2019 SEED GUIDE

EASTERN CANADA

MIKE & SAMANTHA MILLER
3rd Generation
Rodney, ON

To view the Miller's full story, visit:
DEKALB.CA/farmer-stories

"Everything we do is to make sure the opportunities we had growing up are still here for our kids."

ALL SEASON STRONG

ROUNDUP READY® XTEND CROP SYSTEM

Roundup Ready 2 Xtend® soybeans combine the proven yield potential of the Genuity® Roundup Ready 2 Yield® soybean trait, along with tolerance to both dicamba and glyphosate. The residual activity of dicamba can reduce early weed competition and improve late-season control, supporting higher yield potential and cleaner fields at harvest. **Combined with the newest genetics from DEKALB, you can get the variety that best suits the agronomic needs of your farm.**

Roundup Ready® Xtend Crop System

IT'S THE SYSTEM THAT MAKES THE DIFFERENCE

ROUNDUP READY 2 XTEND® SOYBEANS

Roundup Ready 2 Xtend® soybeans combine the proven yield potential of the Genuity® Roundup Ready 2 Yield® soybean trait, along with tolerance to both dicamba and glyphosate.

+

TWO CHEMISTRY OPTIONS

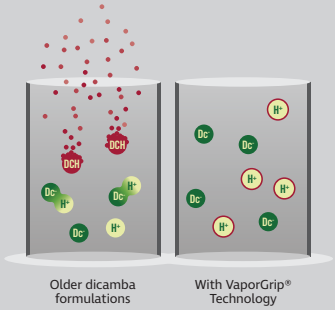
The Roundup Ready® Xtend Crop System gives you the choice of two enhanced chemistry options:

Roundup Xtend® herbicide with VaporGrip® Technology (Group 4 and 9): a pre-mix of our low-volatility dicamba formulation and glyphosate.

XtendiMax® herbicide with VaporGrip® Technology (Group 4): a low-volatility dicamba formulation.

These herbicides also give you up to 14 days of residual activity on certain small-seeded broadleaf weeds to keep fields clean longer.

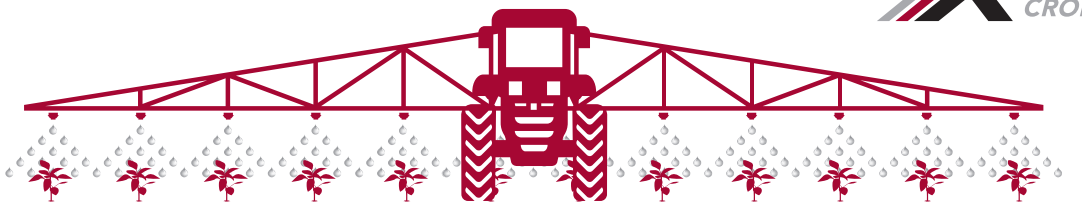
+



VAPORGRIP® TECHNOLOGY

Our liquid dicamba formulation features VaporGrip® Technology. In older dicamba formulations, dicamba ions combine with free hydrogen ions to form volatile dicamba acid. VaporGrip® Technology prevents dicamba ions from combining with hydrogen ions, significantly reducing volatility.

Application Requirements



NOZZLES	WEED HEIGHT	LABEL BUFFER	GROUND SPEEDS	TRIPLE RINSE	BOOM HEIGHT	WIND SPEED	AMMONIUM SULFATE	WATER VOLUME
Use nozzles and operating pressures that produce Extremely Coarse (XC) to Ultra Coarse (UC) droplets to minimize drift	Spray weeds less than 10 cm tall	Maintain the required label buffer to protect sensitive areas	Make sure ground speed is less than 25 km/h	Use triple rinse tank clean-out procedure	Maintain boom height 50 cm above crop canopy to reduce the risk of drift	Optimal wind speeds for application typically occur between 5 and 15 km/h	Ammonium sulfate and ammonium-based additives are restricted in applications	Minimum carrier volume is 10 GPA

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Proper herbicide application is crucial. Further information for spraying on target and minimizing drift can be found at: https://www.genuitytraits.ca/en/soybeans

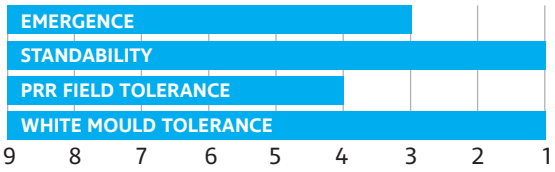
DKB0005-44 000.5 RM 2175 CHU

NEW

- Excellent tolerence to White Mould
- Very good field tolerance to Phytophthora Root Rot (Rps 1c) and Brown Stem Rot
- Branchy, medium height with excellent standability
- Similar to 22-60RY with more height
- Ultra-early variety, which should be placed in appropriate maturity zone

SCN

ROUNDUP READY 2 XTEND SOYBEANS



DKB0009-89 000.9 RM 2275 CHU

NEW

- Bushy and branches well, medium height variety with excellent standability
- Good defensive disease package with resistance to Soybean Cyst Nematode (R3), very good field tolerance to Phytophthora Root Rot (Rps 1c & 1k), and excellent tolerance to White Mould
- Broader acre fit than 22-60RY
- An excellent Roundup Ready 2 Xtend® variety variety in early maturity zones
- May shorten up on clay soils

