

Die basters wat onder die Genuity® YieldGard® II-handelsmerk verkoop word bevat almal die nuwe MON 89034-geen en staan bekend as Genuity® YieldGard® II (slegs Bt-beskerming), Genuity® Roundup Ready® Corn 2 (onkruidbeheer) of in die geval van die stapelgeen waar beide eienskappe in een gewas teenwoordig is Genuity® YieldGard® II met Genuity® Roundup Ready® Corn 2.

The hybrids sold under the Genuity® YieldGard® II-trademark, all contain the new MON 89034-gene and are known as Genuity® YieldGard® II (only Bt-protection), Genuity® Roundup Ready® Corn 2 (weed control) or in the case of the stacked gene where both the traits are present in one plant, Genuity® YieldGard® II with Genuity® Roundup Ready® Corn 2.

### Genuity® YieldGard® II met Roundup Ready® Corn 2-basters

### Genuity® YieldGard® II with Roundup Ready® Corn 2-hybrids



#### DKC80-40BR GEN

- Dubbele voordeel in top genetika.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Weerstand teen mieliestronkboorder (MON 89034).
- Sterk meerkoppig.
- Baie hoë opbrengspotensiaal.
- Goeie siekteverdraagsaamheid.
- Goeie staanvermoë.
- Presteer goed in droëlande oos en wes asook onder besproeiing.
- Onder bepaalde klimaatomstandighede kan baardkny voorkom.



#### DKC80-40BR GEN

- Twice the benefit in top genetics.
- Tolerant to Roundup PowerMAX® herbicide.
- Resistance to maize stalk-borer (MON 89034).
- Strongly multi-eared.
- Very high yield potential.
- Good disease-tolerance.
- Good standability.
- Performs well in dry lands in the east and west as well as under irrigation.
- Silk balling may appear under certain climatic conditions.



#### DKC73-74BR GEN

- Vir optimum opbrengs verhoog plant-populasie met 10 - 15 %.
- Dubbele voordeel in top genetika.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Weerstand teen mieliestronkboorder (MON 89034).
- Baie hoë opbrengspotensiaal.
- Baie goeie staanvermoë.
- Uitstekende graankwaliteit.
- Presteer goed in droëlande in die ooste en weste.
- Sonbrand kan voorkom tydens warm dae met baie dou vanweë die breë blare van die kultivar, maar dit is net kosmeties van aard.



#### DKC73-74BR GEN

- For optimum yields increase plant populations with 10 - 15 %.
- Twice the benefit in top genetics.
- Tolerant to Roundup PowerMAX® herbicide.
- Resistance to maize stalk-borer (MON 89034).
- Very high yield potential.
- Very good standability.
- Excellent grain quality.
- Performs well in dry lands in the east and west.
- Sunscald can be experienced during hot days with lots of dew present because of the broadleaf of the cultivar, but this is only cosmetic.



#### DKC62-80BR GEN NUUT

- Toppresteerder in besproeiing.
- Uitstekende genetika.
- Geskik vir ultra-kort groeiseisoen.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Weerstand teen mieliestronkboorder (MON 89034).
- Goeie staanvermoë.
- Presteer goed onder hoë plantpopulasies.
- Presteer goed onder besproeiing.
- Baie goeie graankwaliteit.
- Gebruik DKC62-84R as toevlugsgebied.



#### DKC62-80BR GEN NEW

- Top performer in irrigation.
- Excellent genetics.
- Suitable for ultra-short growth season.
- Tolerant to Roundup PowerMAX® herbicide.
- Resistance to maize stalk-borer (MON 89034).
- Good standability.
- Performs well under high plant populations.
- Performs well under irrigation.
- Very good grain quality.
- Use DKC62-84R as refuge area.





### DKC64-78BR GEN NUUT



- Toppresteerder in besproeiing.
- Uitstekende genetica.
- Weerstand teen mieliebronkboorder (MON 89034).
- Geskik vir ultra-kort groeiseisoen.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Goeie staanvermoë.
- Presteer goed onder hoë plantpopulasies.
- Presteer goed onder besproeiing.
- Baie goeie graankwaliteit.
- Gebruik DKC62-84R as toevlugsgebied.



