



HYBRIDS



PROTECTION



DATA

PAVING THE WAY FOR YOUR SUCCESS

Always by your side ...





HYBRIDS



PROTECTION



DATA



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CALENDAR

Use this guide with confidence for all your planning.

IT ALL STARTS HERE ...





With DEKALB® seed and Bayer always by your side ...

#DEKALBdifference

The #DEKALBdifference is a full package with a combined solution for maize, supported by our three pillars:

01

PERFORMANCE

- /// A broad portfolio of cutting-edge, high-potential hybrids.
- /// Adaptable in stressful environmental conditions.
- /// Research and development – science-based precision breeding.

02

PROTECTION

- /// Pre-emergence protection through seed treatment.
- /// Post-emergence protection through **Bayer's** extensive crop protection offering.

03

PARTNERSHIP

- /// Continuous support and trusted agronomic advice from our **DEKALB®** representatives and team of agronomists.
- /// **FieldView™** – digital tools and platforms to help you make data-driven decisions.



SEED YOUR SUCCESS

The **DEKALB**® brand is synonymous with innovative solutions and top-performing maize hybrids, supported by technology and development to enhance productivity.

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 protect your crops from insects, weeds and diseases.

PROTECTION

Protect your hybrids from the start. **Bayer**'s product range contains a wide variety of 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.

What does the #DEKALBDIFFERENCE mean to you?

As a maize farmer, you constantly face a variety of challenges that pose a threat to your crop performance and in effect, your profitability. We understand the importance of mitigating risks to ensure that you receive maximum return on your seed investment. That's where the **#DEKALBdifference** comes in! With our full-package solution, we help you to grow more with less, master current and future challenges and optimise your farm's profitability.

With this fullpackage solution, we focus on providing advanced genetics to boost your crop performance, seed treatment and crop protection options to help protect your seed investment and a partnership that will drive change on your farm.



THE ROAD TO YOUR SUCCESS



Always by your side ...

The genetic diversity of our hybrids forms the basis of our breeding programme and offers a variety of hybrids to farmers to address their specific needs. Our technology offers built-in traits that help producers combat insects and pests, simplify weed control or simply increase productivity to ensure that you get the most out of every hectare.

Our doors are always open and we invite our producers to work in partnership with us to create solutions for the challenges on your farm. At **Bayer**, your pride and passion is our priority and form the foundation for everything that we do.

#BAYERBENEFIT





HYBRIDS

PLANT THE #DEKALBDIFFERENCE

HYBRIDS BRED TO MAXIMISE YIELD AND QUALITY

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, protective products inside and outside the bag as well as useful digital tools.

Discover the **#DEKALBdifference**.



HYBRIDS



PROTECTION



DATA



DEKALB®'S TOP SEED GENETICS AND TECHNOLOGY

Our elite seed genetics and innovative traits and technologies, that are synonymous with the **DEKALB®** range of maize hybrids, are specifically developed to meet your on-farm requirements.

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 to **DEKALB®**. Getting the most out of every hectare means more food for our growing population.

QUALITY PRODUCTS

TAILORED SOLUTIONS

AGRICULTURAL PRODUCTIVITY



YIELD AND CONVENIENCE ALL IN ONE BAG

In today's agricultural landscape, we understand the importance of making the most out of every kernel. That is why 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 **DEKALB®** hybrids.

DEKALB® stacked traits, YieldGard® MAIZE 2, Roundup Ready® MAIZE 2 and **conventional** seed bags are available in 80 000 kernel count.

For those who prefer to buy seed in bulk, we also provide **DEKALB®** maize seed in bulk seedboxes for improved storage and ease of use.

All **DEKALB®** seeds also enjoy the benefits of **Acceleron®** seed treatment. **Acceleron®** protects seed from the outset against a variety of nematodes, insects and soil- and seed-borne diseases that may occur early in the season.



YieldGard®
MAIZE 2

**Roundup
Ready®**
MAIZE 2

ACCELERON®
SEED APPLIED SOLUTIONS

BUILD-UP PROTECTION

WITH BUILT-IN TECHNOLOGY

Optimal performance starts from within. With our built-in technology designed to protect your maize, you can rest assured that your crops are taken care of.



Roundup Ready® MAIZE 2 offers:

- /// Built-in tolerance to registered and approved glyphosate herbicides.
- /// Optimises yield through effective broad-spectrum weed management.
- /// Ensures crop safety.
- /// Unlocks the hybrid's genetic potential.
- /// Enables you to implement no-tillage and conservation tillage practices.



YieldGard® MAIZE 2 offers:

- /// Built-in protection against maize stalk borers *Busseola fusca* and *Chilo partellus*.
- /// Built-in protection against the fall armyworm *Spodoptera frugiperda*.
- /// Protects the hybrid's genetic potential.
- /// Reduces chemical insect control.



Acceleron® offers:

- /// Specifically designed to enhance the performance potential of **DEKALB®** hybrids.
- /// Protect seed against early-season nematodes, insects and diseases.
- /// Improve emergence, plant development and the general condition of the crop.
- /// **Acceleron®** seed treatment is exclusively available on **DEKALB®** seed.



BLUE /// WHITE MAIZE

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

BLUE /// YELLOW MAIZE

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

BURGUNDY /// WHITE MAIZE

- Roundup Ready® MAIZE 2
- Acceleron®

BURGUNDY /// YELLOW MAIZE

- Roundup Ready® MAIZE 2
- Acceleron®

GREEN /// WHITE MAIZE

- YieldGard® MAIZE 2
- Acceleron®

GREEN /// YELLOW MAIZE

- YieldGard® MAIZE 2
- Acceleron®

ORANGE /// WHITE MAIZE

- Conventional
- Acceleron®

ORANGE /// YELLOW MAIZE

- Conventional
- Acceleron®



MORE THAN JUST A BAG!

A WORLD OF POSSIBILITIES



EXPERIENCE THE BENEFITS OF BUILT-IN PROTECTION

All seed bags contain the following useful information to better understand and use DEKALB® maize to seed your success:

The diagram shows a seed bag with several key features highlighted by callouts:

- Stewardship – Certification** that the seed conforms to a stewardship standard for biotechnology traits.
- Scale** indicates whether the bag has been opened and closed again.
- Safety guidelines** allow you to use the product to avoid harm to self, others and the planet.
- Legal information** including registration number etc.
- Sticker** with the hybrid's name, hybrid's number and treatment details.
- Acceleron® seed treatment logo.**
- Colour of bag for trait identification.**
- SANSOR seed certification** – The label shows that the seed conforms to certain seed quality standards.
- Label at the bottom** of the bag.
- This information is duplicated** at the bottom of the bag to enable reading of the hybrid identity when the bags are stacked.



DEKALB® BULK PACKAGING FOR YOUR CONVENIENCE

We know that the storage of seed can cause headaches before and during planting. Therefore, we also provide **DEKALB®** maize seed in bulk seedboxes to large commercial producers for improved storage and ease of use.

Seedboxes provide additional protection against dirt, moisture, pests and theft. These seedboxes are strong and durable and can carry loads of up to 1.25 tons. Multiple containers also interlock when stacked or nested for safe, secure storage. They can easily be moved by forklift, which significantly reduces the need for manual labour.

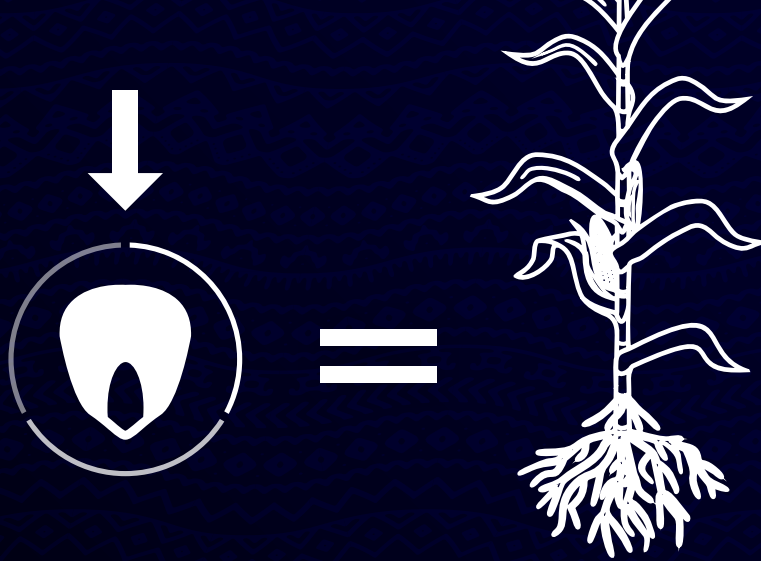
Each seedbox contains 2.5 – 3.5 million kernels depending on the seed size. The **DEKALB®** maize seed can be dispensed from the seedbox into the planter by means of an AgriCad trailer or a hydraulic system.

Most of the **DEKALB®** hybrid range is available in seedboxes and the offering also includes a range of **Acceleron®** seed treatments and seed sizes.

This is just another example of how **Bayer** is shaping agriculture to benefit farmers, consumers and our planet.

For further information:

Contact your nearest **DEKALB®** sales representative.




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 a wide range of products specifically created for your needs.

With **DEKALB®** you get more than just advanced genetics, you get **Acceleron® seed treatment** standard with all hybrids, ensuring your seed gets a strong start, online resources and 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.

Discover the **#DEKALBdifference**.

A photograph of two men in a field. One man is kneeling on the left, wearing a grey shirt, khaki pants, and a baseball cap. The other man is standing on the right, wearing a light-colored short-sleeved shirt and jeans. Between them is a large bag of DeKalb YieldGard maize seed. The bag is blue and yellow, with the DeKalb logo and "YieldGard MADE 2" visible. The background shows a field of tilled soil under a clear sky.

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

HYBRIDS FOR BIG AND SMALL

Choose DEKALB® seed quantity and options in conventional or stacked gene traits:



Keep a look out for this icon that signals the hybrids that are suitable for small-scale farming.

COMMERCIAL BULK



Choose from the following DEKALB® seed technologies:


Stacked Traits – BLUE

Roundup® Ready MAIZE 2 – BURGUNDY

Conventional – ORANGE



Both yellow and white hybrid seeds are available in pack sizes of: **2 kg, 5 kg, 30 000** and **80 000** kernels.

A man in a light-colored short-sleeved shirt and blue trousers stands next to a red tractor in a field. The tractor has large black tires and a red canopy. The background shows a clear blue sky and a distant horizon.

One of the most well-know 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.

Yellow maize

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

DKC74-26R
DKC74-20
DKC74-74BR

DKC80-40BR GEN

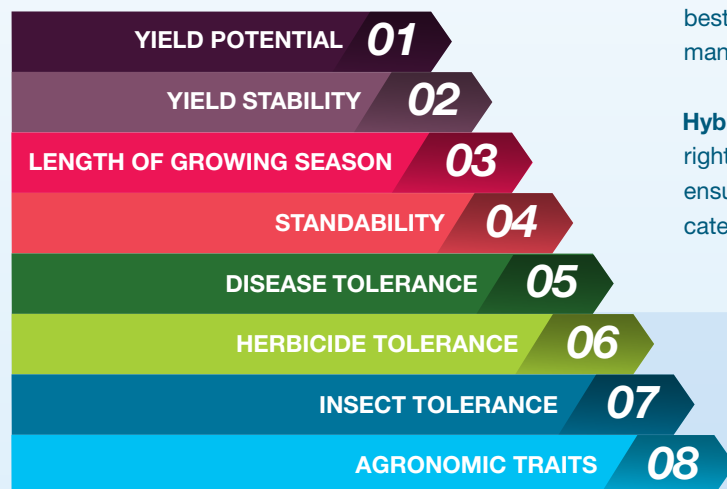
White maize

DKC76-71
DKC76-73R
DKC76-77BR
DKC78-45BR GEN

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

HYBRID CHOICE AND POSITIONING

As your trusted on-farm partner, we are dedicated to ensuring that you maximise profit and optimise productivity. We not only support you with innovative technologies, excellent hybrids with a competitive disease protection portfolio, seed treatments and a wide crop protection portfolio but 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 ensure that all possible challenges are evaluated and catered for before planting.

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

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 HYBRIDS 2024

WHITE AND YELLOW HYBRIDS
POSITIONING THROUGHOUT SOUTH AFRICA



HYBRIDS



PROTECTION



DATA



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 multi-season data and experiences.
- /// Population recommendations should be verified per hybrid by the **Bayer** representative in your area.

Scan this QR-code to read more on plant population:



SPIDER GRAPHS

Important for the interpretation of the spider graphs:

- /// If the hybrid is positioned more to the centre of the graph, the performance of the hybrid is weaker. If positioned more to the outside of the graph, the more suited the hybrid is to the topic.
- /// During placement more than one factor can be important.
- /// Interpret different factors together to make sound decisions.
- /// Combine assumptions to position more than one hybrid.
- /// Use a process of elimination working through the spider graphs to end up with recommendations.
- /// All hybrids are superior genetics and the aim of the spider graphs is to place the hybrids on the farm to address different and specific needs.

Disease tolerance description codes:

HT – High Tolerance:

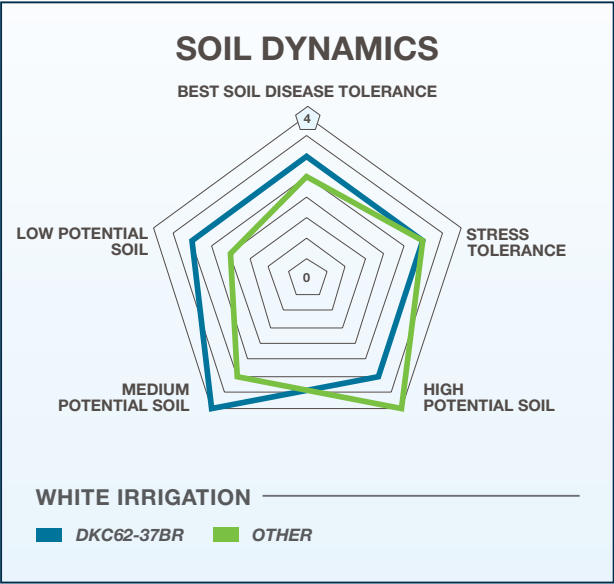
Hybrid that highly restricts the growth and/or development of the specified disease/pathogen or the damage it causes under normal disease pressure when compared to intermediate or low tolerant hybrids. The hybrid may, however, exhibit some symptoms or damage under heavy disease pressure.

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.

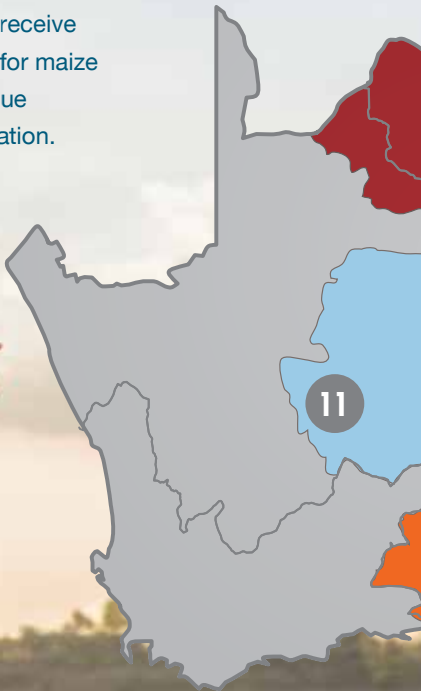


TOLERANCE	
Rust	HT
Spot	LT
Streak Virus	IT
Leaf Spot	LT
Ear Rot	IT

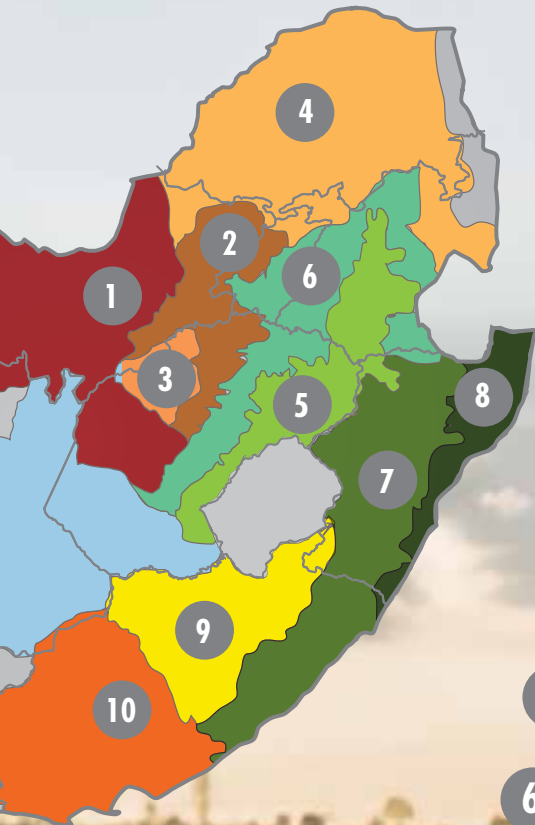


South Africa's maize production areas differ in terms of potential and climate. The western drylands have lower potential, rainfall challenges, and heat stress.