SCN

ROUNDUP READY 2 XTEND SOYBEANS

DKB003-29 00.3 RM 2375 CHU

- Medium-to-tall height, branchy variety
- Resistance to Soybean Cyst Nematode (R3)
- Excellent tolerance to White Mould
- Well suited to tough, low productivity growing conditions as well as high yield environments

SCN

ROUNDUP READY 2 XTEND SOYBEANS

DKB005-52 00.5 RM 2425 CHU

- Medium-to-tall height with excellent standability
- Excellent agronomic package
- Excellent tolerance to White Mould
- Resistance to Soybean Cyst Nematode (R3)
- Excellent field tolerance to Phytophthora Root Rot (Rps 1c)
- Well suited to all soil types and row widths

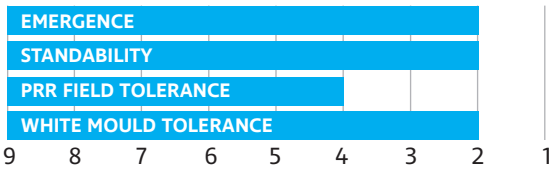
SCN

ROUNDUP READY 2 XTEND SOYBEANS

DKB006-29 00.6 RM 2450 CHU

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

ROUNDUP READY 2 XTEND SOYBEANS



DKB006-99 00.6 RM 2450 CHU

NEW

- Resistance to Soybean Cyst Nematode (R3) with very good field tolerance to Phytophthora Root Rot (Rps 3a)
- Bushy plant which branches well
- Best suited to wide rows and lower populations
- Well suited to tougher growing conditions

SCN

ROUNDUP READY 2 XTEND SOYBEANS

NOTE: For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 17.

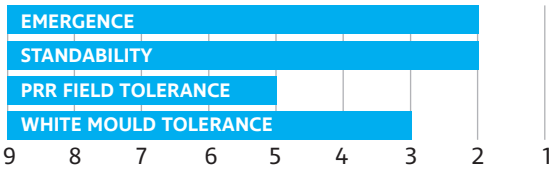
DKB007-67 00.7 RM 2475 CHU

NEW

- Resistance to Soybean Cyst Nematode (R3) with good field tolerance to Phytophthora Root Rot (Rps 3a)
- Similar branching to DKB005-52 with excellent standability and very good early season vigour
- Very good tolerance to White Mould and will perform well on all soil types

SCN

ROUNDUP READY 2 XTEND SOYBEANS



DKB008-81 00.8 RM 2500 CHU

- Excellent standability
- Very good field tolerance to Phytophthora Root Rot
- Best suited to narrow to medium row widths
- Excellent agronomic package
- Has the potential to excel in high fertility conditions where excessive growth is a concern

ROUNDUP READY 2 XTEND SOYBEANS

DKB01-11 0.1 RM 2575 CHU

- Resistance to Soybean Cyst Nematode (R3) with a very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Medium plant height with an excellent agronomic package
- Well suited to all soil types and row widths
- Will be well suited to high fertility situations
- Very good tolerance to White Mould

SCN

ROUNDUP READY 2 XTEND SOYBEANS

DKB04-41 0.4 RM 2625 CHU

- Excellent standability and White Mould tolerance
- Excellent field tolerance to Phytophthora Root Rot (Rps 1c)
- Medium height, branchy, well suited to all soil types and best suited to narrow to medium row widths

ROUNDUP READY 2 XTEND SOYBEANS

DKB06-43 0.6 RM 2700 CHU

- Medium height, branchy variety, with excellent standability
- Resistance to Soybean Cyst Nematode (R3)
- Excellent field tolerance to Phytophthora Root Rot (Rps 1c)
- Very good tolerance to Brown Stem Rot
- Well suited for all soil types and wide rows
- Fits well in no-till systems

SCN

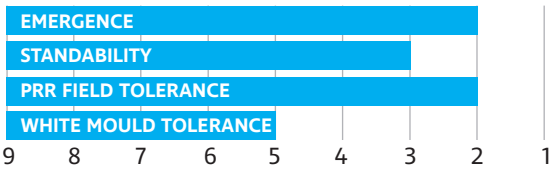
ROUNDUP READY 2 XTEND SOYBEANS

DKB09-91 0.9 RM 2775 CHU

- Resistance to Soybean Cyst Nematode (R3)
- Rps 3a gene and excellent field tolerance to Phytophthora Root Rot (Rps 3a)
- Well suited to wide rows and tougher growing conditions
- Medium-to-tall, branchy variety best suited to no-till situations

SCN

ROUNDUP READY 2 XTEND SOYBEANS



NOTE: For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 17.

