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

**DKB0005-44 000.5 RM 2175 CHU**
- Excellent tolerance 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

**DKB0009-89 000.9 RM 2275 CHU**
- Bushy and branches well, medium height variety
- 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

**DKB0003-29 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

**DKB005-52 00.5 RM 2425 CHU**
- Medium-to-tall height with excellent standability
- Excellent agronomic package
- Excellent tolerance to White Mould
- Well suited to all soil types and row widths

**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

**DKB006-99 00.6 RM 2450 CHU**
- 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

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 37.
**DKB 007-67** 0.7 RM 2475 CHU
- Resistance to Soybean Cyst Nematode (R3) with good field tolerance to Phytophthora Root Rot (Rps 3a)
- Similar branching to DKB 007-52 with excellent standability and very good early season vigour
- Very good tolerance to White Mould and will perform well on all soil types

**DKB 008-81** 0.8 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

**DKB 01-11** 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

**DKB 04-41** 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

**DKB 06-43** 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

**DKB 09-91** 0.9 RM 2775 CHU
- 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

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 37.
**SOYBEAN SEED SELECTIONS**

**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

**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

**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 White Mould
- Will perform well in both tough growing conditions as well as productive soils

**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

**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

**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

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 37.
**SOYBEAN SEED SELECTIONS**

**DKB 22-31**  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

**DKB 24-97**  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

**DKB 26-61**  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

**DKB 28-81**  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

**DKB 32-21**  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

**DKB 33-54**  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

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**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 37.
**SOYBEAN SEED SELECTIONS**

### 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**

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor. For more information on Phytophthora Root Rot resistance genes and races, go to page 37.

### 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)**

### 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**

### 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**

### 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**

### 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”**

### 9 8 7 6 5 4 3 2 1

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**EMERGENCE**

**STANDABILITY**

**PRR FIELD TOLERANCE**

**WHITE MOULD TOLERANCE**
SOYBEAN SEED SELECTIONS

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 37.
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## Soybeans

### Agronomic Ratings

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<td><strong>Plant Height</strong></td>
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**Data compiled from Monsanto conducted field trials.**

**Legend**

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<tr>
<th>Plant Height</th>
<th>Pubescence</th>
<th>Rating Scale</th>
<th>Value-Added Trait</th>
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<th>Soil Type Recommendations</th>
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<tr>
<td>S = Short</td>
<td>G = Grey</td>
<td>1-2 = Excellent</td>
<td>GENRR2Y = Genuity®</td>
<td>BR = Brown</td>
<td>CL-C = Clay Loam, Clay</td>
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<td>M = Medium</td>
<td>T = Tawny</td>
<td>3-4 = Very Good</td>
<td>Roundup Ready 2 Yield®</td>
<td>BF = Buff</td>
<td>ALL = All Soil Types</td>
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<td>T = Tall</td>
<td>LT = Light Tawny</td>
<td>5-6 = Good to Average</td>
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<td>IY = Imperfect Yellow</td>
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* = For more information, please refer to the legend on the last page of this guide.
DEKALB® Silage Ready™ Corn Hybrids

High quality and milk from every acre you grow.

For many years, Monsanto has been creating high-yielding corn silage options. Today, we offer products that suit your fields for maturity, disease and insect resistance, and deliver top quality silage and excellent milk per acre. Plus, you can count on us for hands-on agronomic advice that makes the most of your silage choice.

SILAGE READY™ hybrids undergo testing for a minimum of 2 years, over 5 sites, and must demonstrate the following attributes in their respective growing zones:

- Strong agronomic traits
- High yield potential
- High NDF digestibility
- High starch (digestible starch)
- High milk per tonne and milk per acre

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<th>HYBRID*</th>
<th>TRAIT</th>
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<th>CHU SILAGE CORN</th>
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<th>MILK/ACRE</th>
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</table>

* = The RIB designation refers to a RIB Complete® product.

Experimental and commercial corn silage hybrids are evaluated every year.