The eastern dryland and temperate dryland areas offer a higher potential with sporadic droughts and less heat stress. Natal and the Eastern Cape areas receive enough rainfall and have less heat stress, ideal for maize cultivation. Other areas also have their own unique circumstances. Consult the map for more information.



PRODUCTION AREAS



1

Dryland West: Lower potential. Low rain fall.
Mid altitude. Prone to heat stress and drought.

2

Dryland West: Higher potential. Average rain fall.
Mid altitude. Occasional drought and heat stress.

3

Dryland West: Watertable soils. Average rain fall.
Mid altitude. Occasional drought and heat stress.

4

Dryland West: North. Lower potential.
Low rain fall. 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.

HYBRID LIST

WHITE

DKC62-35R



DKC62-37BR



DKC73-75BR



DKC75-65BR



DKC76-71



DKC76-73R



DKC76-75B



DKC76-77BR



DKC77-77BR



DKC78-45BR GEN



DKC78-77BR



YELLOW

DKC59-32BR



DKC60-74R



DKC60-76BR



DKC61-60BR



DKC64-50B



DKC64-52R



DKC64-54BR



DKC65-52BR



DKC65-60BR



DKC65-72



DKC66-66BR



DKC68-50



DKC71-46BR



DKC72-66BR



DKC72-70



DKC72-72B



DKC72-74R



DKC72-76BR



DKC73-70B GEN



DKC73-72



DKC73-74BR GEN



DKC73-76R



DKC74-20



DKC74-26R



DKC74-74BR



DKC76-76BR



DKC77-22



DKC77-26BR



DKC78-78BR



DKC80-40BR GEN



Irrigation production area



Western production area



Eastern production area



BAYER'S CROP PROTECTION FOR MAIZE:

Stacked protection for white maize hybrids and your choice of technology.



NOW THAT'S MAIZE! WHITE HYBRIDS

ACCELERON
SEED APPLIED SOLUTIONS

YieldGard
MAIZE 2

Roundup
Ready
MAIZE 2

Please take note of the following icons on the hybrid pages:



Hybrids appropriate for small-scale farming.



Spider graphs available for the relevant hybrid.

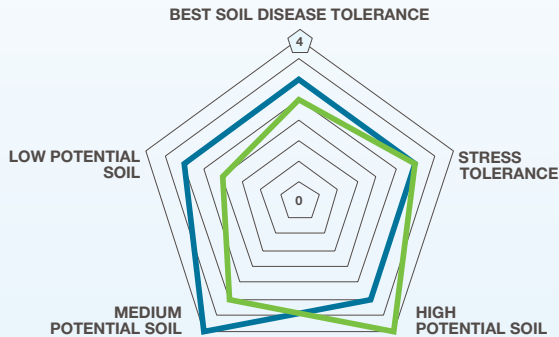


Full irrigation hybrids.



HYBRID PERFORMANCE HYBRID COMPARISONS

SOIL DYNAMICS



WHITE IRRIGATION

DKC62-37BR OTHER

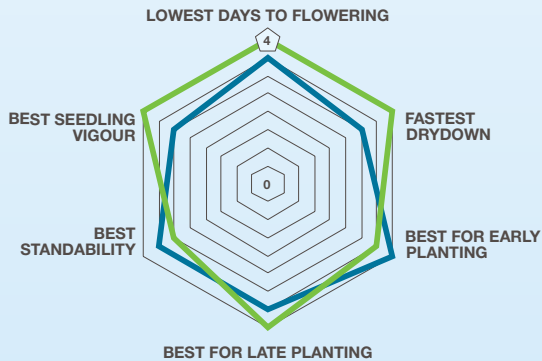
PLANT POPULATION



WHITE IRRIGATION

DKC62-37BR OTHER

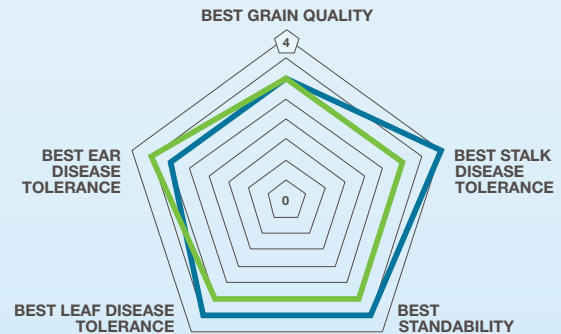
HARVEST TIMING AND MATURITY



WHITE IRRIGATION

DKC62-37BR OTHER

CONTINUOUS MAIZE CONUNDRUM

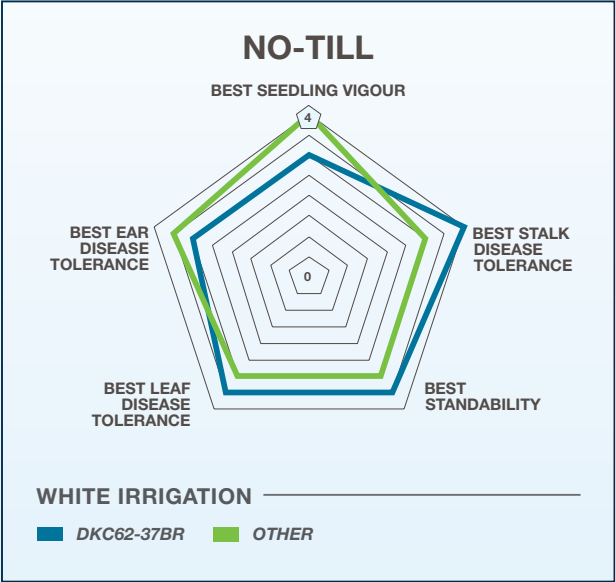


WHITE IRRIGATION

DKC62-37BR OTHER

HYBRID PERFORMANCE

HYBRID COMPARISONS



PLANT POPULATION:

- Dynamic interactions with hybrids.
- High populations and tall plants can lead to lodging risk.
- Position hybrids strategically for optimal results.
- Lower populations can reduce standability issues.

HARVEST TIMING & MATURITY:

- Importance of planting the right hybrid at the right time.
- Avoid the “frost window” in March/April.
- Extend pollination period for risk mitigation.
- Consider hybrids with strong seedling vigour for early planting in cold soil.

MAIZE MONOCULTURE SCENARIO:

- Monoculture leads to pathogen buildup over time.
- Choose hybrids with disease tolerance.
- Know prevalent diseases for proper hybrid placement.
- Grain quality and lodging impact profitability.

SOIL DYNAMICS:

- In this graph, hybrids that are suited to different soil potentials and conditions are displayed.
- Harvest maps and soil potential maps can help to select the best hybrid for each scenario.

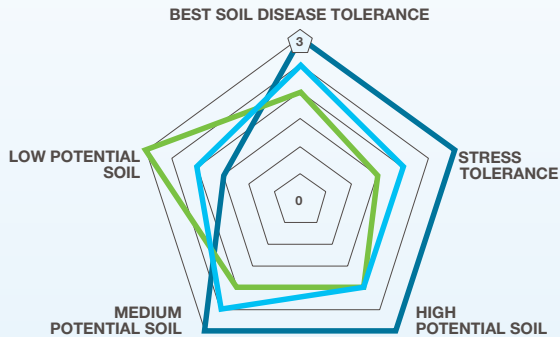
NO-TILL:

- No-till maize exhibits superior seedling vigour and stalk disease tolerance.
- Highlights benefits of no-till in managing and preventing stalk diseases.

REGION	COLD EAST		TEMPERATE EAST		IRRIGATION
Potential	High	Medium	High	Medium	High
DKC62-37BR	80 000	65 000	85 000	70 000	80-90

HYBRID PERFORMANCE HYBRID COMPARISONS

SOIL DYNAMICS



WHITE DRYLANDS EAST

DKC73-75BR DKC76-77BR DKC78-45BR GEN

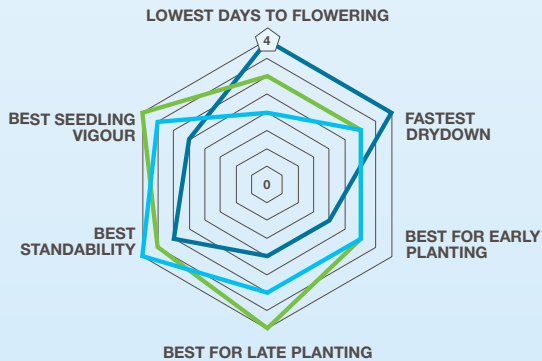
PLANT POPULATION



WHITE DRYLANDS EAST

DKC73-75BR DKC76-77BR DKC78-45BR GEN

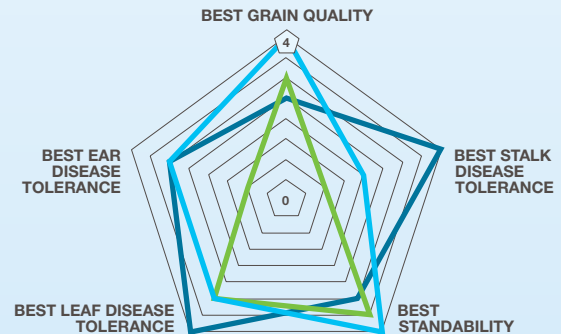
HARVEST TIMING AND MATURITY



WHITE DRYLANDS EAST

DKC73-75BR DKC76-77BR DKC78-45BR GEN

CONTINUOUS MAIZE CONUNDRUM

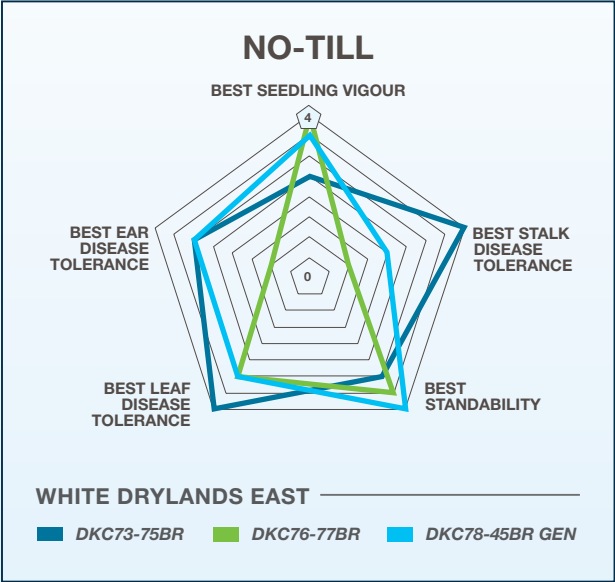


WHITE DRYLANDS EAST

DKC73-75BR DKC76-77BR DKC78-45BR GEN

HYBRID PERFORMANCE

HYBRID COMPARISONS



PLANT POPULATION:

- /// Dynamic interactions with hybrids.
- /// High populations and tall plants can lead to lodging risk.
- /// Position hybrids strategically for optimal results.
- /// Lower populations can reduce standability issues.

HARVEST TIMING & MATURITY:

- /// Importance of planting the right hybrid at the right time.
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- /// Consider hybrids with strong seedling vigour for early planting in cold soil.

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- /// Know prevalent diseases for proper hybrid placement.
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SOIL DYNAMICS:

- /// In this graph, hybrids that are suited to different soil potentials and conditions are displayed.
- /// Harvest maps and soil potential maps can help to select the best hybrid for each scenario.

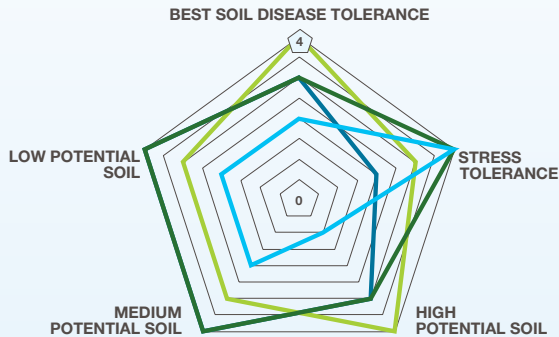
NO-TILL:

- /// No-till maize exhibits superior seedling vigour and stalk disease tolerance.
- /// Highlights benefits of no-till in managing and preventing stalk diseases.

REGION	COLD EAST			TEMPERATE EAST		
Potential	High	Medium	Low	High	Medium	Low
DKC73-75BR	55 000	48 000	42 000	55 000	48 000	40 000
DKC76-77BR	58 000	48 000	Not recommended	58 000	50 000	Not recommended
DKC78-45BR GEN	55 000	45 000	35 000	55 000	45 000	35 000

HYBRID PERFORMANCE HYBRID COMPARISONS

SOIL DYNAMICS



WHITE DRYLANDS WEST

DKC78-77BR DKC75-65BR
DKC76-77BR DKC77-77BR

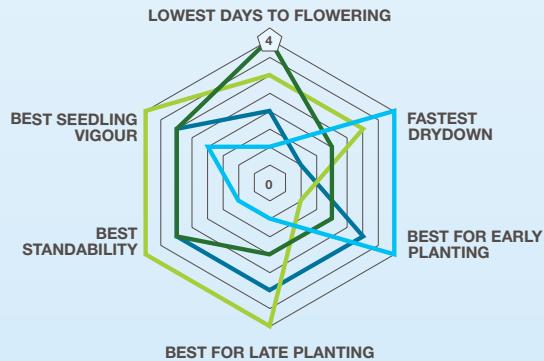
PLANT POPULATION



WHITE DRYLANDS WEST

DKC78-77BR DKC75-65BR
DKC76-77BR DKC77-77BR

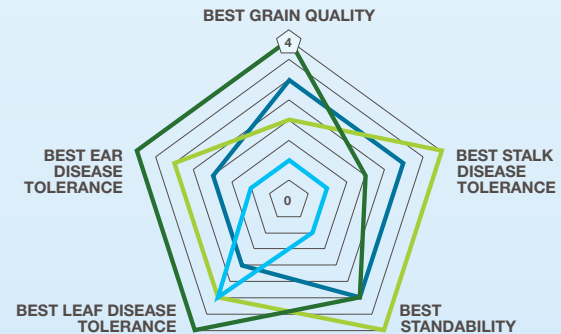
HARVEST TIMING AND MATURITY



WHITE DRYLANDS WEST

DKC78-77BR DKC75-65BR
DKC76-77BR DKC77-77BR

CONTINUOUS MAIZE CONUNDRUM

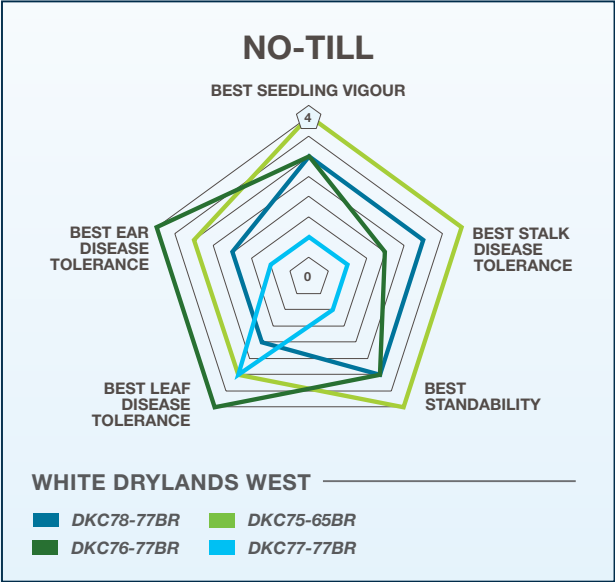


WHITE DRYLANDS WEST

DKC78-77BR DKC75-65BR
DKC76-77BR DKC77-77BR

HYBRID PERFORMANCE

HYBRID COMPARISONS



PLANT POPULATION:

- /// Dynamic interactions with hybrids.
- /// High populations and tall plants can lead to lodging risk.
- /// Position hybrids strategically for optimal results.
- /// Lower populations can reduce standability issues.

HARVEST TIMING & MATURITY:

- /// Importance of planting the right hybrid at the right time.
- /// Avoid the “frost window” in March/April.
- /// Extend pollination period for risk mitigation.
- /// Consider hybrids with strong seedling vigour for early planting in cold soil.

