



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



PAGE - **3**

Silage Ready™ Lineup

PAGE - **4**

Grain Corn Lineup

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

| HYBRID * | TRAIT | CHU GRAIN CORN | CHU SILAGE CORN | SILAGE YIELD | DIGESTIBLE NEUTRAL DETERGENT FIBER | % STARCH | MILK/ TONNE | MILK/ ACRE |
|-------------|---------|-------------------|--------------------|-----------------|---------------------------------------------|-------------|----------------|---------------|
| DKC23-17RIB | VT2P | 2075 | 1800-2000 | 2 | 2 | 1 | 3 | 2 |
| DKC26-40RIB | VT2P | 2150 | 1900-2100 | 1 | 1 | 2 | 2 | 1 |
| DKC30-07RIB | VT2P | 2350 | 2100-2275 | 2 | 2 | 2 | 2 | 1 |
| DKC31-09RIB | GENVT3P | 2400 | 2150-2325 | 2 | 2 | 1 | 2 | 1 |
| DKC32-12RIB | VT2P | 2450 | 2150-2350 | 2 | 2 | 1 | 2 | 2 |
| DKC34-57RIB | VT2P | 2575 | 2300-2500 | 1 | 2 | 1 | 2 | 1 |
| DKC38-55RIB | VT2P | 2650 | 2425-2600 | 3 | 2 | 2 | 2 | 2 |
| DKC39-97RIB | SS | 2700 | 2450-2625 | 2 | 3 | 1 | 2 | 1 |
| DKC43-10RIB | VT2P | 2800 | 2550-2725 | 2 | 3 | 1 | 2 | 2 |
| DKC43-47RIB | SS | 2825 | 2575-2750 | 3 | 2 | 2 | 1 | 3 |
| DKC45-65RIB | SS | 2875 | 2625-2800 | 3 | 2 | 2 | 2 | 2 |
| DKC46-17RIB | VT2P | 2875 | 2625-2800 | 2 | 2 | 2 | 2 | 1 |
| DKC48-56RIB | SS | 2950 | 2700-2875 | 3 | 2 | 1 | 3 | 1 |
| DKC49-72RIB | SS | 3000 | 2750-2925 | 2 | 3 | 1 | 3 | 2 |
| DKC50-78RIB | VT2P | 2975 | 2725-2900 | 3 | 2 | 1 | 1 | 2 |
| DKC53-72RIB | SS | 3075 | 2875-3025 | 1 | 1 | 2 | 1 | 1 |
| DKC53-56RIB | SS | 3125 | 2900-3050 | 3 | 3 | 2 | 2 | 3 |
| DKC58-06RIB | SS | 3225 | 3075-3225 | 2 | 3 | 1 | 2 | 1 |
| DKC57-75RIB | SS | 3250 | 3050-3200 | 3 | 1 | 4 | 2 | 1 |

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

Experimental and commercial corn silage hybrids are evaluated every year.

Value-Added Trait

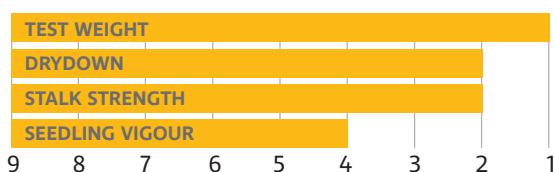
RR2 = Roundup Ready® Corn 2
 SS = SmartStax®
 VT2P = VT Double PRO®
 GENVT3P = Genuity® VT Triple PRO®

Rating Scale

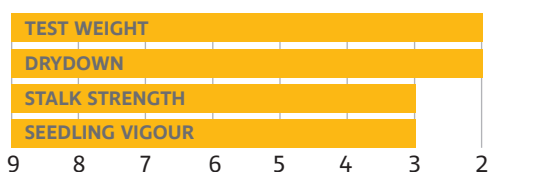
1-2 = Excellent
 3-4 = Very Good
 5-6 = Good to Average
 7-8 = Fair to Poor
 9 = Poor

DKC23-17RIB 2075 CHU

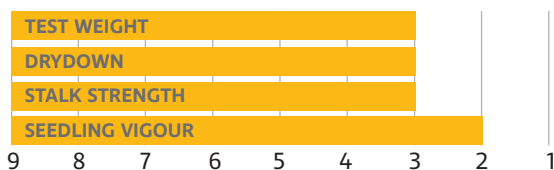
- Early flowering, early maturing
- Very good harvest appearance and agronomics; fast drydown
- Brings improved yield potential to its maturity zone
- Plant to target 36-38,000 plants per acre on highly productive ground
- Excellent stalk strength

**DKC23-21 2075 CHU**

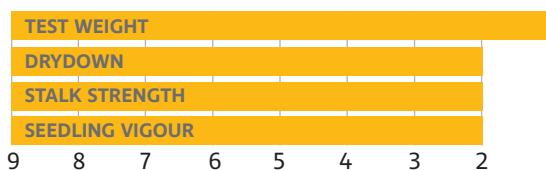
- Very good harvest appearance and agronomics; fast drydown
- Brings improved yield potential to its maturity zone
- Plant to target 36-38,000 plants per acre on highly productive ground

**DKC26-25 2125 CHU**

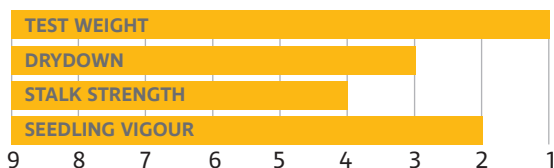
- Excellent emergence and early vigour
- Very good standability
- Flowers very early for maturity
- Medium-to-tall hybrid, strong dual purpose fit
- Strong staygreen and plant health through harvest
- Performs well across all soil types and yield environments