Value-Added Trait
RR2 = Roundup Ready® Corn 2
SS = SmartStax®
VT2P = VT Double PRO®
GENVT3P = Genuity® VT Triple PRO®

Rating Scale
1-2 = Excellent
3-4 = Very Good
5-6 = Good to Average
7-8 = Fair to Poor
9 = Poor
**DKC 23-17RIB  2075 CHU**
- Early flowering, early maturing
- Very good harvest appearance and agronomics; fast drydown
- Brings improved yield potential to its maturity zone
- Plant to target 36-38,000 plants per acre on highly productive ground
- Excellent stalk strength

**DKC 26-25  2125 CHU**
- Excellent emergence and early vigour
- Very good standability
- Flowers very early for maturity
- Medium-to-tall hybrid, strong dual purpose fit
- Strong staygreen and plant health through harvest
- Performs well across all soil types and yield environments

**DKC 27-54  2175 CHU**
- Excellent early season vigour
- Medium-to-tall hybrid
- Flowers late but will dry down to favour high test weight
- Excellent harvest appearance
- Performs well across all soil types and yield environments

**DKC 23-21  2075 CHU**
- Very good harvest appearance and agronomics; fast drydown
- Brings improved yield potential to its maturity zone
- Plant to target 36-38,000 plants per acre on highly productive ground

**DKC 26-40RIB  2150 CHU**
- Excellent emergence
- Strong disease package
- Excellent test weight
- Excellent late season appearance
- Fast drydown helps put this hybrid on the early side of its relative maturity
- Plant to target 36-38,000 plants per acre on highly productive ground

**DKC 27-55RIB  2200 CHU**
- Excellent early season vigour
- Medium-to-tall hybrid
- Flowers late but will dry down to favour high test weight
- Excellent harvest appearance
- Performs well across all soil types and yield environments
- Plant to target 36-38,000 plants per acre on highly productive ground

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor.
**PRODUCT** | **MANAGEMENT** | **PLANTING** | **GROWTH** | **HARVEST** | **HERBICIDE & DISEASE TOLERANCE** | **SILAGE RATINGS**
---|---|---|---|---|---|---
DEKALB® Brand Corn* | Value-Added Trait | CHU-Eastern Canada | Relative Maturity | Flowering Timing for Maturity | Emergence | Seedling Vigour | Root Strength | stalk Strength | Drought Tolerance | Plant Height | Staygreen | Drydown | Test Weight | Herbicide Safety* | Northern Corn Leaf Blight | Gray Leaf Spot | Eye Spot | Common Rust | Anthracnose Stalk Rot | Silage Yield | Milk per Tonne | Milk per Acre

| **PRODUCT** | **MANAGEMENT** | **PLANTING** | **GROWTH** | **HARVEST** | **HERBICIDE & DISEASE TOLERANCE** | **SILAGE RATINGS**
---|---|---|---|---|---|---
DKC23-17RIB | VT2P | 2075 | 73 | Early | 36-38 | 3 | 4 | 3 | 2 | 3 | M | 2 | 2 | 1 | ✔ | 4 | - | 3 | 4 | 5 | 2 | 3 | 2
DKC23-21 | RR2 | 2075 | 73 | Avg | 36-38 | 3 | 3 | 3 | 3 | 3 | M | 2 | 2 | 2 | ✔ | 5 | - | 3 | 4 | 4 | 3 | 4 | 2
DKC26-25 | RR2 | 2125 | 76 | Late | 34-36 | 3 | 2 | 3 | 3 | 3 | M-T | 3 | 3 | 3 | GR/IS | 5 | 4 | 3 | 2 | 4 | 2 | 4 | 2
DKC26-40RIB | VT2P | 2150 | 76 | Late | 36-38 | 2 | 2 | 3 | 2 | 2 | M-T | 2 | 2 | 1 | ✔ | 4 | - | 4 | 5 | 1 | 2 | 1
DKC27-54 | RR2 | 2175 | 77 | Avg | 36-38 | 2 | 2 | 4 | 4 | 3 | M-T | 3 | 3 | 1 | GR | 3 | - | 3 | 2 | 5 | 4 | 2 | 4
DKC27-55RIB | VT2P | 2200 | 77 | Avg | 36-38 | 2 | 2 | 3 | 3 | 3 | M-T | 3 | 3 | 1 | GR | 3 | - | 3 | 2 | 5 | 2 | 1 | 1

