



ALWAYS BY  
YOUR SIDE

# MAIZE PRODUCT GUIDE 2026

FIELDVIEW

Roundup<sup>®</sup>  
HERBICIDE

acceleron<sup>®</sup>





התאחדות המגדלים  
המקצועית



# INDEX

Welcome to your go-to guide on all things maize. This compact overview is designed to highlight our maize offering, created with you – the legends of South African agriculture – in mind.

Let's talk about how we can shape the right solution for your unique farming needs.

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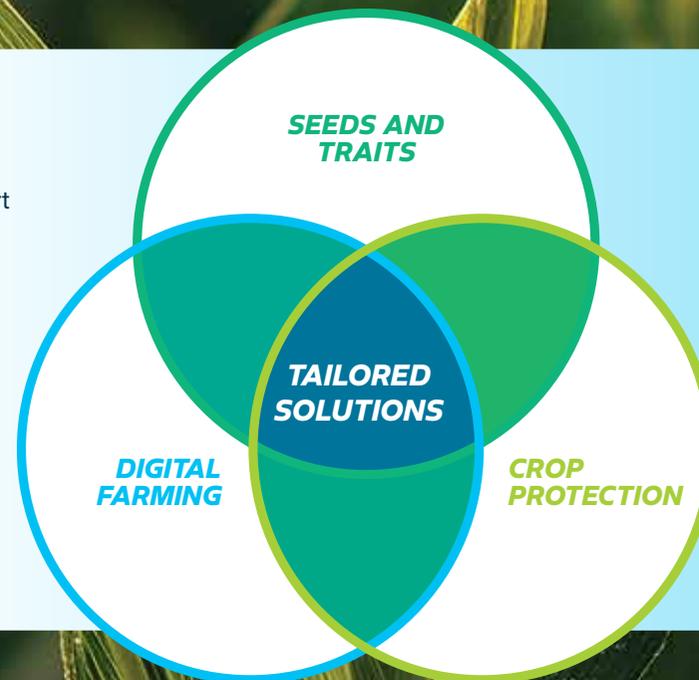


# ALWAYS BY **YOUR SIDE**

In South Africa, every maize season's success rests on the dedication of farmers like you – putting in the time, effort, and heart for a journey that is challenging, yet deeply rewarding.

**Bayer** is by your side as a trusted partner, supporting you from planting to harvest with high-performing hybrids, crop protection, and digital tools – all backed by a passionate team of local experts.

Through continuous investment in Research & Development, we bring new technologies to help you achieve even better results in future seasons. With **Bayer**, you can farm with confidence and reach your goals – season after season.



# Plant the #BAYERbenefit ...

The #BAYERbenefit is more than just products – it's a comprehensive package that brings together advanced innovations and practical solutions for maize production.

## OUR TRIPLE SUPPORT STRUCTURE:

### HYBRIDS



Optimise your yield potential with our comprehensive range of **DEKALB®** hybrids. Our hybrids are tailored to your farm's needs and offer built-in protection to shield your crops from insects, weeds and diseases.

### CROP PROTECTION



Protect your hybrids from the start. **Bayer's** product range contains diverse solutions to offer optimal protection against insects, diseases and weeds.

### DATA



Harness the power of data-driven decision-making with **Bayer's** innovative digital platform, **FieldView™**. Take your farming to new heights with real-time insights from planting to harvesting.

# OUR INTEGRATED PORTFOLIO

## ALWAYS THE RIGHT SOLUTION

Our solutions ensure that you are **never alone on your journey**, from seasonal planning, to planting, to harvesting. With the **#BAYERbenefit**, you can rest assured that your crops are in good hands, season after season.

6

### HARVEST

Enjoy the **#BAYERbenefit** of a successful harvest. Use **FieldView™** and gather critical data to make future decisions easier.

**FIELDVIEW™**



5

### CROP MAINTENANCE

Monitor and record any weeds, disease, or pest activity on your **FieldView™** platform and manage any other threats to your crops with our comprehensive range of products.

**FIELDVIEW™**



**BAYER**

1

### PLANNING

Consult previous seasons' **FieldView™ Data** to help you make the right hybrid decisions based on your growing conditions with our built-in traits for **DEKALB®** maize: **Roundup Ready® MAIZE 2**, **YieldGard® MAIZE 2** and soybeans: **INTACTA RR2 PRO®**. Take into account previous seasons' disease, pest and weed irregularities.



2

### PLANTING

Consult your **FieldView™ DATABASE**. Decide on the best planting density for your fields, optimal timing and protect your investment with our complete **SeedGrowth™** offer.



3

### WEED MANAGEMENT

Pick the best solution among our high-performing and flexible herbicide products to clear your fields from weeds and boost your crops' performance through the season.



4

### DIGITAL MONITORING

Monitor and manage the field health of your crop throughout the season with **FieldView™**.



# DEKALB® HYBRIDS 2026



## POWERFUL HYBRIDS READY FOR ANY CHALLENGE

The DEKALB® brand is here for farmers who strive to do more, who continuously aim higher, and who dedicate themselves to choosing seed with strong performance potential. Whatever your goals may be, you can count on finding a hybrid suited to your needs.

 **acceleron**®

 **Roundup**  
HERBICIDE

 **Roundup  
Ready<sup>2</sup>**  
MAIZE

**YieldGard**®  
MAIZE 2



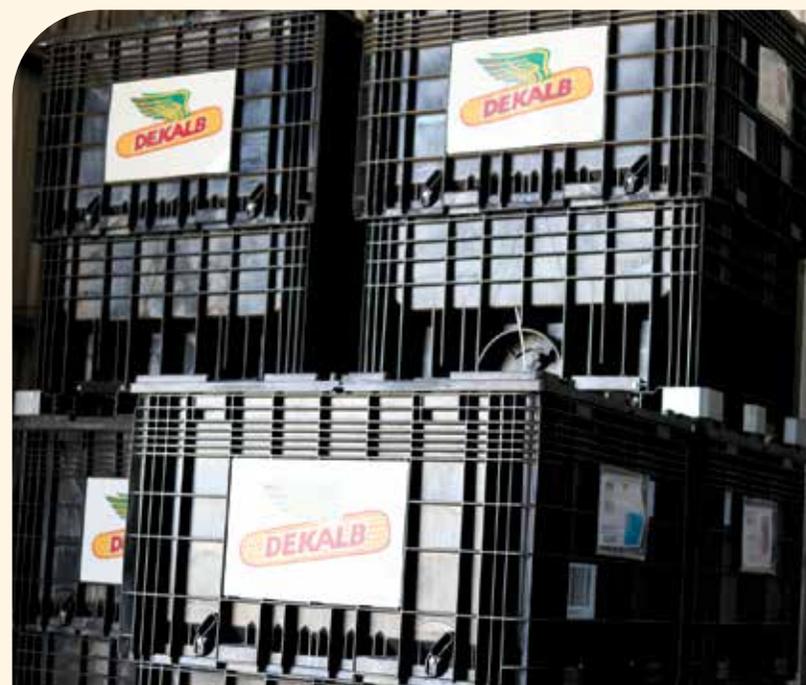


# DEKALB® TOP SEED GENETICS AND TECHNOLOGY

DEKALB® offers a full-package solution to help farmers reach optimal yields. Whether you need to combat insect pests, simplify your weed control efforts, or increase productivity, you can rest assured that you will be able to address all these needs on every hectare planted with DEKALB®.

## PACKED WITH BENEFITS A WORLD OF POSSIBILITIES

Each bag of DEKALB® maize has been designed for easy on-farm use. Not only do the bags protect the seed, but they are also colour-coded for easy identification of the specific biotechnology traits associated with the various hybrids. For those who prefer to buy seed in bulk, we also provide DEKALB® maize seed in bulk seed boxes for improved storage and ease of use.



## COMPREHENSIVE RANGE OF TECHNOLOGY:



 **acceleron®**

 **Roundup Ready®  
MAIZE 2**

**YieldGard®  
MAIZE 2**



 **acceleron®**

 **Roundup Ready®  
MAIZE 2**



 **acceleron®**

**YieldGard®  
MAIZE 2**



 **acceleron®**

**Acceleron® seed treatment** provides seed with protection from the start against nematodes, insects and soil and seed-borne diseases that might be present early in the season.

**Roundup Ready® MAIZE 2** offers effective broad-spectrum weed control, optimises yield potential and enables you to implement no-tillage and conservation tillage practices.

**YieldGard® MAIZE 2** offers built-in protection against maize stalk borers and the fall armyworm which minimises chemical insect control.





**TO END STRONG, YOU  
MUST START STRONG**



## ***An excellent solution to ensure good early plant development***

**To help you maximise the performance potential of your DEKALB® seed, use Acceleron® treated seed.**

Because we understand that you rely on us to provide technology-based solutions and agricultural crop protection products to maximise your farm productivity and the quality of the crop that you produce, we have worked tirelessly to deliver solutions to address your needs.

**Acceleron®** has been designed to complement, protect, and enhance **Bayer's DEKALB®** hybrids from the onset through the application of a combination of broad-spectrum insecticide, fungicide, nematicide and a new biological product, under one seed treatment umbrella. In addition, each seed is coated with a quality polymer to minimise dust and facilitate safe storage.

The **Acceleron®** seed treatment packages, available exclusively on **DEKALB®** hybrids, protect seed against a variety of early-season nematodes, insects, soil and seed-borne diseases and maximise early-season plant establishment, uniformity and vigour to ensure the best chance for a good crop.

For over a decade, our agronomists have been testing products from leading companies across the world to ensure that only the best and most suitable seed treatment products are used in the **Acceleron®** seed treatment packages. Use **Acceleron®** treated seed to enhance yield and reduce environmental stress.

## DEPENDING ON YOUR SPECIFIC NEED, YOU CAN CHOOSE FROM THE BELOW ACCELERON® SEED TREATMENT OFFERINGS:

### THE INSECT CONTROL PACKAGE

*This package provides protection against fungal disease as well as against above- and below-ground insects which can damage seed and seedlings.*

#### THIS PACKAGE CONTAINS:

- /// **Create® 300 FS** Reg. No. L10658. Contains active ingredient: Prothioconazole (triazole)
- /// **Gauche® FLEXX 600 FS** Reg. No. L6562. Contains active ingredient: Imidacloprid
- /// **EverGol® Energy 176.6 FS** Reg. No. L11351. Contains active ingredient: Prothioconazole (triazole) 76.8 g/ℓ, Metalaxyl (phenylamide) 61.4 g/ℓ and Penflufen (pyrazole carboxamide) 38.4 g/ℓ
- /// **Torque®** Reg. No. M180. Contains active ingredients: Lipo-chito-oligosaccharide (LCO SP104).

#### THIS PACKAGE HAS THE FOLLOWING BENEFITS:

- /// A systemic mode of action ensures the protection of the entire seedling.
- /// Also contains **Create® 300 FS** that suppresses cob and tassel smut.
- /// Available in higher dosage for areas where maize streak virus is an issue.
- /// **Torque®** is a biological product that supports the root health of the plant.

**Maximise your yield and crop potential from day one ... talk to your DEKALB® seed representative or broker to find out more about the benefits of the Acceleron® seed treatment packages.**

### THE NEMATODE AND INSECT CONTROL PACKAGE

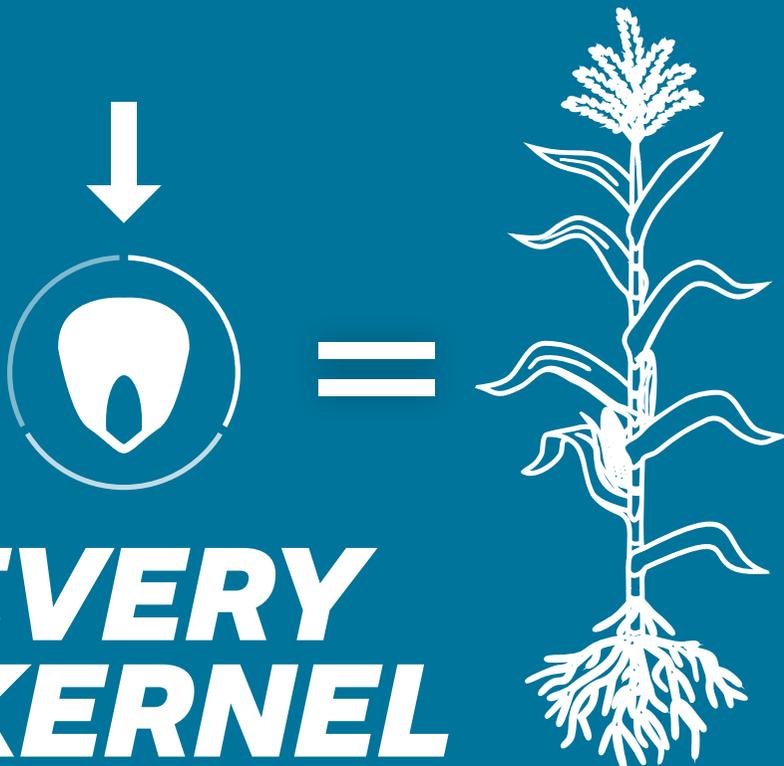
*To achieve the best results, we recommend the nematode and insect control combined package as it includes a complete fungicide, insect control for above- and below-soil insects which can damage seed and seedlings as well as a nematicide.*

#### THIS PACKAGE CONTAINS:

- /// **Avicta®** Reg. No. L8496. Contains active ingredient: Abamectin
- /// **Create® 300 FS** Reg. No. L10658. Contains active ingredient: Prothioconazole (triazole)
- /// **Cruiser® Force** Reg. No. L8597. Contains active ingredient: Thiamethoxam (neonicotinoid)
- /// **EverGol® Energy 176.6 FS** Reg. No. L11351. Contains active ingredient: Prothioconazole (triazole) 76.8 g/ℓ, Metalaxyl (phenylamide) 61.4 g/ℓ and Penflufen (pyrazole carboxamide) 38.4 g/ℓ
- /// **Torque®** Reg. No. M180. Contains active ingredients: Lipo-chito-oligosaccharide (LCO SP104).

#### THIS PACKAGE HAS THE FOLLOWING BENEFITS:

- /// Abamectin kills parasitic nematodes to provide effective protection of young roots.
- /// Ensures healthy, vigorous seedlings – early stimulation of growth promotes vigour of a crop which has a significant effect on yield.
- /// Protects seed and young seedlings to ensure optimum plant populations.
- /// Ensures strong root development from an early stage to optimise water and fertiliser usage.
- /// Protects against pests and pathogens such as *Fusarium*, *Pythium*, cob and tassel smut and maize streak virus that can negatively affect plants later in the season.
- /// Cost-effective with minimal impact on the environment.
- /// Target pest and application-specific for optimal efficacy and efficiency.
- /// Offers timeous control when needed most.
- /// High-quality products improve the ease of seed flow during planting.
- /// Available in higher dosage for areas where maize streak virus is a challenge.



# EVERY KERNEL COUNTS

LET'S HELP YOU PLANT THE  
**#DEKALBDIFFERENCE**

You play an important role in creating food security by feeding your family and community. As your partner, we offer an extensive range of products, specifically developed according to your needs.

With **DEKALB®** you get more than just advanced genetics. All **DEKALB®** hybrids include the benefits of **Acceleron®** seed treatment, ensuring your seed gets a strong start. In addition, you have access to online resources and digital farming support, as well as a range of crop protection solutions to combat diseases, weeds and insects. Get peace of mind with **Bayer's** full-package solution for maize and harvest success this season.

One of the most well-known hybrids planted by our small-scale farmers is

## **DKC73-74BR GEN**

*This hybrid is recommended for the eastern production areas and shows stable performance under variable conditions.*

### **WHITE MAIZE**

- DKC76-71**
- DKC76-73R**
- DKC76-77BR**

**DKC78-45BR GEN**

### **YELLOW MAIZE**

- DKC73-72**
- DKC73-74BR GEN**
- DKC73-76R**

- DKC74-26R**
- DKC74-20**
- DKC74-74BR**

**DKC80-40BR GEN**

**To buy these products, contact your nearest sales representative or visit a **DEKALB®** stockist in your area!**

Growing more with less  
starts with strong seed and  
effective crop protection!

# HYBRIDS FOR BIG AND SMALL



DEKALB® seed is available in different bag sizes for conventional and stacked gene hybrids:

Choose from the following DEKALB® technology:

- BLUE** – Roundup® Ready MAIZE 2 and YieldGard® MAIZE 2
- BURGUNDY** – Roundup® Ready MAIZE 2
- ORANGE** – Conventional Maize

Both yellow and white maize hybrids are available in bags:  
2 kg, 5 kg, 30 000 and 80 000 kernels.