**DKC26-40RIB 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

**DKC27-54 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

**DKC27-55RIB 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 | | | | | | HAR-VEST | | HERBICIDE & DISEASE TOLERANCE | | | | | | SILAGE RATINGS | | |
|---------------------|-------------------|--------------------|--------------------|-------------------------------|--------------------|-----------|-----------------|---------------|----------------|-------------------|--------------|-----------|----------|-------------|-------------------------------|---------------------------|----------------|----------|-------------|-----------------------|----------------|----------------|---------------|
| DEKALB® Brand Corn* | Value Added Trait | CHU-Eastern Canada | Relative Maturity¹ | Flowering Timing for Maturity | Target Population² | Emergence | Seedling Vigour | Root Strength | Stalk Strength | Drought Tolerance | Plant Height | Staygreen | Drydown | Test Weight | Herbicide Safety³ | Northern Corn Leaf Blight | Gray Leaf Spot | Eye Spot | Common Rust | Anthraxnose Stalk Rot | Silage Yield | Milk per Tonne | Milk per Acre |
| 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 | 2 | 2 | 3 | 3 | 3 | M-T | 3 | 3 | 3 | GR/IS | 5 | 4 | 3 | 2 | 4 | 4 | 2 | 4 |
| DKC26-40RIB | VT2P | 2150 | 76 | Late | 36-38 | 2 | 2 | 3 | 2 | 2 | M-T | 2 | 2 | 1 | ✓ | 4 | - | 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 |

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 Sulfonyleurea 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.

VT Double PRO®
RIB COMPLETE®

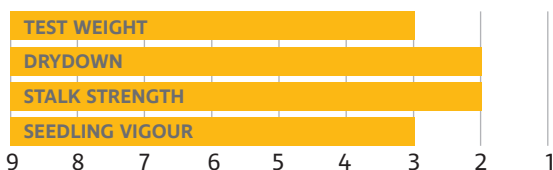


DUAL MODES OF ACTION TO CONTROL ABOVE GROUND PESTS WITH THE CONVENIENCE OF REFUGE IN THE BAG.

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**NEW**

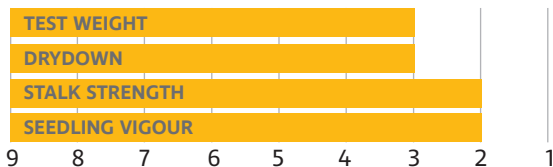
- Excellent drydown and harvest appearance
- Excellent root and stalk strength
- Late flowering timing for maturity but dries down very quickly

**DKC30-19RIB 2300 CHU**

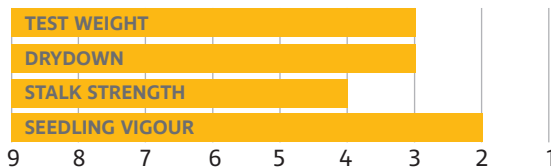
- Excellent fall health with a large harvest window for silage
- Performs well across all soil types and yield environments
- Excellent test weight corn that holds quality well
- Performs well in clay and at high populations
- Best suited to high yield environments
- Excellent harvest appearance
- Excellent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

**DKC30-07RIB 2350 CHU**

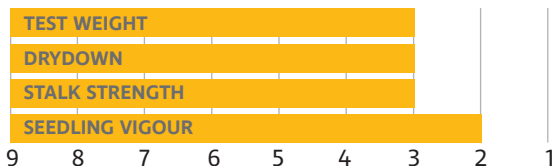
- Excellent late season health
- Medium-to-tall Silage Ready™ hybrid
- Excellent harvest appearance and top end yield potential
- Excellent plant health for quality silage and grain
- Excellent root and stalk strength
- Stable hybrid in all soil types
- Performs well in clay and at high populations

**DKC31-07 2375 CHU**

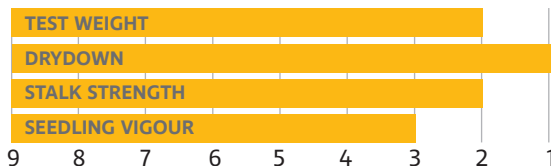
- Medium-to-tall hybrid with excellent harvest appearance and top end yield potential
- Excellent silage features, including: high yield, starch and milk per acre
- Preference for mid-range final populations 34-36,000

**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



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| | PRODUCT | MANAGEMENT | | | | PLANTING | | GROWTH | | | | | | HAR-VEST | | HERBICIDE & DISEASE TOLERANCE | | | | | | SILAGE RATINGS | | |
|-----|---------------------|-------------------|--------------------|--------------------------------|-------------------------------|--------------------------------|-----------|-----------------|---------------|----------------|-------------------|--------------|-----------|----------|-------------|-------------------------------|---------------------------|----------------|----------|-------------|-----------------------|----------------|----------------|---------------|
| | DEKALB® Brand Corn* | Value Added Trait | CHU-Eastern Canada | Relative Maturity ¹ | Flowering Timing for Maturity | Target Population ² | Emergence | Seedling Vigour | Root Strength | Stalk Strength | Drought Tolerance | Plant Height | Staygreen | Drydown | Test Weight | Herbicide Safety ³ | Northern Corn Leaf Blight | Gray Leaf Spot | Eye Spot | Common Rust | Anthraxnose Stalk Rot | Silage Yield | Milk per Tonne | Milk per Acre |
| NEW | DKC29-89RIB | VT2P | 2275 | 79 | Late | 34-36 | 3 | 3 | 2 | 2 | 3 | M | 2 | 2 | 3 | ✓ | 3 | 6 | - | - | 5 | - | - | - |
| | DKC30-19RIB | VT2P | 2300 | 80 | Avg | 34-36 | 2 | 3 | 2 | 2 | 3 | M-T | 3 | 2 | 2 | GR | 3 | 4 | 3 | 3 | 5 | 4 | 4 | 4 |
| | DKC30-07RIB | VT2P | 2350 | 80 | Avg | 32-34 | 2 | 2 | 2 | 2 | 3 | M-T | 2 | 3 | 3 | ✓ | 4 | - | 3 | 3 | 5 | 2 | 2 | 1 |
| | DKC31-07 | RR2 | 2375 | 81 | Early | 34-36 | 2 | 2 | 3 | 4 | 3 | M-T | 3 | 3 | 3 | ✓ | 3 | - | 4 | 4 | 5 | 2 | 2 | 2 |
| | DKC31-09RIB | GENVT3P | 2400 | 81 | Early | 34-36 | 2 | 2 | 2 | 3 | 3 | M-T | 3 | 3 | 3 | ✓ | 3 | - | 4 | 4 | 5 | 2 | 2 | 1 |
| | DKC33-78RIB | VT2P | 2400 | 83 | Early | 34-36 | 2 | 3 | 2 | 2 | 3 | M | 4 | 1 | 2 | ✓ | 2 | - | 2 | 3 | 5 | 3 | 3 | 3 |

Data compiled from Monsanto conducted field trials.