**LEGEND**

- **Plant Height**
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  - M = Medium
  - T = Tall

- **Rating Scale**
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  - 5-6 = Good to Average
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- **Value-Added Trait**
  - RR2 = Roundup Ready® Corn 2
  - SS = SmartStax®
  - VT2P = VT Double PRO®
  - GENVT3P = Genuity® VT Triple PRO®

- **Herbicide Safety**
  - GR = Adverse effects from Growth Regulator Herbicides (Banvel®, Clarity, Marksman®, 2,4-D)
  - SU = Adverse effects from Sulfonylurea Herbicides (Accent®, Elim®, Ultim®)
  - IS = Adverse effects from Isoxaflutole Herbicides (Converge®)

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

* = The RIB designation refers to a RIB Complete® product.

1, 2, 3 = For more information, please refer to the legend on the last page of this guide.

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**DUAL MODES OF ACTION TO CONTROL ABOVE GROUND PESTS WITH THE CONVENIENCE OF REFUGE IN THE BAG.**

VT Double PRO® RIB Complete® provides dual modes-of-action for above-ground protection for control of European corn borer, corn earworm and fall armyworm and has a reduced refuge requirement to just 5% of planted acres. Losing just 3 kernels per ear can equal 1 lost bushel per acre. Protect your yield with VT Double PRO RIB Complete Corn.
**DKC29-89RIB  2275 CHU**
- Excellent drydown and harvest appearance
- Excellent root and stalk strength
- Late flowering timing for maturity but dries down very quickly

**DKC30-19RIB  2300 CHU**
- Excellent fall health with a large harvest window for silage
- Performs well across all soil types and yield environments
- Excellent test weight corn that holds quality well
- Performs well in clay and at high populations
- Best suited to high yield environments
- Excellent harvest appearance
- Excellent early emergence and very good seedling vigour
- Very good disease tolerance
- Excellent stalks

**DKC30-07RIB  2350 CHU**
- Excellent late season health
- Medium-to-tall Silage Ready™ hybrid
- Excellent harvest appearance and top end yield potential
- Excellent plant health for quality silage and grain
- Excellent root and stalk strength
- Stable hybrid in all soil types
- Performs well in clay and at high populations

**DKC31-07  2375 CHU**
- Medium-to-tall hybrid with excellent harvest appearance and top end yield potential
- Excellent silage features, including: high yield, starch and milk per acre
- Preference for mid-range final populations 34-36,000
- Very good staygreen and late season plant health
- Very good drought tolerance
- Performs well across all soil types and yield environments
- Excellent test weight

**DKC31-09RIB  2400 CHU**
- Medium-to-tall hybrid with excellent harvest appearance and top end yield potential
- Excellent Silage Ready™ features, including: high yield potential, starch and milk per acre
- Preference for mid-range final populations 34-36,000
- Good choice for short season corn on corn rotation

**DKC33-78RIB  2400 CHU**
- Solid agronomics with excellent stalks, standability and drydown
- Top end yield potential
- Very good staygreen and late season plant health
- Very good drought tolerance
- Performs well across all soil types and yield environments
- Excellent test weight

**LEGEND**

**Plant Height**
- S = Short
- M = Medium
- T = Tall

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor.
LEGEND

Value-Added Trait
RR2 = Roundup Ready® Corn 2
SS = SmartStax®
VT2P = VT Double PRO®
GENVT3P = Genuity® VT Triple PRO®

Rating Scale
1-2 = Excellent
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7-8 = Fair to Poor
9 = Poor
- = Not Available

PRODUCT MANAGEMENT PLANTING GROWTH HARVEST HERBICIDE & DISEASE TOLERANCE SILAGE RATINGS

DEKALB® Brand Corn

Value Added Trait

CHU-Eastern Canada
Relative Maturity
Flowering Timing for Maturity
Target Population
Emergence
Seedling Vigour
Root Strength
Stalk Strength
Drought Tolerance
Plant Height
Staygreen
Drydown
Test Weight
Herbicide Safety
Northern Corn Leaf Blight
Gray Leaf Spot
Eye Spot
Common Rust
Anthracnose Stalk Rot
Silage Yield
Milk per Tonne
Milk per Acre

Data compiled from Monsanto conducted field trials.