DKB12-57 1.2 RM 2875 CHU

- Medium-to-tall height, branchy variety, best suited to wide rows
- Resistance to Soybean Cyst Nematode (R3)
- Very good field tolerance to Phytophthora Root Rot (Rps 1c & 3a)
- Very good White Mould tolerance
- Suitable for all soil types and agronomic situations

SCN

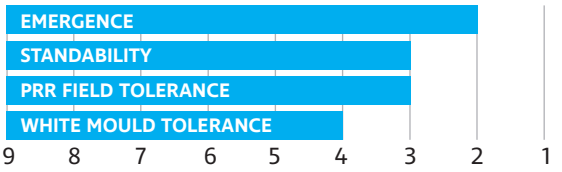
ROUNDUP READY 2 XTEND SOYBEANS

DKB14-41 1.4 RM 2925 CHU

- Medium-to-tall height, very robust and branchy variety
- Resistance to Soybean Cyst Nematode (R3), Sudden Death Syndrome and Brown Stem Rot
- Has shown the ability to excel in no-till environments and wide rows

SCN

ROUNDUP READY 2 XTEND SOYBEANS



DKB17-34 1.7 RM 3000 CHU

- Tall height variety, well suited to all soil types and row widths
- Resistance to Soybean Cyst Nematode (R3)
- Excellent field tolerance to Phytophthora Root Rot (Rps 1c)
- Very good tolerance to While Mould
- Will perform well in both tough growing conditions as well as productive soils

SCN

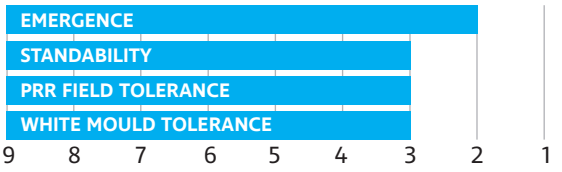
ROUNDUP READY 2 XTEND SOYBEANS

DKB20-14 2.0 RM 3075 CHU

- Very good standability
- Excellent seedling vigour and emergence
- Resistance to Soybean Cyst Nematode (R3)
- Very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Very good tolerance to Brown Stem Rot
- Suitable for all growing conditions including no-till clay situations

SCN

ROUNDUP READY 2 XTEND SOYBEANS



DKB21-11 2.1 RM 3100 CHU

- Tall height, very branchy variety with excellent standability
- Very good tolerance to White Mould
- Well suited to highly productive loam soils

SCN

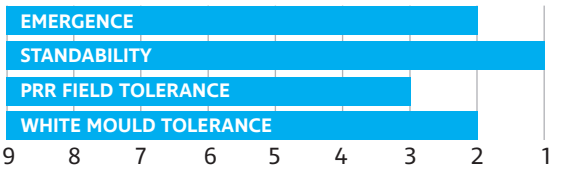
ROUNDUP READY 2 XTEND SOYBEANS

DKB22-21 2.2 RM 3125 CHU

- Resistance to Soybean Cyst Nematode (R3)
- Very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Excellent standability on all soils
- Excellent White Mould tolerance
- Well suited to highly fertile soils

SCN

ROUNDUP READY 2 XTEND SOYBEANS



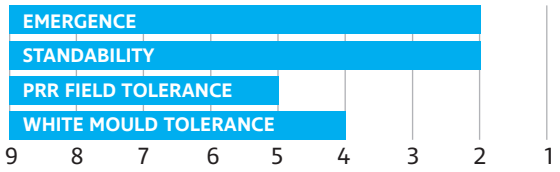
NOTE: For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 17.

DKB22-31 2.2 RM 3125 CHU

- Medium-to-tall height variety with excellent standability
- Resistance to Soybean Cyst Nematode (R3)
- Excellent tolerance to Sudden Death Syndrome and Brown Stem Rot
- Well suited to wide rows and tougher growing conditions

SCN

ROUNDUP READY 2 XTEND SOYBEANS

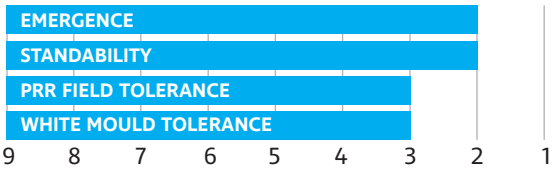


DKB24-97 2.4 RM 3175 CHU

- Medium-to-tall variety with excellent standability
- Excellent emergence and very good seedling vigour
- Resistance to Soybean Cyst Nematode (R3)
- Very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Very good tolerance to Charcoal Rot and Brown Stem Rot
- Suitable for all agronomic situations including no-till environments

SCN

ROUNDUP READY 2 XTEND SOYBEANS

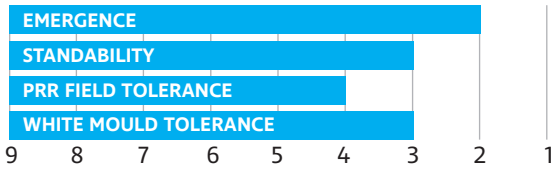


DKB26-61 2.6 RM 3225 CHU

- Tall plant, excellent no-till adaptability
- Well suited to all row widths and soil types
- Peking resistance source for Soybean Cyst Nematode (R1 & R3)
- Excellent disease package