MAIZE MONOCULTURE SCENARIO:

- /// Monoculture leads to pathogen buildup over time.
- /// Choose hybrids with disease tolerance.
- /// Know prevalent diseases for proper hybrid placement.
- /// Grain quality and lodging impact profitability.

SOIL DYNAMICS:

- /// In this graph, hybrids that are suited to different soil potentials and conditions are displayed.
- /// Harvest maps and soil potential maps can help to select the best hybrid for each scenario.

NO-TILL:

- /// No-till maize exhibits superior seedling vigour and stalk disease tolerance.
- /// Highlights benefits of no-till in managing and preventing stalk diseases.

REGION	DRY LAND WEST		
Hybrid	High Potential & Water Table	Medium Potential	Low Potential
DKC75-65BR	35 000	28 000	20 000
DKC76-77BR	33 000	26 000	20 000
DKC77-77BR	30 000	25 000	20 000
DKC78-77BR	40 000	28 000	20 000

POSITIONING THROUGHOUT SOUTH AFRICA

EAST, WEST & IRRIGATION

There are many benefits to reap from choosing a white maize hybrid for the eastern, western and irrigation maize production areas from our **DEKALB®** range. Our genetics and technology are supported by unparalleled innovation. We help you seed your success.

WHITE

DKC62-35R



DKC62-37BR



DKC73-75BR



DKC75-65BR



WHITE

DKC76-71



DKC76-73R



DKC76-75B



DKC76-77BR



DKC77-77BR



DKC78-45BR GEN



DKC78-77BR



Irrigation production area



Western production area



Eastern production area





Hybrids in this series:



DKC62-37BR

DKC62-35R

WHITE MAIZE HYBRID
DKC62 SERIES



PLANT REGION:           

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

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

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Good
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		245 – 270 CM	
Ear height:		110 – 130 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	IT
Foliar Disease	IT

NEW!

Hybrids in this series:



DKC73-75BR

WHITE MAIZE HYBRID
DKC73 SERIES



DRYLAND EAST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

- /// Excellent disease tolerance.
- /// Strong emergence.
- /// Excellent yield stability.
- /// Few tassel ears.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	Fair

Tip covering of the ear:	Good
Grain quality:	Good
Emergence:	Excellent
Yield stability:	Good
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	75 – 85 DAYS
Estimated relative maturity:	117 – 135 DAYS

PLANT PROPERTIES

Plant height:		214 – 285 CM	
Ear height:		95 – 130 CM	
Ears East:	1.3	Ears West:	N/A

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	LT
Maize Streak Virus	–
Grey Leaf Spot	–
Diplodia Ear Rot	IT
Gibberella Ear Rot	IT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:

DKC75-65BR



WHITE MAIZE HYBRID DKC75 SERIES

 DRYLAND WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

- /// More ears per plant in the western region.
- /// Strong emergence.
- /// Excellent yield stability.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Average
Silk balling:	None

Tip covering of the ear:	Fair
Grain quality:	Average
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	117 – 145 DAYS

PLANT PROPERTIES

Plant height:		200 – 230 CM	
Ear height:		105 – 130 CM	
Ears East:	N/A	Ears West:	1.9

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	LT
Maize Streak Virus	IT
Grey Leaf Spot	IT
Diplodia Ear Rot	HT
Gibberella Ear Rot	LT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:

DKC76-77BR



DKC76-73R



DKC76-75B

DKC76-71



WHITE MAIZE HYBRID DKC76 SERIES



DRYLAND EAST & WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

- /// High disease tolerance.
- /// High number of ears per plant in both the eastern and western regions.
- /// Very good tip covering of the ear.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Average
Silk balling:	Fair

Tip covering of the ear:	Very good
Grain quality:	Excellent
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	117 – 145 DAYS

PLANT PROPERTIES

Plant height:	210 – 280 CM	
Ear height:	95 – 130 CM	
Ears per plant:	East:	West:
DKC76-71	1.4	2
DKC76-73R	1.3	1.9
DKC76-75B	1.4	2
DKC76-77BR	1.4	2

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	IT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:



DKC77-77BR

WHITE MAIZE HYBRID
DKC77 SERIES



DRYLAND WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

/// Excellent emergence and
yield stability.
/// Few tassel ears.
/// No silk balling.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Average
Silk balling:	None

Tip covering of the ear:	Fair
Grain quality:	Good
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	68 – 78 DAYS
Estimated relative maturity:	117 – 145 DAYS

PLANT PROPERTIES

Plant height:		200 – 230 CM	
Ear height:		90 – 110 CM	
Ears East:	N/A	Ears West:	2

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	LT
Maize Streak Virus	IT
Grey Leaf Spot	LT
Diplodia Ear Rot	IT
Gibberella Ear Rot	LT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:



DKC78-45BR GEN

WHITE MAIZE HYBRID
DKC78 SERIES



DRYLAND EAST & WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

- /// High disease tolerance.
- /// Higher number of ear per plant, especially in the western region.
- /// Very good tip covering of the ear.
- /// Excellent grain quality.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Average
Silk balling:	None
Tip covering of the ear:	Very good
Grain quality:	Excellent
Emergence:	Average
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	68 – 78 DAYS
Estimated relative maturity:	120 – 148 DAYS

PLANT PROPERTIES

Plant height:		210 – 240 CM	
Ear height:		95 – 130 CM	
Ears East:	1.5	Ears West:	2.1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT

NEW!

Hybrids in this series:

DKC78-77BR

WHITE MAIZE HYBRID
DKC78 SERIES

 DRYLAND WEST

PLANT REGION:           

For more information, please consult p 25 for the icon descriptions.

ADVANTAGES

- /// Excellent grain quality and 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
Tassel ears:	Few
Tillering:	Many
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Good
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	117 – 145 DAYS

PLANT PROPERTIES

Plant height:		230 – 250 CM	
Ear height:		110 – 130 CM	
Ears East:	1.4	Ears West:	2

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	–
Grey Leaf Spot	–
Diplodia Ear Rot	HT
Gibberella Ear Rot	LT
Northern Leaf Blight	HT
Foliar Disease	HT

SPIDER GRAPHS

Important for the interpretation of the spider graphs:

- /// If the hybrid is positioned more to the centre of the graph, the performance of the hybrid is weaker. If positioned more to the outside of the graph, the more suited the hybrid is to the topic.
- /// During placement more than one factor can be important.
- /// Interpret different factors together to make sound decisions.
- /// Combine assumptions to position more than one hybrid.
- /// Use a process of elimination working through the spider graphs to end up with recommendations.
- /// All hybrids are superior genetics and the aim of the spider graphs is to place the hybrids on the farm to address different and specific needs.

Disease tolerance description codes:

HT – High Tolerance:

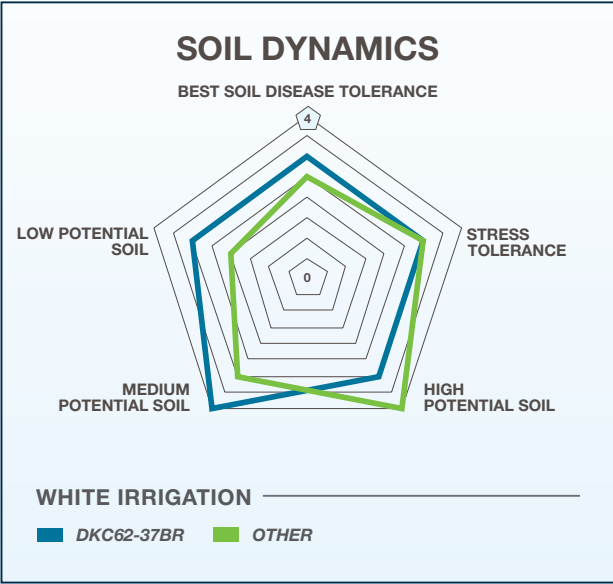
Hybrid that highly restricts the growth and/or development of the specified disease/pathogen or the damage it causes under normal disease pressure when compared to intermediate or low tolerant hybrids. The hybrid may, however, exhibit some symptoms or damage under heavy disease pressure.

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.



TOLERANCE	
Rust	HT
Rot	LT
Streak Virus	IT
Leaf Spot	LT
Ear Rot	IT



BAYER'S CROP PROTECTION FOR MAIZE:

Stacked protection for yellow maize hybrids and your choice of technology.



NOW THAT'S MAIZE! YELLOW HYBRIDS



YieldGard[®]
MAIZE 2



Please take note of the following icons on the hybrid pages:



Hybrids appropriate for small-scale farming.



Spider graphs available for the relevant hybrid.

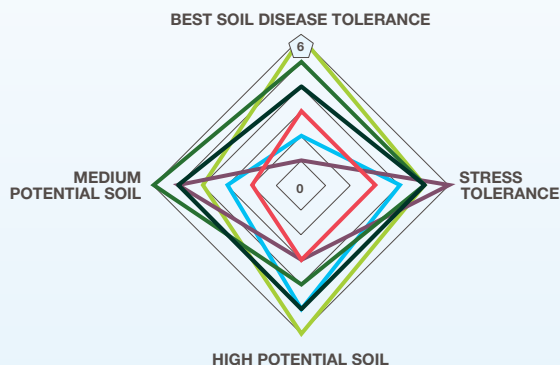


Full irrigation hybrids.



HYBRID PERFORMANCE HYBRID COMPARISONS

SOIL DYNAMICS



YELLOW IRRIGATION



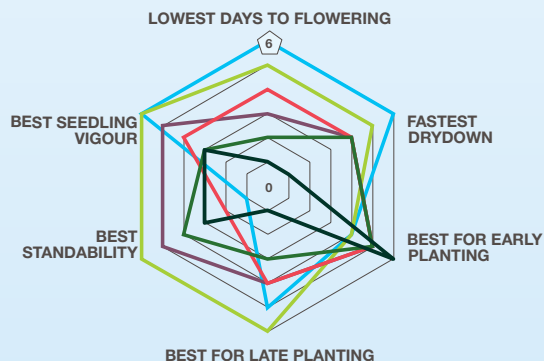
PLANT POPULATION



YELLOW IRRIGATION



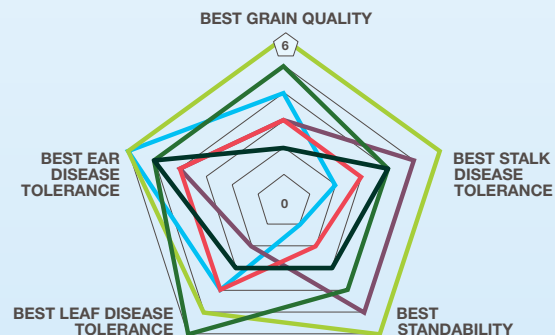
HARVEST TIMING AND MATURITY



YELLOW IRRIGATION



CONTINUOUS MAIZE CONUNDRUM

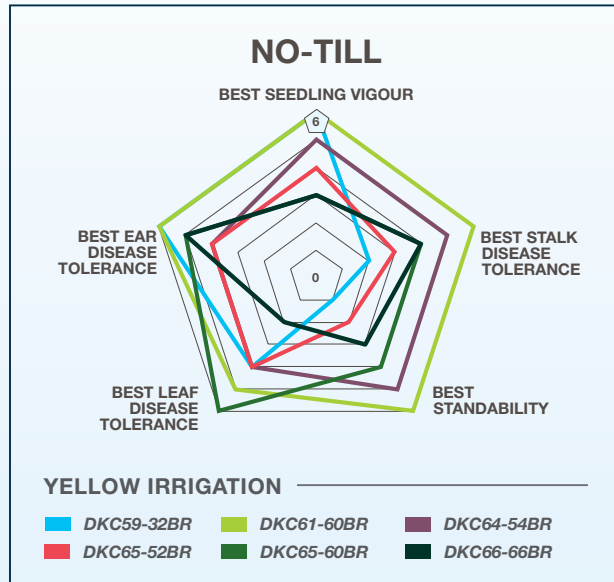


YELLOW IRRIGATION



HYBRID PERFORMANCE

HYBRID COMPARISONS



PLANT POPULATION:

- /// Dynamic interactions with hybrids.
- /// High populations and tall plants can lead to lodging risk.
- /// Position hybrids strategically for optimal results.
- /// Lower populations can reduce standability issues.

HARVEST TIMING & MATURITY:

- /// Importance of planting the right hybrid at the right time.
- /// Avoid the “frost window” in March/April.
- /// Extend pollination period for risk mitigation.
- /// Consider hybrids with strong seedling vigour for early planting in cold soil.

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- /// Monoculture leads to pathogen buildup over time.
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- /// Know prevalent diseases for proper hybrid placement.
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SOIL DYNAMICS:

- /// In this graph, hybrids that are suited to different soil potentials and conditions are displayed.
- /// Harvest maps and soil potential maps can help to select the best hybrid for each scenario.

NO-TILL:

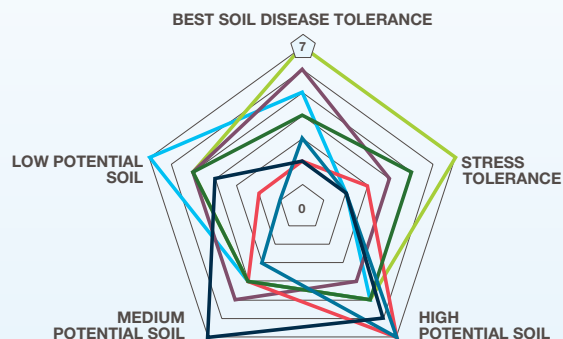
- /// No-till maize exhibits superior seedling vigour and stalk disease tolerance.
- /// Highlights benefits of no-till in managing and preventing stalk diseases.

REGION	IRRIGATION	
Hybrid	High Potential	Medium Potential
DKC59-32BR	105 000	95 000
DKC61-60BR	105 000	95 000
DKC64-54BR	105 000	90 000

REGION	IRRIGATION	
Hybrid	High Potential	Medium Potential
DKC65-52BR	110 000	100 000
DKC65-60BR	100 000	90 000
DKC66-66BR	105 000	95 000

HYBRID PERFORMANCE HYBRID COMPARISONS

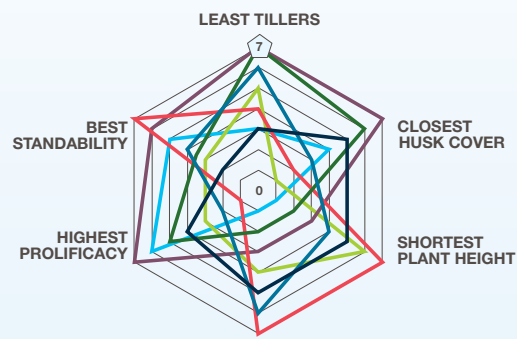
SOIL DYNAMICS



YELLOW DRYLANDS EAST



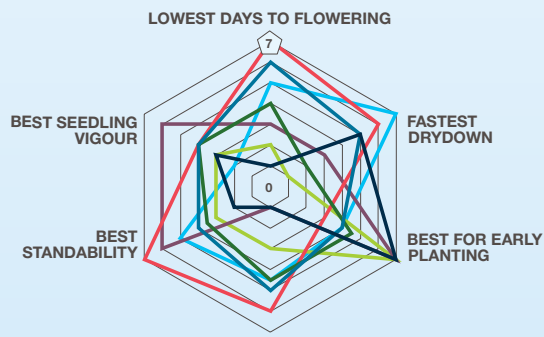
PLANT POPULATION



YELLOW DRYLANDS EAST



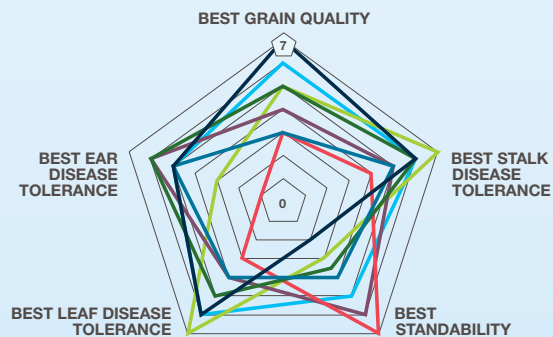
HARVEST TIMING AND MATURITY



YELLOW DRYLANDS EAST



CONTINUOUS MAIZE CONUNDRUM

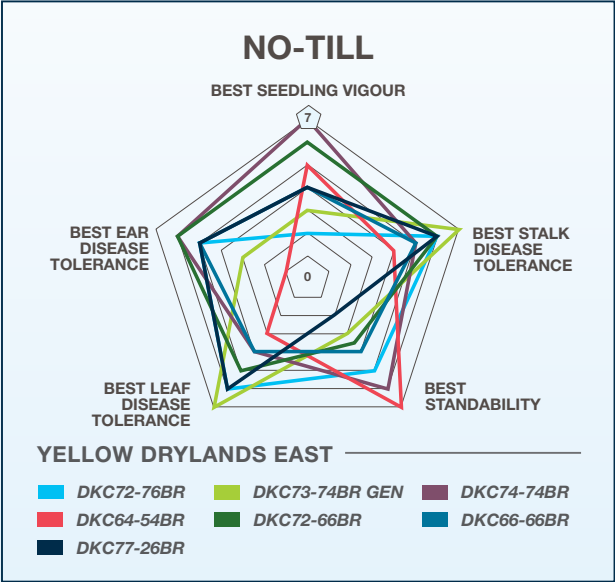


YELLOW DRYLANDS EAST



HYBRID PERFORMANCE

HYBRID COMPARISONS



PLANT POPULATION:

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- High populations and tall plants can lead to lodging risk.
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HARVEST TIMING & MATURITY:

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- Know prevalent diseases for proper hybrid placement.
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SOIL DYNAMICS:

- In this graph, hybrids that are suited to different soil potentials and conditions are displayed.
- Harvest maps and soil potential maps can help to select the best hybrid for each scenario.

