

2023

SEED GUIDE

CAROLINAS



NORTH CAROLINA COASTAL PLAINS

Technical Agronomist

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GET MORE FROM YOUR FIELDS WITH THE HELP OF DIGITAL TOOLS.

**GAIN LOCAL INSIGHTS AND INFORMATION RELEVANT TO YOUR
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FEATURED PRODUCTS



NEW


CORN 

DKC68-35
BRAND BLEND

Trait	VT Double PRO® corn
Relative Maturity	118

Strengths and Management Tips

- Outstanding yield potential across environments
- Product has shown outstanding grain quality and test weight; high food grade potential
- Target medium populations for best performance with this girthy, deepkerneled semi-flex ear type
- Very good stress tolerance potential including heat and drought stress, enabling southern movement
- Very good root strength
- Average southern rust tolerance; may benefit from a fungicide in high disease pressure areas
- Caution when moving north due to slower dry down


CORN 

DKC68-95
BRAND BLEND

Trait	SmartStax® corn
Relative Maturity	118

Strengths and Management Tips

- Hybrid has showcased very good emergence and seedling vigor
- Product has shown strong Southern Rust and very good Southern Corn Leaf Blight tolerance for excellent southern movement
- Excellent root and very good stalk strength
- Wide fuller canopy to benefit wider planting row configurations
- Medium plant and ear height has been displayed by this hybrid
- Has shown very good grain quality and test weight
- Product has shown a semi-fixed ear type with girth and prefers medium to medium high planting populations
- Avoid utilization in fields with a history of Goss's Wilt; Western corn belt movement limited
- Slower drydown as product moves North


CORN 

DKC69-99
BRAND BLEND

Trait	Trecepta®
Relative Maturity	119

Strengths and Management Tips

- Plant at medium to medium high plant populations
- Has shown excellent test weight, grain quality
- Position on moderate to highly productive soils to maximize yield potential
- Has shown adequate husk coverage
- Avoid areas with high levels of Goss's Wilt pressure
- Placement caution in areas of high greensnap risk


SOYBEANS 

AG56XF2
BRAND

Trait	Roundup Ready2 Yield Soybean/Dicamba Tolerant/Liberty Link
Relative Maturity	5.6

Strengths and Management Tips

- Medium tall plant with good standability
- Peking type SCN resistance
- Resistance to southern root knot nematode
- Tolerance to southern stem canker and frogeye leaf spot
- Chloride excluder


SOYBEANS 

AG66XF2
BRAND

Trait	Roundup Ready2 Yield Soybean/Dicamba Tolerant/Liberty Link
Relative Maturity	6.6

Strengths and Management Tips

- Medium tall plant with good standability and strong emergence
- Southern root knot nematode resistance
- Very good tolerance to southern stem canker
- Tolerance to frogeye leaf spot


COTTON 

DP 2115 B3XF

Trait	Bollgard® 3 XtendFlex®
Relative Maturity	Early

Strengths and Management Tips

- Compact plant, early maturity type Semi-smooth leaf Very Good Storm Tolerance ratings Due to compact plant and early maturity, timely irrigation is recommended


COTTON 

DP 2127 B3XF

Trait	Bollgard® 3 XtendFlex®
Relative Maturity	Early-Mid

Strengths and Management Tips

- Smooth leaf pubescence Open Canopy Medium to Tall plant type may require timely plant growth regulator applications prior to bloom Broadly adapted; responsive to high yield environments Timely harvest aid applications to optimize fiber quality (micronaire)

COTTON 

DP 2141NR B3XF

Trait	Bollgard® 3 XtendFlex®
Relative Maturity	Mid-Full

Strengths and Management Tips

- Root Knot Nematode / Reniform stacked resistance genes Semi-smooth leaf Excellent fiber strength Moderate Tolerance to Verticillium / Susceptible to Bacterial Blight Timely application of harvest aids is recommended to optimize fiber properties (micronaire)



CONFIDENCE STARTS HERE

A history of success starts with the consistent yield potential of DEKALB® brand corn. Featuring exclusive genetics, whole-farm solutions and DEKALB dealer support to help you realize a future of performance.



