DEKALB Agronomist, Rebecca Miller, showing Peter and Martine Rastorfer local DEKALB product performance.
SOYBEAN
- 2250-2425 CHU
- 2425-2575 CHU
- 2600-2700 CHU
- 2700-2850 CHU
- 2875-3100 CHU
- 3125-3275 CHU
- 3375-3400 CHU

Soybean seed treatment options

CORN
- 2075-2175 CHU
- 2200-2450 CHU
- 2450-2650 CHU
- 2650-2725 CHU
- 2775-2875 CHU
- 2875-2950 CHU
- 2975-3100 CHU
- 3100-3300 CHU
- Silage Ready

Corn seed treatment options

Monsanto Traits
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.
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
François Montambault
(450) 577-2198

NORTH SHORE/ EASTERN QUEBEC
Hugues Thériault
(514) 452-9525

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.

YOUR DEKALB TERRITORY ACCOUNT MANAGERS
Q. How do I control glyphosate resistant weeds in a Roundup Ready 2 Xtend® soybean field?

A. 1. Roundup Ready 2 Xtend® soybeans from DEKALB offer the best new genetics in our lineup along with the option of spraying dicamba, a Group 4 herbicide that is a strong option for controlling tough to kill weeds like glyphosate resistant fleabane, and giant and common ragweed.

2. Choose Monsanto dicamba based herbicides such as XtendiMax® and Roundup Xtend™ with VaporGrip® technology.

3. Always use dicamba in your first herbicide pass over the field for early season knockdown and take advantage of the residual component for up to 14 days on germinating broadleaf weeds. This controls emerged weeds early and help keep your soybeans clean through the critical weed free timing to help maximize your DEKALB soybean yields.

4. Always include use a second effective mode of action in the spray tank for long term control of glyphosate resistant weeds.

5. With any other questions about the Roundup Ready® Xtend Crop System, contact your DEKALB or Retail rep. Our agronomy team, sales reps, and dealer network have been extensively trained and have hands-on experience with this system and would be happy to help you.

Bob Thirlwall,
DEKALB Agronomist, Glencoe ON

Q. Why would I use a dual-purpose hybrid for my silage needs and not a silage specific hybrid?

A. Our studies have shown that a well selected dual-purpose silage hybrid can meet or exceed many of the qualities found in silage specific hybrids.

In addition to the higher starch content of silage specific hybrids, qualities of a dual-purpose hybrid that usually improve on farm silage selection are features like:

- better corn disease tolerance
- improved standability
- more trait options for in-field insect protection which can lead to higher milk per acre calculations

The selection of a dual-purpose hybrid also allows for harvest of grain in years where silage yield is beyond expectation where some silage specific hybrids will only ever be useful as forage.

All DEKALB hybrids are tested for a minimum of two years to establish if the digestibility and energy content are high enough to rate the hybrid as a Silage Ready™ product.

Sean Cochrane,
DEKALB Agronomist, Greely ON
Q. Should I push my maturity on corn to increase yield?

A. Spreading out corn maturities across your acres can decrease your risk of disease and insect pressure and mitigate the effects of adverse environmental conditions like drought at flowering time. On top of that, it can also spread out your harvest timing. I recommend growing three hybrids on your farm:

- 20% early maturity,
- 60% average maturity; and,
- 20% late maturity.

Other factors to consider when choosing corn hybrids are your average planting date, average CHU each year, and what moisture are you comfortable with harvesting at. Remember to choose the hybrid that is the best fit for your farm by considering soil type, tillage, farm yield potential, previous crop etc. Focusing on selecting the hybrid that matches the appropriate needs of that field will gain you more yield than stretching your maturity.

Rebecca Miller,
DEKALB Agronomist, Guelph ON

Q. Why should I be excited about the DEKALB Brand’s Roundup Ready 2 Xtend® soybean lineup?

A. The DEKALB portfolio has so much genetic depth and the agronomy team, sales reps, and our dealer network have had “hands-on” experience testing the new trait in the field prior to launch. I think farmers should be excited growing DEKALB Roundup Ready 2 Xtend soybeans for the new genetics alone. The fact that the new technology delivers an additional mode of action, enhanced weed control for tough-to-kill broadleaf weeds and the potential for higher yields are all a bonus. I am looking forward to helping farmers discover the new genetic wave of DEKALB Roundup Ready 2 Xtend soybeans.

Darryl Whittington,
DEKALB Agronomist, Tillsonburg ON

Q. How should I choose what DEKALB corn hybrid or DEKALB soybean variety to grow in the upcoming season?

A. DEKALB has a formidable line-up across all maturities, with products that can be specifically recommended for a farmer’s unique situation. I always ask each farmer several questions to help me understand their fields and their management practices. Based on their practices and the information DEKALB generates through our extensive on-farm MD trials, I can make precise recommendations of products and provide a farmer with a clear understanding of the experience they can expect to have with each product.

Todd Woodhouse,
DEKALB Agronomist, Elora ON
**SOYBEAN SEED SELECTIONS**

**DKB0008-39**  **000.8 RM  2250 CHU**
- Medium height variety with very good standability
- Excellent emergence and seedling vigor
- Excellent tolerance to White Mould
- Suitable for all soil types and row widths
- Performs best in medium to high yield environments and excels when placed in proper maturity zone

**22-60RY**  **000.9 RM  2275 CHU**
- Resistance to Soybean Cyst Nematode
- Very good field tolerance to Phytophthora Root Rot
- Very good Iron Chlorosis tolerance
- Best suited for narrow row widths and higher populations

**23-11RY**  **000 RM  2300 CHU**
- Very good field tolerance to Phytophthora Root Rot
- Excellent Iron Chlorosis tolerance
- Medium-to-tall variety, well suited to tougher growing conditions
- Performs well on all soil types, in all yield environments

**23-60RY**  **00.2 RM  2350 CHU**
- Very tall variety which stands well
- Well suited to clay soils
- A proven yield performer over a number of years
- 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