SCN

ROUNDUP READY 2 XTEND SOYBEANS

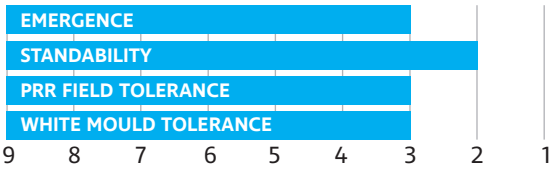


DKB28-81 2.8 RM 3275 CHU

- Broad acre variety that will fit all soil types and agronomic situations
- Resistance to Soybean Cyst Nematode (R3)
- Very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Excellent tolerance to Sudden Death Syndrome and Brown Stem Rot
- Excellent standability
- Very good tolerance to White Mould

SCN

ROUNDUP READY 2 XTEND SOYBEANS



DKB32-21 3.2 RM 3375 CHU

- Resistance to Soybean Cyst Nematode (R3)
- Tall plant, well suited to all row widths and soil types
- Good disease package
- Full season product that will excel in no-till situations

SCN

ROUNDUP READY 2 XTEND SOYBEANS

DKB33-54 3.3 RM 3400 CHU

- Medium height variety, suitable for all soil types and yield environments
- Resistance to Soybean Cyst Nematode (R3)
- Excellent field tolerance to Phytophthora Root Rot (Rps 1k & 3a)
- Excellent tolerance to Sudden Death Syndrome and Brown Stem Rot
- Excels in very tough growing conditions

SCN

ROUNDUP READY 2 XTEND SOYBEANS

NOTE: For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 17.

22-60RY 000.9 RM 2275 CHU

- Resistance to Soybean Cyst Nematode (R3)
- Very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Best suited for narrow row widths and higher populations

SCN

genuity ROUNDUP READY 2 YIELD® SOYBEANS

23-11RY 000 RM 2300 CHU

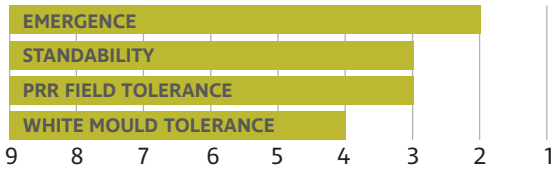
- Very good field tolerance to Phytophthora Root Rot (Rps 1c)
- Medium-to-tall variety, well suited to tougher growing conditions
- Performs well on all soil types, in all yield environments

genuity ROUNDUP READY 2 YIELD® SOYBEANS

23-60RY 00.2 RM 2350 CHU

- Very tall, bushy variety which stands well
- Excellent emergence and early season vigour
- Well suited to clay soils
- Good yield performance over a number of years (2013-2017 Monsanto Field Data in Eastern Canada)

genuity ROUNDUP READY 2 YIELD® SOYBEANS



24-10RY 00.5 RM 2425 CHU

- Excellent standability
- Excellent tolerance to White Mould
- Performs best on clay to clay-loam soils, in all yield environments

genuity ROUNDUP READY 2 YIELD® SOYBEANS

25-10RY 00.8 RM 2500 CHU

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

genuity ROUNDUP READY 2 YIELD® SOYBEANS

26-14RY 0.2 RM 2600 CHU

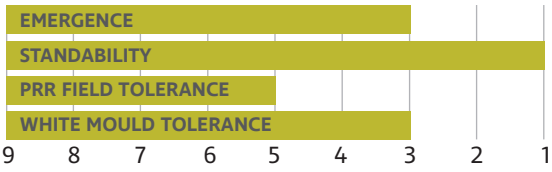
- Excellent field tolerance to Phytophthora Root Rot
- Well suited to wider rows and heavier soils
- Performs best in no-till, low yield environments
- If growing in conventional tillage situations, keep in row widths above 7″

genuity ROUNDUP READY 2 YIELD® SOYBEANS

NOTE: For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 17.

26-10RY 0.4 RM 2650 CHU

- Excellent yield potential with very good stress tolerance
- Suitable for all soil types and yield environments
- Very good tolerance to White Mould
- Excellent standability

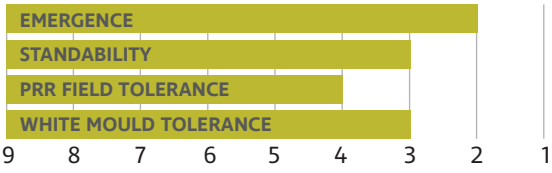


27-12RY 0.6 RM 2700 CHU

- Solid agronomics with top end yield potential
- Excellent tolerance to White Mould
- Excellent stress and disease tolerance
- Fine stemmed plant that branches well
- Good drought tolerance

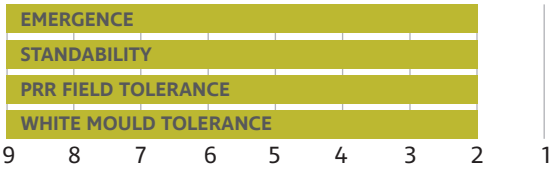
27-62RY 0.8 RM 2750 CHU

- Excellent emergence and very good early season vigour
- Very good field tolerance to Phytophthora Root Rot
- Very good stress tolerance
- Great fit for no-till, keep off loam soils or highly productive fields with history of manure



28-15RY 1.0 RM 2800 CHU

- Excellent tolerance to White Mould
- Excellent emergence and standability
- Excellent field tolerance to Phytophthora Root Rot (Rps 1c)
- Well suited to all soil types and row widths
- Well suited to high yield environments at lower populations



28-60RY 1.1 RM 2850 CHU

- Excellent emergence and early season growth
- Resistance to Soybean Cyst Nematode (R3)
- Adaptable variety that moves south well as an early variety
- Performs well at medium to low populations
- Very good choice for no-till

NOTES

NOTE: For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 17.