# HYBRID CHOICE AND POSITIONING

The traits ranked in the diagram were identified by farmers as the most critical to their operations.



As your trusted on-farm partner, we are dedicated to ensuring that you maximise profit and optimise productivity. We support you with innovative technologies, high-performing hybrids with excellent disease tolerance, seed treatments, and a wide-ranging crop protection portfolio. On top of this, we also offer science-based recommendations and individualised support for your unique farming needs.

## HYBRID CHARACTERISTICS

Choosing the right hybrid for the next planting season ranks as one of the most important upfront input investments that you will make. Hybrid choice is a key element that can determine your yield and profit, even during stressful environmental conditions.

Hybrid choice boils down to choosing those hybrids best suited to your farming environment and management practices. Hybrid placement or positioning is about getting the right hybrid on the right field to reduce on-farm risks and review and evaluate all possible challenges before planting.

## Consider the following key elements before making a choice:

- /// Always verify the data and then interpret it to fit your own conditions.
- /// Evaluate data across multiple trial localities. Data from a single locality is one-dimensional and does not present a complete view of the yield potential of the hybrid. Evaluating hybrids across multiple localities allows producers to form an accurate picture of the hybrid and its stability. The acceptable norm is at least thirty localities.
- /// Use new technologies like **FieldView™** to gather on-farm data to drive decisions.
- /// Evaluate hybrid data from more than one season. It is essential to evaluate hybrids across different growing seasons. Seasons differ and substantial variations in temperatures and rainfall can occur annually. We recommend that you consider data from at least three years.

# MAIZE HYBRID CHOICE AND PLACEMENT

*The following aspects will influence hybrid choice and placement:*

## SOIL DYNAMICS

- /// Poorly drained soils – choose a hybrid with good stalk strength.
- /// Sandy dryland – look for higher prolificacy.
- /// Texture (clay percentage).
- /// Soil structure.
- /// Chemical analysis.

## PLANT POPULATION

- /// Look at hybrid recommendations as each hybrid reacts differently to planting populations.
- /// Adjust planting density according to the available moisture, the soil dynamics and expected season.
- /// Hybrids respond with notable physical attributes such as tillers, husk cover, plant and ear height and prolificacy to planting densities.
- /// High populations with tall plants can increase the risk of lodging.
- /// Position hybrids to exploit their strong points when deciding on plant populations.

## HARVEST TIMING AND MATURITY MIX

- /// Take the frost window of your particular area into consideration.
- /// If you harvest late, choose a hybrid with good standability.
- /// Different maturity hybrids spread the pollination window and reduce risk during heat stress.

## MAIZE MONOCULTURE SCENARIO

- /// Maize-on-maize is generally a more stressful environment.
- /// Monoculture leads to the build-up of pathogens over time.
- /// Choose a hybrid rated for high-stress tolerance.
- /// Disease tolerance is important when choosing hybrids for a monoculture system as grain quality issues and lodging can have a huge impact on profitability.
- /// Knowing your prevalent diseases on the farm is important for hybrid placement.

## NO-TILL NEEDS

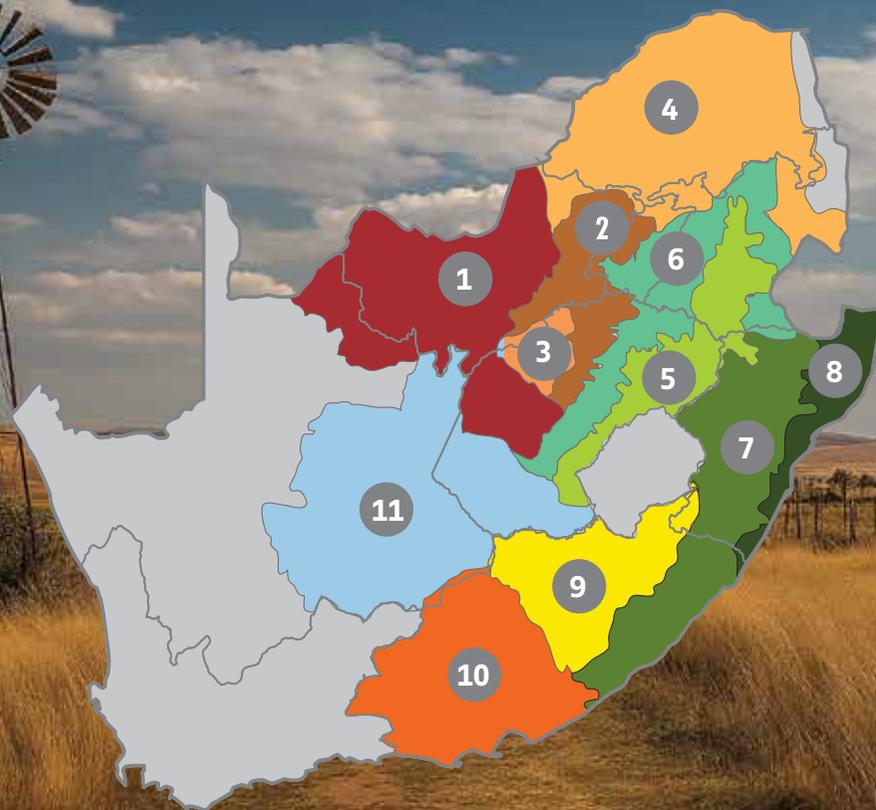
- /// Choose a hybrid with strong early-season vigour and high emergence ratings.
- /// Choose disease-tolerant genetics.

## PLANT POPULATION RECOMMENDATIONS

- /// Planting the correct plant population per hybrid in a specific environment is important to achieve the highest profit per hectare.
- /// Plant population recommendations are not a fixed number and should be interpreted to suit the needs of the specific field.
- /// If plant populations are too high, seed costs can negatively influence the profitability of your farming practice.
- /// If there are too many plants in a field, stress conditions can be induced which has a negative effect on your yield potential.
- /// Environments are defined through a combination of rainfall, temperature, soil attributes, elevation and the length of the growth season.
- /// As water (soil moisture and rainfall) is the most limiting factor for yield in South Africa, we did important population studies over different yield environments to be able to recommend plant populations for specific hybrids.
- /// There are vast differences between prolific and nonprolific hybrids regarding their reaction to plant density and environments.
- /// Plant population recommendations are based on multiseason data and experiences.
- /// Population recommendations should be verified per hybrid by the **Bayer** representative in your area.

# PRODUCTION REGIONS

South Africa's maize production regions differ in terms of potential and climate. The western drylands have lower potential, rainfall challenges, and heat stress. The eastern dryland and temperate dryland areas offer a higher potential with sporadic droughts and less heat stress. KwaZulu-Natal and the Eastern Cape areas receive sufficient rainfall and experience less heat stress, making them ideal for maize cultivation. Other areas also have their own unique circumstances. Consult the map for more information.



- 1 Dryland West:** Lower potential. Low rainfall. Mid altitude. Prone to heat stress and drought.
- 2 Dryland West:** Higher potential. Average rainfall. Mid altitude. Occasional drought and heat stress.
- 3 Dryland West:** Water-table soils. Average rainfall. Mid altitude. Occasional drought and heat stress.
- 4 Dryland West, North:** Lower potential. Low rainfall. Low-Mid altitude. Prone to heat stress and drought.
- 5 Cool Dryland East:** Mid altitude. Occasional drought. Lower heat stress.
- 6 Mild Dryland East:** Mid altitude. Occasional drought. Lower heat stress.
- 7 Inland Natal and Eastern Cape:** Sufficient rainfall. Mid altitude. Lower heat stress.
- 8 Natal Coastal:** High rainfall. Low altitude. Lower heat stress.
- 9 Northern Eastern Cape:** Occasional drought. Mid altitude. Lower heat stress.
- 10 Southern Eastern Cape:** Occasional drought. Low-Mid altitude. Lower heat stress.
- 11 Full irrigation:** Double-cropping systems. Non-geographical region.

WHITE MAIZE

- **DKC62-35R** Irrigation
- **DKC62-37BR** Irrigation
- **DKC71-71BR** Dryland West
- **DKC75-65BR** Dryland West
- **DKC76-71** Dryland East and West
- **DKC76-73R** Dryland East and West
- **DKC76-75B** Dryland East and West
- **DKC76-77BR** Dryland East and West
- **DKC77-77BR** Dryland West
- **DKC78-45BR GEN** Dryland East and West
- **DKC78-77BR** Dryland West
- **DKC79-01BR** Dryland West

- - Roundup Ready® MAIZE 2
- - YieldGard® MAIZE 2
- - Acceleron®
  
- - Roundup Ready® MAIZE 2
- - Acceleron®
  
- - YieldGard® MAIZE 2
- - Acceleron®
  
- - Conventional
- - Acceleron®

DEKALB®'s seed bags are colour-coded for easy identification of the specific biotechnology traits.



- **DKC59-32BR** Irrigation
- **DKC110-42BR** Irrigation and High Population Dryland
- **DKC60-74R** Irrigation
- **DKC60-76BR** Irrigation
- **DKC111-60BR** Irrigation
- **DKC61-60BR** Irrigation
- **DKC113-56TRE** Irrigation North
- **DKC64-50B** Irrigation and High Population Dryland
- **DKC64-52R** Irrigation and High Population Dryland
- **DKC64-54BR** Irrigation and High Population Dryland
- **DKC65-52BR** Irrigation
- **DKC65-60BR** Irrigation
- **DKC66-46R** Irrigation and High Population Dryland
- **DKC66-62** Irrigation and High Population Dryland
- **DKC66-66BR** Irrigation and High Population Dryland
- **DKC68-50** Dryland East and West
- **DKC71-46BR** Dryland East and West
- **DKC72-36** Dryland East
- **DKC72-66BR** Dryland East
- **DKC72-70** Dryland East and West
- **DKC72-72B** Dryland East and West
- **DKC72-74R** Dryland East and West
- **DKC72-76BR** Dryland East and West
- **DKC73-70B GEN** Dryland East
- **DKC73-72** Dryland East
- **DKC73-74BR GEN** Dryland East
- **DKC73-76R** Dryland East
- **DKC74-20** Dryland East and West
- **DKC74-26R** Dryland East and West
- **DKC74-74BR** Dryland East and West
- **DKC77-22** Dryland East
- **DKC77-26BR** Dryland East
- **DKC78-78BR** Dryland East and West
- **DKC80-40BR GEN** Dryland West

WHITE MAIZE

YELLOW MAIZE

DEKALB®'s seed bags are colour-coded for easy identification of the specific biotechnology traits such as **Roundup Ready® MAIZE 2** and **YieldGard® MAIZE 2**, associated with the various **DEKALB®** hybrids, and in combination with **Acceleron®** seed treatment solutions.

#### DISEASE TOLERANCE DESCRIPTION CODES

**HT – High Tolerance:** Hybrid that highly restricts the growth and/or development of the specified disease/pathogen or the damage it causes under normal disease pressure when compared to intermediate or low-tolerant hybrids. The hybrid may, however, exhibit some symptoms or damage under heavy disease pressure.

**IT – Intermediate Tolerance:** Hybrid that restricts the growth and/or development of the specified disease/pathogen or the damage it causes under normal disease pressure but may exhibit a greater range of symptoms or damage compared to highly tolerant hybrids. Hybrids with intermediate tolerance will still show less severe symptoms or damage than low-tolerance hybrids when grown under similar environmental conditions and/or disease pressure.

**LT – Low Tolerance:** Hybrid that marginally restricts the growth and/or development of the specified disease/pathogen or the damage it causes under normal disease pressure when compared to high or intermediate-tolerant hybrids. The hybrid is likely to exhibit symptoms or damage under some disease pressure and economic damage is likely under high disease pressure without other disease control interventions.

#### IRRIGATION

WHITE MAIZE HYBRID

# DKC62-37BR

#### ADVANTAGES

- /// Excellent grain quality and yield.
- /// Excellent tip covering of the ear.
- /// Higher plant and ear height.
- /// Short growth period.

#### CHARACTERISTICS

**Sun scald:** None

**Tillering:** Few

**Silk balling:** None

**Grain quality:** Excellent

**Emergence:** Good

**Yield stability:** Excellent

**Plant population:** High

**Husk Cover:** Excellent

#### SPECIFIC PROPERTIES

**Days to 50% tassel:**  
55 – 63

**Estimated relative maturity:**  
104 – 115 days

#### PLANT PROPERTIES

**Plant height (cm):**  
245 – 270

**Ear height (cm):**  
110 – 130

**Ears per plant:**  
**West:** 1  
**East:** 1

#### DISEASE TOLERANCE

**Common Rust:** High tolerance

**Stalk Rot:** High tolerance

**Maize Streak Virus:** Low tolerance

**Grey Leaf Spot:** Low tolerance

**Diplodia Ear Rot:** High tolerance

**Gibberella Ear Rot:** High tolerance

**Northern Leaf Blight:** Intermediate tolerance

**Foliar Disease:** Intermediate tolerance

#### PRODUCTION REGION:

1 2 3 4 5 6 7 8 9 10 11



NEW!

DRYLAND WEST

WHITE MAIZE HYBRID

# DKC71-71BR

### ADVANTAGES

- /// Excellent grain emergence and grain quality.
- /// Excellent yield.
- /// High tillering.
- /// Excellent disease tolerance.

### CHARACTERISTICS

- Sun scald:** None
- Tillering:** Many
- Silk balling:** None
- Grain quality:** Excellent
- Emergence:** Excellent
- Yield stability:** Excellent
- Plant population:** Medium to low
- Husk Cover:** Good

### DISEASE TOLERANCE

- Common Rust:** High tolerance
- Stalk Rot:** High tolerance
- Maize Streak Virus:** Intermediate tolerance
- Grey Leaf Spot:** Intermediate tolerance
- Diplodia Ear Rot:** High tolerance
- Gibberella Ear Rot:** Intermediate tolerance
- Northern Leaf Blight:** High tolerance
- Foliar Disease:** High tolerance

### PRODUCTION REGION:

- 1 2 3 4 5 6 7 8 9 10 11

### SPECIFIC PROPERTIES

- Days to 50% tassel:** 70 – 80
- Estimated relative maturity:** 115 – 125 days

### PLANT PROPERTIES

- Plant height (cm):** 210 – 220
- Ear height (cm):** 110 – 135
- Ears per plant:** West: 1.5 East: TBC



DRYLAND WEST

WHITE MAIZE HYBRID

# DKC78-77BR

### ADVANTAGES

- /// Excellent yield potential.
- /// Excellent disease tolerance.
- /// High number of ears per plant, especially in western regions.
- /// Very good tip covering of the ear.

### CHARACTERISTICS

- Sun scald:** None
- Tillering:** Many
- Silk balling:** None
- Grain quality:** Excellent
- Emergence:** Excellent
- Yield stability:** Good
- Plant population:** Medium
- Husk Cover:** Excellent

### DISEASE TOLERANCE

- Common Rust:** High tolerance
- Stalk Rot:** High tolerance
- Maize Streak Virus:** Intermediate tolerance
- Grey Leaf Spot:** Intermediate tolerance
- Diplodia Ear Rot:** High tolerance
- Gibberella Ear Rot:** Low tolerance
- Northern Leaf Blight:** High tolerance
- Foliar Disease:** High tolerance

### PRODUCTION REGION:

- 1 2 3 4 5 6 7 8 9 10 11

### SPECIFIC PROPERTIES

- Days to 50% tassel:** 70 – 80
- Estimated relative maturity:** 117 – 145 days

### PLANT PROPERTIES

- Plant height (cm):** 230 – 250
- Ear height (cm):** 210 – 230
- Ears per plant:** West: 1.9 East: 1.3



## IRRIGATION

YELLOW MAIZE HYBRID

# DKC113-56TRE

### ADVANTAGES

- /// Excellent grain quality.
- /// Good disease tolerance.
- /// Excellent yield stability.
- /// High plant population.

### CHARACTERISTICS

**Sun scald:** None  
**Tillering:** Few  
**Silk balling:** None  
**Grain quality:** Excellent  
**Emergence:** Good  
**Yield stability:** Excellent  
**Plant population:** High  
**Husk Cover:** Excellent

### DISEASE TOLERANCE

**Common Rust:** High tolerance  
**Stalk Rot:** High tolerance  
**Maize Streak Virus:** Intermediate tolerance  
**Grey Leaf Spot:** Intermediate tolerance  
**Diplodia Ear Rot:** Low tolerance  
**Gibberella Ear Rot:** Intermediate tolerance  
**Northern Leaf Blight:** Intermediate tolerance  
**Foliar Disease:** Low tolerance

### PRODUCTION REGION:

1 2 3 4 5 6 7 8 9 10 11

### SPECIFIC PROPERTIES

**Days to 50% tassel:**  
55 – 63  
**Estimated relative maturity:**  
104 – 115 days

### PLANT PROPERTIES

**Plant height (cm):**  
250 – 280  
**Ear height (cm):**  
110 – 130  
**Ear per plant:**  
**West:** 1  
**East:** 1



NEW!