**DKB003-29**  **00.3 RM  2375 CHU**
- Medium-to-tall height, branchy variety
- Resistance to Soybean Cyst Nematode
- Excellent tolerance to White Mould
- Well suited to tough, low productivity growing conditions as well as high yield environments

**NEW DKB0008-39**
- Not available for 2019 commercial launch

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**EMERGENCE***

**STANDABILITY***

**WHITE MOULD TOLERANCE***

**SCN**

**ROUNDUP READY 2 XTEND SOYBEANS**

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**EMERGENCE***

**STANDABILITY***

**PRR FIELD TOLERANCE***

**WHITE MOULD TOLERANCE***

---

**EMERGENCE***

**STANDABILITY***

**PRR FIELD TOLERANCE***

**WHITE MOULD TOLERANCE***

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**EMERGENCE***

**STANDABILITY***

**PRR FIELD TOLERANCE***

**WHITE MOULD TOLERANCE***

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### Data compiled from Monsanto conducted field trials.

### Not available for 2019 commercial launch

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<th>Disease/Pest Characteristics</th>
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<td>CHU</td>
<td>Pubescence</td>
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* Not available for 2019 commercial launch

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<th>Pubescence</th>
<th>Rating Scale</th>
<th>Value-Added Trait</th>
<th>Hilium Colour</th>
<th>Soil Type</th>
<th>Recommendations</th>
<th>Seed Size Categories</th>
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<tr>
<td>T = Tall</td>
<td>G = Grey</td>
<td>1-2 = Excellent</td>
<td>GENRR2Y = Genuity®</td>
<td>BR = Brown</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>
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<td>LT = Light Tawny</td>
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<td>IB = Imperfect Black</td>
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<td>- = Not available</td>
<td>9 = Poor</td>
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<td>GR = Grey</td>
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<tr>
<th>Variety</th>
<th>RM</th>
<th>CHU</th>
<th>Description</th>
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</thead>
</table>
| **24-12RY** | 00.5| 2425  | • Very good standability  
• Very good field tolerance to Phytophthora Root Rot  
• Well suited to all row widths and soil types  
• Performs best in high fertility situations |
| **DKB005-52** | 00.5| 2425  | • Tall height with excellent standability  
• Excellent tolerance to White Mould  
• Resistance to Soybean Cyst Nematode with an excellent tolerance to Phytophthora Root Rot  
• Well suited to all soil types and row widths with an excellent agronomic package |
| **DKB006-29** | 00.6| 2450  | • Medium height, very branchy variety with excellent standability  
• Excellent tolerance to White Mould  
• Well suited to highly productive loam soils |
| **DKB008-81** | 00.8| 2500  | • Excellent standability and White Mould tolerance  
• Very good field tolerance to Phytophthora Root Rot and Iron Chlorosis  
• A branchy plant, well suited to all row widths  
• Excellent agronomic package  
• Will excel in high fertility conditions where White Mould and excessive growth are a concern |
| **25-10RY** | 00.8| 2500  | • 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 |
| **DKB01-11** | 0.1 | 2575  | • Resistance to Soybean Cyst Nematode with a very good field tolerance to Phytophthora Root Rot  
• 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 |
<table>
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<tr>
<th>VARIETIES</th>
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<td>M</td>
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**LEGEND**

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

- **Pubescence**
  - G = Grey
  - T = Tawny
  - LT = Light Tawny

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

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

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

- **Soil Type**
  - CL-C = Clay Loam, Clay
  - ALL = All soil types
  - SL-CL = Sandy Loam, Loam, Clay Loam

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

- **Data compiled from Monsanto conducted field trials.**

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

**NOTES**

...
**Soybean Seed Selections**

**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”

**DKB03-95** 0.3 RM 2625 CHU
- Very tall variety with excellent seedling vigor and emergence
- Very good field tolerance to Phytophthora Root Rot
- Excellent tolerance to Brown Stem Rot
- Will perform in tough growing conditions including no-till situations and heavy clay

**DKB04-41** 0.4 RM 2650 CHU
- Excellent standability and White Mould tolerance
- Excellent field tolerance to Phytophthora Root Rot
- Medium height, branchy, well suited to all soil types and row widths

**DKB06-43** 0.6 RM 2700 CHU
- Medium height, branchy variety, with excellent standability
- Resistance to Soybean Cyst Nematode
- Excellent field tolerance to Phytophthora Root Rot
- Very good tolerance to Brown Stem Rot
- Well suited for all soil types and wide rows
- Fits well in no-till systems

**DKB06-61** 0.6 RM 2700 CHU
- Resistance to Soybean Cyst Nematode
- Very good field tolerance to Phytophthora Root Rot
- Excellent field tolerance to White Mould
- Well suited to all soil types and row widths

**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

**NEW**

**DKB03-95** 0.3 RM 2625 CHU
- Very tall variety with excellent seedling vigor and emergence
- Very good field tolerance to Phytophthora Root Rot
- Excellent tolerance to Brown Stem Rot
- Will perform in tough growing conditions including no-till situations and heavy clay

**DKB04-41** 0.4 RM 2650 CHU
- Excellent standability and White Mould tolerance
- Excellent field tolerance to Phytophthora Root Rot
- Medium height, branchy, well suited to all soil types and row widths

**DKB06-43** 0.6 RM 2700 CHU
- Medium height, branchy variety, with excellent standability
- Resistance to Soybean Cyst Nematode
- Excellent field tolerance to Phytophthora Root Rot
- Very good tolerance to Brown Stem Rot
- Well suited for all soil types and wide rows
- Fits well in no-till systems

**DKB06-61** 0.6 RM 2700 CHU
- Resistance to Soybean Cyst Nematode
- Very good field tolerance to Phytophthora Root Rot
- Excellent field tolerance to White Mould
- Well suited to all soil types and row widths
- Fits well in no-till systems
### AGRONOMIC RATINGS