VARIETIES	PLANT CHARACTERISTICS					SEED QUALITIES			PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
DEKALB® Brand Soybeans	Value Added Trait	Relative Maturity*	CHU	Plant Height	Pubescence	Hilium Colour	Avg. Seed Size Category	Average Seed Per KG	Standability	Emergence	Seedling Vigour	No-Till Adaptability	Soil Type	7"	15"	30"	PRR Field Tolerance*	PRR Resistance Gene*	White Mould Tolerance	Brown Stem Rot	Sudden Death Syndrome	Soybean Cyst Nematode*
NEW NEW DKB0005-44	RR2X/SCN	000.5	2175	M	T	BL	–	–	1	3	3	2	ALL	•	•	•	4	Rps 1c	1	4	–	R3
NEW DKB0009-89	RR2X/SCN	000.9	2275	M	T	BL	–	–	2	4	3	3	ALL	•	•	•	4	Rps 1c & 1k	1	8	–	R3
22-60RY	GENRR2Y/ SCN	000.9	2275	S	T	BL	M	5800	1	3	3	3	ALL	•	•		3	Rps 1c	2	1	–	R3
23-11RY	GENRR2Y	000	2300	M-T	T	BL	M	5900	3	3	3	3	ALL	•	•	•	4	Rps 1c	3	1	–	Susc
23-60RY	GENRR2Y	00.2	2350	T	T	BL	M	5800	3	2	2	2	ALL	•	•	•	3	–	4	–	–	Susc
DKB003-29	RR2X/SCN	00.3	2375	M-T	T	BL	–	–	3	2	3	2	ALL	•	•	•	–	–	2	4	–	R3
24-10RY	GENRR2Y	00.5	2425	M-T	G	IB	L	5100	2	3	3	2	SL-CL	•	•		3	Rps 1k	2	5	–	Susc
DKB005-52	RR2X/SCN	00.5	2425	M-T	LT	BL	M	5700	2	3	3	3	ALL	•	•	•	2	Rps 1c	2	5	–	R3
DKB006-29	RR2X	00.6	2450	M-T	T	BL	–	–	2	2	4	2	ALL	•	•	•	4	Rps 1k	2	6	–	Susc
NEW NEW DKB006-99	RR2X/SCN	00.6	2450	M	LT	BL	–	–	2	2	3	3	ALL		•	•	4	Rps 3a	4	6	–	R3
NEW DKB007-67	RR2X/SCN	00.7	2475	M	T	BL	–	–	2	2	3	3	ALL	•	•	•	5	Rps 3a	3	6	–	R3
DKB008-81	RR2X	00.8	2500	M	G	GR	S	6700	1	3	3	4	SL-CL	•	•		3	–	2	4	–	Susc
25-10RY	GENRR2Y	00.8	2500	T	T	BL	L	5400	2	2	2	2	ALL	•	•	•	3	Rps 1c	3	5	–	Susc
DKB01-11	RR2X/SCN	0.1	2575	M	T	BL	L	5100	2	2	2	2	ALL	•	•	•	3	Rps 1c	3	5	–	R3
26-14RY	GENRR2Y	0.2	2600	T	T	BL	M	5800	4	2	1	2	CL-C	•	•	•	2	–	5	6	–	Susc
DKB04-41	RR2X	0.4	2625	M	G	GR	M	6100	1	3	2	3	SL-CL	•	•		2	Rps 1c	2	2	–	Susc
26-10RY	GENRR2Y	0.4	2650	M	G	GR	M	5600	1	3	2	3	SL-CL	•	•		5	–	3	4	–	Susc
DKB06-43	RR2X/SCN	0.6	2700	M	T	BL	–	–	2	3	3	3	ALL	•	•	•	2	Rps 1c	4	3	–	R3