## IRRIGATION

HIGH POPULATION DRYLAND

YELLOW MAIZE HYBRID

# DKC110-42BR

### ADVANTAGES

- /// Excellent grain quality.
- /// Strong emergence.
- /// Excellent yield stability.
- /// Ultra-short grower.

### CHARACTERISTICS

**Sun scald:** None  
**Tillering:** Few  
**Silk balling:** None  
**Grain quality:** Excellent  
**Emergence:** Good  
**Yield stability:** Excellent  
**Plant population:** High  
**Husk Cover:** Excellent

### DISEASE TOLERANCE

**Common Rust:** High tolerance  
**Stalk Rot:** High tolerance  
**Maize Streak Virus:** Intermediate tolerance  
**Grey Leaf Spot:** Intermediate tolerance  
**Diplodia Ear Rot:** Low tolerance  
**Gibberella Ear Rot:** Intermediate tolerance  
**Northern Leaf Blight:** High tolerance  
**Foliar Disease:** Intermediate tolerance

### PRODUCTION REGION:

1 2 3 4 5 6 7 8 9 10 11

### SPECIFIC PROPERTIES

**Days to 50% tassel:**  
55 – 63  
**Estimated relative maturity:**  
104 – 115 days

### PLANT PROPERTIES

**Plant height (cm):**  
250 – 280  
**Ear height (cm):**  
110 – 130  
**Ear per plant:**  
**West:** 1  
**East:** 1



NEW!

DRYLAND EAST

YELLOW MAIZE HYBRID

# DKC72-66BR

## ADVANTAGES

- /// Effective disease tolerance.
- /// Very good tip covering of the ear.
- /// Excellent yield stability.
- /// Very high plant height.

## CHARACTERISTICS

- Sun scald:** None
- Tillering:** Few
- Silk balling:** None
- Grain quality:** Good
- Emergence:** Excellent
- Yield stability:** Excellent
- Plant population:** Medium
- Husk Cover:** Good

## DISEASE TOLERANCE

- Common Rust:** High tolerance
- Stalk Rot:** High tolerance
- Maize Streak Virus:** Intermediate tolerance
- Grey Leaf Spot:** Intermediate tolerance
- Diplodia Ear Rot:** Intermediate tolerance
- Gibberella Ear Rot:** Intermediate tolerance
- Northern Leaf Blight:** High tolerance
- Foliar Disease:** High tolerance

## PRODUCTION REGION:

- 1 2 3 4 5 6 7 8 9 10 11

## SPECIFIC PROPERTIES

- Days to 50% tassel:** 70 – 80
- Estimated relative maturity:** 120 – 135 days

## PLANT PROPERTIES

- Plant height (cm):** 210 – 280
- Ear height (cm):** 95 – 120
- Ear per plant:** West: N/A East: 1.3



NEW!

DRYLAND EAST

Supplementary irrigation

YELLOW MAIZE HYBRID

# DKC77-26BR

## ADVANTAGES

- /// Excellent disease tolerance.
- /// Very good tip covering of the ear.
- /// Excellent yield stability.
- /// Very high plant height.

## CHARACTERISTICS

- Sun scald:** None
- Tillering:** Few
- Silk balling:** None
- Grain quality:** Excellent
- Emergence:** Excellent
- Yield stability:** Excellent
- Plant population:** Medium to high
- Husk Cover:** Excellent

## DISEASE TOLERANCE

- Common Rust:** High tolerance
- Stalk Rot:** High tolerance
- Maize Streak Virus:** Low tolerance
- Grey Leaf Spot:** Intermediate tolerance
- Diplodia Ear Rot:** High tolerance
- Gibberella Ear Rot:** High tolerance
- Northern Leaf Blight:** High tolerance
- Foliar Disease:** High tolerance

## PRODUCTION REGION:

- 1 2 3 4 5 6 7 8 9 10 11

## SPECIFIC PROPERTIES

- Days to 50% tassel:** 70 – 80
- Estimated relative maturity:** 120 – 135 days

## PLANT PROPERTIES

- Plant height (cm):** 190 – 220
- Ear height (cm):** 90 – 115
- Ear per plant:** West: N/A East: 1



Hybrids & Grain Colour	Target Area	CHARACTERISTICS							
		Sun Scald	Tillering	Silk Balling	Grain Quality	Emergence	Yield Stability	Plant Population	Husk Cover
<b>DKC62-35R</b>	Irrigated	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC62-37BR</b>	Irrigated	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC71-71BR</b>	Dryland West	None	Many	None	Excellent	Excellent	Excellent	Medium to low	Good
<b>DKC75-65BR</b>	Dryland West	None	Average	None	Average	Excellent	Excellent	Medium to low	Average
<b>DKC76-71</b>	Dryland East and West	None	Average	Occasionally	Excellent	Good	Excellent	Medium to low	Very Good
<b>DKC76-73R</b>	Dryland East and West	None	Average	Occasionally	Excellent	Good	Excellent	Medium to low	Very Good
<b>DKC76-75B</b>	Dryland East and West	None	Average	Occasionally	Excellent	Excellent	Excellent	Medium	Very Good
<b>DKC76-77BR</b>	Dryland East and West	None	Average	Occasionally	Excellent	Good	Excellent	Medium to low	Very Good

Please refer to page 18 for more information on the disease tolerance codes/scale applied.  
The standability risk is low for all of the respective hybrids, depending on the plant population. Talk to your advisor for more information.

	DISEASE TOLERANCE							SPECIFIC PROPERTIES		PLANT PROPERTIES				
	Common Rust	Stalk Rot	Maize Streak Virus	Grey Leaf Spot	Diplodia Ear Rot	Gibberella Ear Rot	Northern Leaf Blight	Foliar Disease	Days to 50% Tassel	Estimated Relative Maturity	Plant Height (cm)	Ear Height (cm)	Ears per Plant (West)	Ears per Plant (East)
	HT	HT	LT	LT	HT	HT	IT	IT	55 - 63	104 - 115 days	245 - 270	110 - 130	1	1
	HT	HT	LT	LT	HT	HT	IT	IT	55 - 63	104 - 115 days	245 - 270	110 - 130	1	1
	HT	HT	IT	IT	HT	IT	HT	HT	70 - 80	115 - 125 days	210 - 220	110 - 130	1.5	TBC
	HT	LT	IT	LT	HT	LT	HT	HT	70 - 80	117 - 145 days	200 - 230	105 - 130	1.9	N/A
	HT	HT	IT	LT	HT	IT	HT	HT	70 - 80	117 - 145 days	210 - 280	95 - 130	2	1.4
	HT	HT	IT	LT	HT	IT	HT	HT	70 - 80	117 - 145 days	210 - 280	95 - 130	1.9	1.3
	HT	HT	IT	LT	HT	IT	HT	HT	70 - 80	117 - 145 days	210 - 280	95 - 130	2	1.4
	HT	HT	IT	LT	HT	IT	HT	HT	70 - 80	117 - 145 days	210 - 280	95 - 130	2	1.4

Hybrids & Grain Colour	Target Area	CHARACTERISTICS							
		Sun Scald	Tillering	Silk Balling	Grain Quality	Emergence	Yield Stability	Plant Population	Husk Cover
<b>DKC77-77BR</b>	Dryland West	None	Average	None	Good	Average	Excellent	Medium to low	Average
<b>DKC78-45BR GEN</b>	Dryland East and West	None	Average	None	Excellent	Average	Excellent	Medium to low	Very Good
<b>DKC78-77BR</b>	Dryland West	None	Many	None	Excellent	Excellent	Good	Medium	Excellent
<b>DKC79-01BR</b>	Dryland West	None	Many	None	Good	Excellent	Excellent	Low to medium	Good
<b>DKC59-32BR</b>	Irrigated	None	Few	None	Excellent	Excellent	Excellent	High	Excellent
<b>DKC110-42BR</b>	Irrigated and Dryland – High Population	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC60-74R</b>	Irrigated	None	Few	None	Good	Good	Excellent	High	Excellent
<b>DKC60-76BR</b>	Irrigated	None	Few	None	Good	Good	Excellent	High	Excellent

Please refer to page 18 for more information on the disease tolerance scale applied.  
The standability risk is low for all of the respective hybrids, depending on the plant population. Talk to your advisor for more information.

DISEASE TOLERANCE								SPECIFIC PROPERTIES		PLANT PROPERTIES			
Common Rust	Stalk Rot	Maize Streak Virus	Grey Leaf Spot	Diplodia Ear Rot	Gibberella Ear Rot	Northern Leaf Blight	Foliar Disease	Days to 50% Tassel	Estimated Relative Maturity	Plant Height (cm)	Ear Height (cm)	Ears per Plant (West)	Ears per Plant (East)
HT	LT	IT	LT	IT	LT	HT	HT	68 – 78	117 – 145 days	200 – 230	90 – 110	2	N/A
HT	HT	IT	LT	HT	HT	HT	HT	68 – 78	120 – 148 days	210 – 240	95 – 130	2.1	1.5
HT	HT	IT	IT	HT	LT	HT	HT	70 – 80	117 – 145 days	210 – 220	110 – 120	1.9	1.3
IT	HT	IT	IT	HT	IT	IT	IT	70 – 80	115 – 125 days	195 – 205	100 – 110	1.6	TBC
HT	HT	LT	IT	HT	HT	IT	IT	55 – 63	104 – 115 days	250 – 280	95 – 115	1	1
HT	HT	IT	IT	LT	IT	HT	IT	55 – 63	104 – 115 days	250 – 280	120 – 130	1	1
HT	HT	IT	IT	LT	IT	IT	IT	55 – 63	104 – 115 days	250 – 280	110 – 130	1	1
HT	HT	IT	IT	LT	IT	IT	IT	55 – 63	104 – 115 days	250 – 280	110 – 130	1	1

Hybrids & Grain Colour	Target Area	CHARACTERISTICS							
		Sun Scald	Tillering	Silk Balling	Grain Quality	Emergence	Yield Stability	Plant Population	Husk Cover
<b>DKC111-60BR</b>	Irrigated	None	Few	None	Excellent	Excellent	Excellent	High	Good
<b>DKC61-60BR</b>	Irrigated	None	Few	None	Excellent	Excellent	Excellent	High	Excellent
<b>DKC113-56TRE</b>	Irrigated	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC64-50B</b>	Irrigated and Dryland – High Population	None	Few	None	Good	Excellent	Good	High	Excellent
<b>DKC64-52R</b>	Irrigated and Dryland – High Population	None	Few	None	Good	Good	Good	High	Excellent
<b>DKC64-54BR</b>	Irrigated and Dryland – High Population	None	Few	None	Good	Excellent	Good	High	Excellent
<b>DKC65-52BR</b>	Irrigated	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC65-60BR</b>	Irrigated	None	Few	None	Very Good	Good	Excellent	High	Excellent

Please refer to page 18 for more information on the disease tolerance scale applied.  
The standability risk is low for all of the respective hybrids, depending on the plant population. Talk to your advisor for more information.

DISEASE TOLERANCE								SPECIFIC PROPERTIES		PLANT PROPERTIES			
Common Rust	Stalk Rot	Maize Streak Virus	Grey Leaf Spot	Diplodia Ear Rot	Gibberella Ear Rot	Northern Leaf Blight	Foliar Disease	Days to 50% Tassel	Estimated Relative Maturity	Plant Height (cm)	Ear Height (cm)	Ears per Plant (West)	Ears per Plant (East)
IT	HT	IT	IT	HT	IT	IT	IT	55 - 63	104 - 115 days	260 - 270	120 - 130	1	1
HT	HT	LT	LT	HT	HT	IT	IT	55 - 63	104 - 115 days	245 - 270	110 - 130	1	1
HT	HT	IT	IT	LT	IT	IT	LT	55 - 63	104 - 115 days	250 - 280	110 - 130	1	1
HT	HT	LT	IT	LT	IT	IT	HT	55 - 63	104 - 115 days	255 - 280	100 - 120	1	1
HT	HT	LT	IT	LT	IT	IT	HT	55 - 63	104 - 115 days	255 - 280	100 - 120	1	1
HT	HT	LT	IT	LT	IT	IT	HT	55 - 63	104 - 115 days	255 - 280	100 - 120	1	1
HT	HT	LT	IT	LT	IT	IT	IT	55 - 63	104 - 115 days	250 - 280	95 - 115	1	1
HT	HT	IT	IT	LT	HT	HT	HT	55 - 63	104 - 115 days	245 - 270	100 - 120	1	1

Hybrids & Grain Colour	Target Area	CHARACTERISTICS							
		Sun Scald	Tillering	Silk Balling	Grain Quality	Emergence	Yield Stability	Plant Population	Husk Cover
<b>DKC66-46R</b>	Irrigated and Dryland – High Population	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC66-62</b>	Irrigated and Dryland – High Population	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC66-66BR</b>	Irrigated and Dryland – High Population	None	Few	None	Excellent	Good	Excellent	High	Excellent
<b>DKC68-50</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium	Very Good
<b>DKC71-46BR</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium to high	Very Good
<b>DKC72-36</b>	Dryland East	None	Few	None	Good	Excellent	Excellent	Medium	Good
<b>DKC72-66BR</b>	Dryland East	None	Few	None	Good	Excellent	Excellent	Medium	Good
<b>DKC72-70</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium	Very Good

Please refer to page 18 for more information on the disease tolerance scale applied.  
The standability risk is low for all of the respective hybrids, depending on the plant population. Talk to your advisor for more information.

DISEASE TOLERANCE								SPECIFIC PROPERTIES		PLANT PROPERTIES			
Common Rust	Stalk Rot	Maize Streak Virus	Grey Leaf Spot	Diplodia Ear Rot	Gibberella Ear Rot	Northern Leaf Blight	Foliar Disease	Days to 50% Tassel	Estimated Relative Maturity	Plant Height (cm)	Ear Height (cm)	Ears per Plant (West)	Ears per Plant (East)
HT	HT	LT	IT	LT	HT	LT	IT	55 - 63	104 - 115 days	250 - 280	110 - 130	1	1
HT	HT	LT	IT	LT	HT	LT	IT	55 - 63	104 - 115 days	250 - 280	110 - 130	1	1
HT	HT	LT	IT	LT	HT	LT	IT	55 - 63	104 - 115 days	250 - 280	110 - 130	1	1
HT	HT	HT	IT	IT	HT	HT	HT	70 - 80	118 - 128 days	230 - 300	105 - 125	1.6	1.2
HT	HT	HT	LT	HT	HT	HT	HT	70 - 80	120 - 135 days	210 - 240	105 - 130	1.5	1.2
HT	HT	IT	IT	IT	IT	HT	HT	70 - 80	120 - 135 days	210 - 280	95 - 120	N/A	1.3
HT	HT	IT	IT	IT	IT	HT	HT	70 - 80	120 - 135 days	210 - 280	95 - 120	N/A	1.3
HT	HT	IT	LT	HT	HT	HT	HT	70 - 80	120 - 135 days	230 - 300	105 - 125	1.7	1.2

Hybrids & Grain Colour	Target Area	CHARACTERISTICS							
		Sun Scald	Tillering	Silk Balling	Grain Quality	Emergence	Yield Stability	Plant Population	Husk Cover
<b>DKC72-72B</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium	Very Good
<b>DKC72-74R</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium	Very Good
<b>DKC72-76BR</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium	Very Good
<b>DKC73-70B GEN</b>	Dryland East	Yes	Few	None	Good	Excellent	Excellent	Medium to high	Average
<b>DKC73-72</b>	Dryland East	Yes	Few	None	Good	Excellent	Excellent	Medium to high	Average
<b>DKC73-74BR GEN</b>	Dryland East	Yes	Few	None	Good	Excellent	Excellent	Medium to high	Average
<b>DKC73-76R</b>	Dryland East	Yes	Few	None	Good	Excellent	Excellent	Medium to high	Average
<b>DKC74-20</b>	Dryland East and West	None	Many	None	Good	Good	Excellent	Medium to low	Excellent

Please refer to page 18 for more information on the disease tolerance scale applied.  
The standability risk is low for all of the respective hybrids, depending on the plant population. Talk to your advisor for more information.