### DKC64-78BR GEN NEW



- Top performer in irrigation.
- Excellent genetics.
- Resistance to maize stalk-borer (MON 89034).
- Suitable for ultra-short growth season.
- Tolerant to Roundup PowerMAX® herbicide.
- Good standability.
- Performs well under high plant populations.
- Performs well under irrigation.
- Very good grain quality.
- Use DKC62-84R as refuge area.



## Genuity® YieldGard® II enkelgeen-baster



### DKC80-12B GEN

#### LEIER IN GEELMIELIEKULTIVARS



- Weerstand teen mieliebronkboorder (MON 89034).
- Sterk meerkoppig.
- Baie hoë opbrengspotensiaal.
- Goeie siekteverdraagsaamheid.
- Goeie staanvermoë.
- Presteer goed in droëlande in die ooste en weste asook onder besproeiing.
- Onder bepaalde klimaatomstandighede kan baardknyp voorkom.



### DKC80-12B GEN

#### LEADER IN YELLOW MAIZE CULTIVARS



- Resistance to maize stalk-borer (MON 89034).
- Strongly multi-eared.
- Very high yield potential.
- Good disease tolerance.
- Good standability.
- Performs well in dry lands in the east and west as well as under irrigation.
- Silk balling may appear under certain climatic conditions.



### DKC73-70B GEN



- Vir optimum opbrengs verhoog plantpopulasie met 10 - 15 %.
- Uitstekende nuwe genetica.
- Weerstand teen mieliebronkboorder.
- Baie hoë opbrengspotensiaal.
- Baie goeie staanvermoë.
- Uitstekende graankwaliteit.
- Presteer goed in droëlande in die ooste en weste.



### DKC73-70B GEN



- For optimum yields increase plant populations with 10 - 15 %.
- Excellent new genetics.
- Resistance to maize stalk-borer.
- Very high yield potential.
- Very good standability.
- Excellent grain quality.
- Performs well in dry lands in the east and west.



### Genuity® Roundup Ready® Corn 2-basters



#### DKC73-76R NUWE LEIER



- Vir optimum opbrengs verhoog plant-populasie met 10 - 15 %.
- Uitstekende nuwe genetika.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Baie hoë opbrengspotensiaal.
- Baie goeie staanvermoë.
- Uitstekende graankwaliteit.
- Presteer goed in droëlande in die ooste en weste.
- Gebruik as toevlugsgebied saam met DKC73-74BR GEN.



#### DKC73-76R NEW LEADER



- For optimum yields increase plant populations with 10 - 15 %.
- Excellent new genetics.
- Tolerant to Roundup PowerMAX® herbicide.
- Very high yield potential.
- Very good standability.
- Excellent grain quality.
- Performs well in dry lands in the east and west.
- Use as refuge area along with DKC73-74BR GEN.



#### DKC66-36R



- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Goeie siekteverdraagsaamheid.
- Goeie staanvermoë.
- Vinnig vir droëlande in die ooste en weste.
- Ook geskik vir besproeiing.
- Presteer goed onder hoër plantpopulasies.



#### DKC66-36R



- Tolerant to Roundup PowerMAX® herbicide.
- Good disease-tolerance.
- Good standability.
- Fast for dry lands in the east and west.
- Also suitable for irrigation.
- Performs very well under higher plant populations.



#### DKC62-84R NUUT



- Toppresteerder in besproeiing.
- Uitstekende genetika.
- Geskik vir ultra-kort groeiseisoen.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Goeie staanvermoë.
- Presteer goed onder hoër plantpopulasies.
- Presteer goed onder besproeiing asook droëlande in die ooste.
- Baie goeie graankwaliteit.



#### DKC62-84R NEW



- Top performer in irrigation.
- Excellent genetics.
- Suitable for ultra-short growth season.
- Tolerant to Roundup PowerMAX® herbicide.
- Good standability.
- Performs well under high plant populations.
- Performs well under irrigation and in dry lands in the east.
- Very good grain quality.



#### DKC80-30R LEIER IN GEELMIELIEKULTIVARS



- Verdraagsaam teenoor Roundup PowerMAX®-onkruidodder.
- Baie hoë opbrengspotensiaal.
- Sterk meerkoppig.
- Goeie staanvermoë.
- Goeie siekteverdraagsaamheid.
- Geskik vir westelike en oostelike produksiegebiede.
- Gebruik as toevlugsgebied saam met DKC80-40BR GEN.
- Onder bepaalde klimaatomstandighede kan baardknyp voorkom.