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GR = Adverse effects from Growth Regulator Herbicides (Banvel® II, Clarity, Marksman®, 2,4-D)
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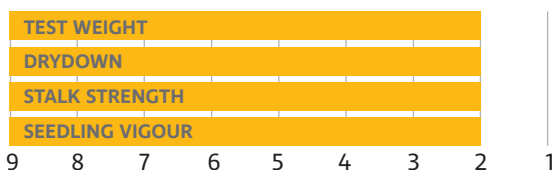
PHILEMON LAWRENCE, 4th Generation, Burtts Corner, NB

Philemon Lawrence likes to grow 3 or 4 different corn hybrids of varying heat units, then compare them. This helps spread out the risk and harvest workload. "I don't want everything ready on one day," he explained. 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

DKC32-12RIB 2450 CHU

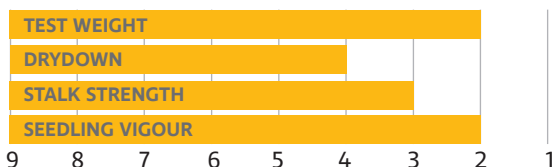
- Excellent stalk strength from a medium-to-tall statured plant
- Great performance under drought stress
- Excellent test weight and grain quality
- Well suited for all soil types and yield environments


VTDoublePRO®
 RIB COMPLETE
**DKC35-88RIB 2550 CHU**

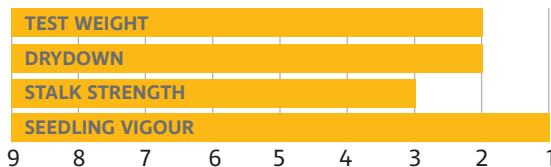
- Excellent yield potential in all soil types and yield environments
- Flowers and dries down true to relative maturity
- Excellent roots and very good stalks
- Excellent drought tolerance

VTDoublePRO®
 RIB COMPLETE
**DKC34-57RIB 2575 CHU**

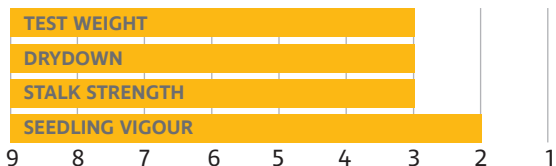
- High yield potential
- Strong performance in all yield environments
- Flowering and drydown on target for maturity
- Performs best on loamy soils
- Tall plant type with Silage Ready™ designation; great dual purpose hybrid


VTDoublePRO®
 RIB COMPLETE
**DKC37-93RIB 2625 CHU**

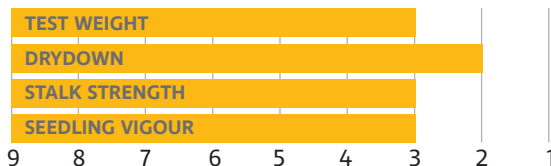
- Excellent seedling vigour
- Great top end yield potential
- Good stress tolerance
- Excellent grain quality and quick drydown
- Excellent rotated ground fit across all soil types

VTDoublePRO®
 RIB COMPLETE
**DKC37-85RIB 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

SmartStax®
 RIB COMPLETE
**DKC38-55RIB 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


VTDoublePRO®
 RIB COMPLETE


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| DKC32-12RIB | VT2P | 2450 | 82 | Avg | 34-36 | 2 | 2 | 2 | 2 | 2 | M-T | 2 | 2 | 2 | ✓ | 4 | - | 3 | 3 | 5 | 2 | 2 | 2 |
| DKC35-88RIB | VT2P | 2550 | 85 | Avg | 36-38 | 2 | 2 | 2 | 3 | 2 | M | 4 | 2 | 2 | ✓ | 5 | 5 | 4 | 4 | 5 | 3 | 2 | 2 |
| DKC34-57RIB | VT2P | 2575 | 84 | Avg | 36-38 | 2 | 2 | 3 | 3 | 2 | T | 3 | 4 | 2 | ✓ | 5 | - | 4 | 4 | 5 | 1 | 2 | 1 |
| DKC37-93RIB | VT2P | 2625 | 87 | Avg | 36-38 | 2 | 1 | 2 | 3 | 2 | M | 3 | 2 | 2 | ✓ | 4 | - | 3 | 4 | 6 | 2 | 3 | 3 |
| DKC37-85RIB | SS | 2650 | 87 | Avg | 36-38 | 2 | 2 | 3 | 3 | 3 | M | 4 | 3 | 3 | ✓ | 3 | - | 4 | 4 | 6 | 2 | 3 | 3 |
| DKC38-55RIB | VT2P | 2650 | 88 | Early | 34-36 | 2 | 3 | 2 | 3 | 2 | M-T | 3 | 2 | 3 | ✓ | 4 | - | 3 | 4 | 5 | 3 | 2 | 2 |

Data compiled from Monsanto conducted field trials.