<table>
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<tr>
<th>VARIETIES</th>
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**LEGEND**

- **Plant Height**
  - T = Tall
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- **Pubescence**
  - G = Grey
  - T = Tawny
  - LT = Light Tawny

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

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

- **Hilum Colour**
  - BR = Brown
  - BF = Buff
  - IB = Imperfect Black
  - BL = Black
  - GR = Grey
  - IY = Imperfect Yellow

- **Average Seed Per KG**

- **Soil Type**
  - 7”
  - 15”
  - 30”

- **PRR Field Tolerance**
  - Susc

- **PRR Resistance Gene**
  - Rps 1c

- **White Mould Tolerance**

- **Brown Stem Rot**

- **Sudden Death Syndrome**

- **Iron Chlorosis**

- **Soybean Cyst Nematode**

Data compiled from Monsanto conducted field trials.

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

**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

**DKB09-91 0.9 RM 2775 CHU**
- Resistance to Soybean Cyst Nematode
- Rps 3a gene and excellent field tolerance to Phytophthora Root Rot
- Well suited to wide rows and tougher growing conditions
- Tall, branchy variety best suited to no-till situations

**28-15RY 1.0 RM 2800 CHU**
- Excellent tolerance to White Mould
- Excellent emergence and standability
- Excellent field tolerance to Phytophthora Root Rot
- Well suited to all soil types and row widths
- Well suited to high yield environments at lower populations

**DKB10-54 1.0 RM 2800 CHU**
- Medium height, branchy variety
- Very good standability
- Excellent field tolerance to Phytophthora Root Rot
- Suitable for all row widths and yield environments

**28-60RY 1.1 RM 2850 CHU**
- Excellent emergence and early season growth
- Resistance to Soybean Cyst Nematode
- Adaptable variety that moves south as an early variety
- Performs well at medium to low populations
- Very good choice for no-till
<table>
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</table>

**LEGEND**

- **Plant Height**: T = Tall, M = Medium, S = Short
- **Pubescence**: G = Grey, T = Tawny, LT = Light Tawny
- **Rating Scale**: 1-2 = Excellent, 3-4 = Very Good, 5-6 = Good to Average, 7-8 = Fair to Poor, 9 = Poor, - = Not available
- **Value-Added Trait**: GENRR2Y = Genuity® Roundup Ready 2 Yield®
- **Hilium Colour**: BR = Brown, BF = Buff, IB = Imperfect Black, BL = Black, GR = Grey, IY = Imperfect Yellow
- **Soil Type**: CL-C = Clay Loam, Clay

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

**NOTES**

Data compiled from Monsanto conducted field trials.

NEW

15
**SOYBEAN SEED SELECTIONS**

**DBK12-57** 1.2 RM 2875 CHU
- Medium height, branchy variety, best suited to wide rows
- Resistance to Soybean Cyst Nematode
- Very good field tolerance to Phytophthora Root Rot
- Very good White Mould tolerance
- Suitable for all soil types and agronomic situations

**DBK17-34** 1.7 RM 3000 CHU
- Medium height variety, well suited to all soil types and row widths
- Resistance to Soybean Cyst Nematode
- Excellent field tolerance to Phytophthora Root Rot
- Very good tolerance to White Mould
- Will perform well in both tough growing conditions as well as productive soils

**DBK20-14** 2.0 RM 3075 CHU
- Tall variety with very good standability
- Excellent seedling vigor and emergence
- Resistance to Soybean Cyst Nematode
- Very good field tolerance to Phytophthora Root Rot
- Very good tolerance to Brown Stem Rot
- Suitable for all growing conditions including no-till clay situations

**DBK21-11** 2.1 RM 3100 CHU
- Resistance to Soybean Cyst Nematode
- Medium-to-tall plant height and very branchy
- Well suited to all soil types and row widths
- Very good emergence, seedling vigour and standability
- Very good Sudden Death Syndrome and Phytophthora Root Rot disease package

**DBK14-41** 1.4 RM 2925 CHU
- Medium height, very robust and branchy variety
- Resistance to Soybean Cyst Nematode, Sudden Death Syndrome and Brown Stem Rot
- Very good field tolerance to Phytophthora Root Rot
- Will excel in no-till environments and wide rows
### Varieties

<table>
<thead>
<tr>
<th>VARIETIES</th>
<th>PLANT CHARACTERISTICS</th>
<th>SEED CHARACTERISTICS</th>
<th>PRODUCTION CHARACTERISTICS</th>
<th>ROW WIDTH</th>
<th>DISEASE/PEST CHARACTERISTICS</th>
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**Legend**

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

- **Pubescence**
  - G = Grey
  - T = Tawny
  - LT = Light Tawny

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

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

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

- **Soil Type**
  - CL-C = Clay Loam, Clay
  - ALL = All soil types
  - SL-CL = Sandy Loam, Clay Loam

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

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

**NOTES**

Data compiled from Monsanto conducted field trials.
<table>
<thead>
<tr>
<th>Variety</th>
<th>RM</th>
<th>CHU</th>
<th>Features</th>
</tr>
</thead>
</table>
| DKB22-21   | 2.2 | 3125 | • Resistance to Soybean Cyst Nematode  
• Rps 1c resistance gene and very good field tolerance to Phytophthora Root Rot  
• Excellent standability on all soils  
• Excellent White Mould tolerance  
• Well suited to highly fertile soils |
| DKB24-41   | 2.4 | 3175 | • Medium-to-tall, slender variety that stands well with a very strong fit on clay  
• Resistance to Soybean Cyst Nematode  
• Rps 1c resistance gene and excellent field tolerance to Phytophthora Root Rot  
• Excellent tolerance to Sudden Death Syndrome |
| DKB26-61   | 2.6 | 3225 | • Resistance to Soybean Cyst Nematode  
• Tall plant, excellent no-till adaptability  
• Well suited to all row widths and soil types  
• Excellent disease package; peking resistance source for Soybean Cyst Nematode |
| DKB22-31   | 2.2 | 3125 | • Medium height variety with excellent standability  
• Resistance to Soybean Cyst Nematode  
• Excellent tolerance to Sudden Death Syndrome and Brown Stem Rot  
• Well suited to wide rows and tougher growing conditions |
| DKB28-81   | 2.8 | 3275 | • Broad acre variety that will fit all soil types and agronomic situations  
• Resistance to Soybean Cyst Nematode  
• Rps 1c resistance gene and a very good field tolerance to Phytophthora Root Rot  
• Excellent tolerance to Sudden Death Syndrome and Brown Stem Rot  
• Excellent standability  
• Excellent tolerance to White Mould |