#### DKC80-30R LEADER IN YELLOW MAIZE CULTIVARS



- Tolerant to Roundup PowerMAX® herbicide.
- Very high yield potential.
- Strongly multi-eared.
- Good standability.
- Good disease-tolerance.
- Suitable for western as well as eastern production areas.
- Use as refuge area along with DKC80-40BR GEN.
- Silk balling may appear under certain climatic conditions.



# Yellow maize

## Cultivar description

Die basters wat onder die YieldGard® handelsmerk verkoop word bevat die MON 810-geen en staan bekend as YieldGard®, of in die geval van die stapelgeen waar beide die eienskappe in een gewas teenwoordig is, YieldGard® met Roundup Ready® Corn 2.

The hybrids sold under the YieldGard® trademark, contain the MON 810-gene and are known as YieldGard® or in the case of the stacked gene where both the traits are present in one plant, YieldGard® with Roundup Ready® Corn 2.

### YieldGard® met Roundup Ready® Corn 2-basters

### YieldGard® with Roundup Ready® Corn 2-hibrids

#### DKC62-80BR NUUT



- Toppresteerder in besproeiing.
- Uitstekende genetica.
- Geskik vir ultra-kort groeiseisoen.
- Verdraagsaam teenoor Roundup PowerMAX®-onkruiddoder.
- Weerstand teen mieliestronkboorder (MON 810).
- Goeie staanvermoë.
- Presteer goed onder hoë plantpopulasies.
- Presteer goed onder besproeiing.
- Baie goeie graankwaliteit.
- Gebruik DKC62-84R as toevlugsgebied.



#### DKC62-80BR NEW



- Top performer in irrigation.
- Excellent genetics.
- Suitable for ultra-short growth season.
- Tolerant to Roundup PowerMAX® herbicide.
- Resistance to maize stalk-borer (MON 810).
- Good standability.
- Performs well under high plant populations.
- Performs well under irrigation.
- Very good grain quality.
- Use DKC62-84R as refuge area.



#### DKC64-78BR NUUT



- Toppresteerder in besproeiing.
- Uitstekende genetica.
- Geskik vir ultra-kort groeiseisoen.
- Weerstand teen mieliestronkboorder (MON 810).
- Verdraagsaam teenoor Roundup PowerMAX®-onkruiddoder.
- Goeie staanvermoë.
- Presteer goed onder hoë plantpopulasies.
- Presteer goed onder besproeiing.
- Baie goeie graankwaliteit.
- Gebruik DKC62-84R as toevlugsgebied.



#### DKC64-78BR NEW



- Top performer in irrigation.
- Excellent genetics.
- Suitable for ultra-short growth season.
- Weerstand teen mieliestronkboorder (MON 810).
- Tolerant to Roundup PowerMAX® herbicide.
- Good standability.
- Performs well under high plant populations.
- Performs well under irrigation.
- Very good grain quality.
- Use DKC62-84R as refuge area.



#### DKC66-60BR



- Dubbele voordeel in top genetica.
- Goeie siekteverdraagsaamheid.
- Goeie staanvermoë.
- Weerstand teen mieliestronkboorder (MON 810).
- Vinnig vir droëlande in die ooste.
- Ook geskik vir besproeiing.
- Presteer goed onder hoër plantpopulasies.



#### DKC66-60BR



- Twice the benefit in top genetics.
- Good disease-tolerance.
- Good standability.
- Resistance to maize stalk-borer (MON 810).
- Fast for dry lands in the east.
- Also suitable for irrigation.
- Performs very well under higher plant populations.



### YieldGard® enkelgeenbasters

### YieldGard® single gene hybrids



#### DKC66-32B

- Weerstand teen mieliestronkboorder.
- Goeie staanvermoë.
- Vinnig vir droëland in die ooste en weste.
- Ook vir besproeiing.
- Presteer goed onder hoë plantpopulasies.



#### DKC66-32B

- Resistance to maize stalk-borer.
- Good standability.
- Fast for dry land in the east and west.
- Also for irrigation.
- Performs well under high plant populations.