..... **SEAMLESS VALUE IN THE BAG**

ACCELERON

3.7⁺
BU/A

Acceleron® Seed Applied Solutions Elite with Enhanced Disease Control is seamlessly included in 100% of the DEKALB corn portfolio, which has shown a 3.7 Bu/A advantage* nationwide compared to products without it.



..... **DEFEND LIKE A PRO**



DEKALB® Disease Shield® technology offers the broadest protection available against the top five yield-robbing corn diseases without sacrificing yield potential.



..... **AGRONOMIC BENEFITS**

DEKALB corn has the agronomic characteristics to help keep you covered all season. From greensnap tolerance at midseason to leading drydown at harvest and outstanding standability all season long.



..... **EARN REWARDS**



Perform like a champion. Get rewarded like one, too. DEKALB brand is an exclusive seed qualifier of the Bayer PLUS Rewards program, offering you rewards on 70+ eligible products.

*Results from four years of internal trials comparing hybrids treated with and without Enhanced Disease Control. N=598.



LOCAL AGRONOMIC RATINGS

Recommendations by your local agronomist.

DEKALB® Disease Shield™ Product

Silage Proven

NEW New Product*

DEKALB® CORN BRANDS		VALUE-ADDED TRAIT	RELATIVE MATURITY	120 TO 160 (BU/A)	160 TO 200 (BU/A)	220 TO 240 (BU/A)	SILAGE PROVEN	GDUS TO MID-POLLINATION	GDUS TO BLACK LAYER	EMERGENCE	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP TOLERANCE	PLANT HEIGHT	EAR PLACEMENT	DRYDOWN	TEST WEIGHT
DKC59-82 BRAND	VT2P		109	28-30 +	30-34 ★	32-36 ★	⊘	1320	2725	3	3	3	2	2	MEDIUM	MEDIUM	3	4
DKC62-22 BRAND	VT2P		112	22-26 ★	26-28 +	28-30 ◇	⊘	1325	2815	3	2	3	2	2	MEDIUM	MEDIUM	3	3
DKC62-70 BRAND	VT2P		112	24-28 +	28-30 ★	30-36 ★	⊘	1340	2825	3	2	2	2	3	MED TALL	MEDIUM	4	2
DKC63-56 BRAND	RR2		113	26-30 ★	30-32 ★	32-34 ★	⊘	1330	2825	3	3	3	2	4	MEDIUM	MED HIGH	3	3
DKC63-57 BRAND	VT2P		113	26-30 ★	30-32 ★	32-34 ★	⊘	1330	2825	3	3	3	2	4	MEDIUM	MED HIGH	3	3
NEW DKC64-22 BRAND	VT2P		114	26-28 +	30-32 ★	32-36 ★	⊘	1375	2850	2	3	3	3	4	MED TALL	MEDIUM	3	1
DKC64-25 BRAND	DGVT2P		114	22-26 ★	26-28 +	28-30 ◇	⊘	1335	2845	2	4	3	1	3	MED TALL	MEDIUM	2	2
DKC65-20 BRAND	DGVT2P		115	28-30 ★	30-32 ★	32-36 ★	⊘	1340	2875	3	3	2	2	5	MEDIUM	MED LOW	4	2
DKC65-93 BRAND	RR2		115	26-28 +	28-32 ★	32-36 ★	⊘	1350	2880	3	2	2	2	3	MEDIUM	MED HIGH	5	1
DKC65-99 BRAND	TRE		115	26-30 +	30-34 ★	32-36 ★	⊘	1355	2880	1	2	2	2	4	MEDIUM	MEDIUM	3	2
NEW DKC66-06 BRAND	TRE		116	26-28 +	30-32 ★	32-36 ★	⊘	1385	2910	3	3	2	2	3	MED TALL	MED HIGH	4	2

Reference full legend at back of guide

- 1 Excellent
- 9 Poor
- Not Available
- ★ Highly Recommended
- + Recommended in Most Situations
- ◇ Use with Appropriate Management
- ⊘ Not Recommended
- N/A Not Applicable