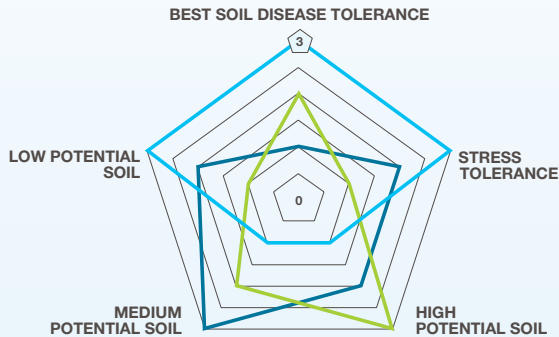
NO-TILL:

- No-till maize exhibits superior seedling vigour and stalk disease tolerance.
- Highlights benefits of no-till in managing and preventing stalk diseases.

REGION	COLD EAST			TEMPERATE EAST		
Potential	High	Medium	Low	High	Medium	Low
DKC64-54BR	75 000	60 000	Not recommended	80 000	65 000	Not recommended
DKC66-66BR	65 000	50 000	42 000	72 000	55 000	48 000
DKC72-66BR	60 000	50 000	35 000	60 000	50 000	40 000
DKC72-76BR	60 000	50 000	30 000	60 000	50 000	40 000
DKC73-74BR GEN	60 000	45 000	Not recommended	60 000	50 000	Not recommended
DKC74-74BR	60 000	45 000	35 000	60 000	45 000	35 000
DKC77-26BR	60 000	48 000	42 000	60 000	50 000	45 000

HYBRID PERFORMANCE HYBRID COMPARISONS

SOIL DYNAMICS



YELLOW DRYLANDS WEST

DKC76-76BR DKC72-76BR DKC74-74BR

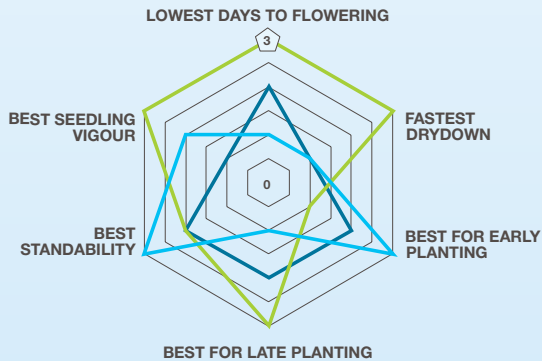
PLANT POPULATION



YELLOW DRYLANDS WEST

DKC76-76BR DKC72-76BR DKC74-74BR

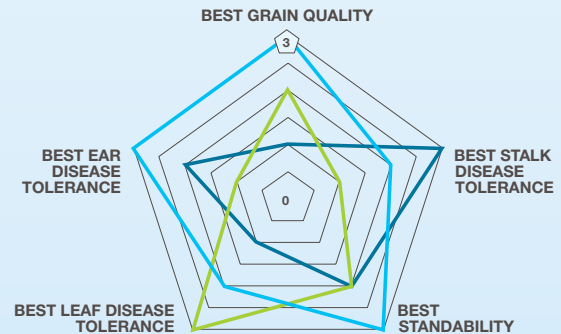
HARVEST TIMING AND MATURITY



YELLOW DRYLANDS WEST

DKC76-76BR DKC72-76BR DKC74-74BR

CONTINUOUS MAIZE CONUNDRUM

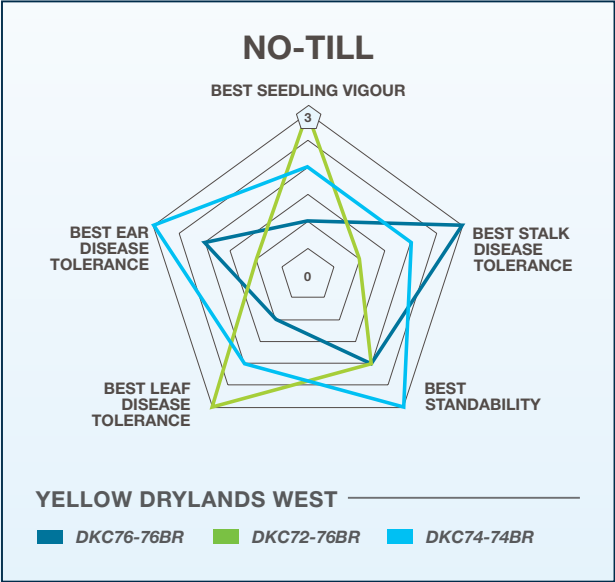


YELLOW DRYLANDS WEST

DKC76-76BR DKC72-76BR DKC74-74BR

HYBRID PERFORMANCE

HYBRID COMPARISONS



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- No-till maize exhibits superior seedling vigour and stalk disease tolerance.
- Highlights benefits of no-till in managing and preventing stalk diseases.

REGION	DRY LAND WEST		
Hybrid	High Potential & Water Table	Medium Potential	Low Potential
DKC72-76BR	40 000	32 000	24 000
DKC74-74BR	40 000	30 000	22 000
DKC76-76BR	40 000	30 000	24 000

POSITIONING THROUGHOUT SOUTH AFRICA

EAST, WEST & IRRIGATION

There are many benefits to reap from choosing a yellow maize hybrid for the eastern, western and irrigation maize production areas from our **DEKALB®** range. Our genetics and technology are supported by unparalleled innovation. We help you seed your success.



Irrigation production area



Western production area



Eastern production area

● YELLOW





Hybrids in this series:



DKC59-32BR

YELLOW MAIZE HYBRID **DKC59** SERIES



IRRIGATION

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent grain quality
- /// Excellent yield stability.
- /// Excellent tip covering of the ear.
- /// Good disease tolerance.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		250 – 280 CM	
Ear height:		95 – 115 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	IT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	LT
Foliar Disease	LT



IRRIGATION

Hybrids in this series:

DKC60-76BR

DKC60-74R

YELLOW MAIZE HYBRID DKC60 SERIES



IRRIGATION

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Good disease tolerance.
- /// Higher plant and ear height.
- /// Suitable for high plant populations.
- /// Excellent tip covering of the ear.
- /// Excellent yield stability.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		250 – 280 CM	
Ear height:		110 – 130 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	IT
Diplodia Ear Rot	LT
Gibberella Ear Rot	IT
Northern Leaf Blight	IT
Foliar Disease	IT

Hybrids in this series:



DKC61-60BR

YELLOW MAIZE HYBRID

DKC61 SERIES



IRRIGATION

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent grain quality and yield stability.
- /// Good emergence.
- /// Excellent tip covering of the ear.
- /// Higher ear height.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None
Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Good
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		245 – 270 CM	
Ear height:		110 – 130 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	IT
Foliar Disease	IT



IRRIGATION

Hybrids in this series:



DKC64-54BR

DKC64-52R

DKC64-50B

YELLOW MAIZE HYBRID DKC64 SERIES



IRRIGATION EAST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Good grain quality and yield stability.
- /// Excellent tip covering of the ear.
- /// Higher plant and ear height.
- /// Suitable for high plant populations.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Good
Emergence:	Good
Yield stability:	Good
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		255 – 280 CM	
Ear height:		100 – 120 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	IT
Diplodia Ear Rot	LT
Gibberella Ear Rot	IT
Northern Leaf Blight	IT
Foliar Disease	HT



Hybrids in this series:



DKC65-52BR

YELLOW MAIZE HYBRID DKC65 SERIES



IRRIGATION

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Good disease tolerance.
- /// Higher plant and ear height.
- /// Short growth period.
- /// Suitable for higher plant population.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Good
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		250 – 280 CM	
Ear height:		95 – 115 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	IT
Diplodia Ear Rot	LT
Gibberella Ear Rot	IT
Northern Leaf Blight	IT
Foliar Disease	IT



IRRIGATION

Hybrids in this series:



DKC65-60BR

DKC65-72

YELLOW MAIZE HYBRID DKC65 SERIES



IRRIGATION

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Very good disease tolerance.
- /// Excellent tip covering of the ear.
- /// Few tassel ears.
- /// No silk balling.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		245 – 270 CM	
Ear height:		100 – 120 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	IT
Diplodia Ear Rot	LT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT



Hybrids in this series:



DKC66-66BR

YELLOW MAIZE HYBRID **DKC66** SERIES



IRRIGATION EAST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent grain quality and yield stability.
- /// Excellent tip covering of the ear.
- /// Good emergence.
- /// Suitable for high plant population.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Good
Yield stability:	Excellent
Plant population:	High

SPECIFIC PROPERTIES

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

PLANT PROPERTIES

Plant height:		250 – 280 CM	
Ear height:		110 – 130 CM	
Ears East:	1	Ears West:	1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	IT
Diplodia Ear Rot	LT
Gibberella Ear Rot	HT
Northern Leaf Blight	LT
Foliar Disease	IT

Hybrids in this series:

DKC68-50

YELLOW MAIZE HYBRID
DKC68 SERIES



DRYLAND EAST & WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// High disease tolerance.
- /// Very high plant height.
- /// High number of ears per plant especially in the western region.
- /// Excellent yield stability.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Very good
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	118 – 128 DAYS

PLANT PROPERTIES

Plant height:		230 – 300 CM	
Ear height:		105 – 125 CM	
Ears East:	1.2	Ears West:	1.6

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	HT
Grey Leaf Spot	IT
Diplodia Ear Rot	IT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT



Hybrids in this series:

DKC71-46BR

YELLOW MAIZE HYBRID
DKC71 SERIES

 **DRYLAND EAST & WEST**
PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

/// High disease tolerance.
/// Very good tip covering of the ear.
/// Excellent yield stability.
/// No silk balling.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None
Tip covering of the ear:	Very good
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	Medium to high

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:		210 – 240 CM	
Ear height:		105 – 130 CM	
Ears East:	1.2	Ears West:	1.5

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	HT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT

NEW!

Hybrids in this series:



DKC72-66BR

YELLOW MAIZE HYBRID
DKC72 SERIES



DRYLAND EAST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

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

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Good
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:		210 – 280 CM	
Ear height:		95 – 120 CM	
Ears East:	1.3	Ears West:	N/A

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	–
Grey Leaf Spot	–
Diplodia Ear Rot	IT
Gibberella Ear Rot	IT
Northern Leaf Blight	HT
Foliar Disease	HT



Hybrids in this series:

DKC72-76BR



DKC72-74R

DKC72-72B

DKC72-70

YELLOW MAIZE HYBRID
DKC72 SERIES

 **DRYLAND EAST & WEST**
PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

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

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Very good
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:		230 – 300 CM	
Ear height:		105 – 125 CM	
Ears East:	1.2	Ears West:	1.7

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:

DKC73-74BR GEN

DKC73-76R

DKC73-70B GEN

DKC73-72

YELLOW MAIZE HYBRID DKC73 SERIES



DRYLAND EAST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent disease tolerance.
- /// Excellent yield stability and grain quality.
- /// Suitable for medium to high plant populations.

CHARACTERISTICS

Sun scald:	Yes
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Fair
Grain quality:	Good
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium to high

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	122 – 138 DAYS

PLANT PROPERTIES

Plant height:		190 – 220 CM	
Ear height:		90 – 115 CM	
Ears East:	1	Ears West:	N/A

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	HT
Grey Leaf Spot	HT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	IT



Hybrids in this series:

DKC74-74BR



DKC74-26R



DKC74-20



YELLOW MAIZE HYBRID DKC74 SERIES

 **DRYLAND EAST & WEST**
PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

/// Excellent tip covering of the ear.
/// Good emergence.
/// Excellent yield stability.
/// Good grain quality.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Many
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	Medium to low

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:		200 – 230 CM	
Ear height:		85 – 105 CM	
Ears East:	1.2	Ears West:	1.6

DISEASE TOLERANCE

Common Rust	IT
Stalk Rot	IT
Maize Streak Virus	HT
Grey Leaf Spot	LT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	LT

NEW!

Hybrids in this series:



DKC76-76BR

YELLOW MAIZE HYBRID
DKC76 SERIES



DRYLAND WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent yield potential and grain quality.
- /// Excellent emergence.
- /// Very good tip covering of the ear.
- /// Suited for medium plant populations.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Many
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Good
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:		200 – 330 CM	
Ear height:		110 – 130 CM	
Ears East:	1.2	Ears West:	2.1

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	IT
Maize Streak Virus	–
Grey Leaf Spot	–
Diplodia Ear Rot	IT
Gibberella Ear Rot	IT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:

DKC77-26BR



DKC77-22

YELLOW MAIZE HYBRID DKC77 SERIES



DRYLAND EAST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent emergence and yield stability.
- /// Good grain quality.
- /// No silk balling.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Excellent
Yield stability:	Excellent
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:		190 – 220 CM	
Ear height:		90 – 115 CM	
Ears East:	1	Ears West:	N/A

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	LT
Grey Leaf Spot	–
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:

DKC78-78BR

YELLOW MAIZE HYBRID
DKC78 SERIES



DRYLAND EAST & WEST

PLANT REGION: 1 2 3 4 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent disease tolerance.
- /// Excellent grain quality.
- /// Very good tip covering of the ear.
- /// Excellent yield stability.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Few
Silk balling:	None

Tip covering of the ear:	Very good
Grain quality:	Good
Emergence:	Good
Yield stability:	Excellent
Plant population:	Medium to low

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:	200 – 230 CM		
Ear height:	85 – 105 CM		
Ears East:	1.2	Ears West:	1.6

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	IT
Diplodia Ear Rot	HT
Gibberella Ear Rot	IT
Northern Leaf Blight	HT
Foliar Disease	HT

Hybrids in this series:

DKC80-40BR GEN

YELLOW MAIZE HYBRID
DKC80 SERIES

 DRYLAND WEST

PLANT REGION: **1** **2** **3** **4** 5 6 7 8 9 10 11

For more information, please consult p 41 for the icon descriptions.

ADVANTAGES

- /// Excellent disease tolerance.
- /// Excellent emergence and grain quality.
- /// Excellent tip covering of the ear.
- /// High number of ears per plant in eastern and western regions.

CHARACTERISTICS

Sun scald:	None
Tassel ears:	Few
Tillering:	Average
Silk balling:	Fair

Tip covering of the ear:	Excellent
Grain quality:	Excellent
Emergence:	Excellent
Yield stability:	Very good
Plant population:	Medium

SPECIFIC PROPERTIES

Days to 50% tassel:	70 – 80 DAYS
Estimated relative maturity:	120 – 135 DAYS

PLANT PROPERTIES

Plant height:	230 – 250 CM		
Ear height:	120 – 130 CM		
Ears East:	1.2	Ears West:	1.7

DISEASE TOLERANCE

Common Rust	HT
Stalk Rot	HT
Maize Streak Virus	IT
Grey Leaf Spot	IT
Diplodia Ear Rot	HT
Gibberella Ear Rot	HT
Northern Leaf Blight	HT
Foliar Disease	HT

• **MAIZE** *PROTECTION*

• **Maize Fungicide**

  →

• **Maize Insecticide**

  →

• **Maize Weed control**

       →

• **Maize SeedGrowth™**

  →

Fungicide

Insecticide

Weed control

SeedGrowth™





PROTECTION

WE HAVE THE SOLUTION

ENHANCED CROP PROTECTION THAT COVERS EVERY HECTARE

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 advanced hybrids for any condition, protective products inside and outside the bag, coupled with a comprehensive set of digital services.