### Konvensionele basters

### Conventional hybrids



#### DKC73-72 NUUT

- Vir optimum opbrengs verhoog plantpopulasie met 10 - 15 %.
- Uitstekende nuwe genetika.
- Baie hoë opbrengspotensiaal.
- Baie goeie staanvermoë.
- Uitstekende graankwaliteit.
- Presteer goed in droëlande in die ooste en weste.
- Gebruik as toevlugsgebied vir DKC73-70B GEN.



#### DKC73-72 NEW

- For optimum yields increase plant populations with 10 - 15 %.
- Excellent new genetics.
- Very high yield potential.
- Very good standability.
- Excellent grain quality.
- Performs well in dry lands in the east and west.
- Use as refuge area for DKC73-70B GEN.



#### DKC80-10

- Geskik vir sowel westelike as oostelike dele van die land.
- Baie hoë opbrengspotensiaal.
- Sterk meerkoppig.
- Goeie siekteverdraagsaamheid.
- Goeie staanvermoë.
- Gebruik as toevlugsgebied saam met DKC80-12B GEN.
- Onder bepaalde klimaatomstandighede kan baardknyv voorkom.



#### DKC80-10

- Suitable for western as well as eastern parts of the country.
- Very high yield potential.
- Strongly multi-eared.
- Good disease tolerance.
- Good standability.
- Use as refuge area along with DKC80-12B GEN.
- Silk balling may appear under certain climatic conditions.



#### DKC61-90 NUUT

- Geskik vir besproeiingsgebiede.
- Ultra-kort groeiseisoen lengte.
- Uitstekende opbrengs.
- Goeie staanvermoë.
- Plant in hoë populasies.
- Baie goeie graankwaliteit.



#### DKC61-90 NEW

- Suitable for irrigation.
- Ultra-short growth season length.
- Excellent yield.
- Good standability.
- Plant in high populations.
- Very good grain quality.



# Geelmielies

## Kultivareienskappe



Produk Product	Bestuur / Management					Plant Planting		
	Toegevoegde waarde-eienskap Value-added trait	Dae tot 50% blom Days to 50% flowering	Dae tot relatiewe rypheid Days to relative maturity	Hitte-eenhede tot 50% blom Heat units to 50% tassel	Hitte-eenhede tot fisiologies ryp Heat units to physiological maturity	Plantdigtheid / Planting rate	Opkoms / Emergence	
RV/M < 120	DKC62-84R	RR2	57-65	104-115	620	1225	H	2
	DKC66-32B	YGCB	60-78	110-120	645	1270	MH	2
	DKC66-36R	RR2	60-78	110-120	645	1270	MH	2
	DKC62-80BR	RR2/YGCB	57-65	104-115	620	1225	H	2
	DKC62-80BR GEN	RR2/YGIICB	57-65	104-115	620	1225	H	2
	DKC64-78BR	RR2/YGCB	57-65	104-115	620	1225	H	2
	DKC64-78BR GEN	RR2/YGIICB	57-65	104-115	620	1225	H	2
	DKC66-60BR	RR2/YGCB	60-78	110-120	645	1270	MH	2
RV/M > 120	DKC80-10	K/CONV.	65-85	120-135	690	1310	M	2
	DKC80-12B GEN	YGIICB	65-85	120-135	690	1310	M	2
	DKC73-70B GEN	YGIICB	62-80	122-138	695	1320	MH	2
	DKC80-30R	RR2	65-85	120-135	690	1310	M	2
	DKC80-40BR GEN	RR2/YGIICB	65-85	120-135	690	1310	M	2
	DKC73-74BR GEN	RR2/YGIICB	62-80	122-138	695	1320	MH	2
	DKC73-76R	RR2	62-80	122-138	695	1320	MH	2
	DKC73-72	K/CONV.	62-80	122-138	695	1320	MH	2
DKC61-90	K/CONV.	56-64	103-114	626	1225	H	2	