**Standability**: 9 (Excellent) 8 (Very Good) 7 (Good) 6 (Fair) 5 (Poor) 4 (Very Poor) 3 (Poor) 2 (Very Poor) 1 (Poor)

**Emergence**: 9 (Excellent) 8 (Very Good) 7 (Good) 6 (Fair) 5 (Poor) 4 (Very Poor) 3 (Poor) 2 (Very Poor) 1 (Poor)

**PRR Field Tolerance**: 9 (Excellent) 8 (Very Good) 7 (Good) 6 (Fair) 5 (Poor) 4 (Very Poor) 3 (Poor) 2 (Very Poor) 1 (Poor)

**White Mould Tolerance**: 9 (Excellent) 8 (Very Good) 7 (Good) 6 (Fair) 5 (Poor) 4 (Very Poor) 3 (Poor) 2 (Very Poor) 1 (Poor)
## AGRONOMIC RATINGS

### SOYBEAN

### LEGEND

<table>
<thead>
<tr>
<th>Plant Height</th>
<th>Pubescence</th>
<th>Rating Scale</th>
<th>Value-Added Trait</th>
<th>Hilium Colour</th>
<th>Soil Type</th>
<th>Seed Size Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>M = Medium</td>
<td>T = Tawny</td>
<td>1-2 = Excellent</td>
<td>GENRR2Y = Genuity® Roundup Ready 2 Yield®</td>
<td>BR = Brown</td>
<td>CL-C = Clay Loam, Clay</td>
<td>L &lt;5500 seeds/kg</td>
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<tr>
<td>S = Short</td>
<td>LT = Light Tawny</td>
<td>3-4 = Very Good</td>
<td>RR2X = Roundup Ready 2 Xtend®</td>
<td>BF = Buff</td>
<td>ALL = All soil types</td>
<td>M 5500-6500 seeds/kg</td>
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<td></td>
<td>5-6 = Good to Average</td>
<td>SCN = Soybean Cyst Nematode</td>
<td>IB = Imperfect Black</td>
<td>SL-CL = Sandy Loam, Loam, Clay Loam</td>
<td>S &gt;6500 seeds/kg</td>
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<tr>
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<td></td>
<td>7-8 = Fair to Poor</td>
<td>RK2X = Roundup Ready 2 Xtend®</td>
<td>BL = Black</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>&gt;8 = Poor</td>
<td>SCN = Soybean Cyst Nematode</td>
<td>GR = Grey</td>
<td></td>
<td></td>
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</tbody>
</table>

* = Not available

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**NOTES**

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

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### DEKALB® BRAND SOYBEANS

<table>
<thead>
<tr>
<th>VARIETIES</th>
<th>PLANT CHARACTERISTICS</th>
<th>SEED CHARACTERISTICS</th>
<th>PRODUCTION CHARACTERISTICS</th>
<th>ROW WIDTH</th>
<th>DISEASE/PEST CHARACTERISTICS</th>
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<tr>
<td></td>
<td>Value Added Trait</td>
<td>Relative Maturity</td>
<td>CHU</td>
<td>Plant Height</td>
<td>Pubescence</td>
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<td>DKB 22-21</td>
<td>RR2X/SCN 2.2</td>
<td>3125 M G</td>
<td>IB L 5100</td>
<td>1 2 3 2</td>
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<td>DKB 22-31</td>
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<td>IB L 5100</td>
<td>2 3 3 2</td>
<td>ALL</td>
</tr>
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</table>

Data compiled from Monsanto conducted field trials.
**DBK32-21**  3.2 RM  3375 CHU

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

**DBK33-54**  3.3 RM  3400 CHU

- Medium height variety, suitable for all soil types and yield environments
- Resistance to Soybean Cyst Nematode
- Excellent field tolerance to Phytophthora Root Rot
- Excellent tolerance to Sudden Death Syndrome and Brown Stem Rot
- ExceLS in very tough growing conditions

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**NOTES**

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**NOTES**

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**NOTES**

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**NOTES**

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### DEKALB® Brand Soybeans

<table>
<thead>
<tr>
<th>VARIETIES</th>
<th>PLANT CHARACTERISTICS</th>
<th>SEED CHARACTERISTICS</th>
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<th>DISEASE/PEST CHARACTERISTICS</th>
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<td>Value Added Trait</td>
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<td>CHU</td>
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<td>IB</td>
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</table>

**LEGEND**

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

- **Pubescence**
  - G = Grey
  - T = Tawny
  - LT = Light Tawny

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

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

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

- **Soil Type Recommendations**
  - CL-C = Clay Loam, Clay
  - ALL = All soil types
  - SL-CL = Sandy Loam, Loam, Clay Loam

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

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

**NOTES**

Data compiled from Monsanto conducted field trials.
Advanced seed treatment technology you can count on.

Acceleron® Seed Applied Solutions for Soybeans:

- Improved early season vigour and stand establishment
- More complete and consistent disease protection
- Unsurpassed insect protection

**Acceleron® Seed Applied Solutions for Soybeans:**

- **Fungicides ONLY**
  - Fungicides
  - Excellent control of soil and seedborne disease including Rhizoctonia, Pythium, Fusarium, and Phytophthora.