	GRAY LEAF SPOT	SOUTHERN RUST	ANTHRACNOSE STALK ROT	NORTHERN CORN LEAF BLIGHT	SOUTHERN CORN LEAF BLIGHT	SULFONYLUREA SENSITIVITY	COMMENTS
DKC59-82 BRAND	5	5	5	4	3	A	Has shown very consistent ear development even in stressed growing conditions. Has potential to provide a good foliar disease tolerance package. .
DKC62-22 BRAND	5	5	4	4	3	A	Product has shown very good performance potential and stress tolerance for lower yielding environments. Product has shown good ear flex.
DKC62-70 BRAND	5	3	3	5	3	A	Very good root and stalk strength. Has shown a good overall disease tolerance package highlighted with very good Southern Rust and Southern Corn Leaf Blight tolerance. Highly adaptable across most soil types.
DKC63-56 BRAND	4	5	5	3	3	A	Has shown excellent standability. Has capability to flex at reduced planting populations. Has shown good yield potential in productive environments as well as stressed growing conditions. Area of adaptability can range from 110 throughout 115 RM.
DKC63-57 BRAND	4	5	5	3	3	A	Good late season intactness and harvest appearance. Has shown good yield potential in productive environments as well as stressed growing conditions. Area of adaptability can range from 110 throughout 115 RM.
NEW DKC64-22 BRAND	3	3	3	5	3	A	Outstanding test weight and grain quality with nice husk cover and slow drydown. Excellent Gray Leaf Spot, Southern Rust and Anthracnose Stalk Rot disease tolerance package. Has shown heat and drought stress tolerance
DKC64-25 BRAND	5	5	6	3	4	A	Has shown outstanding yield potential in lower yield environments. Decent ear flex allows planting at moderate populations.
DKC65-20 BRAND	4	7	5	3	2	C	Has shown excellent stalk strength and very good root strength. Excellent seedling growth. Very good drought tolerance. Can perform best when planted at M-MH plant populations. Use caution when using ALS herbicides.
DKC65-93 BRAND	5	4	3	3	4	A	Has shown excellent grain quality and test weight. Strong roots and stalks provide good standability. Strong drought tolerance allows placement on most acres.
DKC65-99 BRAND	5	2	4	3	4	A	Broadly adapted across soil types. Has shown very good grain quality.
NEW DKC66-06 BRAND	4	5	2	3	3	A	Versatile product that has shown strong yield potential across soil types. Has demonstrated very good performance in both irrigated and dryland environments. Strong agronomic package including root and stalk strength and greensnap tolerance.



LOCAL AGRONOMIC RATINGS

Recommendations by your local agronomist.

DEKALB® Disease Shield™ Product


Silage Proven

NEW New Product*

DEKALB® CORN BRANDS		VALUE-ADDED TRAIT	RELATIVE MATURITY	120 TO 160 (BU/A)	160 TO 200 (BU/A)	220 TO 240 (BU/A)	SILAGE PROVEN	GDUS TO MID-POLLINATION	GDUS TO BLACK LAYER	EMERGENCE	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP TOLERANCE	PLANT HEIGHT	EAR PLACEMENT	DRYDOWN	TEST WEIGHT
DKC67-44 BRAND	VT2P		117	26-28 ★	28-30 ★	30-32 ★	🚫	1372	2925	2	5	4	2	4	MED TALL	MEDIUM	3	1
NEW DKC68-35 BRAND	VT2P		118	26-28 +	28-32 ★	32-36 ★	🚫	1395	2965	3	2	2	2	3	MED TALL	MEDIUM	4	1
DKC68-67 BRAND	RR2		118	28-30 ★	30-34 ★	32-36 ★	★	1380	2960	3	4	3	3	5	TALL	MED HIGH	4	2
DKC68-69 BRAND	VT2P		118	28-30 ★	30-34 ★	32-36 ★	★	1380	2960	3	4	3	3	5	TALL	MED HIGH	4	2
DKC68-95 BRAND	SS		118	28-30 ★	30-32 ★	32-36 ★	🚫	1390	2960	2	2	3	2	3	MEDIUM	MEDIUM	4	3
DKC69-16 BRAND	SS		119	24-26 ★	26-28 ★	28-30 +	★	1380	2970	2	3	2	2	4	MED TALL	MEDIUM	3	2
DKC69-99 BRAND	TRE		119	26-28 +	28-32 ★	30-34 ★	◇	1400	2970	3	3	3	3	5	TALL	MED HIGH	3	1
DKC70-27 BRAND	VT2P		120	26-28 ◇	30-32 ★	32-36 ★	+	1420	3000	4	3	3	3	3	TALL	MED HIGH	4	2
NEW DKC70-45 BRAND	VT2P		120	26-28 +	28-32 ★	32-36 ★	+	1410	2995	3	3	3	3	4	MED TALL	MEDIUM	2	2