Discover the **#BAYERbenefit**.



HYBRIDS



PROTECTION



DATA



THE ROAD TO YOUR SUCCESS

Always by your side ...

The genetic diversity of our hybrids forms the basis of our breeding programme and offers a variety of hybrids to farmers to address their specific needs. Our technology offers built-in traits that help producers combat insects and pests, simplify weed control or simply increase productivity to ensure that you get the most out of every hectare.

Our doors are always open and we invite our producers to work in partnership with us to create solutions for the challenges on your farm. At **Bayer**, your pride and passion is our priority and form the foundation for everything that we do.

#BAYERbenefit



PEACE OF MIND HAS A NEW MEANING

Weeds, diseases, insects and fungi deprive plants of water, sunlight, and nutrients. This can have a devastating impact on your yield and food production. At **Bayer**, we work to support you by providing a variety of tools to manage risks and foster diversity, resulting in sustainable agriculture.



INTEGRATED PEST MANAGEMENT

Delay the development of resistance to crop protection products:

- /// Avoid exclusive, repeated use of any crop protection product from the same group or mode of action.
- /// Alternate or tank mix with registered products from different groups and modes of action.
- /// Integrate chemical, cultural and biological control methods in your pest control programme.
- /// Always follow the instructions on the label.
- /// Report suspected difficult-to-control weeds, insects and diseases immediately.

With **DEKALB®** you get more than just advanced genetics – you get **Acceleron® seed treatment** standard with all hybrids, ensuring your seed gets a strong start, 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.

**BAYER ENHANCED
CROP PROTECTION**
– exclusive range of solutions for maize.



Protect your crops this season with **Bayer's** comprehensive solutions. With integrated insect, disease and weed control, our range of crop protection products offers you the necessary protection against threats that hinder crop performance. Let's talk about innovative solutions to optimise yields and protect your investment, while we nurture your long-term success.

Optimise your yield with the ...
#DEKALBdifference



BAYER'S CROP PROTECTION FOR MAIZE

Protect your crops with Bayer's range of pest, disease and weed solutions.



SHIELD YOUR YIELD

- /// SEED TREATMENT
- /// WEED CONTROL
- /// DISEASE CONTROL
- /// NEMATODE CONTROL
- /// INSECT CONTROL



ACCELERON
SEED APPLIED SOLUTIONS

CLIMATE
FIELDVIEW

PROTECTION YOU CAN COUNT ON!

There are many factors that can cause damage to your maize crops if the correct management strategies are not put in place early on.

With **Bayer's Velum® 1 GR, Decis® Forte, Guardian®, Laudis®, Bullet® and Harness® Xtra**, you can now apply the necessary protection to your maize crops and thus get peace of mind that your farm is in good hands this season.

If you buy crop protection products in February, you will be eligible for more discount.

For **Optimizer Plus**, talk to your local **DEKALB®** representative.



Scan
QR code ...



**PROTECT
YOUR MAIZE**



Buy 50

The 2024 OPTIMIZER programme

DEKALB® seed bags (80KKE) and qualify for a *special offer on:



Velum® 1 GR



Guardian®



Harness® Xtra

AND / OR

AND / OR

AND / OR



Nativo®



Decis® Forte



Bullet®



Laudis®

If you buy crop protection products in February, you will be eligible for more discount.
For **Optimizer Plus**, talk to your local **DEKALB®** representative.



PROTECTION



Fungicides



Insecticides



Weed Control



SeedGrowth™

Optimise your yield with the ...

#DEKALBdifference



PROTECTION

VERSATILE WEED CONTROL

ENHANCED CROP PROTECTION THAT COVERS EVERY HECTARE

To help farmers control existing crop threats and get ahead of emerging ones, we are constantly updating our diverse product portfolio of seeds, seed treatments, traits, herbicides, fungicides, insecticides and harvest aids/PGRs.

Maximise crop production and enhance profitability.

Our products offer:

- /// proven broad-spectrum disease control
- /// pest and weed control
- /// easier crop management
- /// time saving technologies

Discover the **#BAYERbenefit**.





Maize Weed Control

BULLET®

Bullet® is a time-released premix of Acetochlor, Atrazine and Terbutylazine. This suspension concentrate herbicide is designed for the pre- and early post-emergence management of a diverse range of annual weeds in maize. Its versatility extends to use in both maize and sorghum to effectively combat 36 of the most resilient grasses and broadleaf weeds, ensuring optimal yield by pre-emptively addressing weed growth. This comprehensive solution offers pre- and early post-emergence control across a wide spectrum of grasses and broadleaf weeds.



Guardian® is an emulsifiable concentrate containing Acetochlor as the active ingredient, along with a safener. It is designed for the pre-emergence management of grass and specific broadleaf weeds in maize and groundnuts, as well as for weed control in both pre- and post-emergence stages of plant and ratoon sugarcane. Additionally, **Guardian®** includes a tried-and-tested safener to ensure safe application on maize crops.



Powerful weed control in harmony with your crop

Laudis® is a suspension concentrate post-emergence herbicide for the control of certain broadleaf and grass weeds in maize and sugarcane. **Laudis®** contains the active ingredients Tembotrione (triketone) and Isoxadifen-ethyl (safener). This two-in-one technology combines a powerful active ingredient and a highly effective safener for effective weed control that works in harmony with your maize. **Laudis®** is registered for use with **Harness® Xtra** for residual grass control support and in combination with **Roundup® PowerMAX** as a resistance management tool.

Benefits of **Laudis®**:

- /// Contains safener technology for the protection of your crops.
- /// Lowest risk herbicide.
- /// Offers application flexibility.
- /// Rainfast within 1 hour of application.
- /// Offers protection even in unfavourable weather conditions.
- /// The effect of **Laudis®** can be seen within a few days after application.

HARNESSEXtra

Harness® Xtra is an emulsifiable concentrate herbicide with the active ingredient Acetochlor for the pre-emergence control of grass and certain broadleaf weeds in groundnuts, sugarcane, Eucalyptus and pine plantations and industrial areas, and pre-emergence weed control in plant and ratoon sugarcane, grain sorghum, cotton, and maize after emergence of the crop.

Pantera®

Pantera® is a licensed selective herbicide primarily employed to manage volunteer maize in minimum or no-tillage systems, enabling direct seed planting within crop residues. This product complements **Roundup Ready®** to enhance conservation in agricultural practices. When combined with **Roundup® TURBO**, **Pantera®** can be applied as a pre-plant tank mixture to effectively control volunteer maize, allowing planting as soon as five days after application.

Can be used with*:

- /// **Roundup® TURBO**
- /// **Roundup® PowerMAX**
- /// **Guardian®**
- /// **Silwet L-77®**

**It is essential to strictly follow all directions for use on the labels.*



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 non-selective 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 post-planting 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/>



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.

- 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

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.



- Broad-spectrum, non-selective herbicide for rapid and efficient uptake.
- Rainfast within two hours.
- Prevents competition from weeds and yield loss.



- Effective weed control from plant to harvest.
- Non-selective systemic herbicide for fast uptake.
- Rainfast in one hour with no residual activity.
- Can be applied over the top up to V8 growth stages in maize.



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



MIXING ORDER OF PRODUCTS

AS EASY AS: **1-2-3**



Roundup
TURBO
HERBICIDE

Roundup
PowerMAX
HERBICIDE



POWERFUL WEED CONTROL IN HARMONY WITH YOUR CROP

A suspension concentrate post-emergence herbicide for the control of certain broadleaf and grass weeds in **maize** and **sugarcane**.

PRE-EMERGENCE AND POST-EMERGENCE WEED CONTROL

An emulsifiable concentrate herbicide for pre-emergence control of grass and certain broadleaved weeds in **maize** and **groundnuts** and for pre- and post-emergence control in plant and **ratoon sugarcane**.



BULLET®

A TIMED-RELEASE, PREMIX OF 3 OUTSTANDING HERBICIDES

A suspension concentrate herbicide for pre- and early post-emergence control of annual weeds in **maize**.

PRE-EMERGENCE WEED CONTROL

An emulsifiable concentrate herbicide for the pre-emergence control of grass and certain broadleaf weeds in **groundnuts**, **sugarcane**, **eucalyptus** and **pine** plantations and **industrial areas**, and pre-emergence weed control in plant and **ratoon sugarcane**, **grain sorghum**, **cotton** and **maize** after emergence of the crop.



STILL THE MOST EFFECTIVE SOLUTION

A soluble concentrate non-selective post-emergence herbicide for the control of annual and perennial weeds in **Roundup Ready® maize** and **soybean** and **Roundup Ready® cotton** varieties.

EFFECTIVE WEED CONTROL YOU CAN COUNT ON

A water soluble non-selective post-emergence herbicide containing **Transorb®** surfactant for the control of annual and perennial weeds in **agricultural**, **non-crop**, **conservation** and **industrial** areas.



Pantera®

RELIABLE POST-EMERGENCE WEED CONTROL

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.



PROTECTION

GUARD YOUR CROP AGAINST **DISEASES**

ENHANCED CROP PROTECTION THAT COVERS EVERY HECTARE

Fungicides control the growth of fungi and their spores that damage plants, including rusts, mildews, and blights. Fungicides work in a variety of ways, but mostly damage fungal cell membranes or interfere with energy production within fungal cells.

Discover the **#BAYERbenefit**.





Maize Fungicides



Quality is non-negotiable

Nativo® is a fungicide registered on barley, brassica vegetables, bulb vegetables, carrots, maize, potatoes and soybeans. It offers excellent broad-spectrum disease control for optimal yield and ensures a quality advantage.

Nativo® provides:

- /// Preventative and eradivative properties.
- /// Excellent broad-spectrum disease control.
- /// A favourable environmental profile.

The results of the **FITonics®** greening effect are:

- /// Larger, more vigorous leaves
- /// Delayed leaf senescence
- /// Improved photosynthesis
- /// Less respiration losses
- /// More robust and productive plants with a longer and more effective filling period
- /// **Nativo®**'s effective formulation provides excellent broad-spectrum disease control.



Protect the powerhouse of your crop

Zantara® is a systemic emulsifiable concentrate fungicide for the unparalleled control of Northern Corn Leaf Blight as well as Grey Leaf Spot on maize.

The systemic properties of **Zantara®**'s two unique modes of action, bring about robust disease control and allow for resistance management:

- /// **Bixafen** – stops energy production in the cell.
- /// **Tebuconazole** – disrupts the cell wall of the disease-causing fungi to allow for faster translocation and protection.

These two substances remain evenly distributed in the plant tissue resulting in the simultaneous control of new and existing pathogens. Through its alternative way of disease control, **Zantara®** complements the dual-spectrum activity of **Nativo®**.



PROTECTION

GUARD AGAINST INSECT DAMAGE

ENHANCED CROP PROTECTION THAT COVERS EVERY HECTARE

Insecticides are formulated to mitigate the risk of harmful insects.

Some insecticides disrupt the nervous system, whereas others may damage their exoskeletons, repel them or control them by some other means.

WHAT IS THE COST IF A CUTWORM PROGRAMME IS NOT EFFECTIVE?

Cutworms can cause severe damage to a maize field if not controlled.

Cutworms emerge from the soil at night and move from plant to plant, severing the stems of seedlings at the soil surface causing serious damage in the process. Several overlapping generations may be present on a maize field.

Discover the **#BAYERbenefit**.





Maize *Insecticide*



Experience the benefits of effective nematode control

Target the root of the problem.

A good root system is crucial for the optimal development of your maize and soybean plants. That's why **Velum® 1 GR** offers excellent protection against a variety of nematodes (including lesion, root-knot and spiral nematodes) to optimise your root, plant and soil health and ensure optimal plant vigour and health.

Why **Velum® 1 GR**?

- /// Offers excellent nematode control.
- /// Boosts yield potential and profitability.
- /// Soil application offers protection from the start.
- /// Optimises plant vigour (root and plant health).
- /// Has a favourable toxicological profile.
- /// Has a positive effect on beneficial nematodes.

Decis® Forte is a contact and stomach insecticide formulated as an emulsifiable concentrate, for the control of various insect pests on crops. Thanks to its sole active isomer, it maintains its effectiveness even in adverse environmental conditions, such as warm and dry soil. Its well-structured composition guarantees uniform distribution, a factor directly enhancing its absorption and efficacy. **Decis® Forte** provides growers peace of mind as a fast-acting, broad-spectrum insecticide commonly used as a key element within successful pest control programmes.



SEEDGROWTH™

SUPPORT YOUR SEEDLINGS

ADVANCED CROP PROTECTION THAT COVERS EVERY HECTARE

Seed treatment is a powerful, efficient and safe tool that helps farmers to grow healthy crops. This helps to optimise yields by protecting plants during their most vulnerable growth stages. At the same time, it is a highly targeted solution that reduces the overall use of crop protection products and exposure of non-targeted species. This makes seed treatment an important tool for sustainable agriculture.

Discover the **#BAYERbenefit**.





Maize SeedGrowth™



**All-round protection, all season long
The best seed simply deserves the
best seed treatment.**

Gaucho® FLEXX 600 FS is a systemic insecticidal seed dressing for the control of key maize soil pests. With its powerful active ingredient, Imidacloprid, **Gaucho®** forms a protective halo around your seeds, safeguarding your maize plants against insect threats. This ingredient is absorbed very efficiently by the germinating plant to provide an excellent barrier of defence from root to leaf.

Benefits of **Gaucho®**:

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



FIT – FAST – FIRST

EverGol® Energy is a new fungicide seed treatment that provides soybean and maize crops with protection against some of the most important seed- and soil-borne diseases at a low application rate. With its combination of three actives, **EverGol® 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.

Benefits of **EverGol® Energy**:

- /// Excellent disease management against *Fusarium spp.* & *Pythium spp.*
- /// **EverGol® Energy** contains 3 active ingredients from 3 different fungicide groups for excellent resistance management.
- /// Safe for seed.
- /// Excellent plantability (no planter plate build-up).
- /// Low dust-off properties.
- /// Undiluted product has a very good shelf life, with minimal sedimentation when stored according to label recommendations.



FIT

EverGol® 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 invigouration means plants have a safe and shorter youth phase while local systemicity makes it longer lasting.



FAST

EverGol® 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.





To end strong, you must start strong!

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.

Maximise with **Acceleron**®:

- /// maximum early-season plant establishment
- /// maximum uniformity
- /// maximum vigour

Optimise your yield with the ...

#DEKALBdifference



BAYER'S SEED APPLIED SOLUTIONS:

Give your seed a strong start ...



SAFE & SOUND UNDER GROUND



NEMATOCIDE



FUNGICIDE



INSECTICIDE



BIO-STIMULANT



A GREAT 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.

TO END STRONG, YOU MUST START STRONG!

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:

- /// **Maxim® Quattro** Reg. No. L9494. Active ingredients: Thiabendazole (benzimidazole), Azoxystrobin (strobilurin), Fludioxonil (phenylpyrrole), Metalaxyl-M (phenylamide)
- /// **Gauche® FLEXX 600 FS** Reg. No. L6562. Active ingredient: Imidacloprid
- /// **Create®** Reg. No. L10658. Active ingredients: Prothioconazole (triazole)
- /// **Torque®** Reg. No. M180. 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®** 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.



THE NEMATODE AND INSECT CONTROL PACKAGE

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

This package contains:

- /// **Maxim® Quattro** Reg. No. L9494. Active ingredients: Thiabendazole (benzimidazole), Azoxystrobin (strobilurin), Fludioxonil (phenylpyrrole), Metalaxyl-M (phenylamide)
- /// **Cruiser® Force** Reg. No. L8597. Active ingredients: Thiamethoxam (neonicotinoid)
- /// **Avicta®** Reg. No. L8496. Active ingredients: Abamectin
- /// **Create®** Reg. No. L10658. Active ingredients: Prothioconazole (triazole)
- /// **Torque®** Reg. No. M180. 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.

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.