- **Fungicides + Insecticide**
  - Fungicides
  - Excellent control of soil and seedborne disease including Rhizoctonia, Pythium, Fusarium, and Phytophthora.
  - Insecticide
  - Protection from early season pests such as bean leaf beetles, soybean aphids, seedcorn maggot, and wireworm.

| Available on all DEKALB soybean varieties* | Available on all DEKALB soybean varieties* |

*Subject to availability. See your DEKALB retailer or visit DEKALB.ca for full availability.

**Acceleron® Seed Applied Solutions for soybeans (fungicides only)** is a combination of three separate individually registered products, which together contain the active ingredients fluxapyroxad, pyraclostrobin and metalaxyl. **Acceleron® Seed Applied Solutions for soybeans (fungicides and insecticide)** is a combination of four separate individually registered products, which together contain the active ingredients fluxapyroxad, pyraclostrobin, metalaxyl and imidacloprid.

**Biological Solutions with Proven Results.**

**Optimize® ST**

For higher yield potential, order your DEKALB® brand soybean seed pre-treated with Optimize ST inoculant. The specially selected *Bradyrhizobium japonicum* inoculant and LCO [lipochitooligosaccharide] technology in Optimize ST help soybean crops by enhancing nutritional availability. Plants benefit from improved nodule formation, increased nitrogen fixation and enhanced nutrient availability to support root and shoot growth.

For your convenience, you have the option to order DEKALB brand soybean seed pre-treated with Optimize ST.

useOptimizeST.ca

**HOW THE TECHNOLOGY WORKS**

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

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.
### 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 30-32,000 plants per acre on rotated ground

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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<td>2</td>
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### DKC23-21  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 30-32,000 plants per acre on rotated ground

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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### 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

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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</tbody>
</table>

### DKC26-28RIB  2150 CHU
- Excellent emergence and early vigour
- Excellent standability
- Flowers very early for maturity
- Medium-to-tall hybrid, better dual purpose fit
- Strong staygreen and plant health through harvest
- Performs well across all soil types and yield environments

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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</table>

### 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

<table>
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<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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<td>2</td>
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</table>

### 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

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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</table>
**NOTES**

Data compiled from Monsanto conducted field trials.

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

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

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### Value-Added Trait

**RR2** = Roundup Ready® Corn 2

**SS** = SmartStax®

**VT2P** = VT Double PRO®

**GENVT3P** = Genuity® VT Triple PRO®

---

### Rating Scale

<table>
<thead>
<tr>
<th>1-2</th>
<th>3-4</th>
<th>5-6</th>
<th>7-8</th>
<th>9</th>
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<tbody>
<tr>
<td>Excellent</td>
<td>Very Good</td>
<td>Good to Average</td>
<td>Fair to Poor</td>
<td>Poor</td>
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</table>

- = Not Available

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### Legend

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

**Rating Scale**

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<thead>
<tr>
<th>Value-Added Trait</th>
<th>Herbicide Safety</th>
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<tbody>
<tr>
<td>RR2 = Roundup Ready® Corn 2</td>
<td>GR = Growth Regulator Herbicides</td>
</tr>
<tr>
<td>SS = SmartStax®</td>
<td>(Banvel®, Clarity®, Marksman®, 2,4-D)</td>
</tr>
<tr>
<td>VT2P = VT Double PRO®</td>
<td>SU = Sulfonyleurea Herbicides</td>
</tr>
<tr>
<td>GENVT3P = Genuity® VT Triple PRO®</td>
<td>(Accent®, Elm®, Ultim®)</td>
</tr>
<tr>
<td>IS = Isoxaflutole Herbicides (Converge®)</td>
<td></td>
</tr>
</tbody>
</table>

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### NEW
**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

**DKC 30-07RIB  2350 CHU**

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

**DKC 31-09RIB  2400 CHU**

- Medium-to-tall hybrid with excellent harvest appearance and top end yield
- Excellent Silage Ready™ features, including: high yield, starch and milk per acre
- Preference for mid-range final populations 32-34,000
- Good choice for short season corn on corn rotation

**DKC 30-19RIB  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

**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
### NOTES

Data compiled from Monsanto conducted field trials.

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

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

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### LEGEND

- **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 = Growth Regulator Herbicides (Banvel®, Clarity®, Marksman®, 2,4-D)
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### PRODUCTS

<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 RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEKALB® Brand Corn*</td>
<td>Value Added Trait</td>
<td>CHU-Eastern Canada</td>
<td>Relative Maturity</td>
<td>GDU - Tb Mid Pollination</td>
<td>Target Population1</td>
<td>Emergence</td>
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### NOTES

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®
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**Herbicide Safety**

- GR = Growth Regulator Herbicides (Banvel®, Clarity®, Marksman®, 2,4-D)
- SU = Sulfonylurea Herbicides (Accent®, Elim®, Ultim®)
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### NOTES

Data compiled from Monsanto conducted field trials.

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### DKC 33-78RIB  2450 CHU
- Excellent emergence and early season growth
- 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

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 8 7 6 5 4 3 2 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### DKC 34-57RIB  2550 CHU
- High yield potential
- Strong performance in all yield environments
- Flowering and drydown on target for maturity
- Performs best on loamy soils

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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<tbody>
<tr>
<td>9 8 7 6 5 4 3 2 1</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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<tbody>
<tr>
<td>9 8 7 6 5 4 3 2 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### DKC 36-30RIB  2625 CHU
- Excellent emergence and early season growth
- Excellent roots and strong stalks
- Very good late season appearance; flowers early with loose husks for good drydown
- Push populations to capture top end yield potential
- Performs well across all soil types and yield environments