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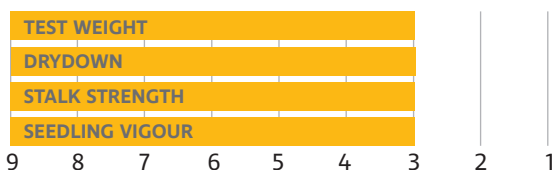
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NOTES

DKC38-01 2675 CHU

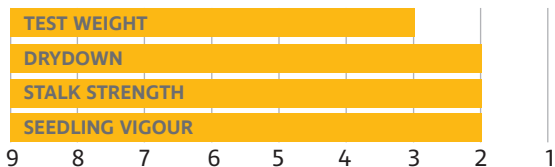
- Versatile hybrid with excellent emergence and very good early season growth
- Early flowering with fast harvest drydown; girthy cob
- Very good stalks and roots
- Consistent performance on all soil types and yield environments
- Keep at medium populations for best results

**DKC38-03RIB 2675 CHU**

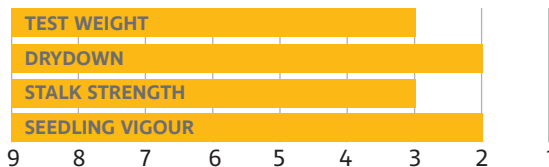
- Versatile hybrid with excellent emergence and very good early season growth
- Early flowering with fast harvest drydown; girthy cob
- Excellent stalks and very good roots
- Consistent performance on all soil types and yield environments
- Keep at medium populations for best results

**DKC39-97RIB 2700 CHU**

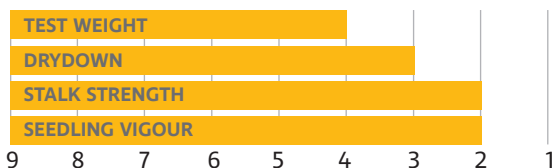
- Excellent early season growth and vigour for early planting
- Excellent drydown and solid agronomics
- Excellent stalks and roots; girthy cob and very good late season plant health
- Medium plant type with Silage Ready™ designation; great dual purpose hybrid
- Performs well across all soil types and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

**DKC40-77RIB 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

**DKC41-99RIB 2750 CHU**

- Performs well on all soils, all rotations and at all yield levels
- Strong silage potential
- Plant at medium to high plant populations

NEW**DKC42-60RIB 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



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

| PRODUCT | MANAGEMENT | | | | PLANTING | | GROWTH | | | | | | HAR-VEST | | HERBICIDE & DISEASE TOLERANCE | | | | | | SILAGE RATINGS | | |
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| DKC38-01 | RR2 | 2675 | 88 | Early | 32-34 | 2 | 3 | 3 | 3 | 2 | M | 3 | 3 | 3 | ✓ | 3 | 7 | 4 | 3 | 4 | 2 | 3 | 2 |
| DKC38-03RIB | VT2P | 2675 | 88 | Early | 32-34 | 2 | 3 | 3 | 2 | 2 | M | 3 | 3 | 3 | ✓ | 3 | 7 | 4 | 3 | 4 | 2 | 2 | 2 |
| DKC39-97RIB | SS | 2700 | 89 | Early | 36-38 | 2 | 2 | 2 | 2 | 2 | M | 3 | 2 | 3 | ✓ | 4 | - | 4 | 3 | 5 | 2 | 2 | 1 |
| DKC40-77RIB | SS | 2725 | 90 | Avg | 34-36 | 2 | 2 | 2 | 3 | 3 | M | 3 | 2 | 3 | ✓ | 4 | 5 | - | - | 5 | 5 | 1 | 1 |
| NEW DKC41-99RIB | VT2P | 2750 | 91 | Avg | 34-36 | 2 | 2 | 3 | 2 | 3 | M-T | 3 | 3 | 4 | ✓ | 3 | - | - | - | 5 | 1 | 1 | 1 |
| DKC42-60RIB | SS | 2775 | 92 | Avg | 36-38 | 3 | 3 | 2 | 2 | 3 | M | 2 | 3 | 3 | ✓ | 2 | 6 | 6 | - | - | 2 | 1 | 1 |

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®)

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SmartStax®
RIB COMPLETE



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

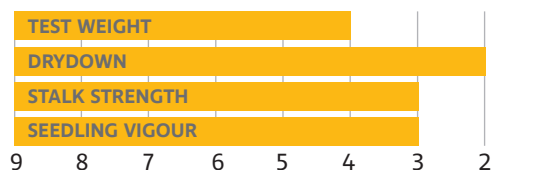
For more information, visit www.genuitytraits.ca/en/corn/smartstax-rib-complete

DKC43-10RIB 2800 CHU

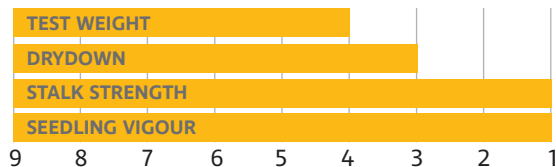
- Very good early season vigour for early planting
- Excellent drydown with high top end yield potential
- Tall plant type with Silage Ready™ designation; great dual purpose hybrid
- Versatile hybrid to position across all soil types and yield environments

**DKC43-30 2800 CHU**

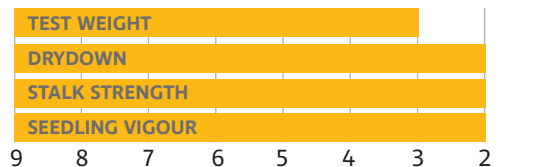
- Excellent roots and very good stalk strength
- Plant at medium to medium-high populations to maximize yield potential
- Excellent drydown

**DKC43-47RIB 2825 CHU**

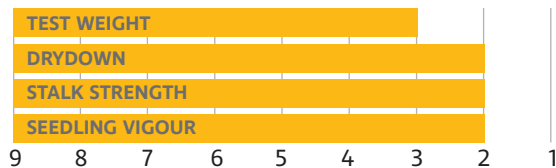
- Versatile hybrid with top end yield potential
- Excellent stalks and roots with very good drydown
- Excellent drought and stress tolerance
- Plant at medium-high to high populations to maximize yield potential
- Keep in proper maturity zone for best results
- Excellent choice for corn on corn rotations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