* = The RIB designation refers to a RIB Complete® product.
1, 2, 3 = For more information, please refer to the legend on the last page of this guide.

CORN AGRONOMIC RATINGS
Data compiled from Monsanto conducted field trials.

PHILEMON LAWRENCE, 4th Generation, Burts Corner, NB

Philemon Lawrence likes to grow 3 or 4 different corn hybrids and rotate their release dates. This helps spread out the risk of a bad season. He explained that growing only one hybrid in a field is not a good idea due to the highest potential of having a bad year. By diversifying, he ensures that he doesn’t face the same risk and can still achieve high yields.

DKC30-07RIB has been a staple on his farm because of its quality for high moisture silage, top end grain yield potential and dual purpose nature.

Read more about the Lawrence family and why they choose to grow DEKALB corn at DEKALB.ca/farmer-stories
### DKC 32-12RIB 2450 CHU
- Excellent stalk strength from a medium-to-tall statured plant
- Great performance under drought stress
- Excellent test weight and grain quality
- Well suited for all soil types and yield environments

### DKC 35-88RIB 2550 CHU
- Excellent yield potential in all soil types and yield environments
- Flowers and dries down true to relative maturity
- Excellent roots and very good stalks
- Excellent drought tolerance

### DKC 34-57RIB 2575 CHU
- High yield potential
- Strong performance in all yield environments
- Flowering and drydown on target for maturity
- Performs best on loamy soils
- Tall plant type with Silage Ready™ designation; great dual purpose hybrid

### DKC 37-93RIB 2625 CHU
- Excellent seedling vigour
- Great top end yield potential
- Good stress tolerance
- Excellent grain quality and quick drydown
- Excellent rotated ground fit across all soil types

### DKC 37-85RIB 2650 CHU
- Very stress tolerant, stable hybrid across yield environments
- Excellent emergence and early season growth for early planting
- Girthy ears with open husks for fast drydown
- Performs well across all soil types and yield environments

### DKC 38-55RIB 2650 CHU
- Medium-to-tall statured hybrid that flowers early for its relative maturity
- Performs well on all soil types
- Plant at medium to high populations for best results

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**NOTES**

For all agronomic ratings, 1 = Excellent, 9 = Poor.
Data compiled from Monsanto conducted field trials.

### LEGEND

**Plant Height**
- S = Short
- M = Medium
- T = Tall

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

**Value-Added Trait**
- RR2 = Roundup Ready® Corn 2
- SS = SmartStax®
- VT2P = VT Double PRO®
- GENVT3P = Genuity® VT Triple PRO®

**Herbicide Safety**
- GR = Adverse effects from Growth Regulator Herbicides (Banvel II, Clarity, Marksman®, 2,4-D)
- SU = Adverse effects from Sulfonylurea Herbicides (Accent®, Elim®, Ultim®)
- IS = Adverse effects from Isoxaflutole Herbicides (Converge®)
- ✔ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates

### NOTES

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1, 2, 3 = For more information, please refer to the legend on the last page of this guide.

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### PRODUCT AGRONOMIC RATINGS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MANAGEMENT</th>
<th>PLANTING</th>
<th>GROWTH</th>
<th>HARVEST</th>
<th>HERBICIDE &amp; DISEASE TOLERANCE</th>
<th>SILAGE RATINGS</th>
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<td>CHU-Eastern Canada</td>
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**DKC 38-01  2675 CHU**
- Versatile hybrid with excellent emergence and very good early season growth
- Early flowering with fast harvest drydown; girthy cob
- Very good stalks and roots
- Consistent performance on all soil types and yield environments
- Keep at medium populations for best results

**DKC 38-03 RIB  2675 CHU**
- Versatile hybrid with excellent emergence and very good early season growth
- Early flowering with fast harvest drydown; girthy cob
- Excellent stalks and very good roots
- Consistent performance on all soil types and yield environments
- Keep at medium populations for best results

**DKC 39-97 RIB  2700 CHU**
- Excellent early season growth and vigour for early planting
- Excellent drydown and solid agronomics
- Excellent stalks and roots; girthy cob and very good late season plant health
- Medium plant type with Silage Ready™ designation; great dual purpose hybrid
- Performs well across all soil types and yield environments
- Plant at higher populations to maximize yields