Plant the correct refuge area for maize

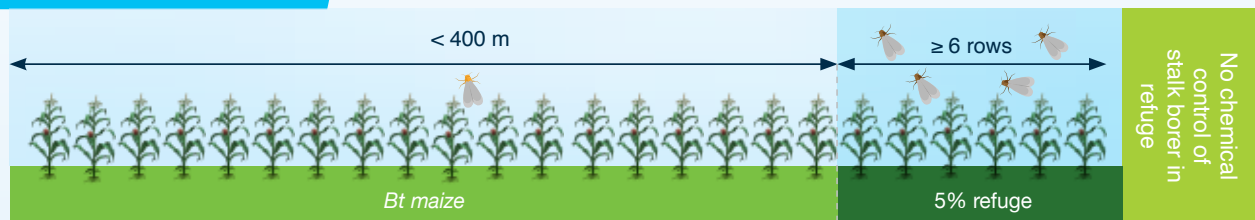
Step 1 Choose the option best suited to your farm:

KEY:  Resistant adult insects

 Susceptible adult insects

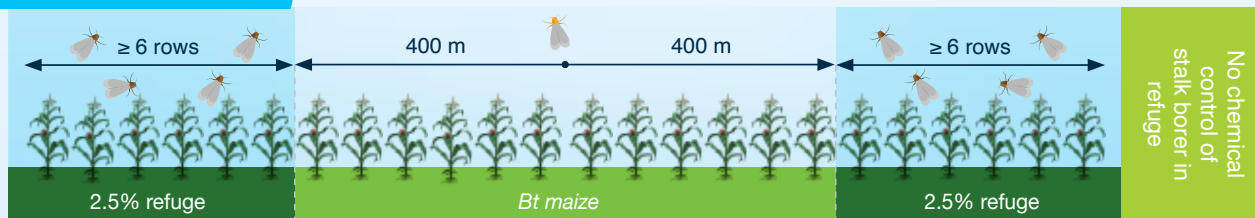
Option 1A: field size under 400 m

No chemical control



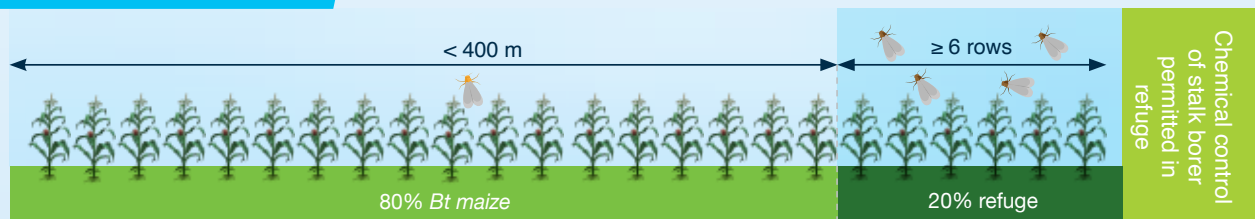
Option 1B: field size over 400 m

No chemical control



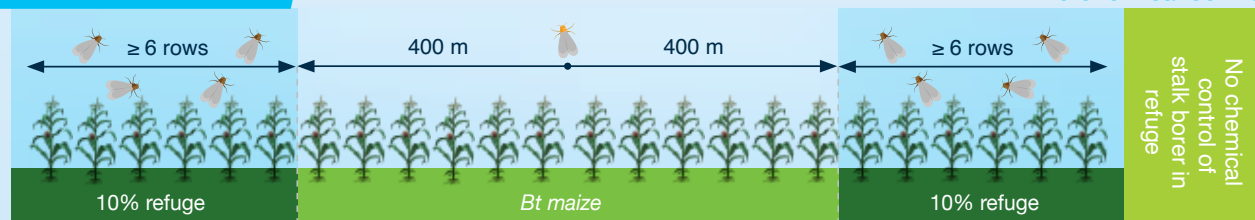
Option 2A: field size under 400 m

Chemical control

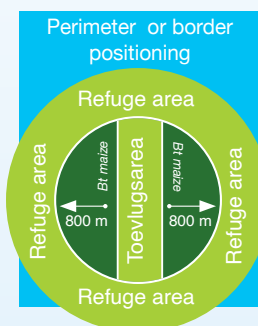
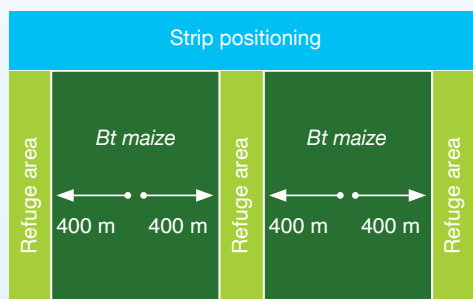


Option 2B: field size over 400 m

No chemical control



Step 1.1 *Alternative positioning scenario – field size over 800 m*



Respect the refuge!



Step 2 *Depending on the option chosen above, your refuge must be planted in the following manner:*

Similar hybrid in the same growing season

Each grower plants their own refuge

Minimum 6 row strips

Plant within 7 days

Cover borders

Don't mix seed

Same agronomical conditions

Within 400 m of Bt Plants

Don't cross Bt Rows

Step 3 *Scout Bt planting regularly.*

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



Plant the correct refuge area for soybeans

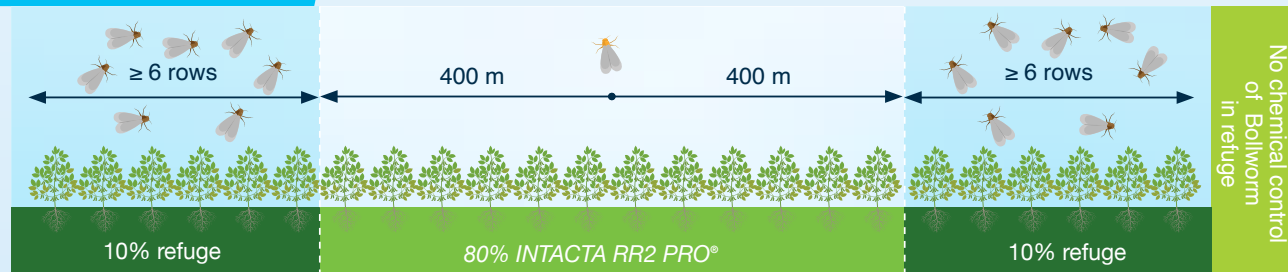
Step 1 Choose the option best suited to your farm:

Chemical control allowed if needed on the 20% refuge area only.

Option 1A: field size under 400 m



Option 1B: field size over 400 m



KEY



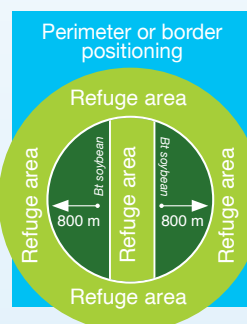
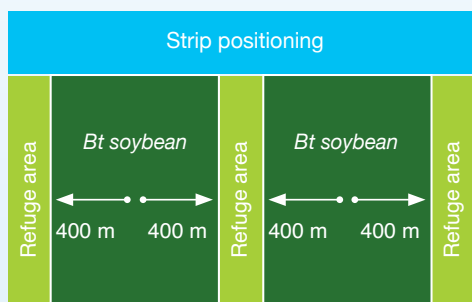
Resistant adult insects



Susceptible adult insects

Step 1.1

Alternative positioning scenario – field size over 800 m



Respect the refuge!



Step 2

Your refuge must be planted in the following manner:

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

Scout Bt planting regularly.

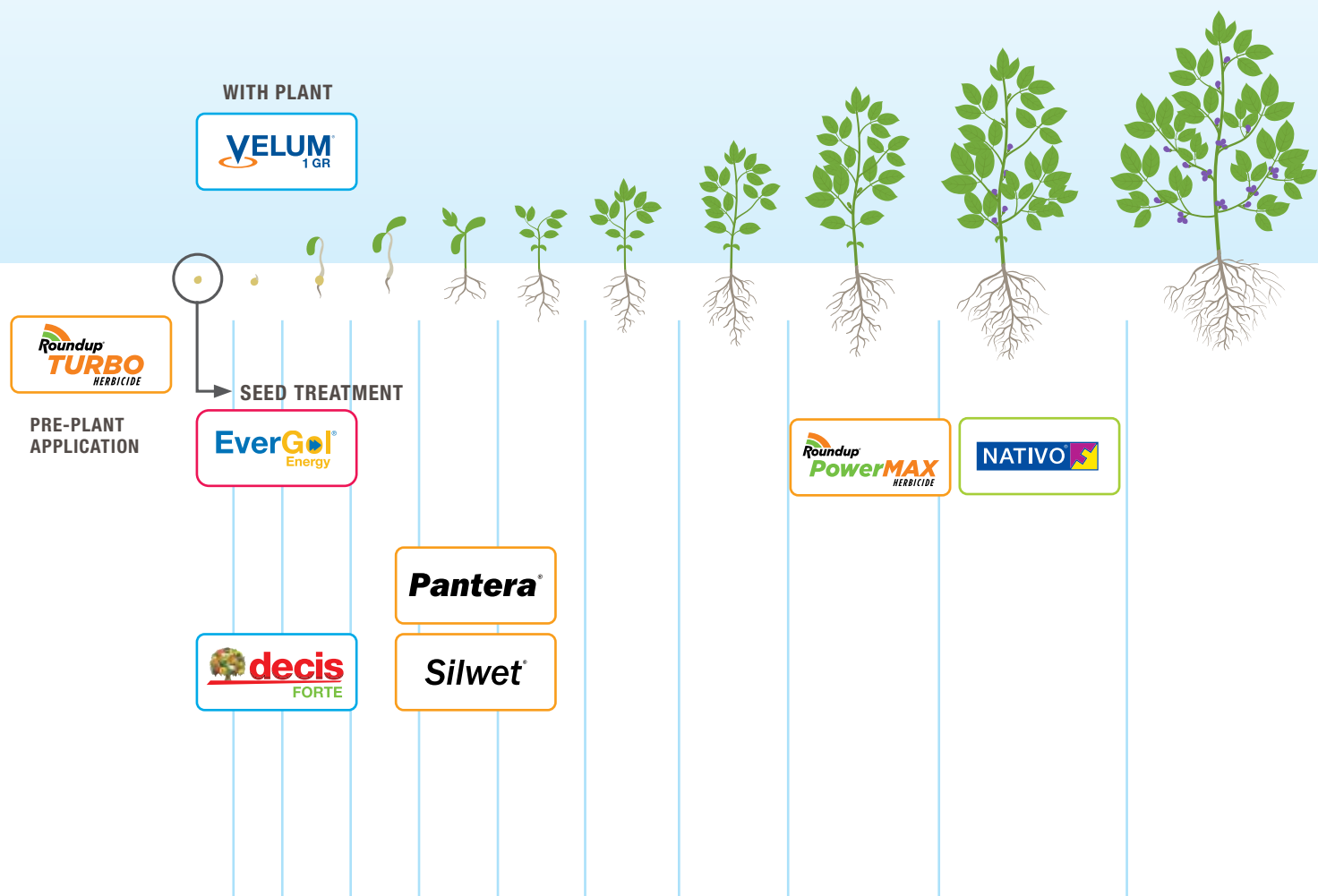
If excessive (more than 5%) bollworm damage is observed in **INTACTA RR2 PRO®** fields, contact your seed representative immediately for assistance.



SOYBEAN *spray programme*

Always add 2% ammonium sulfate when using **Roundup®** products.

The spray programme below indicates the proposed application during a growing season. However, it is not a formal or legal spraying programme. Please refer to product labels for usage recommendations, consider resistance management guidelines, and consult your agricultural chemical consultant and regulator for MRL (Maximum Residue Limit) management and guidelines.



SeedGrowth™

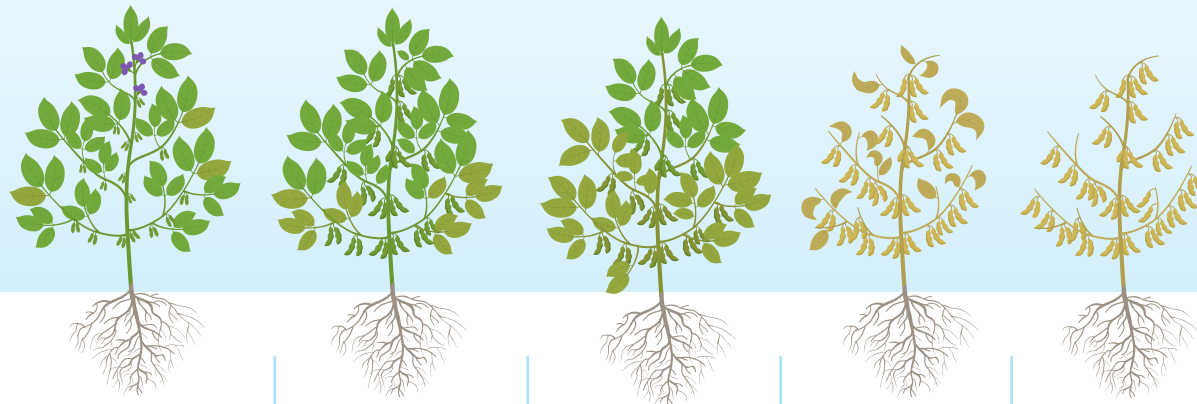
Weed control

INTACTA RR2 PRO®

Fungicide

Insecticide

**Roundup
Ready®
MAIZE 2**



**POST SEASON
WINTER APPLICATION**

INTACTA RR2 PRO[®]

BREAKING NEW GROUND IN SOYBEAN TECHNOLOGY.

INTACTA RR2 PRO[®] technology offers the following key benefits:



PROTECT

Protect against serious feeding damage caused by African bollworm.



MAXIMISE

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



IMPROVE

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

INTACTA RR2 PRO[®]

POD DAMAGE CAUSED BY AFRICAN BOLLWORM

STANDARD



INTACTA RR2 PRO®

FOLIAR DAMAGE CAUSED BY AFRICAN BOLLWORM

STANDARD



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 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.

TECHNOLOGY AND INNOVATION

PUT YOUR SAFETY FIRST

At **Bayer**, your safety and the sustainability of your farming practice is our priority, 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

(Symbols, signal words, statements, etc.) according to 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

Depending on the toxicity of the product the World Health Organization (WHO) classifies all crop products into either of the 4 colour codes:

- Class Ia/Ib The colour code is red and denotes that the product is extremely hazardous.
- Class II Yellow
- Class III Blue
- Class IV Green

Hazard class colour indicators				
Class Ia Extremely hazardous	Class Ib Highly hazardous	Class II Moderately hazardous	Class III Slightly hazardous	Class IV Unlikely to present acute hazard in normal use

Just by looking at the label, the farmer should be able to tell the classification of the product.

RISK AND EXPOSURE

ROUTES OF 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 that you wear the correct PPE when handling crop protection products.

EXAMPLES OF PPE



Long-sleeved shirts and trousers



Boots/sturdy footwear



Goggles



Apron



Nitrile gloves



Filter mask



Face shield

PERSONAL HYGIENE

Hands are the most exposed part of your body.

Protect them! Not all gloves are suitable for handling crop protection products: **Wear Nitrile Gloves specific for the purpose.**

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.

