✔	✔	✔	5	*Rps*1c	2	5	3	R3

Data compiled from Bayer conducted field trials.

LEGEND

TRAIT
RR2Y = Roundup Ready 2 Yield® soybeans
RR2X = Roundup Ready 2 Xtend® soybeans
XF = XtendFlex® soybeans

PLANT HEIGHT
S = Short **M** = Medium **T** = Tall

PUBESCENCE
G = Grey **T** = Tawny **LT** = Light Tawny

HILUM COLOUR
BR = Brown **BF** = Buff **IB** = Imperfect Black
BL = Black **GR** = Grey **IY** = Imperfect Yellow

SEED SIZE CATEGORIES
L = <5500 seeds/kg
M = 5500-6500 seeds/kg
S = >6500 seeds/kg

SOIL TYPE RECOMMENDATIONS
ALL = All Soil Types
CL-C = Clay Loam, Clay
L-CL = Loam, Clay Loam
SL-CL = Sandy Loam, Loam, Clay Loam

SOYBEAN CYST NEMATODE LEGEND
SUSC = Susceptible
R1 = Resistant to Race 1 SCN
R3 = Resistant to Race 3 SCN

⁺ **CHU** = Crop Heat Units
***** = Refer to the References page at the end of this guide for more information
****** = Partial genes and not fully homozygous

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

2024 SOYBEAN VARIETIES

DKB11-84
1.1 RM 2825 CHU

ROUNDUP READY 2 XTEND SOYBEANS S C N

- 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 well-suited for no-till situations
- Plant at lower populations in environments with high fertility

DKB11-51
1.1 RM 2875 CHU

ROUNDUP READY 2 XTEND SOYBEANS S C N

- Tall variety that branches well to fill out rows
- Adaptable to all soil types, yield environments and tillage management tested

DKB14-65
1.4 RM 2925 CHU

ROUNDUP READY 2 XTEND SOYBEANS S C N

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

NEW

DKB14-97
1.4 RM 2900 CHU

ROUNDUP READY 2 XTEND SOYBEANS S C N

- Tall, robust plant with slender vase architecture
- Uniform and consistent, standing strong with excellent white mould scores
- Adapted to all soil types tested

NEW

DKB16-64XF
1.6 RM 2975 CHU

XTENDFLEX SOYBEANS S C N

- XtendFlex® variety which has triple herbicide tolerance to dicamba (Group 4), glyphosate (Group 9) and glufosinate (Group 10)
- Tall plant with vase architecture and a clean phenotype
- Consistent performance across soil types and tillage practices tested

DKB19-80
1.9 RM 3025 CHU

ROUNDUP READY 2 XTEND SOYBEANS S C N

- Tall, branchy and robust variety
- Consistent yield potential across soil and tillage types tested
- May lean in high fertility environments and is better suited to heavier clay soils

2024 DEKALB SOYBEAN AGRONOMIC RATINGS

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		TRAIT	RELATIVE MATURITY*	CHU	PLANT HEIGHT	PUBESCENCE	HILUM 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*
	DKB11-84	RR2X	1.1	2825	M-T	LT	BR	M	2	2	2	2	ALL	✔	✔	✔	3	*Rps*3a	3	3	2	R3
	DKB11-51	RR2X	1.1	2875	T	T	BL	M	3	2	3	2	ALL	✔	✔	✔	6	-	4	3	3	R3
	DKB14-65	RR2X	1.4	2925	M-T	LT	BL	M	3	2	2	3	ALL	✔	✔	✔	4	*Rps*1c & 3a	3	3	4	R3
NEW	**DKB14-97**	RR2X	1.4	2900	T	G	IB	M	2	2	3	3	ALL	✔	✔	✔	-	*Rps*3a	3	2	3	R3
NEW	**DKB16-64XF**	XF	1.6	2975	T	G	IB	M	3	2	3	2	ALL	✔	✔	-	3	*Rps*1c	3	1	3	R3
	DKB19-80	RR2X	1.9	3025	T	LT	BL	M	4	2	2	2	CL-C	✔	✔	✔	4	*Rps*1c**	4	3	4	R3

Data compiled from Bayer conducted field trials.