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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</thead>
<tbody>
<tr>
<td>9 8 7 6 5 4 3 2 1</td>
<td></td>
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</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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<tbody>
<tr>
<td>9 8 7 6 5 4 3 2 1</td>
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</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>TEST WEIGHT</th>
<th>DRYDOWN</th>
<th>STALK STRENGTH</th>
<th>SEEDLING VIGOUR</th>
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<td>PRODUCT</td>
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<td>GROWTH</td>
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<td>DEKALB® Brand Corn*</td>
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<td>Relative Maturity</td>
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</table>

**LEGEND**

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**Value-Added Trait**

RR2 = Roundup Ready® Corn 2  
SS = SmartStax®  
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**Herbicide Safety**

GR = Growth Regulator Herbicides  
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SU = Sulfonylurea Herbicides  
(Accent®, Elm®, Ultim®)  
IS = Isoxaflutole Herbicides (Converge®)

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

**NOTES**

Data compiled from Monsanto conducted field trials.
**DKC38-55RIB 2650 CHU**
- Medium-to-tall statured hybrid that flowers early for its relative maturity
- Performs best on loamy soils
- Plant at medium to high 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

**DKC40-35RIB 2725 CHU**
- Strong, stable performing hybrid
- Versatile across all soil types and yield environments
- Incredible top end yield potential
- Great disease package
- Excellent choice for rotated corn acres

**DKC40-77RIB 2725 CHU**
- Stable hybrid with good yield potential
- Very good overall defense package
- Excellent agronomics and late season plant health
### Value-Added Trait

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

### Rating Scale

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- 9 = Poor
- Not Available

### Herbicide Safety

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- **SU** = Sulfonylurea Herbicides (Accent®, Elm®, Ultim®)
- **IS** = Isoxaflutole Herbicides (Converge®)

### NOTES

Data compiled from Monsanto conducted field trials.

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I. For more information please refer to the legend on the last page of this guide.
### DKC42-60RIB 2775 CHU
- Very good emergence and seedling growth
- Solid agronomics with very good test weight
- Very good drought tolerance
- Very good stress tolerance
- Versatile hybrid to position across all soil types and yield environments

#### TEST WEIGHT
- 9

#### DRYDOWN
- 8

#### STALK STRENGTH
- 7

#### SEEDLING VIGOUR
- 6

### DKC43-10RIB 2800 CHU
- Very good early season vigour for early planting
- Excellent drydown with high top end yield potential
- Plant at medium populations
- Tall plant type with Silage Ready™ designation; great dual purpose hybrid

#### TEST WEIGHT
- 9

#### DRYDOWN
- 8

#### STALK STRENGTH
- 7

#### SEEDLING VIGOUR
- 6

### DKC43-30 2800 CHU
- Excellent roots and very good stalk strength
- Plant at medium to medium-high populations to maximize yield potential

#### TEST WEIGHT
- 9

#### DRYDOWN
- 8

#### STALK STRENGTH
- 7

#### SEEDLING VIGOUR
- 6

### 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

#### TEST WEIGHT
- 9

#### DRYDOWN
- 8

#### STALK STRENGTH
- 7

#### SEEDLING VIGOUR
- 6

### DKC44-13RIB 2850 CHU
- Widely adapted hybrid with consistent top end yield
- Excellent roots and stalks; excellent drydown
- Excellent drought tolerance
- Performs well across all soil types and yield environments

#### TEST WEIGHT
- 9

#### DRYDOWN
- 8

#### STALK STRENGTH
- 7

#### SEEDLING VIGOUR
- 6

### 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

#### TEST WEIGHT
- 9

#### DRYDOWN
- 8

#### STALK STRENGTH
- 7

#### SEEDLING VIGOUR
- 6
### 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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<tbody>
<tr>
<td></td>
<td>Value Added Trait</td>
<td>CHU-Eastern Canada</td>
<td>Relative Maturity</td>
<td>GDU - To Td Pollination</td>
<td>Target Population</td>
<td>Emergence</td>
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**LEGEND**

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**Value-Added Trait**
- RR2 = Roundup Ready® Corn 2
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- VT2P = VT Double PRO®
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**Herbicidal Safety**
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- SU = Sulfuron Herbicides
- IS = Isoxaflutole Herbicides

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### NOTES
**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

**DKC 46-18 2875 CHU**
- Versatile hybrid with excellent agronomics and top end yield
- Excellent early season vigour for early planting
- Excellent stalks
- Very good drought tolerance, staygreen and harvest appearance
- Very good drydown
- Excellent test weight

**DKC 46-17RIB 2875 CHU**
- Versatile hybrid with excellent agronomics and top end yield
- Excellent early season vigour for early planting
- Excellent stalks
- Very good drought tolerance, staygreen and harvest appearance
- Very good drydown
- Excellent test weight

**DKC 46-82RIB 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

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- RR2 = Roundup Ready® Corn 2
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  - (Banvel® II, Clarity®, Marksman®, 2,4-D)
- SU = Sulfonylurea Herbicides
  - (Accent®, Elim®, Ultim®)
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### Data compiled from Monsanto conducted field trials.

### NOTES

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### 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 yields

**Notes:**

### 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

**Notes:**

### DKC53-72RIB 3100 CHU
- Widely adapted hybrid
- Strong agronomics and yield potential across all yield environments
- Excellent drydown

**Notes:**

### DKC49-72RIB 3000 CHU
- Top end yield potential
- 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 yield environments

**Notes:**
### Agronomic Ratings - Corn

*Data compiled from Monsanto conducted field trials.*

#### Legend

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- RR2 = Roundup Ready® Corn 2
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### Notes

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CORN  SEED SELECTIONS

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

DKC55-05RIB  3175 CHU
- Very good disease tolerance
- Strong yield potential
- Plant at medium to high populations for best results

DKC58-06RIB  3225 CHU
- Excellent yield potential
- Excellent agronomics
- Performs well across all soil types
- Plant at higher populations for best yield results

DKC57-75RIB  3250 CHU
- Broadly adapted hybrid with very good top end yield potential
- Excellent drought tolerance
- Excellent emergence and seedling growth; strong roots and stalks
- Excellent staygreen, harvest appearance and drydown
- 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
- Semi-flex ear type provides some population flexibility
- Best performance in dryland conditions but strong irrigated yield potential as well

DKC59-50RIB  3300 CHU
- Exceptional staygreen
- Excellent stalks and roots for late season standability
- Semi-flex ear type provides some population flexibility
- Best performance in dryland conditions but strong irrigated yield potential as well
### Value-Added Trait
- **RR2** = Roundup® Ready® Corn 2
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Data compiled from Monsanto conducted field trials.
DEKALB® Silage Ready™ Corn Hybrids.