**DKC 40-77 RIB  2725 CHU**
- Stable hybrid with good yield potential
- Very good overall defense package
- Excellent agronomics and late season plant health
- Performs best on medium to highly productive ground

**DKC 41-99 RIB  2750 CHU**
- Performs well on all soils, all rotations and at all yield levels
- Strong silage potential
- Plant at medium to high plant populations

**DKC 42-60 RIB  2775 CHU**
- Very good emergence and seedling growth
- Solid agronomics with very good test weight
- Excellent stalk strength
- Very good stress tolerance
- Performs best on medium to highly productive ground

**LEGEND**
- **Plant Height**
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  - T = Tall

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**DEKALB SEED GUIDE 2019  |  DEKALB.ca**

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor.
### Corn Agronomic Ratings

Data compiled from Monsanto conducted field trials.

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### Value-Added Trait

- **RR2** = Roundup Ready® Corn 2
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- **VT2P** = VT Double PRO®
- **GENVT3P** = Genuity® VT Triple PRO®

### Rating Scale

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- - = Not Available

### Herbicide Safety

- **GR** = Adverse effects from Growth Regulator Herbicides (Banvel®, Clarity, Marksman®, 2,4-D)
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- **IS** = Adverse effects from Isoxaflutole Herbicides (Converge®)

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

### New

#### New Product

#### New Product

### Above-Ground and Below-Ground Insect Protection, Plus the Convenience You Want.

**Trait Features:**

- Multiple modes-of-action against European corn borer, corn earworm and corn rootworm
- Protected roots to enable the best nutrient and water uptake
- Protected shoots to enhance photosynthesis and grain production
- Insect resistance has a much lower likelihood when plants have genes that have dual and triple modes of protection
- The use of unique multiple modes-of-action provides the enhanced insect protection—while maintaining long-term durability of the trait technology

For more information, visit [www.genuitytraits.ca/en/corn/smartstax-rib-complete](http://www.genuitytraits.ca/en/corn/smartstax-rib-complete)
**DKC 43-10RIB  2800 CHU**
- Very good early season vigour for early planting
- Excellent drydown with high top end yield potential
- Tall plant type with Silage Ready™ designation; great dual purpose hybrid
- Versatile hybrid to position across all soil types and yield environments

**DKC 43-30  2800 CHU**
- Excellent roots and very good stalk strength
- Plant at medium to medium-high populations to maximize yield potential
- Excellent drydown

**DKC 43-47RIB  2825 CHU**
- Versatile hybrid with top end yield potential
- Excellent stalks and roots with very good drydown
- Excellent drought and stress tolerance
- Plant at medium-high to high populations to maximize yield potential
- Keep in proper maturity zone for best results
- Excellent choice for corn on corn rotations because of disease package

**DKC 44-13RIB  2850 CHU**
- Consistent top end yield potential
- Excellent roots and stalks; excellent drydown
- Excellent drought tolerance
- Performs well across all soil types and yield environments

**DKC 45-65RIB  2875 CHU**
- Hybrid that packages high yield and stable performance under stress and low yield environments
- Excellent early season growth and vigour; good for early planting and no till planting
- Strong roots and stalks; excellent late season standability
- Excellent staygreen and very good harvest appearance; excellent drydown

**DKC 46-07RIB  2875 CHU**
- Solid agronomics and defensive traits
- Very clean grain, excellent test weight
- Excellent consistent yield potential across soil types and environments
- Excellent roots and stalks
- Excellent fit for light, variable, stressed soils

**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor.
### PRODUCT AGRONOMIC RATINGS

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#### LEGEND

**Plant Height**
- **S** = Short
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#### Value-Added Trait

**RR2** = Roundup Ready® Corn 2
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### NOTES

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Data compiled from Monsanto conducted field trials.
CORN SEED SELECTIONS

**DKC46-18  2875 CHU**
- Versatile hybrid with excellent agronomics and top end yield potential
- Excellent early season vigour for early planting
- Excellent stalks
- Very good drought tolerance, staygreen and harvest appearance
- Excellent drydown
- Excellent test weight