LEGEND

TRAIT
RR2Y = Roundup Ready 2 Yield® soybeans
RR2X = Roundup Ready 2 Xtend® soybeans
XF = XtendFlex® soybeans

PLANT HEIGHT
S = Short **M** = Medium **T** = Tall

PUBESCENCE
G = Grey **T** = Tawny **LT** = Light Tawny

HILUM COLOUR
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BL = Black **GR** = Grey **IY** = Imperfect Yellow

SEED SIZE CATEGORIES
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SOIL TYPE RECOMMENDATIONS
ALL = All Soil Types
CL-C = Clay Loam, Clay
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SOYBEAN CYST NEMATODE LEGEND
SUSC = Susceptible
R1 = Resistant to Race 1 SCN
R3 = Resistant to Race 3 SCN

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* = Refer to the References page at the end of this guide for more information
** = Partial genes and not fully homozygous

RATING SCALE
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2024 SOYBEAN VARIETIES

DKB21-30XF
2.1 RM 3100 CHU

XTENDFLEX SOYBEANS · S C N

- XtendFlex® soybean variety which has triple herbicide tolerance to dicamba (Group 4), glyphosate (Group 9) and glufosinate (Group 10)
- A medium-to-tall variety with excellent standability
- With excellent early seedling vigour and emergence, this variety is well suited to all tillage practices and soil types tested

NEW

DKB23-05
2.3 RM 3150 CHU

ROUNDUP READY 2 XTEND SOYBEANS · S C N

- Medium, branchy and full plant, built for clay and clay loam
- No-till fit with excellent disease package

NEW

DKB23-24
2.3 RM 3175 CHU

ROUNDUP READY 2 XTEND SOYBEANS · S C N

- Tall, branchy, robust plant that stands well and is best adapted to high-fertility environments and conventional tillage

DKB24-35
2.4 RM 3175 CHU

ROUNDUP READY 2 XTEND SOYBEANS · S C N

- Aggressive early-season bean that adapts well to tillage practices and soil types tested
- Very good white mould tolerance
- Well suited across all soil types and row widths tested

DKB25-17XF
2.5 RM 3200 CHU

XTENDFLEX SOYBEANS · S C N

- XtendFlex variety which has triple herbicide tolerance to dicamba (Group 4), glyphosate (Group 9) and glufosinate (Group 10)
- Medium-height, full bushy bean that stands well
- High yield potential in all types of clay soils tested

DKB25-57
2.5 RM 3200 CHU

ROUNDUP READY 2 XTEND SOYBEANS · S C N

- 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

2024 DEKALB SOYBEAN AGRONOMIC RATINGS

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		TRAIT	RELATIVE MATURITY*	CHU	PLANT HEIGHT	PUBESCENCE	HILUM 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*
	DKB21-30XF	XF	2.1	3100	M-T	LT	BL	M	2	2	2	2	ALL	✔	✔	✔	4	*Rps*1c	4	3	3	R3
NEW	**DKB23-05**	RR2X	2.3	3150	M	G	BL	M	2	2	3	2	L-CL	✔	✔	-	2	*Rps*1c & 3a	3	1	3	R3
NEW	**DKB23-24**	RR2X	2.3	3175	T	G	IB	M	3	3	3	3	ALL	✔	✔	-	4	*Rps*1c	3	2	3	R3
	DKB24-35	RR2X	2.4	3175	T	G	IB	S	2	2	3	2	ALL	✔	✔	✔	5	*Rps*1c	3	4	3	R3
	DKB25-17XF	XF	2.5	3200	M	G	IB	M	3	3	3	3	L-CL	✔	✔	✔	5	*Rps*1c	3	3	4	R3
	DKB25-57	RR2X	2.5	3200	M	G	IB	L	2	2	3	2	ALL	✔	✔	✔	3	*Rps*1c	2	4	3	R3

Data compiled from Bayer conducted field trials.

LEGEND

TRAIT
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CL-C = Clay Loam, Clay
L-CL = Loam, Clay Loam
SL-CL = Sandy Loam, Loam, Clay Loam

SOYBEAN CYST NEMATODE LEGEND
SUSC = Susceptible
R1 = Resistant to Race 1 SCN
R3 = Resistant to Race 3 SCN

⁺ **CHU** = Crop Heat Units
***** = Refer to the References page at the end of this guide for more information
****** = Partial genes and not fully homozygous

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

2024 SOYBEAN VARIETIES

NEW

DKB27-55
2.7 RM 3250 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

- Tall, robust, branchy plant that stands well
- Adapted to productive soils and can fill wider row widths
- Strong agronomics and performance potential from this Peking line

NEW

DKB28-76XF
2.8 RM 3275 CHU

XTENDFLEX SOYBEANS · SCN

- XtendFlex® variety which has triple herbicide tolerance to dicamba (Group 4), glyphosate (Group 9) and glufosinate (Group 10)
- Tall, branchy architecture with a robust phenotype. Vigorous in the spring and standing strong in the fall.
- Strong yield performance potential and agronomics