DISEASE TOLERANCE								SPECIFIC PROPERTIES		PLANT PROPERTIES			
Common Rust	Stalk Rot	Maize Streak Virus	Grey Leaf Spot	Diplodia Ear Rot	Gibberella Ear Rot	Northern Leaf Blight	Foliar Disease	Days to 50% Tassel	Estimated Relative Maturity	Plant Height (cm)	Ear Height (cm)	Ears per Plant (West)	Ears per Plant (East)
HT	HT	IT	LT	HT	HT	HT	HT	70 – 80	120 – 135 days	230 – 300	105 – 125	1.7	1.2
HT	HT	IT	LT	HT	HT	HT	HT	70 – 80	120 – 135 days	230 – 300	105 – 125	1.7	1.2
HT	HT	IT	LT	HT	HT	HT	HT	70 – 80	120 – 135 days	230 – 300	105 – 125	1.7	1.2
HT	HT	HT	IT	HT	HT	HT	HT	70 – 80	122 – 138 days	190 – 220	90 – 115	N/A	1
HT	HT	HT	IT	HT	HT	HT	HT	70 – 80	122 – 138 days	190 – 220	90 – 115	N/A	1
HT	HT	HT	IT	HT	HT	HT	HT	70 – 80	122 – 138 days	190 – 220	90 – 115	N/A	1
HT	HT	HT	IT	HT	HT	HT	HT	70 – 80	122 – 138 days	190 – 220	90 – 115	N/A	1
IT	IT	HT	LT	HT	HT	HT	LT	70 – 80	120 – 135 days	200 – 230	85 – 105	1.6	1.2

Hybrids & Grain Colour	Target Area	CHARACTERISTICS							
		Sun Scald	Tillering	Silk Balling	Grain Quality	Emergence	Yield Stability	Plant Population	Husk Cover
<b>DKC74-26R</b>	Dryland East and West	None	Many	None	Good	Good	Excellent	Medium to low	Excellent
<b>DKC74-74BR</b>	Dryland East and West	None	Many	None	Good	Good	Good	Medium to low	Excellent
<b>DKC77-22</b>	Dryland East	None	Few	None	Excellent	Excellent	Excellent	Medium to high	Excellent
<b>DKC77-26BR</b>	Dryland East	None	Few	None	Excellent	Excellent	Excellent	Medium to high	Excellent
<b>DKC78-78BR</b>	Dryland East and West	None	Few	None	Good	Good	Excellent	Medium to low	Very Good
<b>DKC80-40BR GEN</b>	Dryland West	None	Average	Occasionally	Excellent	Good	Very Good	Medium to low	Excellent

Please refer to page 18 for more information on the disease tolerance scale applied.

The standability risk is low for all of the respective hybrids, depending on the plant population. Talk to your advisor for more information.

DISEASE TOLERANCE								SPECIFIC PROPERTIES		PLANT PROPERTIES			
Common Rust	Stalk Rot	Maize Streak Virus	Grey Leaf Spot	Diplodia Ear Rot	Gibberella Ear Rot	Northern Leaf Blight	Foliar Disease	Days to 50% Tassel	Estimated Relative Maturity	Plant Height (cm)	Ear Height (cm)	Ears per Plant (West)	Ears per Plant (East)
IT	IT	HT	LT	HT	HT	HT	LT	70 – 80	120 – 135 days	200 – 230	85 – 105	1.6	1.2
IT	IT	HT	LT	HT	HT	HT	LT	70 – 80	120 – 135 days	200 – 230	85 – 105	1.6	1.2
HT	HT	LT	IT	HT	HT	HT	HT	70 – 80	120 – 135 days	190 – 220	90 – 115	N/A	1
HT	HT	LT	IT	HT	HT	HT	HT	70 – 80	120 – 135 days	190 – 220	90 – 115	N/A	1
HT	HT	IT	IT	HT	IT	HT	HT	70 – 80	120 – 135 days	200 – 230	85 – 105	1.6	1.2
HT	HT	IT	IT	HT	HT	HT	HT	70 – 80	120 – 135 days	230 – 250	120 – 130	1.7	1.2

# WE HAVE THE SOLUTION

Advanced crop protection that covers every hectare

ALWAYS BY YOUR SIDE

On your journey to a successful harvest, threats are everywhere. Our broad portfolio of proven crop protection solutions supports you in overcoming those threats decisively. From weeds to pests to diseases, our integrated portfolio offers a solution for every need.



For more information on our crop protection range for maize, please scan the QR code.

# CROP PROTECTION

Fungicide

Insecticide

Herbicide

SeedGrowth™

*Explore comprehensive crop protection for maize:*

In farming, nothing exists in isolation. Everything interacts with everything else. This is why we offer you more than just seeds. We believe that an integrated offer can make all the difference for you. Discover the potential of advanced hybrids for any condition, crop protection products, and a comprehensive choice of digital resources.





## NATIVO®

**Nativo®** is a broad-spectrum fungicide registered on multiple crops including barley, maize, soybeans, potatoes, brassica vegetables, bulb vegetables and carrots. With its combination of two powerful active ingredients, it provides both preventative and eradivative activity, ensuring healthier plants, stronger yields, and better quality produce.

- /// Preventative and eradivative properties for reliable control.
- /// Broad-spectrum activity against key fungal diseases.
- /// **FITonics®** greening effect supports plant health and productivity.
- /// Proven yield and quality benefits across a wide range of crops.



Fungicides



## VELUM® 1 GR

**Velum® 1 GR** is a soil-applied nematicide that protects maize and soybean crops from damaging nematode species. By safeguarding the root system from the start, it promotes stronger plants, improved vigour, and greater yield potential.

- /// Excellent control of key nematodes (lesion, root-knot, spiral).
- /// Supports strong root and plant development.
- /// Soil application ensures early and consistent protection.
- /// Boosts yield potential while supporting soil and plant health.



Nematicide



## ZANTARA®

**Zantara®** is a systemic fungicide specially developed for the control of Northern Corn Leaf Blight and Grey Leaf Spot in maize. With two complementary active ingredients, it provides robust protection, effective resistance management, and long-lasting security for your crop.

- /// Dual modes of action: bixafen and tebuconazole.
- /// Effective against both new infections and existing diseases.
- /// Even distribution within plant tissue for lasting control.
- /// Valuable tool for integrated resistance management.



## Insecticides



### **BULLDOCK® 125 SC**

**Bulldock® 125 SC** is a suspension concentrate contact and stomach insecticide for the control of a wide variety of insect pests, including Lepidoptera, Hemiptera, Coleoptera and others. Its unique molecular structure allows it to penetrate the insect's outer layer rapidly and be absorbed into the plant's waxy surface. **Bulldock®** is also known to have higher efficacy against insect populations that are resistant.

- /// Broad-spectrum activity.
- /// Good residual activity.
- /// Low dose rate.
- /// Higher efficacy against resistant populations.



### **DECIS® FORTE**

**Decis® Forte** is a fast-acting contact and stomach insecticide for use on a wide range of crops. Formulated with a highly effective isomer, it provides reliable control even under challenging environmental conditions and is trusted as part of integrated insect management programmes.

- /// Broad-spectrum insect control across multiple crops.
- /// Fast, uniform absorption.
- /// Reliable performance under hot and dry soil conditions.
- /// Uniform distribution for consistent efficacy.



## Maize fungicides





## Maize nematocide




## Maize insecticides





## Maize herbicides










## Maize SeedGrowth™







## **BULLET®**

**Bullet®** is a pre- and early post-emergence herbicide for maize, combining acetochlor, atrazine and terbuthylazine for broad-spectrum weed control. It tackles tough annual grasses and broadleaf weeds to secure early-season yield potential.

- /// Controls over 30 key grass and broadleaf weed species.
- /// Strong pre- and early post-emergence activity.
- /// Helps reduce competition during critical crop growth stages.
- /// Promotes cleaner fields and stronger yield outcomes.



## **GUARDIAN®**

**Guardian®** is a pre-emergence maize herbicide containing acetochlor plus a safener for crop safety. It delivers dependable weed control to protect crop establishment and early-season growth.

- /// Effective pre-emergence control of grasses and some broadleaf weeds.
- /// Built-in safener technology for reliable crop safety.
- /// Provides clean fields during early development.
- /// Supports strong maize establishment and yield.



## **HARNESS® XTRA**

**Harness® Xtra** is an emulsifiable concentrate herbicide with the active ingredient acetochlor for the pre-emergence control of grass and certain broadleaf weeds in maize. It can also be used post-emergence of the crop for pre-emergence control of grass and certain broadleaf weeds in maize.

- /// Strong pre-emergence activity against grasses and broadleaf weeds.
- /// Can be applied pre- or post-emergence of the crop.
- /// Helps manage early-season weed pressure.
- /// Supports higher yield potential through early crop security.



## **LAUDIS®**

**Laudis®** is a post-emergence herbicide for maize and sugarcane, combining tembotrione with a safener for effective weed control. It provides flexibility and reliability under a wide range of field conditions.

- /// Controls tough grass and broadleaf weeds after emergence.
- /// Safener technology protects maize plants.
- /// Rainfast within one hour for reliable results.
- /// Offers protection even in unfavourable weather conditions.



*Herbicides*

## PANTERA®

**Pantera®** is a selective herbicide designed to control **Roundup Ready®** volunteer maize in no-till and minimum-till systems. It enables direct seed planting within crop residues.

- /// Targets **Roundup Ready®** volunteer maize in conservation systems.
- /// Compatible with **Roundup® TURBO**, **Roundup® PowerMAX**, **Guardian®** and **Silwet L-77®**.
- /// Allows for post-emergence application in soybeans.
- /// Supports clean fields for easier crop establishment.



## Herbicides



## ROUNDUP® POWERMAX

**Roundup® PowerMAX** is a high-strength, systemic non-selective herbicide for efficient weed control in maize systems. It ensures strong performance from planting through late growth stages.

- /// Rapid uptake and systemic activity against weeds.
- /// Rainfast within one hour with no residual soil activity.
- /// Can be applied over the top up to V8 maize stage.
- /// Ensures clean fields for maximum crop productivity.



## ROUNDUP® TURBO

**Roundup® TURBO** is a non-selective herbicide offering rapid uptake and broad-spectrum control of weeds. It is a trusted solution for preparing fields and preventing early-season competition.

- /// Fast-acting, broad-spectrum weed control.
- /// Rainfast within two hours.
- /// Reduces competition and protects yield potential.
- /// Reliable results across a wide range of weeds.



EverGol<sup>®</sup>  
Energy



**FIT**

EverGol<sup>®</sup> Energy's three-way mix of active ingredients helps to develop a healthier and more robust, high-performing root system in soybean and maize crops. This results in stronger and more vigorous plants, contributing to overall crop quality and productivity. Seed invigoration means plants have a safer and shorter youth phase.



**FAST**

EverGol<sup>®</sup> Energy facilitates quicker and more uniform crop emergence through the critical youth phase. This enables plants to establish themselves better and quicker, reducing the risk of yield losses due to delayed emergence.



**FIRST**

By preventing diseases and promoting healthy growth from the beginning, this seed treatment helps plants reach their full potential even under disease conditions and stress, resulting in higher and more marketable yields and increased profitability.

▶ **FIT**  
▶ **FAST**  
▶ **FIRST**

EverGol<sup>®</sup> Energy is a new fungicide seed treatment that provides maize, soybeans and wheat crops with protection against some of the most significant seed- and soil-borne diseases at a low application rate. With its combination of three actives, EverGol<sup>®</sup> Energy provides three-way action by helping to grow a healthier, more robust root system, leading to enhanced crop emergence and establishment as well as a yield advantage.



## STEWARDSHIP BEST PRACTICE WITH EVERGOL® ENERGY 176.6 FS

- /// Always read the product label, even if information may seem repetitive to you, as some information may be updated.
- /// Ensure you wear coats, long-sleeved clothes, nitrile gloves, safety glasses, respirators, masks, and boots.
- /// Prepare enough slurry for seeds to be treated to avoid overnight leftover slurries.
- /// Keep the **EverGol® Energy** bottle sealed and tight, and always store it in a locked container.
- /// When treating, always place your product container on an even surface to avoid tipping and spillages on surfaces.
- /// Should you encounter spillages around the treater or treating area surfaces, use high-pressure water to clean the machine and surface area. Hot water is preferred.
- /// Remember to always wash your hands for at least 20 – 30 seconds after handling chemicals.
- /// Remove the clothes you wore while treating and wash them in a washing machine. Thereafter, ensure you take a full-body cold shower.

**Experience peace of mind knowing your crops are protected this season ...**

## STORAGE TEMPERATURE:

Treated seeds must be stored between 20 °C and 25 °C.

## EVERGOL® ENERGY 176.6 FS DOSE RATE

PRODUCT:		Small seed (7500 seed/kg)	Medium seed (6000 seed/kg)	Large seed (5000 seed/kg)
EverGol® Energy (Soybeans)	mℓ/kg	1,125 mℓ	0,9 mℓ	0,75 mℓ
	mℓ/ha – 50 kg/ha	56,25 mℓ	45 mℓ	37,5 mℓ

**NB:** Number of seeds per/kg may vary according to seed cultivars. Always recalculate the dosage using the label recommendation of 0,15 mℓ/1 000 kernels.

## SOYBEAN RECIPE PER SEED SIZES

PRODUCT:	Small seed (7500 seed/kg)	Medium seed (6000 seed/kg)	Large seed (5000 seed/kg)
EverGol® Energy	1,125 mℓ	0,9 mℓ	0,75 mℓ
Water	2,75 mℓ	2,75 mℓ	2,75 mℓ
Colourant/Polymer	1,5 mℓ	1,5 mℓ	1,5 mℓ
Slurry vol/1 kg seed	5,375 mℓ	5,15 mℓ	5 mℓ

## SEED TREATMENT EQUIPMENT

- /// Ensure you use a certified seed treater signed off by a **Bayer** representative.
- /// Ensure your equipment has the latest sticker.
- /// Ensure you keep a treated seed sample for a season.

**NOTE:** Calibrations must be done frequently to ensure coverage and seed-to-seed distribution, as this translates to better and high-performing plants leading to higher yields. Poor calibration may result in poor treatment and performance. Do not use cement mixers **by any means** as this may negatively impact seed coverage and distribution which may affect product performance and result in lower yields. Cement mixers also expose operators to chemicals which may cause health implications.

## METHODS OF SEED TREATMENT

### TANK-MIX

- DO NOT TREAT IN TANK-MIX

The inoculant is mixed with seed treatment in a single tank and applied as one solution or suspension using the same applicator.

### WET SEQUENTIAL

- PREFERRED WITH EVERGOL® ENERGY 176.6 FS

The inoculant and seed treatment are applied at the same time, from separate equipment tanks. They must be applied by separate applicators to be defined as a simultaneous or wet sequential application.

On wet sequential, chemical products are applied first, followed by inoculant product(s) on the moistened seeds.

### DRY SEQUENTIAL

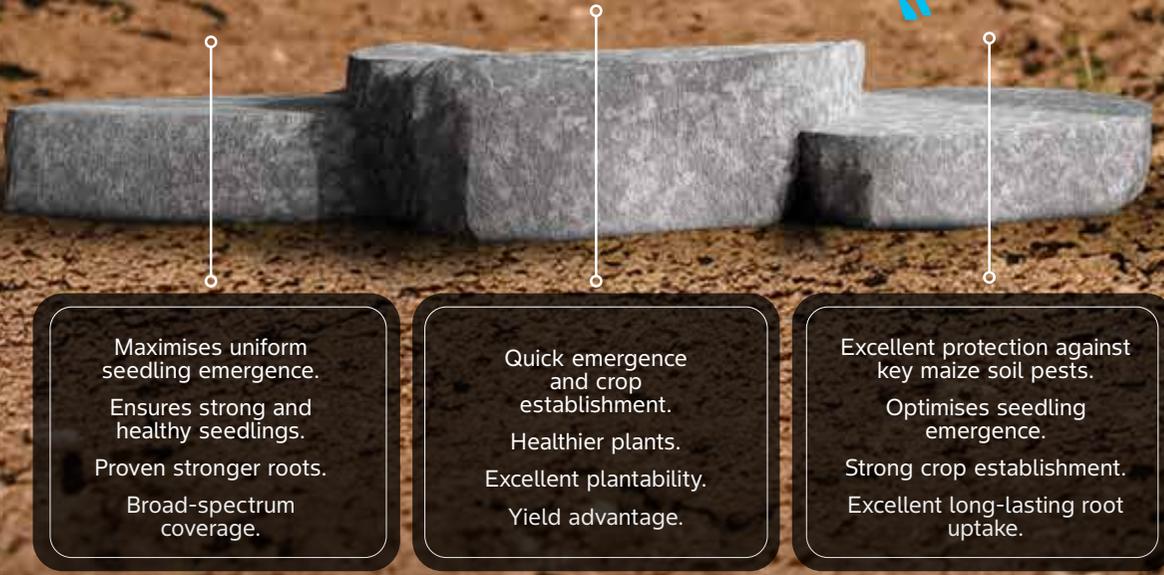
- PREFERRED WITH EVERGOL® ENERGY 176.6 FS

Seed treatment product is applied first and allowed to dry, before the inoculant product is applied. This is best achieved by a seed treatment followed by an inoculant, allow dry time from 30 minutes up to a day.