VARIETIES	PLANT CHARACTERISTICS					SEED QUALITIES			PRODUCTION CHARACTERISTICS					ROW WIDTH			DISEASE/PEST CHARACTERISTICS					
DEKALB® Brand Soybeans	Value Added Trait	Relative Maturity*	CHU	Plant Height	Pubescence	Hilium Colour	Avg. Seed Size Category	Average Seed Per KG	Standability	Emergence	Seedling Vigour	No-Till Adaptability	Soil Type	7"	15"	30"	PRR Field Tolerance*	PRR Resistance Gene*	White Mould Tolerance	Brown Stem Rot	Sudden Death Syndrome	Soybean Cyst Nematode*
27-12RY	GENRR2Y	0.6	2700	M-T	T	GR	L	4900	2	3	2	3	ALL	•	•	•	3	Rps 1c	2	3	–	Susc
27-62RY	GENRR2Y	0.8	2750	T	T	BR	L	5300	3	2	3	2	ALL	•	•	•	4	–	3	5	–	Susc
DKB09-91	RR2X/SCN	0.9	2775	M-T	LT	BR	L	5000	3	2	2	1	CL-C		•	•	2	Rps 3a	5	5	–	R3
28-15RY	GENRR2Y	1.0	2800	M-T	T	BL	L	5300	2	2	2	2	ALL	•	•	•	2	Rps 1c	2	6	–	Susc
28-60RY	GENRR2Y/ SCN	1.1	2850	T	T	BL	L	5300	4	2	2	1	CL-C		•	•	5	Rps 1k	4	1	–	R3
DKB12-57	RR2X/SCN	1.2	2875	M-T	LT	BL	–	–	2	3	3	2	ALL	•	•	•	3	Rps 1c & 3a	4	4	–	R3
DKB14-41	RR2X/SCN	1.4	2925	M-T	G	IB	L	4600	3	2	2	2	ALL	•	•	•	3	–	4	2	3	R3
DKB17-34	RR2X/SCN	1.7	3000	T	G	IB	–	–	3	3	2	3	ALL	•	•	•	2	Rps 1c	3	–	–	R3
DKB20-14	RR2X/SCN	2.0	3075	M-T	G	IB	–	–	3	2	2	2	ALL	•	•	•	3	Rps 1c	3	3	–	R3
DKB21-11	RR2X/SCN	2.1	3100	T	LT	BL	M	5900	3	3	3	2	CL-C	•	•	•	3	Rps 1c	4	3	3	R3
DKB22-21	RR2X/SCN	2.2	3125	M	G	IB	L	5100	1	2	3	2	SL-CL	•	•	•	3	Rps 1c	2	3	3	R3
DKB22-31	RR2X/SCN	2.2	3125	M-T	LT	BL	–	–	2	2	3	3	ALL	•	•	•	5	Rps 1c	4	2	2	R3
DKB24-97	RR2X/SCN	2.4	3175	M-T	G	IB	–	–	2	2	3	2	ALL	•	•	•	3	Rps 1c	3	3	4	R3
DKB26-61	RR2X/SCN	2.6	3225	T	T	BL	L	4800	3	2	2	2	ALL	•	•	•	4	Rps 1a/c	3	2	2	R1 & R3
DKB28-81	RR2X/SCN	2.8	3275	T	G	IB	L	5100	2	3	3	2	ALL	•	•	•	3	Rps 1c	3	2	2	R3
DKB32-21	RR2X/SCN	3.2	3375	T	G	IB	L	5400	3	3	2	2	ALL	•	•	•	3	Rps 1c	3	3	3	R3
DKB33-54	RR2X/SCN	3.3	3400	M	G	IB	–	–	2	2	2	2	ALL	•	•	•	2	Rps 1k & 3a	3	2	2	R3

Data compiled from Monsanto conducted field trials.

LEGEND

Plant Height
S = Short
M = Medium
T = Tall

Pubescence
G = Grey
T = Tawny
LT = Light Tawny

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

Value-Added Trait
GENRR2Y = Genuity®
Roundup Ready 2 Yield®
RR2X = Roundup Ready 2 Xtend®
SCN = Soybean Cyst Nematode

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

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

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

* = For more information, please refer to the legend on the last page of this guide.