Higher quality and more 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 the most potential for top quality silage and maximum 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 starch (digestible starch)**
- **High yield potential**
- **High milk per ton and milk per acre**
- **High NDF digestibility**

<table>
<thead>
<tr>
<th>HYBRID*</th>
<th>TRAIT</th>
<th>CHU GRAIN CORN</th>
<th>CHU SILAGE CORN</th>
<th>SILAGE YIELD</th>
<th>dNDF</th>
<th>% STARCH</th>
<th>MILK/TONNE</th>
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*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
CORN SEED TREATMENTS

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

**DuPont™ Lumivia® insecticide seed treatment**

- **Lumivia®** provides a novel mode of action for corn.
  - Lumivia® is the first insecticide seed treatment using Chlorantraniliprole, the active ingredient belonging to a new class of chemistry called anthranilic diamides.
  - As a seed treatment, Lumivia® is fast acting; quickly after ingestion, chlorantraniliprole causes paralysis of target pests, preventing feeding, and eventually causing death.

- Lumivia® offers fast-acting protection up to the 4-5 leaf stage against early-season insect pests such as wireworms, seedcorn maggots, cutworms, grubs, and armyworms.
  - Lumivia® quickly moves systemically upward throughout the plant from seed germination to V5 seedling stage, delivering protection to new growth.

- Lumivia® provides uniform, healthy stands for maximum yield potential.

- Lumivia® has an excellent environmental profile and seed safety.
  - When used according to label directions, Lumivia® has minimal impact on beneficial insects and pollinators, as well as other non-target organisms.
  - This selectivity, combined with robust pest control makes Lumivia® a strong tool for Integrated Pest Management (IPM) programs.

Information on DuPont™ Lumivia™ Insecticide seed treatment provided by E.I. du Pont de Nemours and Company.
Monsanto Traits. Driving Innovation.

We’re working hard to develop and deliver products that help you to be more productive and more profitable. The agricultural challenges of today provide opportunities for Monsanto traits to benefit you and the land you farm. Upcoming trait products will significantly improve yield potential by helping protect your crops against the devastation caused by diseases, drought, pests, and weeds. By increasing yields, we can help improve on-farm productivity—allowing farmers to meet the growing global demands for food, feed, and fuel.

DEKALB® SMARTSTAX® RIB COMPLETE® CORN
From ear to stalk to roots, all-in-one protection you can count on.

DEKALB® SmartStax® RIB Complete® corn hybrids combine DEKALB® genetics with SmartStax® trait technology, for the most advanced insect and weed control system available.

DEKALB® SMARTSTAX® RIB COMPLETE® CORN AT A GLANCE:
- The broadest spectrum of above– and below-ground insect protection
- Maximum yield potential for both corn-on-corn and rotated ground
- Multiple modes of action against European corn borer, corn earworm and corn rootworm
- Broad spectrum weed control
- The convenience and simplicity of refuge in the bag

DEKALB® VT DOUBLE PRO® RIB COMPLETE® CORN
Above-ground control of insects.

A great option for exceptional performance. You get dual modes of action to control above ground pests, including European corn borer, corn earworm and fall armyworm. All this, plus the simplicity and convenience of RIB Complete®, our single-bag refuge solution.

DEKALB® VT DOUBLE PRO® RIB COMPLETE® CORN AT A GLANCE:
- Dual modes of action for above ground protection from European corn borer, corn earworm and fall armyworm
- Refuge in the bag convenience and simplicity

DEKALB® GENUITY® VT TRIPLE PRO® RIB COMPLETE® CORN
Single-bag convenience. Protection from above and below ground insects.

DEKALB® GENUITY® VT TRIPLE PRO® RIB COMPLETE® CORN AT A GLANCE:
- Protection from above and below ground insects
- The potential for improved yields
- Reduced and simplified refuge requirements

For more information on Monsanto corn traits please visit www.genuitytraits.ca/en/corn/

To help preserve the benefits of our trait technology, an Insect Resistance Management (IRM) plan must be part of every farmer’s production strategy.

Farmers who purchase corn products that are not designated as RIB Complete® required to plant a refuge that is appropriate for that product.

As part of the IRM plan for RIB Complete corn, experts recommend that growers incorporate crop rotations (out of corn), use of pyramided traits for below ground pests and, when appropriate, use of insecticides to minimize selection of resistant populations. Farmers should monitor their RIB Complete corn fields for targeted insect pests and contact their local Monsanto representative, retailer, or Monsanto’s Technical Support line at 1-800-667-4944 if they observe any unusual performance problems.
**DEKALB® GENUITY® ROUNDUP READY 2 YIELD® SOYBEANS**

More beans per pod, more bushels per acre.

In your soybean fields, the name of the game is yield. Through extensive gene mapping and advanced trait insertion technology, DEKALB® Genuity® Roundup Ready 2 Yield® soybeans deliver outstanding yield potential. It’s the next generation of the Roundup Ready® trait technology you already know and trust.

In addition to this technology, our lineup of DEKALB® soybeans includes varieties with resistance to Soybean Cyst Nematode (SCN), as well as products offering disease tolerance, and strong vigour, emergence and standability.