DKB28-81
2.8 RM 3275 CHU

ROUNDUP READY 2 XTEND SOYBEANS · SCN

- Broad acre variety with excellent standability
- Very good field tolerance to phytophthora root rot (*Rps*1c), white mould and sudden death syndrome
- Excellent tolerance to brown stem rot
- Well suited across all soil types and agronomic situations tested

DKB32-12XF
3.2 RM 3375 CHU

XTENDFLEX SOYBEANS · SCN

- XtendFlex variety which has triple herbicide tolerance to dicamba (Group 4), glyphosate (Group 9) and glufosinate (Group 10)
- Tall and robust full-season bean that stands strong throughout the season
- Solid agronomics with excellent no-till adaptability

DKB33-54
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 (*Rps*1k & 3a)
- Excellent tolerance to brown stem rot and very good tolerance to sudden death syndrome and white mould
- Excels in very tough growing conditions

2024 DEKALB SOYBEAN AGRONOMIC RATINGS

	VARIETY	PLANT CHARACTERISTICS					SEED QUALITIES		PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
		TRAIT	RELATIVE MATURITY*	CHU	PLANT HEIGHT	PUBESCENCE	HILUM 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*
NEW	**DKB27-55**	RR2X	2.7	3250	T	G	IB	M	3	2	2	2	CL-C	✔	✔	✔	3	*Rps*1c	4	2	2	R1 & R3
NEW	**DKB28-76XF**	XF	2.8	3275	T	G	IB	M	2	2	3	2	L-CL	✔	✔	✔	5	*Rps*1c	3	2	2	R3
	DKB28-81	RR2X	2.8	3275	T	G	IB	S	2	3	3	2	ALL	✔	✔	✔	3	*Rps*1c	3	2	4	R3
	DKB32-12XF	XF	3.2	3375	T	G	IB	M	3	3	4	2	ALL	-	✔	✔	-	*Rps*1c	3	2	3	R3
	DKB33-54	RR2X	3.3	3400	M	G	IB	M	2	2	2	2	ALL	✔	✔	✔	2	*Rps*1k & 3a	3	2	3	R3

Data compiled from Bayer conducted field trials.

LEGEND

TRAIT
RR2Y = Roundup Ready 2 Yield® soybeans
RR2X = Roundup Ready 2 Xtend® soybeans
XF = XtendFlex® soybeans

PLANT HEIGHT
S = Short **M** = Medium **T** = Tall

PUBESCENCE
G = Grey **T** = Tawny **LT** = Light Tawny

HILUM COLOUR
BR = Brown **BF** = Buff **IB** = Imperfect Black
BL = Black **GR** = Grey **IY** = Imperfect Yellow

SEED SIZE CATEGORIES
L = <5500 seeds/kg
M = 5500-6500 seeds/kg
S = >6500 seeds/kg

SOIL TYPE RECOMMENDATIONS
ALL = All Soil Types
CL-C = Clay Loam, Clay
L-CL = Loam, Clay Loam
SL-CL = Sandy Loam, Loam, Clay Loam

SOYBEAN CYST NEMATODE LEGEND
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CROP STAGING GUIDE

GROWTH STAGE

Pre-Emergence

VE VC V1 V2 V3 R1 R3 R5 R8

SEED TREATMENT

ACCELERON SEED APPLIED SOLUTIONS

Allegiance

EverGol Energy

STRESS SHIELD

APPLICATION TIMING

sencor

Roundup XTEND2 with VaporGrip Technology

XTENDIMAX 2 with VaporGrip Technology

DELARO Complete

Application timing window

Optimal

Note: Please consult the individual product labels to ensure that your specific pest is controlled/ suppressed in the appropriate crop.

TAKE CHARGE TO MAXIMIZE YOUR SUCCESS WITH ROUNDUP XTEND 2 AND XTENDIMAX 2 HERBICIDES WITH VAPORGRIP TECHNOLOGY

Roundup Xtend® 2 and XtendiMax® 2 herbicides with VaporGrip® Technology are farm-tough, field-proven weed control solutions custom tailored to optimize results with the Roundup Ready® Xtend Crop System. Roundup Xtend 2 and XtendiMax 2 deliver the same level of control you trust as the original Roundup Xtend and XtendiMax with the benefits of higher concentrated formulations for greater ease of use.