Your Local DEKALB® Territory Account Managers

SOUTH WESTERN ONTARIO

Bill Lester
(226) 268-2963

SOUTH CENTRAL ONTARIO

Paul Peters
(519) 400-3462

WESTERN ONTARIO

Jason Veenstra
(226) 972-8169

CENTRAL ONTARIO

Dan Kaufman
(905) 572-0079

EASTERN ONTARIO/ WESTERN QUEBEC

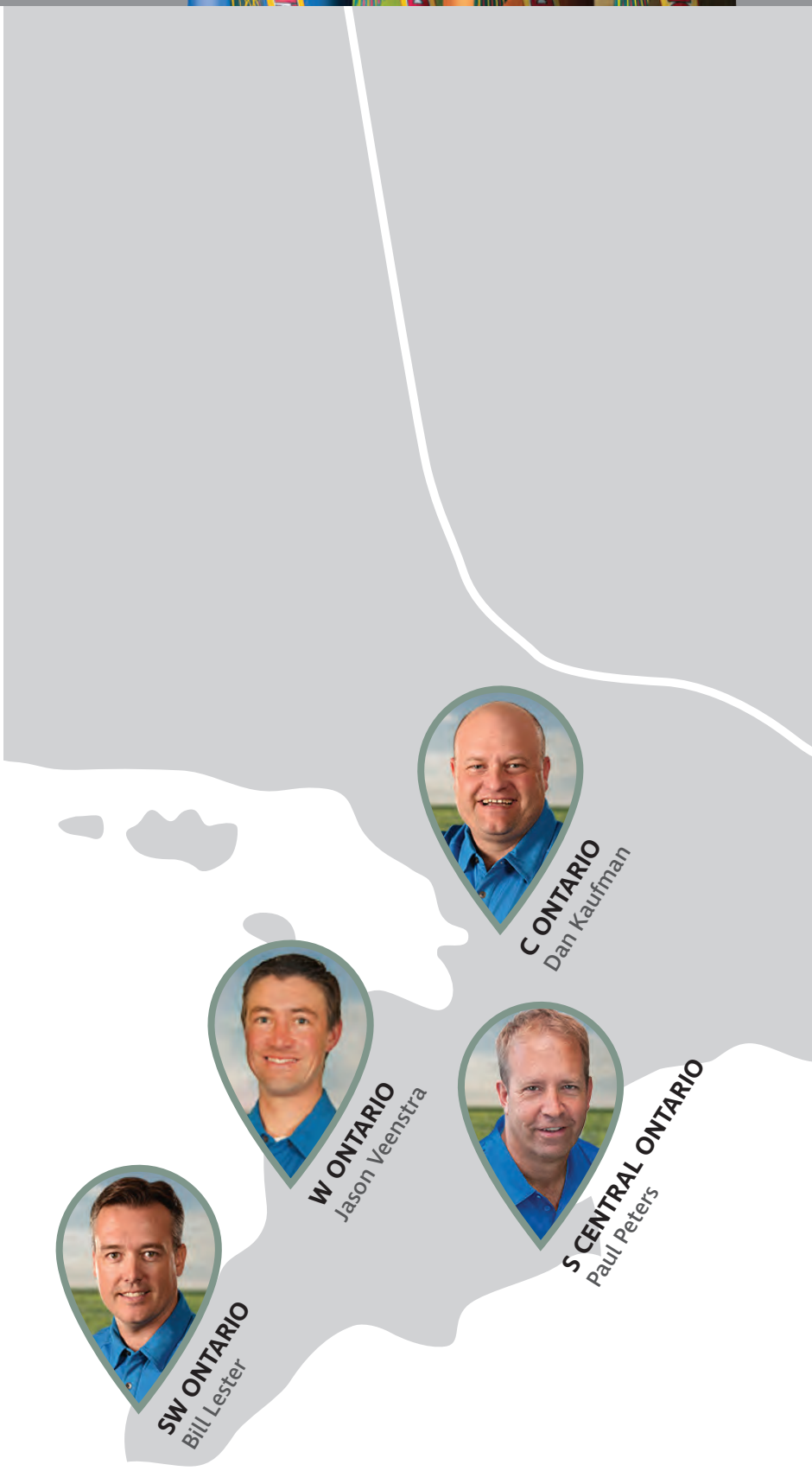
Jason MacCuaig
(613) 330-0410

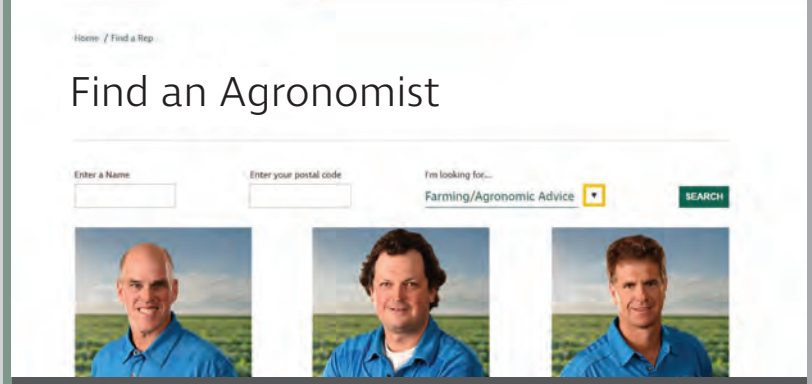
SOUTH SHORE QUEBEC

Magali Hunot
(450) 210-0536

MARITIMES

Mark Groen
(613) 404-1644





Visit DEKALB.ca and search by postal code to determine which one of us is the closest to you!

MARITIMES
Mark Groen

S SHORE QUEBEC
Magali Hunot

E ONTARIO/ W QUEBEC
Jason MacCuaig

If you have any questions about the DEKALB product lineup or would like more information on where you can buy DEKALB hybrids and varieties, we would love to hear from you! Wishing you a safe and successful season.

DEKALB® hybrids and varieties are tested for you, by you.

We confidently bring you the products in this seed guide thanks to the work of our DEKALB Agronomists and cooperating farmers through our Market Development (MD) Trial program. DEKALB brand hybrids and varieties have been extensively tested across Eastern Canada by farmers in real growing conditions. This results in a robust dataset for making decisions on your farm.