**DKC46-17RIB  2875 CHU**
- Versatile hybrid with excellent agronomics and top end yield potential
- Excellent early season vigour for early planting
- Excellent stalks
- Very good drought tolerance, staygreen and harvest appearance
- Excellent drydown
- Excellent test weight

**DKC46-82RIB  2900 CHU**
- Versatile hybrid with excellent agronomics
- Excellent drought tolerance and yield potential
- High yields with very good test weight
- Excellent stalks and roots
- Performs well across all soil types and yield environments

**DKC48-28RIB  2950 CHU**
- Strong performance on loam soils with high end yield potential
- Strong potential for ear flex
- Excellent drydown and test weight
- Plant at medium to medium-high plant populations

**DKC50-78RIB  2975 CHU**
- Versatile hybrid with top end performance across all soil types and environments
- Very good harvest appearance to allow for late season harvest flexibility
- Excellent stalks and roots; excellent test weight and grain quality
- Plant at medium populations to maximize yield potential

Note: For all agronomic ratings, 1=Excellent, 9=Poor.
### PRODUCT MANAGEMENT

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<td>32-34</td>
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### LEGEND

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<thead>
<tr>
<th>Plant Height</th>
<th>Rating Scale</th>
<th>Value-Added Trait</th>
<th>Herbicide Safety</th>
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<tbody>
<tr>
<td>S = Short</td>
<td>1-2 = Excellent 3-4 = Very Good 5-6 = Good to Average 7-8 = Fair to Poor 9 = Poor</td>
<td>RR2 = Roundup Ready® Corn 2 SS = SmartStax® VT2P = VT Double PRO® GENVT3P = Genuity® VT Triple PRO®</td>
<td>GR = Adverse effects from Growth Regulator Herbicides (Banvel® II, Clarity, Marksman®, 2,4-D) SU = Adverse effects from Sulfonylurea Herbicides (Accent®, Elim®, Ultima®) IS = Adverse effects from Isoxaflutole Herbicides (Converge®) ✔ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates</td>
</tr>
<tr>
<td>M = Medium</td>
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<tr>
<td>T = Tall</td>
<td></td>
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</tr>
</tbody>
</table>

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1, 2, 3 = For more information, please refer to the legend on the last page of this guide.

Data compiled from Monsanto conducted field trials.

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**MIKE & SAMANTHA MILLER, 3rd Generation, Rodney, ON**

The Miller Family are in a heavy corn-on-corn area and feel they don’t always have the option to rotate their crops so they rotate the chemistry in the sprayer instead. The challenge of having limited options for crop rotations makes it even more important to grow corn hybrids that are proven on their farm. The family has grown DEKALB® brand corn for 10 years now, especially DKC48-56RIB and DKC52-84RIB, which have become stalwarts for their disease resistance and hearty yield potential.

Read more about the Miller family and why they choose to grow DEKALB corn at DEKALB.ca/farmer-stories
**DKC 49-72RIB 3000 CHU**
- Excellent emergence and seedling growth for planting early
- Excellent stalks and roots; excellent staygreen and harvest appearance
- Open husks allowing for great drydown
- Performs well across all soil types and excels in top-end yield environments

**DKC 50-90RIB 3050 CHU**
- Excellent stalks and very good foliar leaf disease package
- Excellent late season plant health
- Excellent yield potential
- Performs well on all soil types at higher populations

**DKC 50-26RIB 3050 CHU**
- Excellent seeding vigour
- Excellent stalk strength
- Very good disease package and late season health
- Excellent test weight and grain quality

**DKC 53-72RIB 3075 CHU**
- Excels in highly fertile situations
- Strong agronomics and yield potential across all yield environments
- Excellent drydown
- Very good test weight and excellent grain quality
- Best suited as a full season hybrid in early production zones
- Excellent Silage Ready™ features, including: high yield, starch and milk per acre

**DKC 52-84RIB 3100 CHU**
- Widely adapted, high yielding hybrid; stable in stress conditions
- Excellent roots and stalks
- Very good late season appearance and intactness
- Open husk, semi fixed ear with excellent drydown
- Will perform best at higher populations
- Performs well across all soil types and yield environments, responds best to high management

**DKC 53-56RIB 3125 CHU**
- Broadly adapted hybrid that offers top end yield potential
- Excellent emergence and seedling growth
- Excellent roots and stalks
- Very good drought tolerance
- Performs well across all soil types and yield environments
- Excellent fit for corn-on-corn rotations

**TEST WEIGHT**

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**NOTE:** For all agronomic ratings, 1=Excellent, 9=Poor.
**CORN AGRONOMIC RATINGS**

Data compiled from Monsanto conducted field trials.