**DKC44-13RIB 2850 CHU**

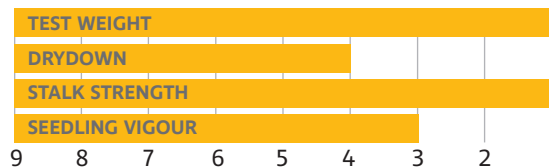
- Consistent top end yield potential
- Excellent roots and stalks; excellent drydown
- Excellent drought tolerance
- Performs well across all soil types and yield environments

**DKC45-65RIB 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

**DKC46-07RIB 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 | MANAGEMENT | | | | PLANTING | | GROWTH | | | | | | HAR-VEST | | HERBICIDE & DISEASE TOLERANCE | | | | | | SILAGE RATINGS | | |
|---------------------|-------------------|--------------------|--------------------|-------------------------------|--------------------|-----------|-----------------|---------------|----------------|-------------------|--------------|-----------|----------|-------------|-------------------------------|---------------------------|----------------|----------|-------------|-----------------------|----------------|----------------|---------------|
| DEKALB® Brand Corn* | Value Added Trait | CHU-Eastern Canada | Relative Maturity¹ | Flowering Timing for Maturity | Target Population² | Emergence | Seedling Vigour | Root Strength | Stalk Strength | Drought Tolerance | Plant Height | Staygreen | Drydown | Test Weight | Herbicide Safety³ | Northern Corn Leaf Blight | Gray Leaf Spot | Eye Spot | Common Rust | Anthraxnose Stalk Rot | Silage Yield | Milk per Tonne | Milk per Acre |
| DKC43-10RIB | VT2P | 2800 | 93 | Early | 32-34 | 2 | 3 | 3 | 3 | 2 | T | 3 | 2 | 4 | ✓ | 6 | 6 | 4 | 3 | 4 | 2 | 2 | 2 |
| DKC43-30 | RR2 | 2800 | 93 | Early | 34-36 | 3 | 3 | 2 | 3 | 2 | M-S | 4 | 2 | 4 | ✓ | 3 | 6 | 2 | 4 | 7 | 5 | 2 | 4 |
| DKC43-47RIB | SS | 2825 | 93 | Late | 36-38 | 3 | 1 | 1 | 1 | 2 | M-T | 3 | 3 | 4 | GR | 5 | 3 | 3 | 2 | 5 | 3 | 1 | 3 |
| DKC44-13RIB | SS | 2850 | 94 | Avg | 34-36 | 2 | 2 | 1 | 2 | 2 | M | 4 | 2 | 3 | ✓ | 4 | - | - | 3 | 5 | 3 | 3 | 3 |
| DKC45-65RIB | SS | 2875 | 95 | Avg | 34-36 | 3 | 2 | 3 | 2 | 2 | M-T | 2 | 2 | 3 | ✓ | 4 | - | 4 | 3 | 5 | 3 | 2 | 2 |
| DKC46-07RIB | SS | 2875 | 96 | Avg | 34-36 | 3 | 3 | 1 | 1 | 2 | M | 3 | 4 | 1 | ✓ | 3 | 5 | 2 | 4 | 6 | 3 | 2 | 3 |

Data compiled from Monsanto conducted field trials.

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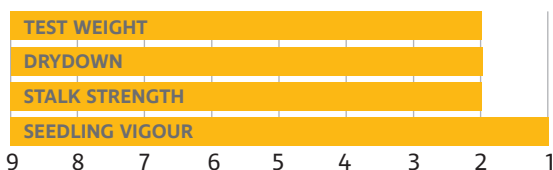
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NOTES

DKC46-18 2875 CHU

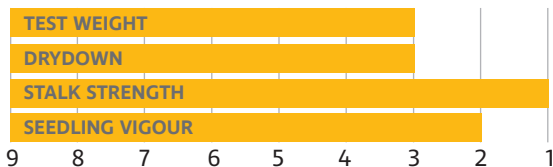
- Versatile hybrid with excellent agronomics and top end yield potential
- Excellent early season vigour for early planting
- Excellent stalks
- Very good drought tolerance, staygreen and harvest appearance
- Excellent drydown
- Excellent test weight

**DKC46-17RIB 2875 CHU**

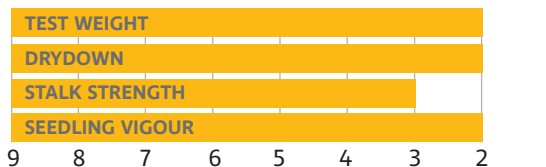
- Versatile hybrid with excellent agronomics and top end yield potential
- Excellent early season vigour for early planting
- Excellent stalks
- Very good drought tolerance, staygreen and harvest appearance
- Excellent drydown
- Excellent test weight

**DKC46-82RIB 2900 CHU**

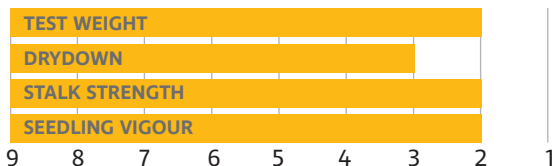
- Versatile hybrid with excellent agronomics
- Excellent drought tolerance and yield potential
- High yields with very good test weight
- Excellent stalks and roots
- Performs well across all soil types and yield environments