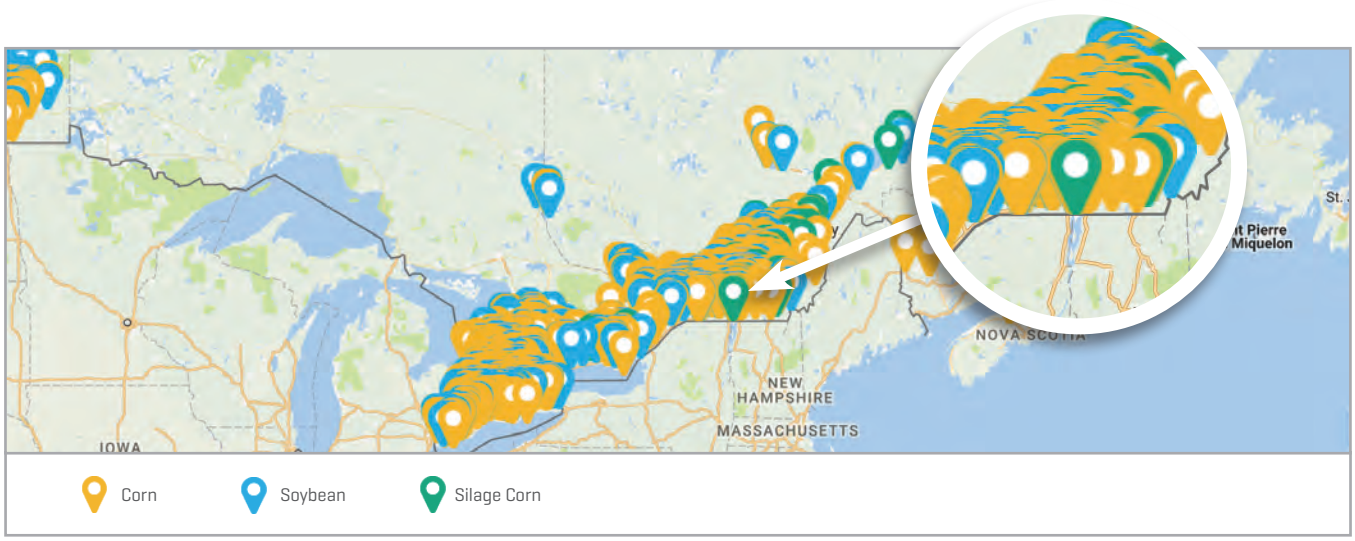
Three ways you can take advantage of these farmer-led MD Trials:

1. Tour a local MD Trial this summer

This summer, we invite you to tour MD Trials near you to see how our products perform in your local conditions. Call your local DEKALB Representative or 1-84-GO-DEKALB to find out more about tours in your area.

2. Visit DEKALB.ca for all local trial data

We are committed to gathering and transparently sharing harvest data with you. Visit DEKALB.ca to see how products perform near your farm.



3. Call your local DEKALB Representative for customized product recommendations for your farm

Our expert agronomists can use the data collected to provide you with customized hybrid or variety recommendations to suit the needs of your farm. If you are interested in learning more about an agronomic recommendation for DEKALB products on your farm, call your local DEKALB Territory Account Manager or find your local DEKALB Agronomist by visiting DEKALB.ca.

SEE THE Bigger Picture

CLIMATE FIELDVIEW™

Let Your Data Drive You

No two farms are the same. Your farm is as unique as you. Climate FieldView™ is an integrated digital platform that allows you to easily aggregate your field data in one easy to use software application. Simplify field data management. Climate FieldView is your data partner to support the decisions you make every day.

Get started today at ClimateFieldView.ca

Contact your DEKALB representative to learn more about Climate FieldView™.

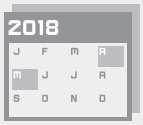
OUTSMART YOUR WEEDS IN 3 STEPS

Diversify your rotation.

1 UNDERSTAND
how herbicide resistance develops

A common theme of resistance includes predictable patterns. Continuously growing the same crop and relying on only one mode of action for weed control ***can eventually lead to resistance.***

2 SPICE UP YOUR MIX
Add another effective mode of action to the tank



Maximize early-season weed removal by including a tank-mix product with your pre-plant or pre-emergence glyphosate application. Consider including a residual product for extended early-season weed control.

3 DIVERSIFY YOUR CROP ROTATION
Break the pattern

Grow at least three different crops in rotation to break cycles of disease, insects and weeds.

What is another effective mode of action?

It's a second herbicide group that you can add to your spray tank with your glyphosate or first herbicide. Make sure both herbicide groups control the most difficult target weed. Tank mixing two or more effective modes of action will help reduce the selection pressure caused by using only one herbicide group.

Weeds outsmart habits, not systems. A diverse crop rotation gives you the opportunity to use different herbicide groups, which helps prevent resistance from developing.

Glyphosate-resistant giant ragweed in Ontario. Source: University of Guelph and Monsanto Canada, 2010

Here is a glyphosate-resistant giant ragweed infestation in a soybean field. This farmer continuously cropped this field with soybeans, did not use tillage and made multiple glyphosate-only applications.

Here is another field where a farmer used a three-crop rotation (Roundup Ready® corn, Genuity® Roundup Ready 2 Yield® soybeans and wheat), periodic tillage and tank mixes. Using these practices, the farmer successfully controlled glyphosate-resistant giant ragweed populations.

Visit MonsantoCMS.ca for more resistance insight and chemistry recommendations.

MONSANTO Crop Management Solutions

References:

CORN

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

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

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

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

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

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

SOYBEAN

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

PRR RESISTANCE GENE
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

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

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

LIBERTY LINK® CORN

Roundup Ready®2 TECHNOLOGY

Farmers who conduct DEKALB® Market Development trials are provided with seed at no charge.

PHILEMON LAWRENCE
4th Generation
Burtts Corner, NB

To view Philemon's full story, visit:
DEKALB.CA/farmer-stories

Local DEKALB® Dealer, Cedric Macleod of Hillview Farms Ltd. and local DEKALB® Territory Account Manager, Mark Groen scout one of Philemon's corn fields.