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<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MANAGEMENT</th>
<th>PLANTING</th>
<th>GROWTH</th>
<th>HARVEST</th>
<th>HERBICIDE &amp; DISEASE TOLERANCE</th>
<th>SILAGE RATINGS</th>
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<tr>
<td>DEKALB® Brand Corn*</td>
<td>Value Added Trait</td>
<td>CHU-Eastern Canada</td>
<td>Relative Maturity</td>
<td>Flowering Timing for Maturity</td>
<td>Emergence</td>
<td>Seedling Vigour</td>
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<td>DKC53-56RIB</td>
<td>SS</td>
<td>3125</td>
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<td>Early</td>
<td>34-36</td>
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</tbody>
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**NOTES**

Data compiled from Monsanto conducted field trials.

**LEGEND**

- **Plant Height**: S = Short, M = Medium, T = Tall
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- ✓ = Either no adverse effects from the hybrid/herbicide combination were noted or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates
### CORN SEED SELECTIONS

**DKC55-05RIB  3175 CHU**
- Very good disease tolerance
- Strong yield potential
- Plant at medium to high populations for best results
- Excellent late season drydown
- Performs well across all soil types

**DKC58-06RIB  3225 CHU**
- Excellent yield potential
- Excellent agronomics
- Performs on highly productive soils
- Plant at medium populations for best yield results
- Excellent Silage Ready™ features, including: high yield potential, starch and milk per acre
- Performs best on clay to loam soils

**DKC57-75RIB  3250 CHU**
- Performs well across all soil types and yield environments
- Excellent drought tolerance
- Excellent emergence and seedling growth; strong roots and stalks
- Excellent staygreen and harvest appearance
- Dual purpose Silage Ready™ with high milk/acre numbers
- Plant at higher populations to maximize yield potential

**DKC59-50RIB  3300 CHU**
- Exceptional top end yield potential
- Excellent stalks and roots for late season standability
- Semi-flex ear type provides some population flexibility
- Very good drought tolerance
- Excellent staygreen and harvest appearance
- Excellent test weight and drydown

**DKC63-60RIB  3375 CHU**
- Very good grain quality and food grade potential
- Solid overall agronomics lead to great late season standability
- Very good response to higher populations
- Excellent late season health allows for delayed harvest
- Very good grain quality leads to slower drydown

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**NOTES**

- For all agronomic ratings, 1=Excellent, 9=Poor.
## AGRONOMIC RATINGS

### LEGEND

<table>
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</tr>
</tbody>
</table>

### NOTES

Data compiled from Monsanto conducted field trials.
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
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Jason MacCuaig
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SOUTH SHORE QUEBEC
Magali Hunot
(450) 210-0536

MARITIMES
Mark Groen
(613) 404-1644
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.
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.
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   - We are committed to gathering and transparently sharing harvest data with you. Visit DEKALB.ca to see how products perform near your farm.

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

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.
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, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 21, 22, 23, 24, 26, 27, 36, 37 and 38

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.

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

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate, and those containing dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or call the Monsanto technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Roundup Ready® technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Acceleron®, DEKALB and Design®, DEKALB®, Genuity and Design®, Monsanto and Vine Design®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup Xtend™, Roundup®, Silage Ready and Design™, Silage Ready™, SmartStax®, VaporGrip®, VT Double PRO®, VT Triple PRO® and XtendiMax® are trademarks of Monsanto Technology LLC, Monsanto Canada Inc. licensee. LibertyLink® and the Water Droplet Design are trademarks of Bayer. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. All other trademarks are the property of their respective owners. ©2018 Monsanto Canada Inc.
PHILEMON LAWRENCE
4th Generation
Burts 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.

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.”