Reference full legend at back of guide

- 1 Excellent
- 9 Poor
- Not Available
- ★ Highly Recommended
- + Recommended in Most Situations
- ◇ Use with Appropriate Management
- ⊘ Not Recommended
- N/A Not Applicable

	GRAY LEAF SPOT	SOUTHERN RUST	ANTHRACNOSE STALK ROT	NORTHERN CORN LEAF BLIGHT	SOUTHERN CORN LEAF BLIGHT	SULFONYLUREA SENSITIVITY	COMMENTS
DKC67-44 BRAND	5	5	6	3	3	A	Very strong drought tolerance. Has shown excellent test weight and good ear appearance. Very good ear flex allows planting at a wide range of populations.
NEW DKC68-35 BRAND	4	5	2	3	3	A	Outstanding yield potential across environments. Target medium populations for best performance with this girthy, deep kernalled semi-flex ear type. Very good stress tolerance potential including heat and drought stress.
DKC68-67 BRAND	4	4	4	3	3	A	Strong foliar disease tolerance package. Has shown good husk cover and test weight.
DKC68-69 BRAND	4	4	4	3	3	A	Strong foliar disease tolerance package. Has shown good husk cover and test weight.
DKC68-95 BRAND	3	3	3	4	3	A	A short statured product with a Southeastern bias. Product has shown strong southern rust tolerance and very good southern corn leaf blight tolerance.
DKC69-16 BRAND	5	6	5	3	3	A	Has shown above average drought tolerance. Descent ear flex improves performance potential at lower populations. Potential to be used as a dual purpose product for silage.
DKC69-99 BRAND	5	4	4	3	3	A	Plant at medium to medium high plant populations. Has shown excellent test weight and grain quality. Position on moderate to highly productive soils to help maximize yield potential.
DKC70-27 BRAND	 4	4	4	2	4	A	Excellent foliar disease tolerance with excellent late season appearance and standability. .
NEW DKC70-45 BRAND	4	3	4	2	2	A	Excellent grain quality and test weight with very nice husk cover. Has shown an overall very good disease tolerance package. Girthy, semi-flex ear type provides planting population flexibility. Good root and stalk strength has been shown with this product.



NATIONAL AGRONOMIC RATINGS

A comprehensive list of each product's characteristics.