**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

**NEW****DKC48-56RIB 2950 CHU**

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

**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



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| PRODUCT | MANAGEMENT | | | | PLANTING | | GROWTH | | | | | | HAR-VEST | | HERBICIDE & DISEASE TOLERANCE | | | | | | SILAGE RATINGS | | |
|---------------------|-------------------|--------------------|--------------------------------|-------------------------------|--------------------------------|-----------|-----------------|---------------|----------------|-------------------|--------------|-----------|----------|-------------|-------------------------------|---------------------------|----------------|----------|-------------|-----------------------|----------------|----------------|---------------|
| DEKALB® Brand Corn* | Value Added Trait | CHU-Eastern Canada | Relative Maturity ¹ | Flowering Timing for Maturity | Target Population ² | Emergence | Seedling Vigour | Root Strength | Stalk Strength | Drought Tolerance | Plant Height | Staygreen | Drydown | Test Weight | Herbicide Safety ³ | Northern Corn Leaf Blight | Gray Leaf Spot | Eye Spot | Common Rust | Anthraxnose Stalk Rot | Silage Yield | Milk per Tonne | Milk per Acre |
| DKC46-18 | RR2 | 2875 | 96 | Late | 34-36 | 3 | 1 | 3 | 2 | 3 | M | 3 | 2 | 2 | GR | 2 | - | 3 | 3 | 5 | 3 | 3 | 2 |
| DKC46-17RIB | VT2P | 2875 | 96 | Late | 34-36 | 3 | 1 | 3 | 2 | 3 | M | 3 | 2 | 2 | GR | 2 | - | 3 | 3 | 5 | 2 | 2 | 1 |
| DKC46-82RIB | SS | 2900 | 96 | Avg | 36-38 | 2 | 2 | 1 | 1 | 2 | M | 3 | 3 | 3 | ✓ | 5 | - | 4 | 4 | 5 | 4 | 2 | 2 |
| NEW DKC48-28RIB | VT2P | 2950 | 98 | Avg | 34-36 | 2 | 2 | 3 | 3 | 3 | M | 3 | 2 | 2 | IS | 4 | 5 | - | - | 4 | 3 | 2 | 2 |
| DKC48-56RIB | SS | 2950 | 98 | Early | 36-38 | 3 | 2 | 3 | 2 | 3 | M-T | 2 | 3 | 2 | GR | 4 | - | 3 | 3 | 5 | 3 | 3 | 1 |
| DKC50-78RIB | VT2P | 2975 | 100 | Early | 32-34 | 3 | 2 | 1 | 1 | 3 | M | 3 | 2 | 2 | ✓ | 4 | 6 | 4 | 2 | 5 | 3 | 1 | 2 |

Data compiled from Monsanto conducted field trials.

LEGEND

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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

DKC49-72RIB 3000 CHU

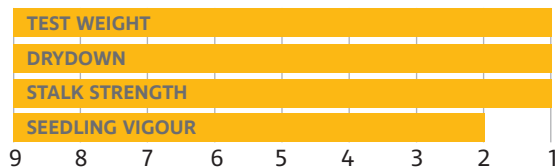
- Excellent emergence and seedling growth for planting early
- Excellent stalks and roots; excellent staygreen and harvest appearance
- Open husks allowing for great drydown
- Performs well across all soil types and excels in top-end yield environments

**DKC50-90RIB 3050 CHU**

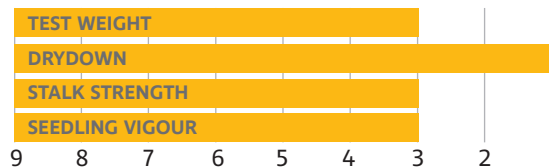
- Excellent stalks and very good foliar leaf disease package
- Excellent late season plant health
- Excellent yield potential
- Performs well on all soil types at higher populations

**DKC50-26RIB 3050 CHU**

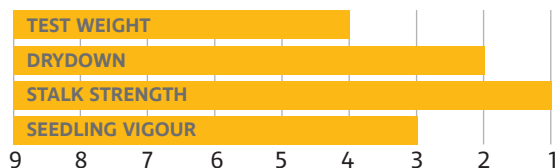
- Excellent seeding vigour
- Excellent stalk strength
- Very good disease package and late season health
- Excellent test weight and grain quality

**DKC53-72RIB 3075 CHU**

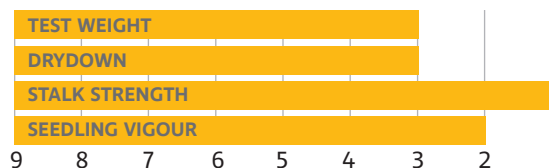
- Excels in highly fertile situations
- Strong agronomics and yield potential across all yield environments
- Excellent drydown
- Very good test weight and excellent grain quality
- Best suited as a full season hybrid in early production zones
- Excellent Silage Ready™ features, including: high yield,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

**DKC52-84RIB 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

**DKC53-56RIB 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



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| PRODUCT | MANAGEMENT | | | | PLANTING | | GROWTH | | | | | | HAR-VEST | | HERBICIDE & DISEASE TOLERANCE | | | | | | SILAGE RATINGS | | |
|---------------------|-------------------|--------------------|--------------------|-------------------------------|--------------------|-----------|-----------------|---------------|----------------|-------------------|--------------|-----------|----------|-------------|-------------------------------|---------------------------|----------------|----------|-------------|-----------------------|----------------|----------------|---------------|
| DEKALB® Brand Corn* | Value Added Trait | CHU-Eastern Canada | Relative Maturity¹ | Flowering Timing for Maturity | Target Population² | Emergence | Seedling Vigour | Root Strength | Stalk Strength | Drought Tolerance | Plant Height | Staygreen | Drydown | Test Weight | Herbicide Safety³ | Northern Corn Leaf Blight | Gray Leaf Spot | Eye Spot | Common Rust | Anthraxnose Stalk Rot | Silage Yield | Milk per Tonne | Milk per Acre |
| DKC49-72RIB | SS | 3000 | 99 | Early | 36-38 | 1 | 1 | 1 | 2 | 3 | M | 1 | 1 | 4 | ✓ | 3 | 4 | 3 | 4 | 4 | 2 | 3 | 2 |
| DKC50-90RIB | SS | 3050 | 100 | Early | 36-38 | 2 | 2 | 2 | 2 | 1 | M-T | 2 | 2 | 3 | ✓ | 4 | 5 | 3 | 4 | 5 | 3 | 3 | 3 |
| DKC50-26RIB | SS | 3050 | 100 | Late | 34-36 | 3 | 2 | 3 | 1 | 2 | T | 2 | 1 | 1 | ✓ | 4 | 5 | 3 | - | 1 | 2 | 2 | 2 |
| DKC53-72RIB | SS | 3075 | 103 | Avg | 34-36 | 3 | 3 | 2 | 3 | 4 | M | 4 | 1 | 3 | ✓ | 5 | 5 | 3 | 4 | 4 | 1 | 1 | 1 |
| DKC52-84RIB | SS | 3100 | 102 | Early | 36-38 | 4 | 3 | 2 | 1 | 2 | M | 3 | 2 | 4 | ✓ | 3 | 6 | 3 | 3 | 5 | 3 | 4 | 5 |
| DKC53-56RIB | SS | 3125 | 103 | Early | 34-36 | 1 | 2 | 1 | 1 | 3 | M | 3 | 3 | 3 | ✓ | 4 | 5 | 2 | 3 | 4 | 3 | 2 | 3 |