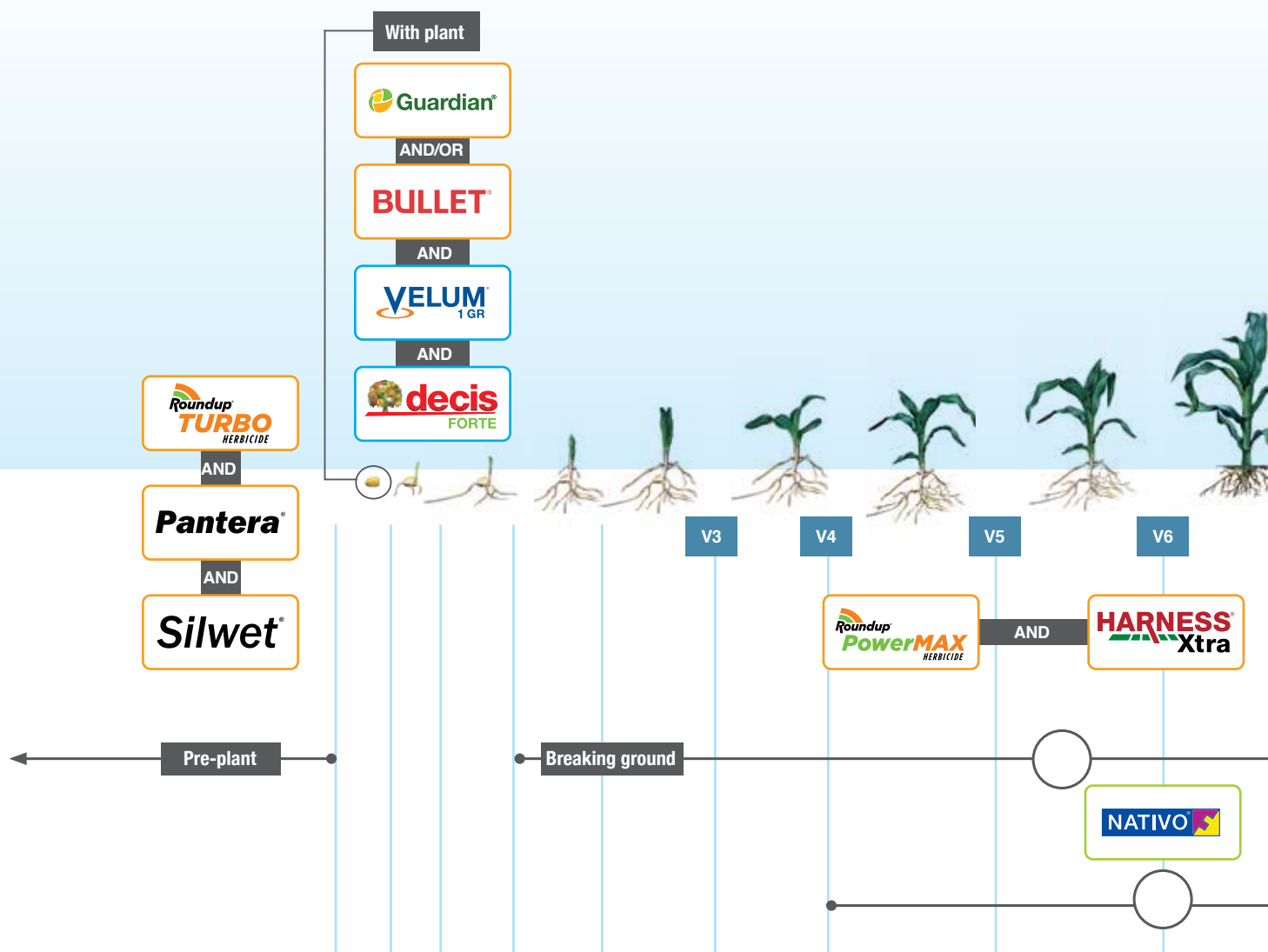


MAIZE *spray programme*

Standard – grass-spectrum weeds

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

The spray programme below indicates the proposed application during a growing season. However, it is not a formal or legal spraying programme. Please refer to product labels for usage recommendations, consider resistance management guidelines, and consult your agricultural chemical consultant and regulator for MRL (Maximum Residue Limit) management and guidelines.



Roundup Ready[®]
MAIZE 2

YieldGard[®]
MAIZE 2

Weed control



Fungicide

Insecticide



V7

V8

V9

VT

R1

R4

Zantara

Roundup
PowerMAX
HERBICIDE

Roundup
PowerMAX
HERBICIDE

Spray using drop-arms

Directed spray

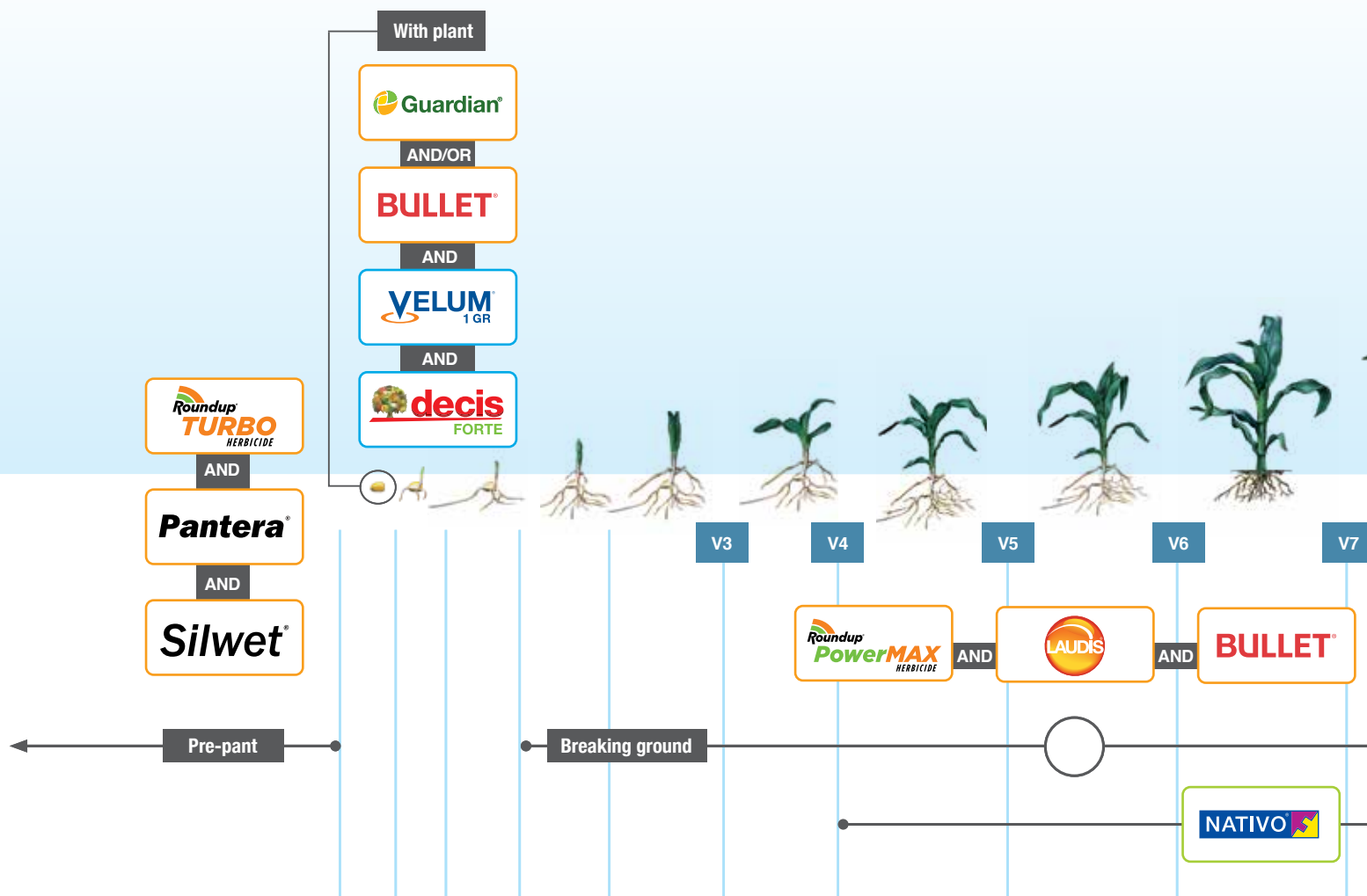


MAIZE *spray programme*

Difficult to control – grasses and broadleaf-spectrum weeds

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

The spray programme below indicates the proposed application during a growing season. However, it is not a formal or legal spraying programme. Please refer to product labels for usage recommendations, consider resistance management guidelines, and consult your agricultural chemical consultant and regulator for MRL (Maximum Residue Limit) management and guidelines.



**Roundup
Ready[®]**
MAIZE 2

YieldGard[®]
MAIZE 2

Weed control



Fungicide

Insecticide

- Always refer to the **Laudis[®]** label for correct product combinations
- In the presence of difficult grasses, add **Harness[®] Xtra** to the programme



V8

V9

VT

R1

R4

**Roundup
PowerMAX[®]**
HERBICIDE

**Roundup
PowerMAX[®]**
HERBICIDE

Spray using drop-arms

Directed spray

Zantara

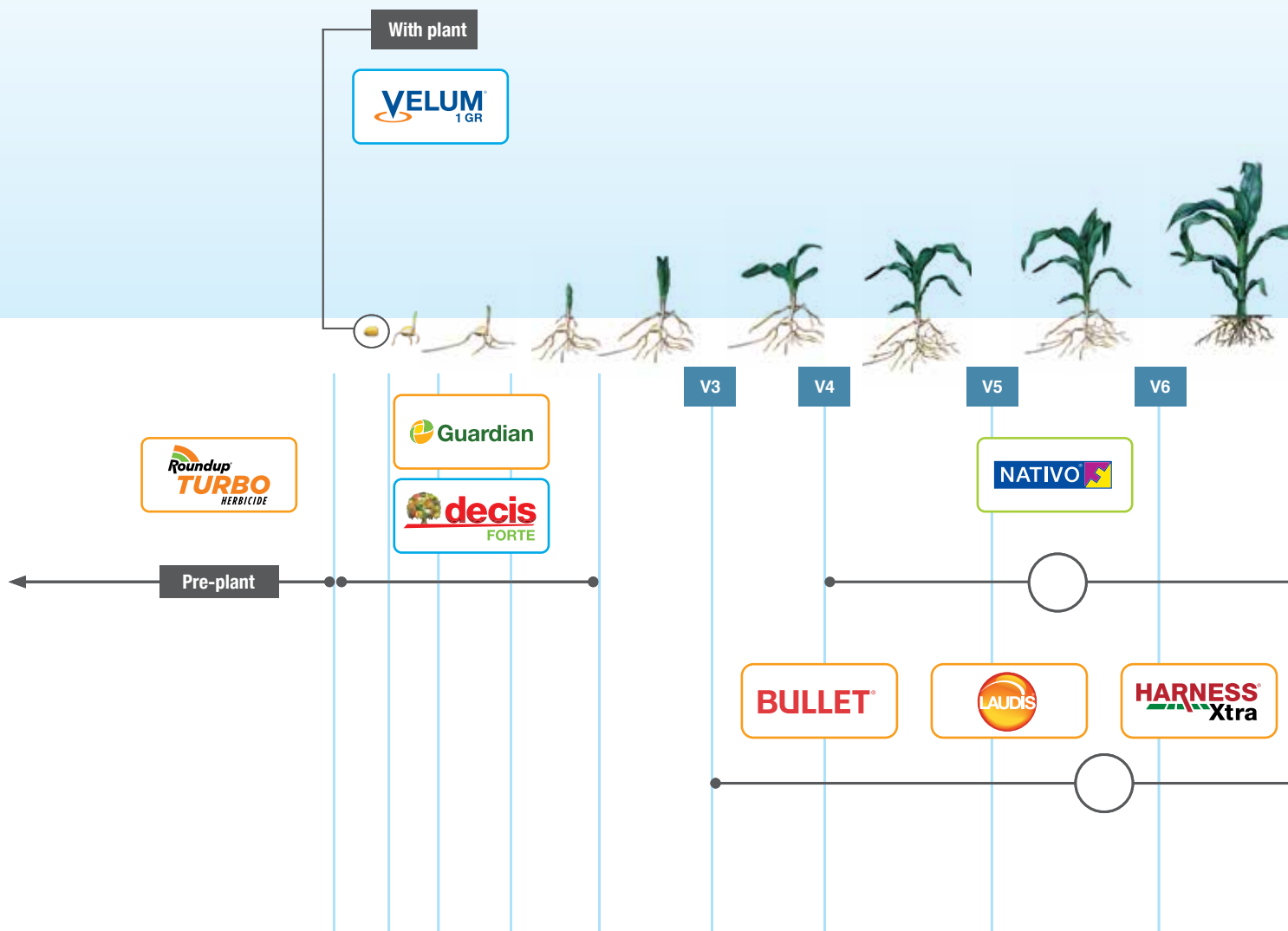


MAIZE *spray programme*

Conventional

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

The spray programme below indicates the proposed application during a growing season. However, it is not a formal or legal spraying programme. Please refer to product labels for usage recommendations, consider resistance management guidelines, and consult your agricultural chemical consultant and regulator for MRL (Maximum Residue Limit) management and guidelines.



Weed control



Fungicide

Insecticide



V7

V8

V9

VT

R1

R4

Zantara

BALLISTA

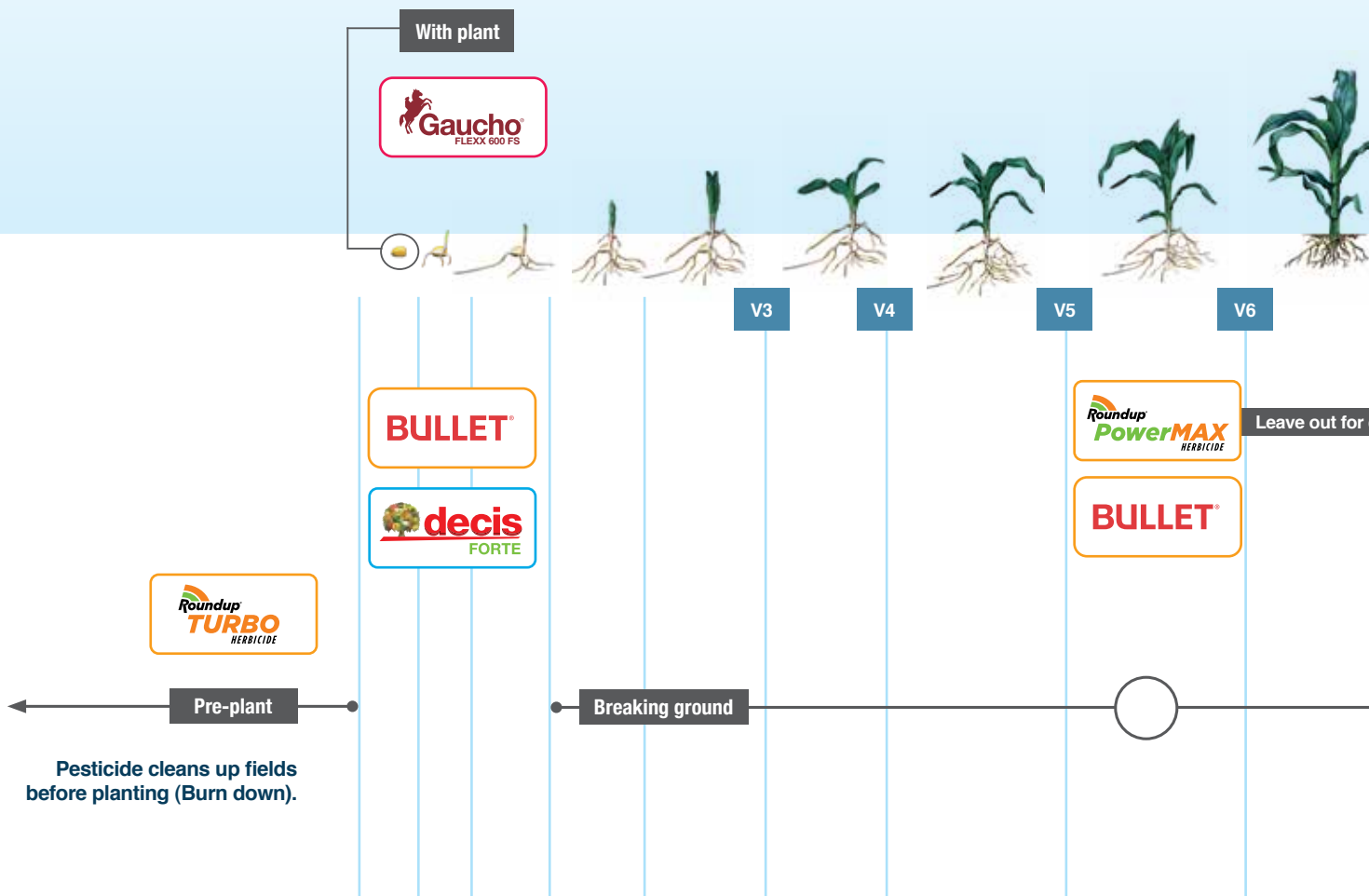


MAIZE *spray programme*

Commercial smallholder

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

The spray programme below indicates the proposed application during a growing season. However, it is not a formal or legal spraying programme. Please refer to product labels for usage recommendations, consider resistance management guidelines, and consult your agricultural chemical consultant and regulator for MRL (Maximum Residue Limit) management and guidelines.





Weed control



Insecticide

SeedGrowth™



V7

V8

V8

VT

R1

R4

conventional maize spray programmes

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

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 360 g glyphosate/l. Warning.

Roundup® PowerMAX Reg. No. L7769. Contains 540 g glyphosate/l. Warning.

Roundup® TURBO Reg. No. L7166. Contains 450 g glyphosate/l. Warning.

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

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

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

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

Laudis® Reg. No. L8525. Contains Tembotrione (Triketone) 420 g/l Tembotrione (Triketone) 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).

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

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

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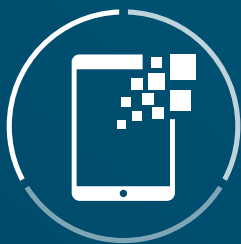
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DATA

DATA THAT MAKES THE DIFFERENCE

DATA-DRIVEN DECISION-MAKING

Season after season you are forced to make crucial decisions that influence your farm. Our comprehensive package of digital solutions can make a significant difference. Collect, view, and analyse data from your fields to help you make the right decisions throughout the season, plan for the next season and identify and treat issues early on.