**DEKALB® GENUITY® ROUNDUP READY 2 YIELD® SOYBEANS AT A GLANCE:**
- Greater yield potential compared to original Roundup Ready® soybeans
- Incorporates advanced gene mapping that positively impacts yield
- You get more pods per plant, more beans per pod, and more bushels per acre
- A simple, dependable, flexible weed control system with proven crop safety

**The DEKALB® brand team knows Roundup Ready 2 Xtend® Soybeans**

**ROUNDUP READY 2 XTEND® SOYBEANS AT A GLANCE:**
- **Early weed control**
- **Residual benefit**
- **System, combined with the newest genetics from DEKALB, delivers higher yield potential**

DEKALB® Roundup Ready 2 Xtend® soybeans have the same leading genetics and performance that soybean growers have come to expect from the DEKALB brand. The DEKALB® brand is offering Roundup Ready 2 Xtend® soybean varieties ranging from 000.8 – 3.3 RM; the most products across the greatest range in maturities.

The DEKALB team has been extensively trained on this crop system and, through small-scale and field-scale testing, has the most experience with Roundup Ready 2 Xtend soybean varieties. Call 1-84-GO-DEKALB with any questions you have for our expert agronomy team.

The Roundup Ready® Xtend Crop System is what’s next in weed control technology. Built upon the high yielding trait and flexible weed control of the Genuity® Roundup Ready 2 Yield® system paired with an added herbicide tolerance to dicamba, the Roundup Ready Xtend Crop System is a step forward in soybean technology.

**Increased Weed Control = More Potential Bushels per Acre = More Potential Profit per Acre**

Want to learn more? Visit [cleanfields.ca](http://cleanfields.ca) and [genuitytraits.ca](http://genuitytraits.ca) for information on the trait platform, the crop system and the DEKALB varieties you can grow on your farm.
THE NEXT STEP IN WEED CONTROL FOR YOUR ROUNDUP READY 2 XTEND® SOYBEANS

Herbicide formulations developed for use in the Roundup Ready® Xtend Crop System

DICAMBA: THE PERFECT PARTNER TO GLYPHOSATE

Monsanto chose dicamba for the Roundup Ready® Xtend Crop System for a number of reasons:

- Dicamba pairs well with glyphosate because of their similar rapid uptake and translocation profiles
- Dicamba offers some residual activity, which helps you start clean and maximize yield potential as part of a complete weed control program
- Dicamba has been shown to improve weed control performance and consistency while controlling tough-to-control weeds

Glyphosate only

Glyphosate and dicamba

Helps manage weed resistance by controlling glyphosate-resistant weeds

Post-emergence control of glyphosate-resistant Canada fleabane in Roundup Ready 2 Xtend® soybeans. Source: 2015 University of Guelph trials, Ridgetown, ON.

Reduces early weed competition through short-term residual control

Residual control of broadleaf weeds. Picture taken at 14 days after planting. Source: 2015 Monsanto Centre of Xcellence, Oakville, MB.

CHOSE THE BEST OPTION FOR YOUR FIELD AND FARM

The high-yielding Roundup Ready 2 Xtend® soybeans are tolerant to both glyphosate and dicamba. Choose the chemistry option that is right for you to protect your soybeans from weed pressure and help manage herbicide resistance:

- Glyphosate only
- Glyphosate and dicamba
- Control

The only low volatility dicamba and glyphosate pre-mix herbicide formulated, for convenience of use.

This low volatility dicamba straight-goods formulation is designed to be tank mixed with the best glyphosate choice for your field: Roundup WeatherMAX® or Roundup Transorb® HC.
Herbicide formulations developed for use in the Roundup Ready® Xtend Crop System

THE NEXT STEP IN WEED CONTROL FOR YOUR ROUNDUP READY® XTEND® SOYBEANS

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Proper herbicide application is crucial. Further information for spraying on target and minimizing drift, can be found at: https://www.genuitytraits.ca/en/soybeans/roundup-ready-xtend-crop-system/application-requirements/

Application Requirements

**NOZZLES**
- Use nozzles and operating pressures that produce Extremely Coarse (XC) to Ultra Coarse (UC) droplets to minimize drift

**WEED HEIGHT**
- Spray weeds less than 10 cm tall

**LABEL BUFFER**
- Maintain the required label buffer to protect sensitive areas

**GROUND SPEEDS**
- Make sure ground speed is less than 25 km/h

**TRIPLE RINSE**
- Use triple rinse tank clean-out procedure

**BOOM HEIGHT**
- Maintain boom height 50 cm above crop canopy to reduce the risk of drift

**WIND SPEED**
- Optimal wind speeds for application typically occur between 5 and 15 km/h

**AMMONIUM SULFATE**
- Ammonium sulfate and ammonium-based additives are restricted in applications

**WATER VOLUME**
- Minimum carrier volume is 10 GPA

**NOTES**

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.
FEEL THE PULSE
OF THE LAND
IN THE PALM
OF YOUR HAND

Uncover insights from your unique field data.
If your acres could talk, what would they say? Now you can hear more clearly what your land is telling you with Climate FieldView™, an integrated digital platform that helps you optimize resources and maximize yield. With simple data collection and storage, easy-to-use digital tools, and science-driven insights, Climate FieldView is your data partner to support the decisions you make every day.

Get started today at ClimateFieldView.ca.

Our services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, commodities broker and other service professionals before making financial, risk management, and farming decisions. Information and recommendations we provide do not modify your rights under insurance policies purchased through our affiliates. More information at http://www.climate.com/disclaimers. iPad® is a registered mark of Apple, Inc.
Climate FieldView™ is a trademark of The Climate Corporation. ©2017 The Climate Corporation. All Rights Reserved.
**CORNS**

**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.

**TARGET POPULATION**

Final plant population 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.

**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.

**SOYBEANS**

**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, 4, 5, 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
PETER RASTORFER
16 YEARS FARMING, SECOND GENERATION, MONKTON, ON