DEKALB® Disease Shield™ Product

NEW New Product*

		RELATIVE MATURITY	GDUS TO MID-POLLINATION	GDUS TO BLACK LAYER	PLANTING RATE	COB COLOR	KERNEL CAP COLOR	KERNEL ROW	EMERGENCE	SEEDLING GROWTH	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP TOLERANCE	PLANT HEIGHT
DEKALB® CORN BRANDS	VALUE-ADDED TRAIT	MANAGEMENT				PLANT DESCRIPTION			GROWTH						
DKC59-82 BRAND	VT2P	109	1320	2725	MED HIGH	RED	YELLOW	18	3	2	3	3	2	2	MEDIUM
DKC62-22 BRAND	VT2P	112	1325	2815	MED LOW	RED	YELLOW	18	3	2	2	3	2	2	MEDIUM
DKC62-70 BRAND	VT2P	112	1340	2825	MEDIUM	RED	YELLOW	16	3	3	2	2	2	3	MED TALL
DKC63-56 BRAND	RR2	113	1330	2825	MED LOW	RED	YELLOW	18	3	2	3	3	2	4	MEDIUM
DKC63-57 BRAND	VT2P	113	1330	2825	MED LOW	RED	YELLOW	18	3	2	3	3	2	4	MEDIUM
NEW DKC64-22 BRAND	VT2P	114	1375	2850	MEDIUM	RED	YELLOW	16	2	2	3	3	3	4	MED TALL
DKC64-25 BRAND	DGVT2P	114	1335	2845	MEDIUM	RED	YELLOW	16	2	3	4	3	1	3	MED TALL
DKC65-20 BRAND	DGVT2P	115	1340	2875	MED LOW	RED	YELLOW	16	3	3	3	2	2	5	MEDIUM
DKC65-93 BRAND	RR2	115	1350	2880	MED HIGH	PINK	YELLOW	16	3	3	2	2	2	3	MEDIUM
DKC65-99 BRAND	TRE	115	1355	2880	MED LOW	RED	YELLOW	18	1	2	2	2	2	4	MEDIUM
NEW DKC66-06 BRAND	TRE	116	1385	2910	MED HIGH	PINK	YELLOW	18	3	2	3	2	2	3	MED TALL

Reference full legend at back of guide

RATING SCALE
 1 Excellent
 9 Poor
 - Not Available

	EAR PLACEMENT	STAYGREEN	HARVEST APPEARANCE	DRYDOWN	TEST WEIGHT	ANTHRACNOSE LEAF BLIGHT	GRAY LEAF SPOT	SOUTHERN RUST	ANTHRACNOSE STALK ROT	GOSS'S WILT	EYE SPOT	NORTHERN CORN LEAF BLIGHT	SOUTHERN CORN LEAF BLIGHT	STEWART'S WILT LEAF BLIGHT	CORN LETHAL NECROSIS	COMMON RUST	GROWTH REGULATORS SENSITIVITY	SULFONYLUREA SENSITIVITY	ISOXAZOLES SENSITIVITY - PREEMERGENCE
	GROWTH	HARVEST				DISEASE RATINGS											HERBICIDE		
DKC59-82 BRAND	MEDIUM	3	3	3	4	-	5	5	5	3	-	4	3	-	-	-	A	A	A
DKC62-22 BRAND	MEDIUM	3	3	3	3	-	5	5	4	2	-	4	3	-	-	-	A	A	A
DKC62-70 BRAND	MEDIUM	2	2	4	2	-	5	3	3	4	-	5	3	-	-	-	A	A	A
DKC63-56 BRAND	MED HIGH	2	2	3	3	-	4	5	5	4	-	3	3	-	-	-	A	A	A
DKC63-57 BRAND	MED HIGH	2	2	3	3	-	4	5	5	4	-	3	3	-	-	-	A	A	A
NEW DKC64-22 BRAND	MEDIUM	2	1	3	1	-	3	3	3	6	-	5	3	-	-	3	A	A	A
DKC64-25 BRAND	MEDIUM	4	4	2	2	-	5	5	6	5	-	3	4	-	-	-	A	A	A
DKC65-20 BRAND	MED LOW	3	4	4	2	2	4	7	5	6	N/A	3	2	4	4	N/A	A	C	A
DKC65-93 BRAND	MED HIGH	3	3	5	1	-	5	4	3	5	-	3	4	-	-	-	A	A	A
DKC65-99 BRAND	MEDIUM	2	2	3	2	-	5	2	4	5	-	3	4	-	-	-	A	A	A
NEW DKC66-06 BRAND	MED HIGH	3	2	4	2	-	4	5	2	5	-	3	3	-	-	3	A	A	A



NATIONAL AGRONOMIC RATINGS

A comprehensive list of each product's characteristics.