On dry sequential, **EverGol® Energy 176.6 FS** can be applied even months prior to planting seasons. Seeds need to be stored according to label recommendations.

**NOTE:** You can harvest soybeans and treat them with **EverGol® Energy 176.6 FS** and store them in the shade until you apply the inoculant during the planting season. Seeds treated with **EverGol® Energy 176.6 FS** and an inoculant must be planted timeously. Do not carry over seeds that were treated with inoculant.

# SeedGrowth™ by Bayer



Maximises uniform seedling emergence.  
Ensures strong and healthy seedlings.  
Proven stronger roots.  
Broad-spectrum coverage.

Quick emergence and crop establishment.  
Healthier plants.  
Excellent plantability.  
Yield advantage.

Excellent protection against key maize soil pests.  
Optimises seedling emergence.  
Strong crop establishment.  
Excellent long-lasting root uptake.

With Bayer's SeedGrowth™ range, we help you lay a strong foundation, giving your crops the best chance for success right from the start.





## CREATE® 300 FS

**Create® 300 FS** is a systemic fungicide seed treatment designed to protect maize against seed decay, damping-off and smuts. With prothioconazole as its active ingredient, it ensures healthy germination and vigorous early growth.

- /// Ensures healthy plants from the get-go.
- /// Suppresses cob and tassel smut (*Sphacelotheca reiliana*).
- /// Promotes healthy germination and early plant vigour.
- /// Protects yield potential from the very start.



## EVERGOL® ENERGY 176.6 FS

**EverGol® Energy 176.6 FS** is an advanced seed treatment combining three active ingredients from different fungicide groups. It delivers reliable protection against seed- and soil-borne diseases in soybeans and maize while promoting stronger root and shoot growth.

- /// Excellent disease control against *Fusarium spp.* and *Pythium spp.*
- /// Three-way mode of action for effective resistance management.
- /// Promotes robust root development and enhanced emergence.
- /// Low dust-off, planter-safe formulation with good shelf life.



## GAUCHO® FLEXX 600 FS

**Gaucho® FLEXX** is a systemic insecticidal seed treatment that safeguards maize seeds and seedlings against damaging soil pests. By forming a protective barrier from root to leaf, it supports early crop establishment and long-term plant health.

- /// Excellent protection against key maize soil insects.
- /// Promotes strong seedling emergence and crop establishment.
- /// Long-lasting systemic uptake through the plant.
- /// Enhances crop security from planting to early growth.



# COMMON MAIZE FOLIAR DISEASES



## **GREY LEAF SPOT (GLS) – Fungus: *Cercospora zeae-maydis***

### **DESCRIPTION**

Grey Leaf Spot (GLS) is caused by the fungal pathogen *Cercospora zeina*. It is widely distributed across South Africa and poses a serious yield threat, especially to susceptible maize hybrids. The practice of reduced tillage has contributed to the increased occurrence and severity of the disease. The fungus overwinters in maize residue, and its spores are spread by wind and rain splash.

### **HOW TO IDENTIFY (SYMPTOMS)?**

Early symptoms of Grey Leaf Spot (GLS) appear as tiny pinpoint lesions with yellow halos on the leaves. As the disease progresses, these lesions enlarge into narrow, rectangular spots that are brown to grey. They typically expand along the leaf veins and can grow to 2–3 cm wide and 1–6 cm long.

### **FAVOURABLE CONDITIONS**

Disease progression is favoured by warm temperatures combined with high humidity. Symptoms tend to be more severe in fields with reduced tillage and a lack of crop rotation.



## **NORTHERN LEAF BLIGHT (NLB) – Fungus: *Exserohilum turcicum***

### **DESCRIPTION**

Northern Leaf Blight (NLB) is caused by the fungus *Exserohilum turcicum* and is consistently widespread across South Africa, with particularly severe cases in the eastern regions. Infection commonly begins in the whorl, leading to the formation of multiple lesions that appear in bands across the leaves. These lesions can expand and merge, eventually causing premature leaf death, which may result in plant lodging at harvest.

### **HOW TO IDENTIFY (SYMPTOMS)?**

Northern Leaf Blight (NLB) lesions initially appear pale grey-green and turn tan as they mature. The lesions are elongated, ranging from 1 to 15 cm in length, with an elliptical or cigar-shaped form oriented parallel to the leaf margins. They are often surrounded by a pale green, water-soaked border and distinct dark zones of fungal sporulation, which give the lesions a dirty appearance that can be easily wiped off. Symptoms typically become visible on the lower leaves before tasselling and then progress upwards. Lesions may also develop on leaf sheaths and the outer husks of ears, but the kernels remain unaffected.

### **FAVOURABLE CONDITIONS**

Symptom development is favoured by heavy dew, frequent rainfall, high humidity, and moderate temperatures. The fungus overwinters in infected maize residue as mycelium and conidia spores, which are dispersed by wind and splashing water.



## **PHAEOSPHERIA LEAF SPOT (PLS) –** **Fungus: *Phaeosphaeria maydis***

### **DESCRIPTION**

It is caused by the fungus called *Phaeosphaeria maydis* and is commonly seen in regions with humid and warm climates. Because of the less economic importance, PLS is regarded as the cosmetic disease – mostly affecting the appearance than the yield. However, if the infection is severe, it can cause significant defoliation, reducing photosynthesis and yield. The fungus survives in infected maize residue and produces spores that spread by rain splash and wind.

### **HOW TO IDENTIFY (SYMPTOMS)?**

The disease causes small, round to oval spots measuring 2–5 mm in diameter, featuring dark brown or black centre surrounded by a light tan or yellowish border. As the disease progresses, these lesions may enlarge and merge, forming large, irregularly shaped spots.

### **FAVOURABLE CONDITIONS**

Warmer climate, frequent rain and high humidity favour the development of symptoms. Under conservation tillage systems and dense crop canopy the symptoms are exacerbated.



## **GOSS'S WILT –** **Bacterial disease: *Clavibacter michiganensis* subsp. *Nebraskensis***

### **DESCRIPTION**

Goss's Wilt is a bacterial disease caused by *Clavibacter michiganensis* subsp. *nebraskensis*. Initially reported in the United States, it has since spread to various maize-growing regions and was recently detected in South Africa. In severe outbreaks, the disease can lead to high yield losses, and if infection occurs early, it has the potential to destroy an entire field. Early infections typically spread through the plant's vascular system, causing systemic wilting, while later infections mainly affect the leaves, leading to characteristic leaf blight symptoms.

### **HOW TO IDENTIFY (SYMPTOMS)?**

Goss's wilt is characterised by elongated, tan to grey-green lesions with wavy, water-soaked edges. These lesions often contain tiny freckles either within or surrounding them, and the underside may appear glossy or shiny. When held up to the light, the freckles become luminous.

### **FAVOURABLE CONDITIONS**

Goss's wilt is favoured by warm temperatures (20–30°C), high humidity from heavy rainfall or dew, and wounding caused by hail or wind, while practices like reduced tillage, continuous maize cropping, and planting susceptible hybrids without crop rotation further increase the risk of infection by allowing the bacteria to survive and spread through infected residue.



## REGISTRATION OWNERSHIP

The registration owner of **Acceleron®**, **Bullet®**, **DEKALB®**, **Guardian®**, **Harness® Xtra**, **Intacta RR2 PRO®**, **Roundup Ready®**, **Roundup Ready® MAIZE 2**, **Roundup Ready PLUS®**, **Roundup® PowerMAX**, **Roundup Ready® Technology**, **Roundup® TURBO**, **Transorb®**, **YieldGard®** and **YieldGard® MAIZE 2**, is **Bayer AG**.

**Roundup®** Reg. No. L0407. Contains Glyphosate (glycine) 360 g/l (contains 441 g potassium salt of glyphosate). Warning.

**Roundup® PowerMAX** Reg. No. L7769. Contains Glyphosate (glycine) 540 g/l (contains 633 g potassium salt of glyphosate). Warning.

**Roundup® TURBO** Reg. No. L7166. Contains Glyphosate (glycine) 450 g/l (contains 551 g potassium salt of glyphosate). Warning.

**Bullet®** Reg. No. L5623. Contains Acetochlor (chloroacetanilide) 250 g/l, Atrazine (triazine) 225 g/l and Terbutylazine (triazine) 225 g/l. Warning.

**Guardian®** Reg. No. L4862. Contains Acetochlor (chloroacetanilide) 840 g/l. Warning.

**Harness® Xtra** Reg. No. L7703. Contains Acetochlor (chloroacetanilide) 960 g/l. Danger.

The following products are trademarks of **Bayer AG**:

**Ballista®** Reg. No. L7442. Contains Methylated vegetable oil 700 g/l and Alcohol ethoxylate 250 g/l. Warning.

**Bulldock® Beta 125 SC** Reg. No. L7612. Contains Beta-cyfluthrin (pyrethroid) 125 g/l. Warning.

**Create® 300 FS** Reg. No. L10658. Contains Prothioconazole (triazole) 300 g/l. Warning.

**Decis® Forte** Reg. No. L6563. Contains Deltamethrin (pyrethroid) 100 g/l. Danger.

**EverGol® Energy 176.6 FS** Reg. No. L11351. Contains Prothioconazole (triazole) 76.8 g/l, Metalaxyl (phenylamide) 61.4 g/l and Penflufen (pyrazole carboxamide) 38.4 g/l. Warning.

**Gaicho® FLEXX 600 FS** Reg. No. L6562. Contains Imidacloprid (chloro-nicotinyl) 600 g/l. Warning.

**Laudis®** Reg. No. L8525. Contains Tembotrione (triketone) 420 g/l and Isoxadifen-ethyl (safener) 210 g/l. Warning.

**Nativo®** Reg. No. L8942. Contains Tebuconazole (triazole) 200 g/l and Trifloxystrobin (strobilurin) 100 g/l. Warning.

**Torque®** Reg. No. M180. Contains Lipo-chito-oligosaccharide (LCO SP104). **Torque®** is a biological product that supports the root health of plants.

**Velum® 1 GR** Reg. No. L10783. Contains Fluopyram (pyridinylethylbenzamide) 10 g/kg. Warning.

**Zantara®** Reg. No. L10011. Contains Bixafen (pyrazolecarboxamide) 50 g/l and Tebuconazole (triazole) 166 g/l. Warning.

**FieldView™**, **FieldView™**, **FieldView™ Discovery**, **FieldView™ Cab** and **FieldView™ Academy** are registered trademarks of **The Climate Corporation**.

The following products are all trademarks of **Syngenta SA (Pty) Ltd**:

**Cruiser® Force** Reg. No. L8597. Contains Thiamethoxam (neonicotinoid).

**Avicta®** Reg. No. L8496. Contains Abamectin.

**Pantera®** and **Silwet®** are trademarks of **UPL – SA**:

**Pantera®** Reg. No. L6451. Contains Quizalofop-P-tefuryl (aryloxy phenoxy propionate) 40 g/l. Danger.

**Pantera®** is a selective post-emergence emulsifiable concentrate systemic herbicide for the control of certain annual and perennial grass weeds as well as volunteer **Roundup Ready®** maize in crops as indicated.

**Silwet L-77®** Reg. No. L6145. Contains Polyalkaleneoxide Modified Heptamethyltrisiloxane 1000 g/l. Warning.

**Silwet®** is a non-ionic organosilicone adjuvant for use with crop protection chemicals.

All the above products are registered under Act 36 of 1947.



To view the individual labels of each of the products, please scan the QR code and search for the respective product. The labels can be downloaded from the individual product pages.

# Stewardship by Bayer

## TO THE NEXT *Generation*

Striving to equip farmers with the **tools, insights, and guidance** they need to farm responsibly and sustainably for now and for future generations ...



Sustainability underpins everything we do. With world-leading research and technology, **Bayer** helps farmers protect resources, nurture biodiversity, and farm more efficiently. Through training, stewardship, and certified standards, we ensure safe, smart, and responsible farming practices that will stand the test of time. Together with **DEKALB®**, **Bayer** provides the tools, insights, and innovation to strengthen farming families, protect the land, and inspire the next generation.

***Bayer with DEKALB® – Innovation that protects today and inspires tomorrow.***



**EMPOWERING FARMERS**  
Training and support for responsible product use.



**PROTECTING THE ENVIRONMENT**  
Safeguarding soil, water, and biodiversity.



**SAFE & SMART APPLICATION**  
Use the right product, at the right time, in the right way.



**CERTIFIED EXCELLENCE**  
Standards and certifications for quality and compliance.

# WEED RESISTANCE MANAGEMENT

It's all about the combination of the right products and **Roundup®**. **Roundup® PowerMAX** and **Roundup® TURBO** with **Transorb® technology** are the ideal products, enabling conservation agriculture and keeping your fields and perennials free of weeds.

*For efficacy and crop safety, as well as the correct use of the products, refer to product labels for complete directions for use. Only the correct and responsible use of herbicides will ensure excellent weed control, resulting in improved yield and profitability.*

- /// Proven crop safety
- /// Broad-spectrum weed control
- /// Application flexibility
- /// Maximum yield potential
- /// Better management of conservation tillage
- /// Allows crops to reach full potential
- /// Weed-free environment

Contains **Transorb®** technology for faster absorption and translocation.



## MIXING ORDER OF PRODUCTS



# GLYPHOSATE

## – a roundup of everything you need to know

Unwanted weeds can place a huge strain on farmers as it may lead to higher production costs, contamination of crops during harvests or yield losses which has a negative effect on a farm's profitability.

Glyphosate-based herbicides play an enormous role in controlling unwanted weeds that reduce crops' productivity and quality. Glyphosate-based herbicides have a long-standing reputation for providing effective weed management while improving soil health and soil biodiversity. Furthermore, it helps prevent soil erosion and reduces greenhouse gas emissions.

Worldwide, the active ingredient, glyphosate, forms the cornerstone of weed management programmes on many farms where it provides flexibility to achieve efficient weed control.

Bayer's Roundup® herbicide range (with glyphosate as the active ingredient) also allows for easier adoption of conservation and no-till practices, both agricultural systems which are known to make substantial contributions towards sustainability in agriculture.

### WHAT IS GLYPHOSATE?

Glyphosate is the active ingredient contained in numerous nonselective herbicides developed to eliminate unwanted invasive plants. Products with a glyphosate base are used in agriculture, vegetation management, lawn and garden products, on railways

and various other platforms. Glyphosate is registered for use on more than 100 crops and is one of the most widely used herbicides in the world. Today, glyphosate is registered and marketed in more than 160 countries.

### WHO USES GLYPHOSATE?

Glyphosate (Roundup®) is used by large- and small-scale farmers as well as homeowners and horticulturists for the control of weeds. Glyphosate is widely used prior to planting of crops for farmers to plant in a clean seed bed. It can also be used postplanting before crop emergence, as well as post-emergence on Roundup Ready® crops. This is due to the combination of the soil-binding capacity, product immobility and rapid degradation which are typical for glyphosate and quite unique when compared to other commercial herbicides.

### HOW DOES GLYPHOSATE WORK?

Glyphosate is absorbed into the plant through its leaves and soft stalk tissue before being transported throughout the plant to the roots, nodules, and bulbs. Its unique action in plants involves the inhibiting of a single enzyme only found in plants. Therefore, glyphosate only controls plants and not microorganisms or animals and insects.

As glyphosate is systemic, plants treated with glyphosate will slowly die over a period of days or weeks and no part of the plant should survive. Glyphosate is rapidly inactivated when it comes into contact with soil, since it binds to the clay particles of the soil and therefore cannot be taken up by the roots.

### IS GLYPHOSATE SAFE?

At Bayer, your safety is our priority, which is why all our crop protection products undergo rigorous testing to ensure their safety. Glyphosate is one of the most researched herbicides in the world and there is

an overwhelming weight of scientific evidence that underscores the safety and performance of this active ingredient in Roundup® herbicides. Based on an in-depth review of the comprehensive datasets available, regulatory agencies around the world have concluded that glyphosate is not a reproductive toxin or teratogen (cause of birth defects). There is also no evidence that glyphosate causes cancer, even at high doses. Because it is not genotoxic, it does not cause mutations that can lead to cancer.