Discover the **#DEKALB**difference.



HYBRIDS



PROTECTION



DATA





Seamlessly integrate **FieldView™** into your farming operations and discover insights to optimise your harvest potential.



Maximise your yield with the ...
#DEKALBdifference



BAYER'S DIGITAL FARMING SOLUTIONS:

Your farm companion equipped with the tools for a prompt response to your agricultural needs.



TOOLS OF THE TRADE





5 SIMPLE STEPS TO IMPROVE YOUR DATA

Ever wondered how **FieldView™** can improve your farming? Well, just like any other system or machine, the more you put into it, the more you'll get out. The good news is there are a few easy steps you can take to maintain and optimise your data and take your farming to the next level.

1. Verify and/or update your field boundaries

When it comes to assessing your field performance, it's really best to colour inside the lines. After all, if your field boundaries are inaccurate, your end-of-season yield analysis might go off the map as well, leaving you little insight to improve your strategy for the coming seasons.

2. Utilise the data you already have

Your field data has no expiration date, which is why it's always a good idea to upload any previous or missing data. It's also important to log your information correctly. For example, entering the generic name of a hybrid/variety won't provide the same level of detail or insight compared to using the actual name of the specific hybrid/variety. While it's best to accurately log your data as you go, you can also retroactively enhance or correct this info using the "Fix Data" option. These steps are essential for evaluating your hybrid/variety performance, test strips, planting density trials and countless other tests you might run in your fields.

3. Ensure everything's up-to-date

One of the best parts about using digital tools is that they're always improving. That's why it's important to ensure all of your software and hardware are operating properly to make the most of improved features and new capabilities.

4. Calibrate and connect your devices

Don't risk crossing wires, even in a cloud-based platform. Before conducting any trials, it's best to ensure that all your equipment is configured for accurate readings, such as properly calibrating your combine for grain flow, moisture, or other criteria. Furthermore, we recommend CloudSyncing all your compatible devices to enable an uninterrupted flow of data between them.

5. Share your success

With **FieldView™**, you're always in control of your field data. So before you share it with any of your trusted agronomic partners, it helps to review your sharing settings to ensure that you're granting the right access to the right people.

Put your field data to work for you

FieldView™ keeps us accountable to our goals and aspirations. Regardless of how you use it, data integrity is the key to accomplishing more through your work. Because ultimately, nothing is more valuable than being able to run your own experiments on your farm to glean accurate insights about precisely what your operation needs in order to grow.



GET YOUR DATA IN
ONE PLACE



UNCOVER
VALUABLE FIELD
INSIGHTS



MAXIMUM
PRODUCTIVITY

FIELDVIEW™ FROM THE FARMERS' MOUTHS



Derick le Roux
Maize farmer from Mpumalanga

"Many people say that a farmer is just someone who shoots from the hip, but that's not the case at all. For me, the biggest excitement about **FieldView™** is the fact that we can start to build up data over a few seasons. **FieldView™** gives me the historical, statistical information that reflects what I've done on my farm over many generations."



Dirk Laas
Maize farmer from North West

"**FieldView™** takes away a lot of the administration you might struggle with. The fact that **FieldView™** has the capacity to gather the data for you makes it incredibly user-friendly. Technology is a given. The people who use it are the people who are going to be at the forefront. One can see that technology in the agricultural industry makes one more competitive."



Kobus van der Merwe
Maize farmer from North West

"In earlier years, the day you started harvesting, you only realised what mistakes you made during planting time. If you are now planting, and you are not at the planter, you can check in remotely with **FieldView™** and see if there is anything faulty with the planter. It helps us to farm faster and to correct any issues early on."



Leibrand du Plessis
Maize farmer from North West

"If you don't measure, you won't know. And if you know, you can improve. I get excited about technology. Especially when it's so effective. **FieldView™** offers a holistic programme that not only gives you top-level information but also allows you to enter your input. Every component you bring into your farm can be mapped. It takes information to the next level!"

A COMPLETE PACKAGE

FieldView™ really does provide a cost-effective, year-round digital farming package regardless of the size of your operation.

As South African farmer Japie Breedts puts it:

“**FieldView™** completely changed my farming operation. This platform allows me to make better decisions for my farm because I have real-time data.”

Getting started with FieldView™ FieldView™ Discover – One-year free trial

With **FieldView™ Discover**, we would like to offer our loyal clients the opportunity to test our product with a one-year free subscription. You can request a promotional code by contacting your nearest **DEKALB®** sales representative.

NEED MORE HELP?

SCAN THE QR CODES BELOW FOR MORE GUIDANCE.



SET UP YOUR
ACCOUNT



DOWNLOAD
THE APPS



GET YOUR HISTORIC
DATA INTO **FIELDVIEW™**



MAP YOUR
FIELDS

If you've signed up for the trial, congratulations! As a reminder, here's how to get started and get local support.

Create an account:

1. In your Chrome browser, navigate to climatefieldview.co.za.
2. Click on “Create account” (top right of the page).
3. Enter your details in the required fields and accept the EULA and Privacy policy.
4. Click on “Create account”.
5. You will be prompted to validate your email address. Follow the link in the email sent to you and enter your username and password when requested.

Log into your account:

1. In your Chrome browser, navigate to climatefieldview.co.za.
2. Click on “Login” (top right of the page).
3. Enter your username (email address).
4. Enter your password.
5. Click on “Login”.
6. For the **FieldView™ app** and **FieldView™ Cab** app you can use the same username (email) and password.

FIELDVIEW™ YOUTUBE CHANNEL



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

FIELDVIEW™ ACADEMY



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!



MEET THE TEAM!



Hugo Le Roux
Digital Activation Manager & Key Accounts
hugo.leroux@bayer.com
– 082 786 5166



Ryno Terblanche
Central region
Digital Activation Specialist
ryno.terblanche@bayer.com
– 082 610 5369



Lesley Swanepoel
Northern region
Digital Activation Specialist
lesley.swanepoel@bayer.com
– 064 750 1430



Abi Helberg
Eastern region
Digital Activation Specialist
abi.helberg@bayer.com
– 079 537 8277



Ryno Alberts
Southern region
Digital Activation Specialist
ryno.alberts@bayer.com
– 060 979 0157



Juan van der Walt
Western region
Digital Activation Specialist
– 082 668 1766



Karyn Koekemoer
Customer Success Specialist
karyn.koekemoer@bayer.com
– 063 693 9273

WALKING THE WAY FORWARD TOGETHER

**THE PATH TO FARMING SUCCESS
IS NOT ALWAYS AN EASY ONE ...**

We're there to walk the road with you. With hands-on support throughout your farming journey, we collaborate to plant your success. Our partnership goes beyond providing solutions; it's a shared journey towards a sustainable and prosperous future for your farm and beyond. Let's talk ... about solutions that can benefit your farm's future.

Always by your side ...



Your pride
our passion

GET IN TOUCH!

TERRITORY EAST

GP VAN DEN BERG

Territory Manager

083 229 2649

JACO FOUCHE

Area Manager: Crop Protection

082 658 1250

REGION 1

OCKIE VAN SCHALKWYK

Area Manager: Seed

Ermelo, Amersfoort,

Standerton, Bethal, Middelburg,

Bronkhorstspuit, Delmas

082 851 8483

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, Piet Retief

084 409 1594

VACANT

Bethal, Highveld Ridge (Hoëveldrif)

Contact Ockie van Schalkwyk

082 851 8483

JAN SAAIMAN

Standerton

066 480 1254

IGNUS VAN ROOYEN

Ermelo, Carolina

082 603 2810

REGION 3

LOUIS DU PLESSIS

Newcastle, Dundee

082 372 2831

KEVIN GOTTE

KZN Midlands

082 466 2040

GAVIN TARR

Underberg, Kokstad

082 494 6099

FRANS PUTZ

Bergville, Winterton

082 324 4593

RICHARD PERKS

Ugie, Elliot, Underberg

082 723 0216

TERRITORY CENTRAL

JOHAN BIBBEY

Territory Manager Seed, Crop

*Protection and **FieldView™** Central*

SA and Northern Cape

082 924 1077

THOM STEYN

Area Manager Crop Protection,

Eastern Free State

082 443 3881

THYS ELLIS

Area Manager Crop Protection,

Northern Free State

072 243 6113

REGION 2

MOF KRUGEL

Area Manager: Seed

Eastern Free State, Gauteng

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Harrismith, Warden

082 779 5189

ARNO BOSHOFF

Bethlehem, Kestell, Fouriesburg

082 944 9303

FRANCOIS KOCH

Nigel, Balfour, Greylingstad,

Grootvlei, Heidelberg, Villiers

083 651 1571

JAN SCHABORT

Frankfort, Villiers

082 773 4490

BARTO LUUS

Vrede

082 378 2951

WIAN BOLTON

Daniëlsrus, Reitz, Petrus Steyn

072 326 8000

LOUIS PIETERSE SNR

Reitz, Petrus Steyn

082 578 5614

LOUIS PIETERSE JNR

Reitz, Petrus Steyn

082 944 7716

REGION 4**JACO DU TOIT**

Area Manager: Seed
North West, Free State

082 818 2356

STEPHAN ERASMUS

Fochville, Potchefstroom,
Vereeniging

082 315 3107

LEON PRETORIUS

Parys, Koppies, Kroonstad,
Sasolburg

082 868 1243

SG BOTES

Viljoenskroon

082 651 9105

GERT ERASMUS

Bothaville, Odendaalsrus

082 446 6088

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

REGION 6**HENNIE STANDER**

Area Manager: Seed and Crop
Protection

Northern and Eastern Cape

071 304 1165

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, Luckhoff

083 701 7476

NOLENE CRONJÉ

Broker – Hopetown, Luckhoff

083 701 7476

RP OELOFSE

Vaalharts

082 823 2598

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Cradock, Hofmeyr, Gariepdam

082 550 4499

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George, Humansdorp, Patensie

082 335 4783

HENDRIK ENGELBRECHT

Riviersonderend

082 388 0235

IVAN JANSEN VAN

RENSBURG

Durbanville

082 301 5934

TERRITORY WEST

PIETER BASSON

*Territory Manager Seed, Crop Protection and **FieldView™***

082 314 1889

NIEL BASSON

*Area Manager:
Crop Protection*

083 226 3069

SCHALK KOTZE

*Area Manager:
Crop Protection*

082 896 2470

REGION 5

HANNES KRIEL

Area Manager

079 525 6251

RUDI DE BRUIN

Schweizer-Reneke

066 307 3320

DW DE VILLIERS

Bultfontein

082 652 2550

ANDRÉ BEZUIDENHOUT

Bloemhof, Hoopstad

083 448 9194

SAM KRAMER

Kroonstad

082 894 5788

RUDOLPH MARAIS

Wesselsbron

083 293 0686

ERNST MARAIS

Wesselsbron, Welkom

082 486 6440

CHARL BLOM

Christiana, Hertzogville

079 874 6850

BENNA VAN WYK

Bloemfontein

082 337 0910

JACQUES VAN DER VYVER

*Wolmaransstad, Leeudoringstad,
Makwassie*

082 866 1698

REGION 7

COENIE REICHEL

Area Manager

083 458 3135

WILLA BOTHA

*Hartbeesfontein, Ottosdal,
Klerksdorp*

083 287 6443

WERNER SWANICH

*Lichtenburg West, Mafikeng,
Zeerust*

076 812 2041

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

DEON SCHUTTE

*Potchefstroom North,
Ventersdorp*

060 623 7667

TERRITORY NORTH

SCHALK VAN WYK

Territory Manager, Nelspruit

082 878 0818

LUAN BOTHA

Area Sales Manager:

Crop Protection, Lowveld

066 112 6875

REGION 9

JACO BARNARD

Area Manager: Seed and
Crop Protection

072 374 6244

RENIER VILJOEN

Thabazimbi, Brits

082 377 5848

DAAN COETZER

Groblersdal, Marble Hall,
Lydenburg

073 912 7686

PINE LIEBENBERG

Bela-Bela (Warmbaths)

083 255 9566

TERRITORY SOUTH – WEST-, EAST- AND NORTHERN CAPE

ADRIAAN JORDAAN

Territory Manager South

066 038 0335

JANNIE BRUWER

Area Manager:
Crop Protection – Southern Cape

082 806 8715

BENNIE BOTES

Area Manager:
Crop Protection – Western Cape

082 871 2318

JEAN PIERRE JOUBERT

Area Manager:

Crop Protection – Eastern Cape

082 374 3812

MARET VAN RENSBURG

Area Manager:

Crop Protection – Western Cape
and Northern Cape

076 062 7312

NICOLIZE STIGAARD

Area Manager:

Crop Protection – Western Cape

082 650 6660

SMALLHOLDER AND EMERGING COMMERCIAL

DUDU MASHILE

Territory Manager

082 450 1212

SANDILE KHUMALO

KwaZulu-Natal, Eastern Cape,
eSwatini

082 388 0215

CHRIS PHAKATHI

Mpumalanga, North West,
Gauteng and Botswana

082 388 4446

WILLIAM MOTHAPO

Limpopo, Free State and Lesotho

082 735 7254

MARKETING AND STRATEGY

LEONARD OBERHOLZER

Maize Strategy Manager – Africa:
Seed and Crop Protection

082 773 0308

ROHAN CLAASSENS

GTM Lead Africa: Cereal,
Industrial Crops and **Roundup®**

082 927 7028

WILBRI VORSTER

Horticulture: Go-to-Market Lead
– Africa

060 997 3362

JACQUES PRINSLOO

Maize Go-to-Market Manager
– South Africa

MARKET DEVELOPMENT

STEPHEN NEL

Head Market Development Africa

082 887 6696

STEPHANUS FRIIS

Stewardship Manager Africa

083 449 8638

WILHELM VAN HEERDEN

Market Development Lead:
Maize and Soybeans – West

082 095 8903

HANCO DE KLERK
Market Development
Agronomist – Region 7
082 388 0236

PAUL GROENEWALD
Market Development
Agronomist – Region 4
084 200 2314

EDIK DU PLOOY
Market Development
Agronomist – Region 5
064 758 8389

NEELS FABER
Market Development
Agronomist – Region 6
066 188 9047

ISABEL NEETHLING
Market Development
Representative –
Region 7
064 801 7629

BRAAM LE ROUX
Market Development
Representative –
Region 5
064 801 6830

FERREIRA STRAUSS
Market Development
Representative –
Region 4
082 388 0942

JAKO BENADIE
Market Development
Lead, Maize and
Soybeans – East
082 096 2907

KEVIN NEL
Market Development
Agronomist –
Eastern Free State and
Natal
079 890 2125

PAUL TERBLANCE
Market Development
Agronomist – Northern,
Highveld and
Mpumalanga
076 062 5654

ANDRE BOTES
Market Development
Representative –
Highveld
082 374 1647

DENNIS MAKUWA
Market Development
Representative –
KwaZulu-Natal
072 595 7080

RUAN BENTLEY
Market Development
Representative
– Highveld and
Mpumalanga
066 021 6114

LOUIS ODENDAAL
Market Development
Representative – Eastern
Free State and Northern
KZN
060 306 3468

MYNHARDT NOETH
Market Development
Lead, Horticulture and
Cereals
071 362 9305

HENTIE MINNAAR
Market Development
Agronomist – Free State,
Northern Cape, North
West and Highveld
072 655 5454

**DIGITAL:
FIELDVIEW™**

HUGO LE ROUX
Digital Activation Manager
and Key Accounts
082 768 5166

RYNO TERBLANCHE
Digital Activation Specialist
– Central Region
082 610 5369

LESLEY SWANEPOEL
Digital Activation Specialist
– Northern region
064 750 1430

ABI HELBERG
Digital Activation Specialist
– Eastern region
079 537 8277

ANDRÉ STRAUSS
Market Development
West, Eastern and
Northern Cape
079 806 0759

DANICA RAS
Market Development
Representative –
Limpopo

TIAAN VENTER
Market Development
Lead
Digital Africa
076 874 7021

RYNO ALBERTS
Digital Activation Specialist
– Southern region
060 979 0157

JUAN VAN DER WALT
Digital Activation Specialist
– Western region
082 668 1766

KARYN KOEKEMOER
Customer Success
Specialist
063 693 9273



Discover the **#DEKALB**difference

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*Your pride
our passion*



Let's talk ...



**Contact your nearest representative
for more information.**

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27 Wrench Road, Isando, 1601.

PO Box 143, Isando, 1600. **Tel:** +27 11 921 5002

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