# Yellow maize

## Cultivar characteristics

Geografie / Geography					Agronomies / Agronomics							Oes Harvest		Siekteweerstand Disease Tolerance						Produk Product
Oostelike Droëland / Eastern Dryland	Weselike Droëland / Western Dryland	Besproeiing Dubbeloos Irrigation Double Crop	Natal	Besproeiing Volle Seisoen Irrigation Full Season	Soeding Groei / Seeding Growth	Staanvermoë / Standability	Plant hoogte / Plant height	Kopplasing / Ear Placement	Spruite / Tillering	Baardkryp / Silk balling	Meerkoppigheid / Prolificacy	Afdroging / Drydown	Graankwaliteit / Grain Quality	Noordelike Blaarstreei Northern Corn Leaf Blight	Gewone Roes / Common Rust	Diplodia Koprot / Diplodia Ear Rot	Melie Streepvirus / Maize Streak Virus	Gryslarvlek / Grey Leaf Spot	Brand / Smut	
N	N	J/Y	J/Y	J/Y	2	2	M-S	M/L	2	2	6	2	2	2	2	6	5	5	3	DKC62-84R
J/Y	J/Y	N	J/Y	J/Y	2	4	M-T	H	2	2	4	3	4	3	2	5	4	4	2	DKC66-32B
J/Y	J/Y	N	J/Y	J/Y	2	4	M-T	H	2	2	4	3	4	3	2	5	4	4	2	DKC66-36R
N	N	J/Y	J/Y	J/Y	2	2	M-S	M/L	2	2	6	2	2	2	2	6	5	5	3	DKC62-80BR
N	N	J/Y	J/Y	J/Y	2	2	M-S	M/L	2	2	6	2	2	2	2	6	5	5	3	DKC62-80BR GEN
N	N	J/Y	J/Y	J/Y	2	2	M-S	M/L	2	2	6	2	2	2	2	6	5	5	3	DKC64-78BR
N	N	J/Y	J/Y	J/Y	2	2	M-S	M/L	2	2	6	2	2	2	2	6	5	5	3	DKC64-78BR GEN
J/Y	J/Y	N	J/Y	J/Y	2	4	M-T	H	2	2	4	3	4	3	2	5	4	4	2	DKC66-60BR
J/Y	J/Y	N	J/Y	J/Y	2	4	T	H	2	6	2	2	2	2	2	2	2	2	6	DKC80-10
J/Y	J/Y	N	J/Y	J/Y	2	4	T	H	2	6	2	2	2	2	2	2	2	2	6	DKC80-12B GEN
J/Y	J/Y	N	J/Y	J/Y	2	2	M-T	M	2	2	5	3	4	2	2	3	2	2	2	DKC73-70B
J/Y	J/Y	N	J/Y	J/Y	2	4	T	H	2	6	2	2	2	2	2	2	2	2	6	DKC80-30R
J/Y	J/Y	N	J/Y	J/Y	2	4	T	H	2	6	2	2	2	2	2	2	2	2	6	DKC80-40BR GEN
J/Y	J/Y	N	J/Y	J/Y	2	2	M-T	M	2	2	5	3	4	2	2	3	2	2	2	DKC73-74BR
J/Y	J/Y	N	J/Y	J/Y	2	2	M-T	M	2	2	5	3	4	2	2	3	2	2	2	DKC73-76R
J/Y	J/Y	N	J/Y	J/Y	2	2	M-T	M	2	2	5	3	4	2	2	3	2	2	2	DKC73-72
N	N	J	J	J	2	2	M-S	M/L	2	2	6	2	2	2	2	2	2	2	2	DKC61-90

### Sleutel

- J** – Ja  
**N** – Nee  
**M** – Medium  
**K** – Kort  
**H** – Hoog  
**L** – Lank

### Beoordeling:

- 1** – Uitstekend  
**9** – Swak

- RR2** – Roundup Ready®  
**YGCB** – YieldGard®  
**YGIICB** – Genuity® YieldGard® II  
**RV** – Relatiewe Volwassenheid  
**K/Conv.** – Konvensioneel

### Key

- Y** – Yes  
**N** – No  
**M** – Medium  
**S** – Short  
**H** – High  
**T** – Tall

### Ratings:

- 1** – Excellent  
**9** – Poor

- RR2** – Roundup Ready®  
**YGCB** – YieldGard®  
**YGIICB** – Genuity® YieldGard® II  
**RM** – Relative Maturity  
**K/Conv.** – Conventional