Additionally, anecdotal results from first-hand experience of millions of farmers and home gardeners who have used this product for decades indicate safe use. Studies have shown that glyphosate, when applied according to the instructions on the label, is not harmful to soil insects, earthworms or microscopic soil organisms.

### BAYER'S PORTFOLIO

Our Roundup® product range consists of various glyphosate-based products used for the treatment of unwanted weeds.

The following Roundup® products form part of our portfolio:

/// Roundup® – A very effective herbicide for general use.

/// Roundup® TURBO – Contains Transorb® technology for faster absorption and translocation and ensures rainfastness within two hours after spraying.

/// Roundup® PowerMAX – For post-emergence use as a general spray (over the top) or directed spray on maize, cotton and soybean cultivars that contain the Roundup Ready® gene.

Roundup® PowerMAX and Roundup® TURBO are still Bayer's number one product choice in an integrated weed control programme.

Resource: <https://www.glyphosate.eu/>

# PLANT THE CORRECT REFUGE AREA FOR MAIZE

## Step 1.1

Choose the option best suited to your farm:

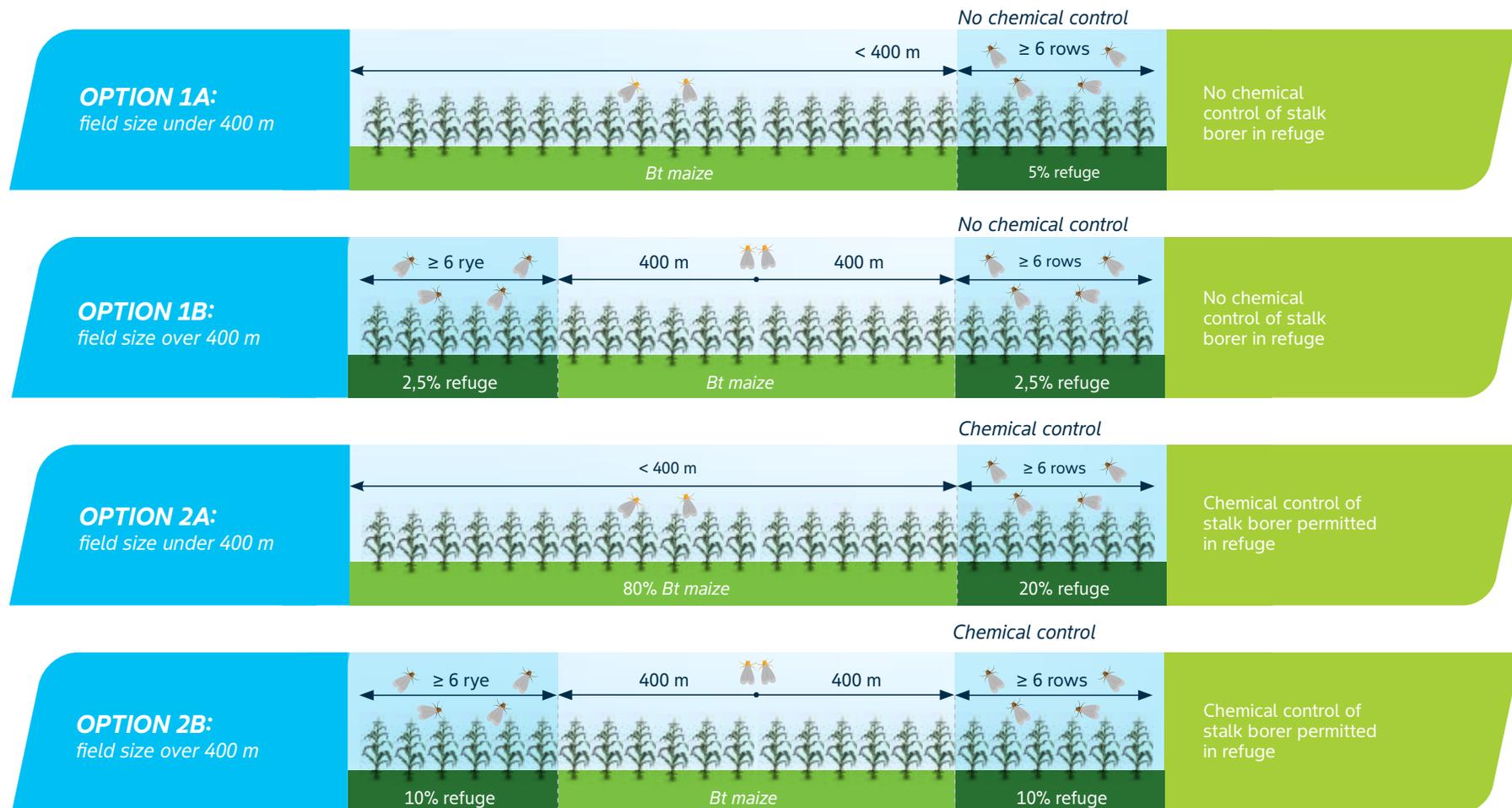
Key:



Resistant  
adult insects

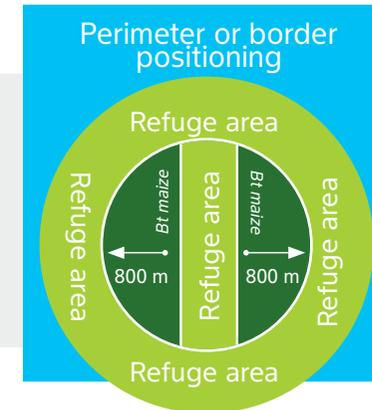
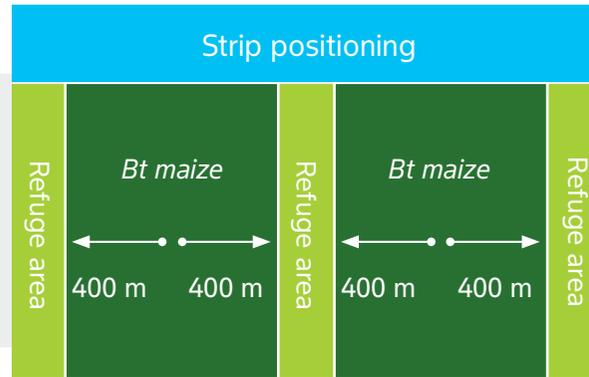


Susceptible  
adult insects



## Step 1.2

Alternative positioning scenario  
– field size over 800 m



## Step 2

Your refuge must be planted in the following manner, regardless of your choice:

Similar hybrid in the same growing season.

Plant within 7 days.

Same agronomical conditions.

Each grower plants their own refuge.

Cover borders.

Within 400 m of Bt plants.

Don't mix seed.

Minimum 6 row strips.

Don't cross Bt rows.

## Step 3

If there is excessive (more than 5%) stalk borer damage in **YieldGard<sup>®</sup> MAIZE 2** fields, contact your seed representative immediately for assistance.

Scout Bt planting regularly.

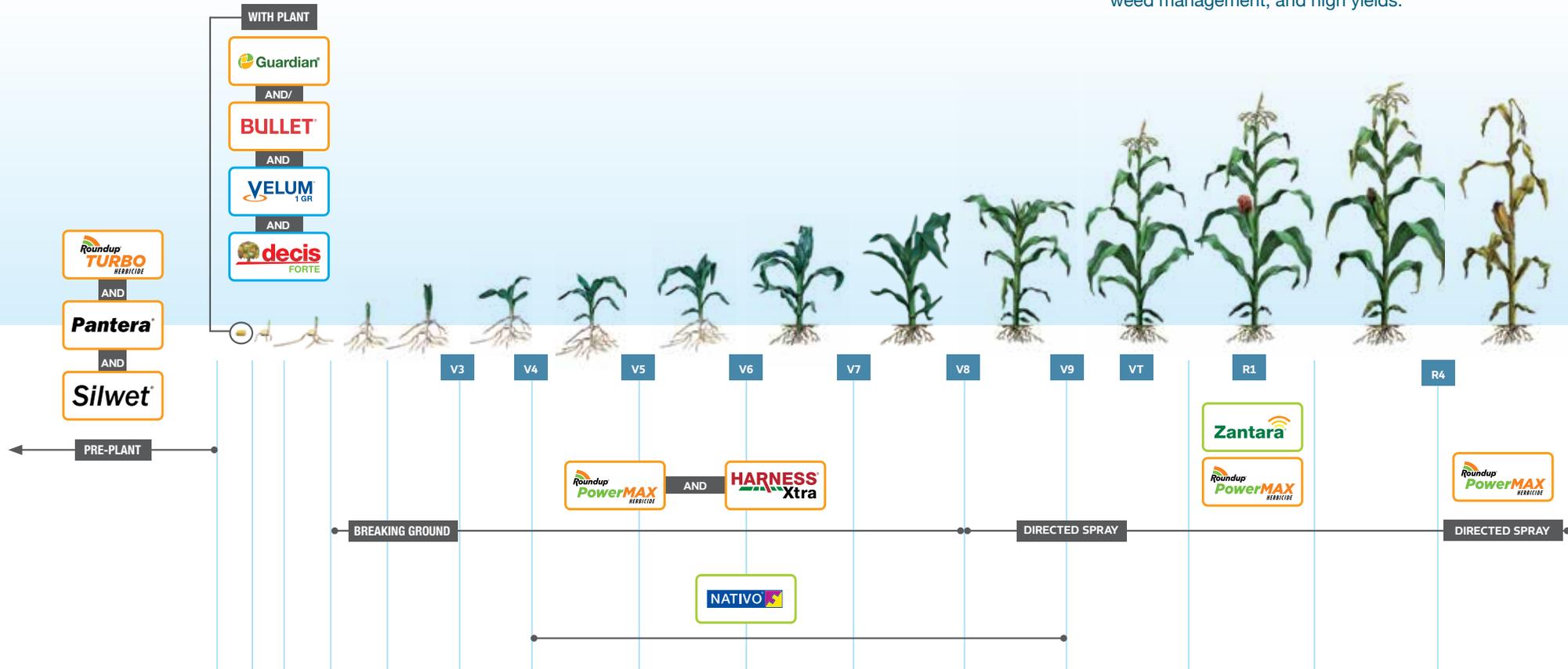
# MAIZE spray programme

## Standard – grass-spectrum weeds

**PRE-PLANTING:** Always add 2% ammonium sulphate when using **Roundup**® products.



**DEKALB**® seed with **Roundup Ready**® MAIZE 2 and **YieldGard**® MAIZE 2, complemented by **Bayer's** integrated products, support top-tier pest control, weed management, and high yields.



The above indicates recommended placement in a growing season. However, it is not a formal or legal spray programme. Please refer to product labels for usage recommendations, consider Resistance Management guidelines and consult with your agrochemical consultant and exporter for MRL management and guidelines.

Nematicide

Herbicide

Insecticide

Fungicide

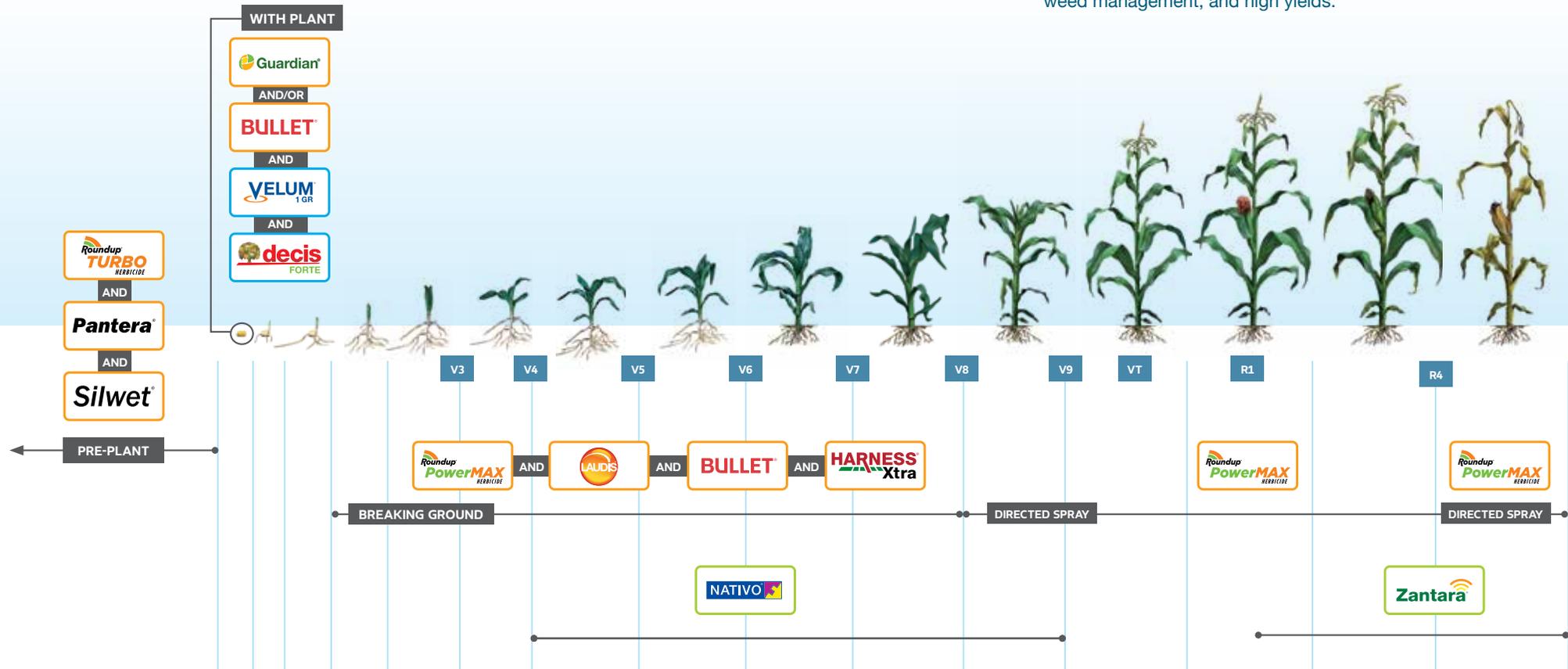
# MAIZE spray programme

Difficult to control: grasses and broadleaf-spectrum weeds

**PRE-PLANTING:** Always add 2% ammonium sulphate when using **Roundup**® products.



**DEKALB**® seed with **Roundup Ready**® MAIZE 2 and **YieldGard**® MAIZE 2, complemented by **Bayer's** integrated products, support top-tier pest control, weed management, and high yields.



The above indicates recommended placement in a growing season. However, it is not a formal or legal spray programme. Please refer to product labels for usage recommendations, consider Resistance Management guidelines and consult with your agrochemical consultant and exporter for MRL management and guidelines.