WITH ROUNDUP XTEND 2 AND XTENDIMAX 2 YOU GET:

- Higher concentrated formulations
- Reduces early-weed competition through short-term soil residual activity
- Fights against herbicide resistance (including control of glyphosate-resistant weeds* like Canada fleabane)
- Reduced volatility through VaporGrip Technology
- Unlocks full weed management potential of Roundup Ready Xtend Crop System

*See labels for weeds controlled

ROUNDUP XTEND 2: CONVENIENT PRE-MIX OF GLYPHOSATE AND DICAMBA

XTENDIMAX 2: STANDALONE DICAMBA FORMULATION

DELARO COMPLETE OUT TOUGHS THE TOUGHEST CORN AND SOYBEAN DISEASES

Triple-action Delaro® Complete fungicide adds an additional mode of action for even better protection against major corn and soybean diseases including control of tar spot and protection against white mould.

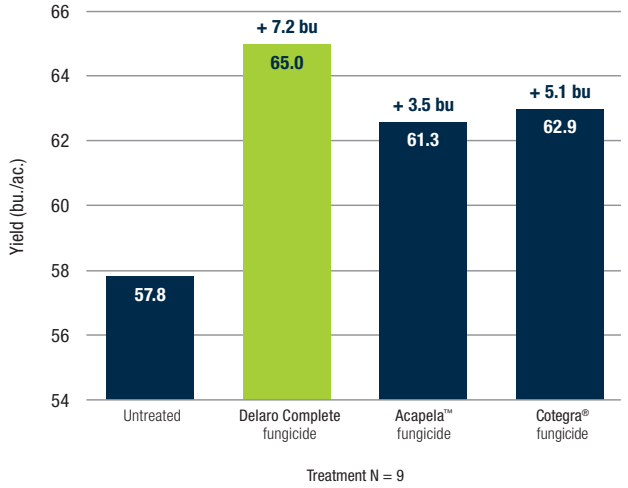
DELARO® Complete

WITH DELARO COMPLETE YOU GET:

- A Group 7 active, fluopyram, which offers excellent protection in high-disease situations
- Effective, broad-spectrum control of major corn and soybean diseases

Image from FieldView™ showing yield performance of soybean field after application of Delaro Complete.

3 YEAR SOYBEAN COMPETITIVE FUNGICIDE SMALL PLOT YIELDS – MODERATE/HIGH PRESSURE LOCATIONS



Source: 9 Bayer Market Development small plot trials 2020 (n=3), 2021 (n=2 ON, n=3 QC), 2022 (n=1).
Your results may vary depending on agronomic, environmental and pest pressure variables.

PROTECT YOUR SOYBEAN SEEDS' PERFORMANCE

ACCELERON® SEED APPLIED SOLUTIONS

Seed treatment options for DEKALB® soybeans

Maximize your soybean's potential with superior protection and greater flexibility. Choose the Acceleron® package that's right for your field.

PROTECTION	ACCELERON® SEED APPLIED SOLUTIONS BASIC		ACCELERON® SEED APPLIED SOLUTIONS STANDARD	
FUNGICIDE	✔	✔	✔	✔
INSECTICIDE			✔	✔
BIO-ENHANCER		✔		✔

FUNGICIDE

Excellent control of soil- and seed-borne disease including rhizoctonia, pythium, fusarium, phomopsis and phytophthora

INSECTICIDE

Protection from early-season pests such as bean leaf beetles, soybean aphids, seed corn maggots and wireworms

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 make nutrients available to plants, helping maximize yield potential. 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.

BAYER

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** is a combination of prothioconazole, penflufen, metalaxyl and insecticide of either imidacloprid or tetraniliprole and flupyradifurone. Optimize® ST inoculant is included seamlessly with both **BASIC** and **STANDARD** offerings.

PREPARING FOR NEXT YEAR

FALL – HARVEST

- Harvest is your opportunity to evaluate your DEKALB® hybrid and variety performance for the year
- Keep track of yield, moisture, weather conditions, standability and harvest date, as well as combine speed all to help you analyze this year in preparation for next year

WINTER – PLANNING

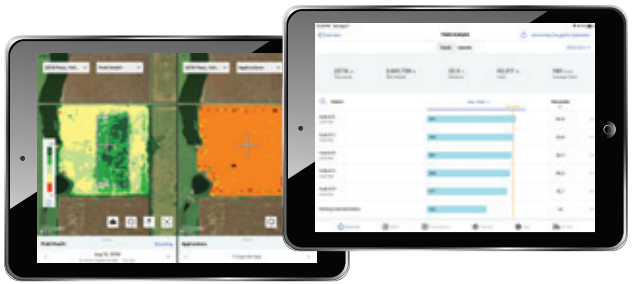
- When you have all your information in one place, it can be easily analyzed to help you choose the best hybrids or varieties for next season
- Review factors that may have affected your crop performance over the past year from spring conditions, planting populations, in-season applications, to harvest date
- Share your results easily with your trusted DEKALB partner or retailer
- You can access localized trial results from the Bayer Market Development team at **DEKALB.ca** to support your on-farm data
- Create custom variable rate seeding prescriptions for your DEKALB corn tailored to your fields using FieldView™ Seed Scripts or upload your own scripts right into FieldView
- Create variable rate fertility scripts using Field Health Imagery, previous scripts or your own field zones, or upload your own scripts right into FieldView
- Work with your trusted DEKALB partner to identify check strips or adjust zones