Data compiled from Monsanto conducted field trials.

LEGEND

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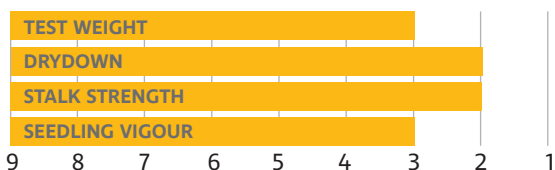
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NOTES

DKC55-05RIB 3175 CHU

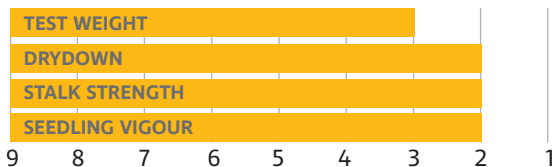
- Very good disease tolerance
- Strong yield potential
- Plant at medium to high populations for best results
- Excellent late season drydown
- Performs well across all soil types

**DKC58-06RIB 3225 CHU**

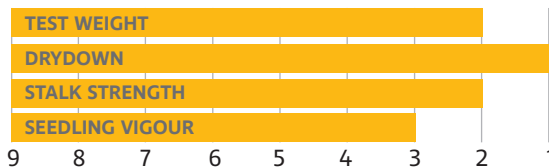
- Excellent yield potential
- Excellent agronomics
- Performs on highly productive soils
- Plant at medium populations for best yield results
- Excellent Silage Ready™ features, including: high yield potential, starch and milk per acre
- Performs best on clay to loam soils

**DKC57-75RIB 3250 CHU**

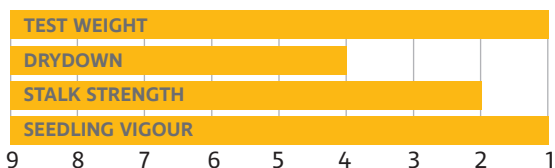
- Performs well across all soil types and yield environments
- Excellent drought tolerance
- Excellent emergence and seedling growth; strong roots and stalks
- Excellent staygreen and harvest appearance
- Dual purpose Silage Ready™ with high milk/acre numbers
- Plant at higher populations to maximize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

NEW**NOTES**

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| DKC55-05RIB | VT2P | 3175 | 105 | Late | 34-36 | 2 | 3 | 2 | 2 | 3 | M-T | 3 | 2 | 3 | ✓ | 4 | 4 | 3 | 3 | 4 | 1 | 3 | 2 |
| DKC58-06RIB | SS | 3225 | 108 | Avg | 34-36 | 2 | 2 | 2 | 4 | 4 | M-T | 2 | 2 | 2 | ✓ | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 1 |
| DKC57-75RIB | SS | 3250 | 107 | Early | 32-34 | 2 | 2 | 1 | 2 | 2 | M | 2 | 2 | 3 | GR | 4 | 4 | 2 | 3 | 4 | 3 | 2 | 1 |
| DKC59-50RIB | SS | 3300 | 109 | Early | 34-36 | 2 | 3 | 2 | 2 | 3 | T | 1 | 1 | 2 | ✓ | 3 | 4 | 3 | 4 | 4 | 2 | 1 | 1 |
| NEW DKC63-60RIB | VT2P | 3375 | 113 | Avg | 36-38 | 1 | 1 | 3 | 2 | 3 | M-T | 2 | 4 | 1 | ✓ | 4 | 4 | 3 | 4 | 4 | 1 | 1 | 1 |

Data compiled from Monsanto conducted field trials.