Nematicide

Herbicide

Insecticide

Fungicide

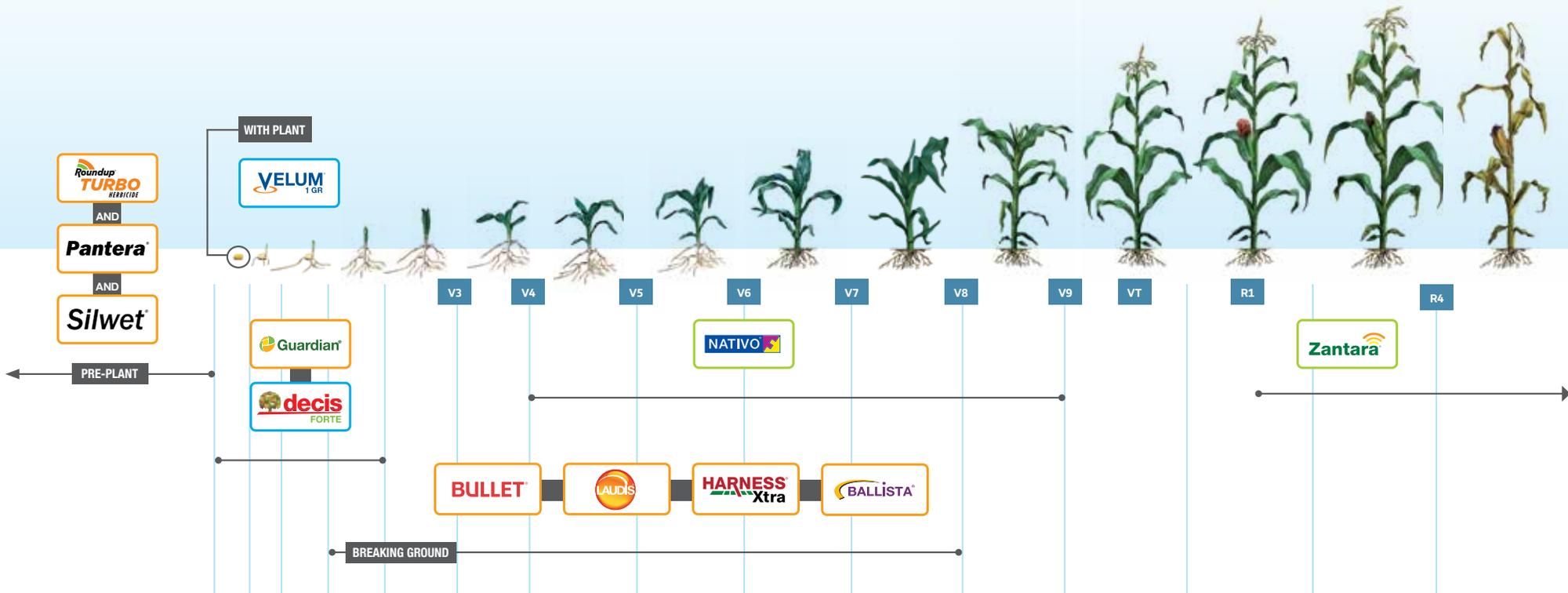
# MAIZE spray programme

## Conventional

**PRE-PLANTING:** Always add 2% ammonium sulphate when using **Roundup**® products.



**DEKALB**® seed with **Bayer's** integrated products, support top-tier pest control, weed management and high yields.



The above indicates recommended placement in a growing season. However, it is not a formal or legal spray programme. Please refer to product labels for usage recommendations, consider Resistance Management guidelines and consult with your agrochemical consultant and exporter for MRL management and guidelines.

Nematicide

Herbicide

Insecticide

Fungicide

# MAIZE spray programme

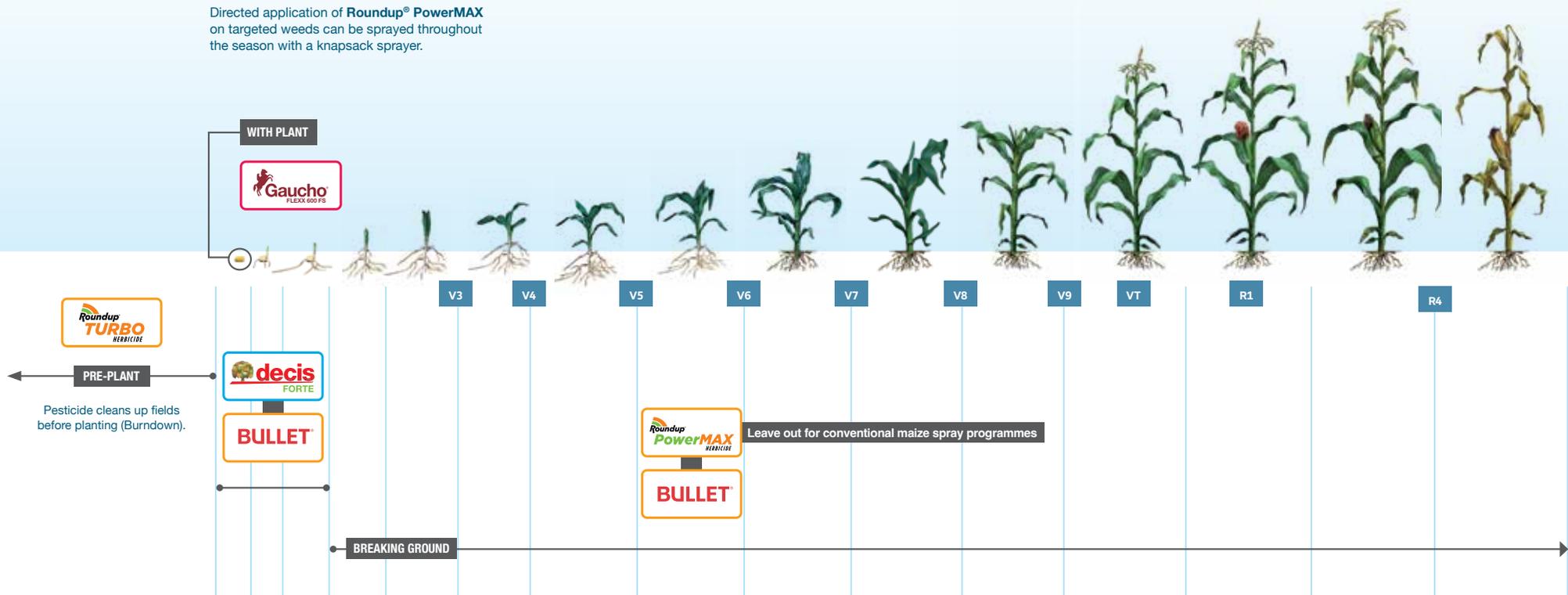
## Commercial smallholder

**PRE-PLANTING:** Always add 2% ammonium sulphate when using **Roundup**® products.



**DEKALB**® seed with **Roundup Ready**® MAIZE 2 and **YieldGard**® MAIZE 2, complemented by **Bayer's** integrated products, support top-tier pest control, weed management, and high yields.

Directed application of **Roundup**® PowerMAX on targeted weeds can be sprayed throughout the season with a knapsack sprayer.



The above indicates recommended placement in a growing season. However, it is not a formal or legal spray programme. Please refer to product labels for usage recommendations, consider Resistance Management guidelines and consult with your agrochemical consultant and exporter for MRL management and guidelines.

Herbicide

Insecticide

Fungicide

# BREAKING NEW GROUND IN SOYBEAN TECHNOLOGY

## INTACTA RR2 PRO®

### THE REVOLUTION IN SOYBEAN TECHNOLOGY IS HERE!

The **INTACTA RR2 PRO®** technology offers three key benefits in a single product. This new trait combination represents a significant milestone for South African farmers and showcases the next wave of innovation in soybean technology at **Bayer**. The introduction of **INTACTA RR2 PRO®** brings a new choice in insect control and convenience to farmers increasing productivity, efficiency and value leading to yields of higher quality and quantity.

#### PROTECT

Protect against serious feeding damage caused by African bollworm.



#### IMPROVE

Improved glyphosate tolerance provided by Roundup Ready 2 (RR2)® technology.



#### MAXIMISE

Increased yield potential through repositioned herbicide-tolerant trait on the soybean's DNA.



POD DAMAGE CAUSED BY  
AFRICAN BOLLWORM



INTACTA RR2 PRO®

STANDARD

FOLIAR DAMAGE CAUSED BY  
AFRICAN BOLLWORM



INTACTA RR2 PRO®

STANDARD

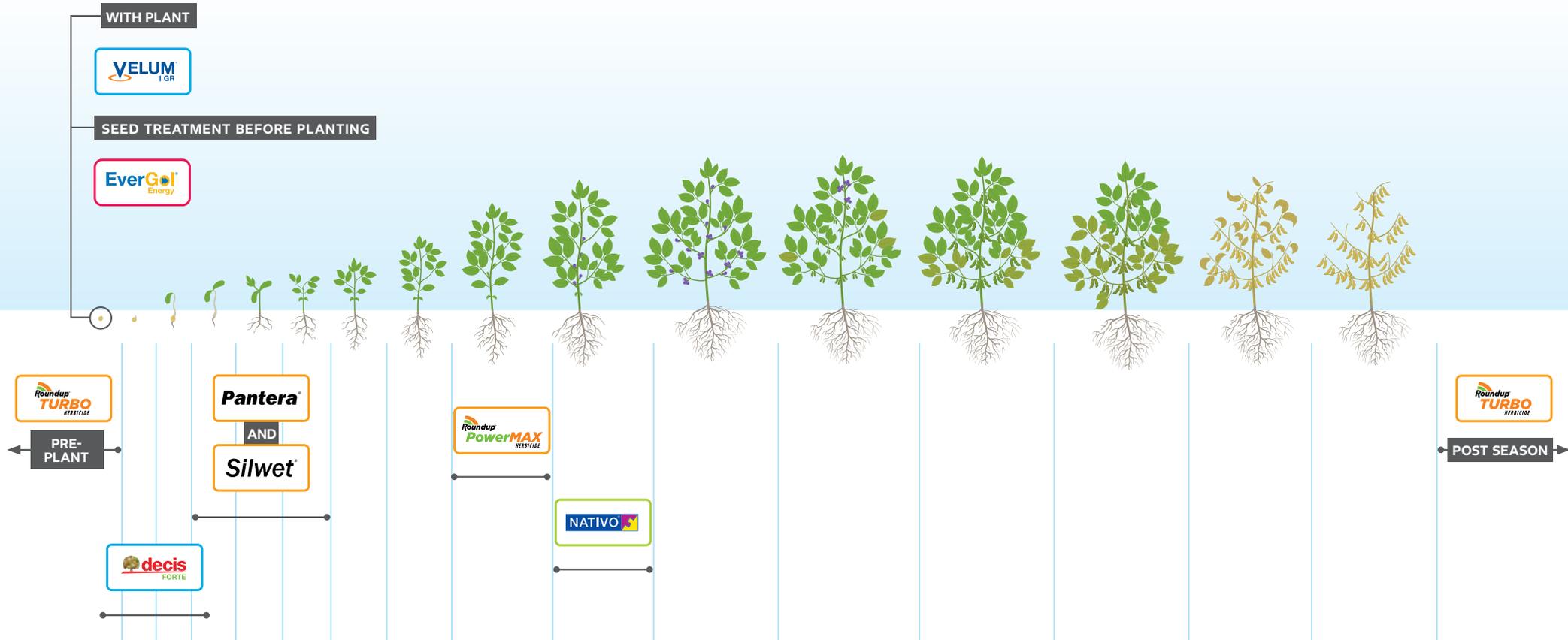


# SOYBEAN spray programme



**PRE-PLANTING:** Always add 2% ammonium sulphate when using Roundup® products.

INTACTA RR2 PRO® technology, together with Bayer's integrated spray programme, offers robust pest management for outstanding crop health and productivity.



The above indicates recommended placement in a growing season. However, it is not a formal or legal spray programme. Please refer to product labels for usage recommendations, consider Resistance Management guidelines and consult with your agrochemical consultant and exporter for MRL management and guidelines.

Herbicide    Insecticide    Fungicide

# PLANT THE CORRECT REFUGE AREA FOR SOYBEANS

## Step 1.1

Choose the option best suited to your farm:

Key:

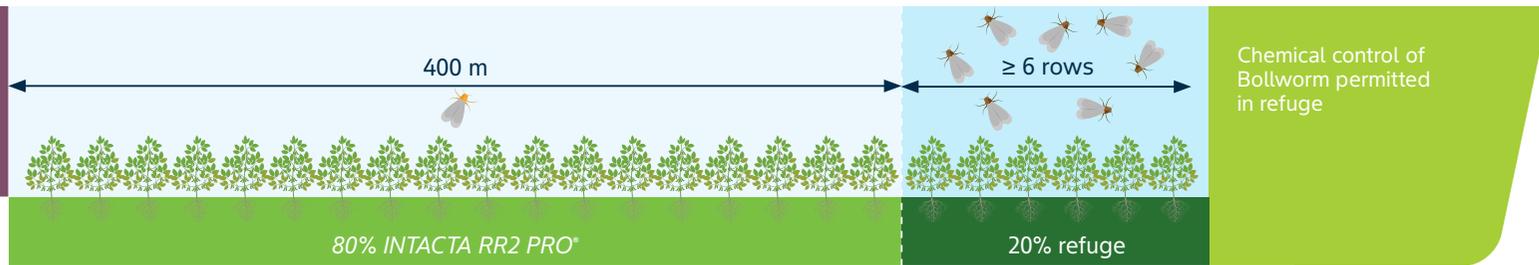


Resistant  
adult insects

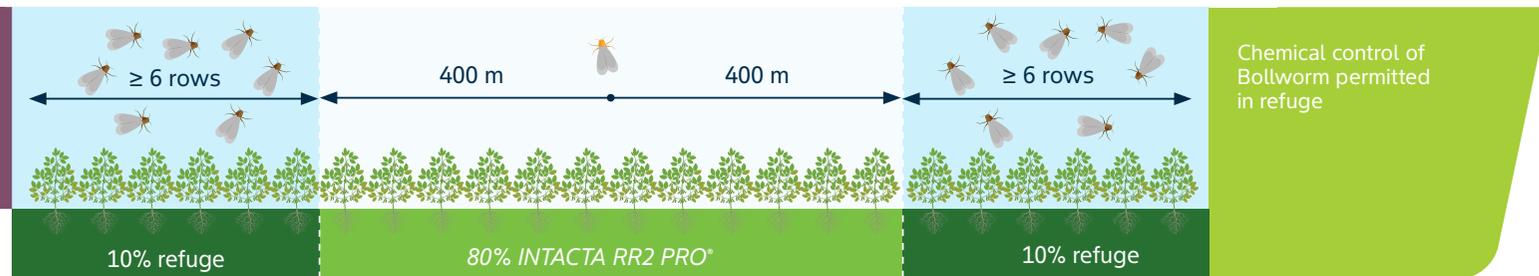


Susceptible  
adult insects

**OPTION 1A:**  
field size  
under 400 m



**OPTION 1B:**  
field size  
over 400 m

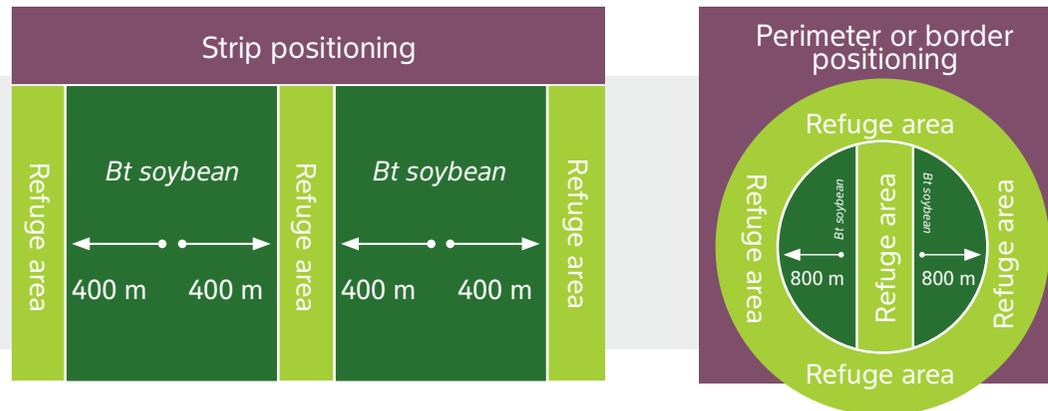


**Respect the refuge!**



## Step 1.2

Alternative positioning scenario  
– field size over 800 m



## Step 2

Your refuge must be planted in the following manner, regardless your choice:

Similar variety with the same maturity group.

Each grower must plant their own refuge area.

Minimum of 6 row strips.

Planted within 7 days.

Plant refuge on borders of the field.

Don't mix seed.

Grown under the same agronomical conditions.

Refuge area within 400 m of all **INTACTA RR2 PRO®** plants.

Don't cross **INTACTA RR2 PRO®** rows with refuge rows.

## Step 3

If excessive (more than 5%) bollworm damage is observed in **INTACTA RR2 PRO®** fields, contact your seed representative immediately for assistance.

Scout Bt planting regularly.

# YOUR SAFETY IS A PRIORITY

At **Bayer**, your safety and the sustainability of your farming practice are our priorities, which is why we continuously strive to provide you with sufficient information to steer these processes on your farm. It is of great importance that the correct measures are put in place to ensure the safety of individuals working directly with crop protection products. Grasping the process of reading a product label, understanding the risks of exposure and using the correct personal protection equipment (PPE), is key in ensuring your safety.

## PRODUCT LABEL

### ALWAYS READ THE PRODUCT LABEL BEFORE USE

The label provides the user with all the essential information about the product and how to use it safely and effectively.

### ALL LABELS HAVE THE APPROPRIATE HAZARD COMMUNICATION

Labels display the symbols, signal words, statements, etc. according to the hazard classification of the product.

### To minimise any risks of using the product, important advice is given on the label in regard to:

- /// General precautionary statements or warnings.
- /// Relevant personal protective equipment (PPE).
- /// Precautions when handling the concentrate.
- /// Precautions during and after application.
- /// Environmental precautions during and after application.
- /// Disposal of empty containers after use.