HARVEST SEPT – OCT – NOV

PLANNING DEC – JAN – FEB

FIELDVIEW™ DRIVE & FIELDVIEW™ CAB (HARVEST)

YIELD ANALYSIS & MAPBOOK



SEED SCRIPTS & MANUAL SCRIPTS FOR SEED, FERTILITY AND CROP PROTECTION

HAPPENS ALL YEAR LONG.

SPRING – PLANTING

- A lot of factors go into seed decisions every year: hybrid or variety, seeding date, seed treatment and fertility plans. FieldView™, along with your trusted DEKALB® partner, helps you create and execute a crop plan tailored for your fields and track it throughout the season to manage any changes.
- Upload your hybrids into your seed shed ahead of spring seeding to make it easier to capture seeding data in real time
- Run your variable rate fertility and seed scripts with FieldView, to optimize your inputs and track performance
- Set up and manage trials or plots to easily evaluate the year's top performers

SUMMER – GROWING

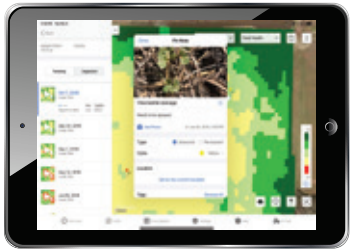
- Continue to manage your crop plan and record any changes to create field reports and tracking
- Use scouting tools to identify any points of interest in your field and easily share that data with your crop team
- Begin to monitor field drydown and vegetation using Field Health Imagery to help determine field harvest order and crop maturity for your DEKALB products

PLANTING MAR – APR – MAY

GROWING JUN – JUL – AUG

FIELDVIEW™ DRIVE & FIELDVIEW™ CAB (PLANTING, AS APPLIED)

DISEASE MANAGEMENT, IMAGERY, SCOUTING



FIELDVIEW™

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 help ensure 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. We continue to combine our genetics and our agronomic knowledge of our seed lineups with crop protection and the 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.

DEKALB SEEDS HAVE TO PASS OUR TEST BEFORE THEY PASS YOURS.

Source: 2018-2022 Bayer Market Development full-scale field trials across Canada.

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**.

Scan for more information about DEKALB trials and product performance.

RECORD KEEPING MADE EASY

STORE YOUR DATA IN ONE PLACE WITH THE FIELDVIEW™ 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 in the FieldView™ Cab app 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 for data driven agronomic discussions.

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

BayerValue™

BAYERVALUE™ EAST REWARDS PROGRAM

SAVINGS THAT GROW FROM SEED TO HARVEST

The BayerValue Rewards Program lets you maximize your savings on every acre. It's never been easier to save. Visit GrowerPrograms.ca to find out more.

NOT A BAYERVALUE MEMBER YET?

It only takes a few minutes. Sign up today and save on the crop protection products you need all-season long. Visit GrowerPrograms.ca or call 1 888-283-6847 to join BayerValue today. Terms and conditions apply.

NOTES

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] EAR TYPE
Flex-ear corn products are best suited for lower populations, as they have the ability to adjust ear size depending on growing conditions, and yield well at lower populations. Fixed-ear products generally show increased yield as seeding rate increases, but are less able to 'flex' if the final stand is less than intended.

[3] 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.

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

Either no adverse effects from hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions.

SOYBEAN

PRR FIELD TOLERANCE
A rating of the plant survival and health for phytophthora root rot

PRR RESISTANCE GENE
*Rps*1c 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

*Rps*1k 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

*Rps*3a 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

** denotes partial genes that are not fully homozygous

SOYBEAN CYST NEMATODE RESISTANCE
SUSC = SUSCEPTIBLE
R1 = RESISTANT TO RACE 1 SCN
R3 = RESISTANT TO RACE 3 SCN
MR3 = MODERATELY RESISTANT TO RACE 3

Insect Resistance Management
Planting Refuges, Preserving Technology

Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Bayer Technology Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

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.

Roundup Ready 2 TECHNOLOGY | LIBERTY LINK | Roundup Ready 2 YIELD TECHNOLOGY

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

@Bayer4CropsCA @DEKALB_Canada

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