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NOTES

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

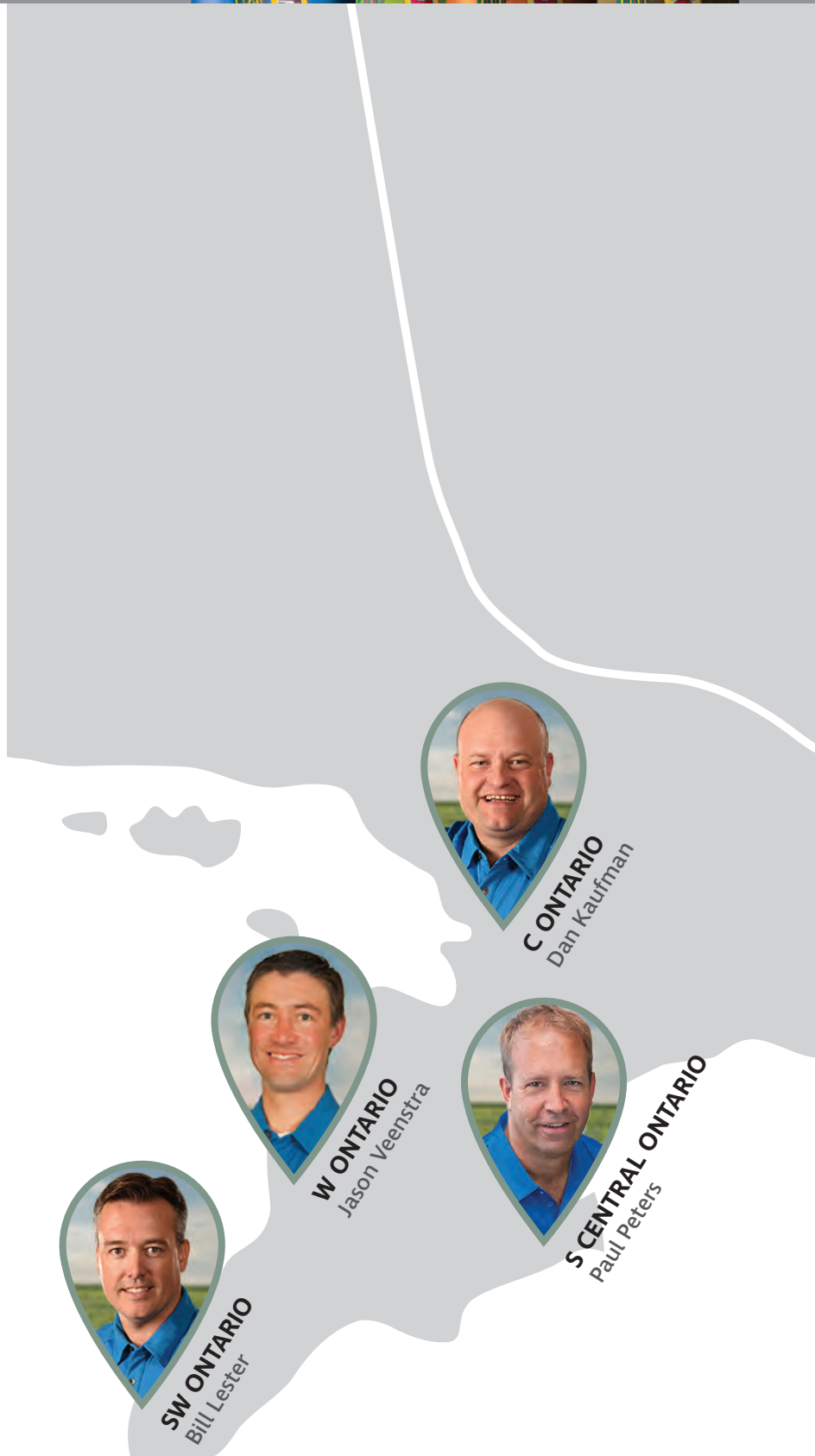
Jason MacCuaig
(613) 330-0410

SOUTH SHORE QUEBEC

Magali Hunot
(450) 210-0536

MARITIMES

Mark Groen
(613) 404-1644



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Farming/Agronomic Advice 

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



E ONTARIO/ W QUEBEC
Jason MacCuaig



S SHORE QUEBEC
Magali Hunot



MARTIMES
Mark Groen

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.

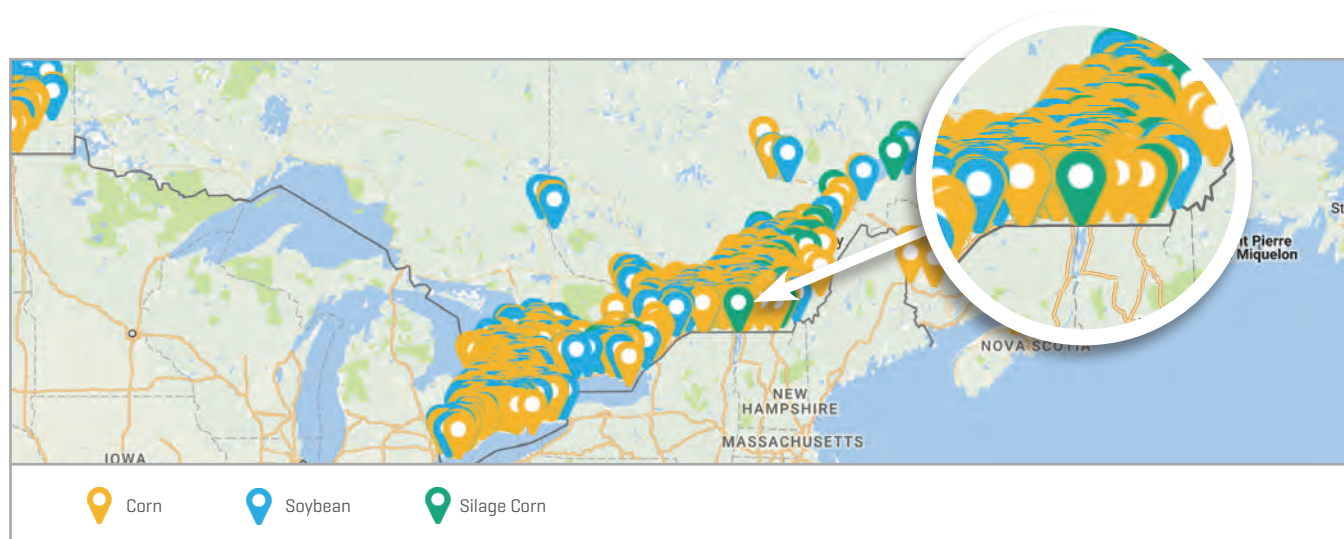
Three ways you can take advantage of these farmer-led MD Trials:

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™.



OTHER

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. 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. Tank mixtures: The applicable labeling for each product must be in the possession of the user at the time of application. Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixture. Monsanto has not tested all tank mix product formulations for compatibility or performance other than specifically listed by brand name. Always predetermine the compatibility of tank mixtures by mixing small proportional quantities in advance. Genuity®, Monsanto and Vine Design®, Roundup Ready 2 Yield®, Roundup Ready® and Roundup® are registered trademarks of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. All other trademarks are the property of their respective owners. ©2018 Monsanto Canada Inc.

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.



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

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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.