## GHS HAZARD CLASSIFICATIONS

The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) was developed by the United Nations to standardise chemical regulations and standards across different countries.

The GHS product label includes pictograms, warning statements and hazard classifications including a signal word, either **WARNING** (indicating less severe hazards) or **DANGER** (indicating more severe hazards).

By just looking at the label, the farmer can see the hazard classification of the product.



Scan the QR code for more information about the hazard classifications.

## AREAS OF POSSIBLE EXPOSURE

**DERMAL/SKIN:** Occurrence may be rapid in case of unprotected arms, hands, feet and face. High temperature and perspiration of the skin increase the penetration.

**ORAL/MOUTH:** When eating, drinking or smoking during application or mixing.

**INHALATION/BREATHING:** By breathing (inhalation).

## PERSONAL PROTECTION EQUIPMENT (PPE)

It is important to wear the correct PPE when handling crop protection products.

### PERSONAL HYGIENE

Hands are the most exposed part of your body. Protect them! Not all gloves are suitable for handling crop protection products:

**It is important to wear Nitrile gloves specifically when working with crop protection products.**

**Keep the following in mind when dealing with crop protection products:**

- /// **DO NOT TOUCH** the face or bare skin with contaminated hands or gloves.
- /// **WASH GLOVES WITH WATER** each time when using them and before taking them off.
- /// **ALWAYS WASH YOUR HANDS** before you eat, drink, smoke or go to the toilet.
- /// **DO NOT SMOKE, DRINK OR EAT** whilst handling, mixing, filling, spraying Crop Protection Products (CPPs) and monitoring crops.
- /// **WASH ANY CHEMICAL SPILLS** from skin and eyes with clean water immediately.

# EXAMPLES OF PPE



Long-sleeved shirts and trousers

Nitrile gloves



Boots/sturdy footwear



Goggles



Apron



Filter mask



Face shield



# FIELDVIEW™

## LET YOUR DATA WORK FOR YOU

Bayer's digital platform supports your daily farming decisions with innovative solutions that are data driven. We help you to manage your farming operations successfully, from planting to harvesting. **FieldView™** offers a cost-effective, digital farming package that can be used throughout the year, regardless of the size of your farm.



GET YOUR DATA IN ONE PLACE



UNLOCK VALUABLE INSIGHTS



OPTIMISE YOUR INPUTS



For more information and step-by-step videos, scan the QR code to visit our YouTube channel.

## How can Fieldview™ benefit your farm?

### INTEGRATE YOUR AGRONOMIC DATA:

Automatically livestream your agronomic data to your **FieldView™** account. You can also decide who you want to share your data with.

### MONITOR CROP PERFORMANCE:

Get the insights you need to make informed decisions about your crops and optimise crop management on your farm.

### OPTIMISE YOUR PRODUCTIVITY:

Get the most out of your inputs by easily creating variable application scripts.

### GET TIMELY, IN-PERSON SUPPORT:

Our technical team is here to support you in using our digital tools optimally and to get the most out of your data.



# DO YOU NEED MORE HELP?

Scan the QR codes below for more information



SET UP YOUR ACCOUNT



DOWNLOAD THE APPS



LOADING YOUR HISTORIC DATA



MAP YOUR FIELDS



The **FieldView™ Academy** offers you the chance to become a **FieldView™** expert by mastering this digital platform. With short step-by-step videos, we guide you through the entire process and help you gain confidence to use the platform in practice. Scan the QR code to start learning!



More information about the digital solutions for maize



## MEET THE TEAM

### Digital Activation Specialists

#### TERRITORY EAST

André Swanepoel – 071 490 9251

Abi Janse van Rensburg – 079 537 8277

#### TERRITORY CENTRAL

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Ryno Terblanche – 082 610 5369

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#### TERRITORY WEST

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Ryno Alberts – 060 979 0157

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**Lehanka Coetzer** – Customer Success Specialist

– 082 388 0195





# FIELDVIEW™

## SPRAY KIT

### ACCURATE ACCESSIBLE AFFORDABLE

The FIELDVIEW™ Spray Kit is an innovative IoT solution that transforms traditional analogue sprayers into advanced digital tools, enabling real-time monitoring and better calibration of the sprayer for a correct application and accurate data recording.

GPS ANTENNA

SPRAY SENSORS

FIELDVIEW™ DRIVE

### HOW DOES THE SPRAY KIT WORK?

The FieldView™ Spray Kit is a combination of sensors (flowmeters) installed in every hydraulic section of the sprayer, a GPS receiver, a control unit and the related harnesses. Flowmeters measure the real-time flow of solution pumped to the nozzles and the real application rate applied by each section. By capturing real-time data on pesticide flow, and analysing and compiling it into comprehensive reports, this tool enables growers to make more accurate data-driven decisions.

### WHAT ARE THE BENEFITS OF USING THE SPRAY KIT?

- /// **Automatic and precise record-keeping:** Can be useful for compliance, safety and quality control.
- /// **More accurate application:** Operators can monitor the amount of chemicals being applied in real-time, resulting in a more accurate and effective application, especially with low doses of active ingredients.
- /// **Reduced pesticide use:** By providing more precise control over the rate of application, the Spray Kit can help reduce the amount of pesticide used, avoiding overdosing.
- /// **Self-installation:** Easy self-installation in a few hours.
- /// **Affordable and easy digitisation:** Transforms analogue sprayers into smart, digitally enabled tools at a cost-effective rate, bridging the gap between traditional equipment and modern precision technology.

# FIELDVIEW™

## YIELD KIT

# Make the switch to digital farming

For many farmers, precision farming has been out of reach and too expensive, too complex, and better suited for large-scale operations. Yet the benefits are clear: optimised inputs, reduced costs, better yields, and more sustainable farming.

The **FieldView™ Yield Kit** makes precision farming accessible to every farmer. It's an affordable, easy-to-install system that fits any combine, regardless of age, make, or model and provides accurate, real-time yield mapping straight to your iPad through the **FieldView™ Cab App**.

### KEY BENEFITS

- /// Quick installation – retrofit your combine in just 2–4 hours; no technical expertise needed.
- /// Simple setup – no additional monitors; sensors are configured via a mobile app.
- /// Reliable accuracy – GPS, optical yield, and moisture sensors deliver precise live data.
- /// Cloud integration – instantly syncs to **FieldView™**, ready for analysis anytime, anywhere.

Simple & fast installation!



Fits all types of harvesters!



Instant insights on your farm!



Cost-effective digital farming!



### WITH FIELDVIEW™, FARMERS CAN:

- /// Track yield by crop, field, and farm in real time.
- /// Link harvest data with planting, fertilising, or spraying records.
- /// Share results with agronomists for collaborative planning.
- /// Generate prescriptions directly for variable-rate applications.

### WHY CHOOSE FIELDVIEW™ ?

Other retrofitted systems are often costly, time-consuming, and limited to file exports. **FieldView™** offers:

- /// Immediate, zone-level insights.
- /// User-friendly analysis without extra software.
- /// Remote monitoring from anywhere.

**THE RESULT?** A deeper understanding of your fields, smarter input use, higher efficiency, and reduced risk – all without the barriers of cost or complexity.

*Contact us today and see how going digital can help you farm smarter.*





***We know your job as a farmer is challenging ...  
but now it can also be rewarding!***

With **Bayer's** loyalty programme, **Legend**, the products you rely on today, can sustain and optimise your farming practice in the future. With every purchase of **DEKALB®** seed or selected **Bayer** crop protection products for maize, you earn points that give you access to a range of products and services from leading agricultural suppliers – from the latest digital tools, precision equipment, agricultural services, expert advice and more.

***Your farming legacy, rewarded!***



***Visit our website  
to learn more >>>***



**Watch our overview video for more information >>>**

The **Legend by Bayer** Reward Partners are subject to change. Refer to the programme's terms and conditions for more information.



**A loyalty programme that rewards our farmers**  
Unlock a world of possibilities for your farm

### How does the Legend programme work?

1. Register for the Legend programme.



### How to register >>>

- Navigate to: [www.cropscience.bayer.co.za](http://www.cropscience.bayer.co.za)
- Click on the “Legend” button at the top right of the page.
- Complete the registration form.

2. **Buy products:** Buy any DEKALB® seed and qualifying Bayer crop protection products for maize.

3. **Collect points:** Earn points by purchasing the products mentioned above.

4. **Receive awards:** The points you've gathered through your purchases, can be used to buy products and services from leading agricultural suppliers.



# WALKING THIS ROAD TOGETHER

## THE ROAD TO FARMING SUCCESS IS NOT ALWAYS AN EASY ONE ...

With practical advice and support throughout your farming journey, we work with you to help you plant your success. The scope of our partnership extends further than just providing solutions. It is a shared journey to a sustainable and prosperous future for your farm. Let's talk ... about solutions that can benefit your farm's future.

**Always by your side ...**

Let's talk ...



# MEET THE TEAM

**Johan Bibbey** /// Seed Commercial Lead - RSA /// 082 924 1077

**Stephen Nel** /// Crop Protection Commercial Lead – RSA /// 082 887 6696

## TERRITORY EAST

### SQUAD 1

**Ockie van Schalkwyk** /// Squad Integrator Seed /// 082 851 8483

### SALES TEAM

**Arno Oosthuizen** /// Middelburg/South, Hendrina /// 072 743 7637  
**Peet la Cock** /// Middelburg/North, Belfast, Stoffberg /// 082 325 6648  
**Lourens Swart** /// Bronkhorstspuit, Ogies, Delmas /// 082 682 2079  
**Jan Gouws** /// Bronkhorstspuit, Bapsfontein, Ogies, Delmas /// 079 528 5295  
**Nelius Moll** /// Amersfoort /// 084 409 1594  
**Francois du Plessis** /// Bethal, Highveld Ridge /// 076 301 6834  
**Jan Saaiman** /// Standerton /// 066 480 1254  
**Ignus van Rooyen** /// Ermelo, Carolina /// 082 603 2810  
**Daan Coetzer** /// Groblersdal, Marble Hall, Lydenburg /// 073 912 7686  
**Paul Grobbelaar** /// Lydenburg /// 078 457 1857  
**Paul Terblanche** /// Senior Agronomist /// 076 062 5654  
**André Botes** /// Agronomist /// 082 374 1647  
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### SQUAD 3

**GP van den Berg** /// Squad Integrator Seed /// 083 229 2649

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**Kevin Gotte** /// KZN Midlands /// 082 466 2040  
**Gavin Tarr** /// Underberg, Kokstad /// 082 494 6099  
**Frans Putz** /// Bergville, Winterton /// 082 324 4593  
**Jurgen Putz** /// Bergville, Winterton /// 084 626 8891  
**Richard Perks** /// Ugie, Elliot, Underberg /// 082 723 0216  
**Sandile Khumalo** /// Smallholder Farmers & Small Packs: KwaZulu-Natal, Eastern Cape, eSwatini /// 082 388 0215  
**Chris Phakathi** /// Smallholder Farmers & Small Packs: Mpumalanga, Gauteng, North West, Botswana /// 082 388 4446  
**William Mothapo** /// Smallholder Farmers & Small Packs: Free State, Limpopo & Lesotho /// 082 735 7254  
**Dennis Makuwa** /// Agronomist /// 072 595 7080  
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## TERRITORY CENTRAL

### SQUAD 2

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### SALES TEAM

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**Arno Boshoff** /// Bethlehem, Kestell, Fouriesburg /// 082 944 9303

**Wian Bolton** /// Daniëlsrus, Reitz, Petrus Steyn /// 072 326 8000

**Francois Koch** /// Nigel, Balfour, Greylingstad, Grootvlei, Heidelberg, Villiers  
/// 083 651 1571

**Jan Schabort** /// Frankfort, Villiers /// 082 773 4490

**Barto Luus** /// Vrede /// 082 378 2951

**Louis Pieterse Jnr** /// Reitz, Petrus Steyn /// 082 944 7716

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**At van den Berg** /// Parys, Koppies, Kroonstad, Sasolburg /// 082 751 6448

**SG Botes** /// Vierfontein, Viljoenskroon /// 082 651 9105

**Leon Pretorius** /// Bothaville, Odendaalsrus /// 082 868 1243

**Wynand Nortje** /// Heilbron, Sasolburg /// 071 606 5963

**Cliffie Cawood** /// Senekal, Winburg, Steynsrus, Arlington /// 083 444 5527

**Charles Kotzé** /// Clocolan, Ficksburg, Ladybrand /// 082 898 7631

**Willie du Plessis** /// Bothaville North /// 060 998 3861

**Paul Groenewald** /// Senior Agronomist /// 084 200 2314

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### SQUAD 6

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### SALES TEAM

**Tiaan Vlok** /// Douglas /// 082 551 2580

**Louwtjie Steenkamp** /// Jacobsdal /// 082 808 3316

**Pieter-Paul de Vries** /// Upington, Groblershoop, Prieska /// 082 948 2595

**Ben Cronjé** /// Hopetown, Lückhoff /// 083 701 7476

**Nolene Cronjé** /// Makelaar, Hopetown, Lückhoff /// 083 701 7476

**RP Oelofse** /// Christiana, Vaalharts /// 082 823 2598

**Dirkie Visser** /// Cradock, Hofmeyr, Gariep Dam /// 082 550 4499

**Flip Snyman** /// George, Humansdorp, Patensie /// 082 335 4783

**Wian Visser** /// Agronomist /// 060 964 9005

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## TERRITORY WEST

### SQUAD 5

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**André Bezuidenhout** /// Bloemhof, Hoopstad /// 083 448 9194

**Reghard van der Merwe** /// Kroonstad, Henneman, Virginia, Theunissen, Ventersburg /// 082 082 3257

**Sam Kramer** /// Bloemfontein /// 082 894 5788

**Rudolph Marais** /// Wesselsbron /// 083 293 0686

**Ernst Marais** /// Wesselsbron, Welkom /// 082 486 6440

**Charl Blom** /// Hertzogville /// 079 874 6850

**Jacques van der Vyver** /// Wolmaransstad, Leeudoringstad, Makwassie /// 082 866 1698

**Neels Faber** /// Senior Agronomist /// 066 188 9047

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### SALES TEAM

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**Hannes Janse van Rensburg** /// Lichtenburg East, Coligny /// 083 230 8191

**Gert van der Linde** /// Biesiesvlei, Sannieshof, Mareetsane, Stella /// 079 524 7954

**Carl Bamberger** /// Delareyville, Vryburg, Migdol /// 079 525 6591

**André Meyer** /// Koster, Derby, Tarlton, Randfontein /// 082 388 0198

**Nico Laubscher** /// Ventersdorp /// Contact Coenie Reichel /// 083 458 3135

**Jaun Schutte** /// Thabazimbi, Brits /// 082 572 6474

**Pine Liebenberg** /// Warmbad /// 083 255 9566

**Nico Laubscher** /// Potchefstroom North, Ventersdorp /// 082 314 1889

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**Andries Bester** /// Crop Protection Sales Representative /// Far North, Limpopo and Lowveld /// 082 448 3968

**Barry Schoombee** /// Crop Protection Sales Representative /// KZN /// 082 907 9229

**Schalk Kotze** /// Crop Protection Sales Representative /// Free State West, North West [Schweizer-Reneke, Wolmaransstad] /// 082 896 2470

**Vacancy** /// Crop Protection Sales Representative /// Northern Cape and Christiana /// Contact **Schalk van Wyk** 082 878 0818

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**Bianca Botha** /// Crop Protection Sales Representative /// Eastern Highveld /// 082 388 0321

**Louis Odendaal** /// Crop Protection Sales Representative /// Eastern Free State /// 071 143 7624

**Hentie Minnaar** /// Senior Agronomist /// 072 655 5454

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## TERRITORY SOUTH

### WESTERN, EASTERN AND NORTHERN CAPE

**Bennie Botes** /// Squad Integrator – Crop Protection /// South /// 082 871 2318

### SALES TEAM

**Jannie Bruwer** /// Crop Protection Sales Representative /// Southern Cape /// 082 806 8715

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**Nicolize Stigaard** /// Sales Representative /// Western Cape /// 082 650 6660

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**Isabel Neethling** /// Stewardship South Africa /// 064 801 7629

**Pieter Snyman** /// Digital Strategy Developer /// 060 966 4246

**Wilhelm van Heerden** /// Agronomic Excellence: Maize and Soybeans – West  
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**Sanesh Ramburan** /// Excellence: Horticulture & Cereals North /// 076 480 3457

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**Digital Activation Specialists:** See detail in various squads.







Let's talk ...

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