DEKALB® Disease Shield™ Product

NEW New Product*

DEKALB® CORN BRANDS		VALUE-ADDED TRAIT	RELATIVE MATURITY	GDUS TO MID-POLLINATION	GDUS TO BLACK LAYER	PLANTING RATE	COB COLOR	KERNEL CAP COLOR	KERNEL ROW	EMERGENCE	SEEDLING GROWTH	ROOT STRENGTH	STALK STRENGTH	DROUGHT TOLERANCE	GREENSNAP TOLERANCE	PLANT HEIGHT
			MANAGEMENT			PLANT DESCRIPTION			GROWTH							
DKC67-44 BRAND		VT2P	117	1372	2925	MED LOW	RED	YELLOW	18	2	2	5	4	2	4	MED TALL
NEW DKC68-35 BRAND		VT2P	118	1395	2965	MEDIUM	WHITE	YELLOW	18	3	3	2	2	2	3	MED TALL
DKC68-67 BRAND		RR2	118	1380	2960	MEDIUM	RED	YELLOW	16	3	3	4	3	3	5	TALL
DKC68-69 BRAND		VT2P	118	1380	2960	MEDIUM	RED	YELLOW	16	3	3	4	3	3	5	TALL
DKC68-95 BRAND		SS	118	1390	2960	MEDIUM	RED	YELLOW	18	2	2	2	3	2	3	MEDIUM
DKC69-16 BRAND		SS	119	1380	2970	MED LOW	RED	YELLOW	16	2	2	3	2	2	4	MED TALL
DKC69-99 BRAND		TRE	119	1400	2970	MED LOW	RED	YELLOW	18	3	3	3	3	3	5	TALL
DKC70-27 BRAND		VT2P	120	1420	3000	MEDIUM	RED	YELLOW	16	4	4	3	3	3	3	TALL
NEW DKC70-45 BRAND		VT2P	120	1410	2995	MED HIGH	RED	YELLOW	18	3	3	3	3	3	4	MED TALL

Reference full legend at back of guide

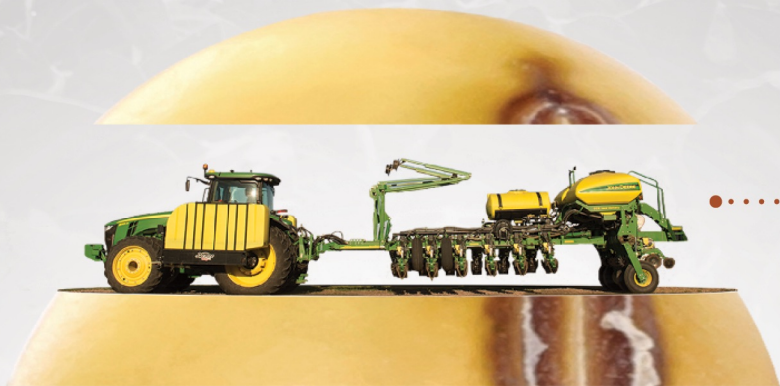
RATING SCALE
 1 Excellent
 9 Poor
 - Not Available

	EAR PLACEMENT	STAYGREEN	HARVEST APPEARANCE	DRYDOWN	TEST WEIGHT	ANTHRACNOSE LEAF BLIGHT	GRAY LEAF SPOT	SOUTHERN RUST	ANTHRACNOSE STALK ROT	GOSS'S WILT	EYE SPOT	NORTHERN CORN LEAF BLIGHT	SOUTHERN CORN LEAF BLIGHT	STEWART'S WILT LEAF BLIGHT	CORN LETHAL NECROSIS	COMMON RUST	GROWTH REGULATORS SENSITIVITY	SULFONYLUREA SENSITIVITY	ISOXAZOLES SENSITIVITY - PREEMERGENCE
	GROWTH	HARVEST				DISEASE RATINGS											HERBICIDE		
DKC67-44 BRAND	MEDIUM	3	2	3	1	-	5	5	6	5	-	3	3	-	-	-	A	A	A
NEW DKC68-35 BRAND	MEDIUM	3	2	4	1	-	4	5	2	5	-	3	3	-	-	4	A	A	A
DKC68-67 BRAND	MED HIGH	2	2	4	2	-	4	4	4	6	-	3	3	-	-	-	A	A	A
DKC68-69 BRAND	MED HIGH	2	2	4	2	-	4	4	4	6	-	3	3	-	-	-	A	A	A
DKC68-95 BRAND	MEDIUM	3	3	4	3	-	3	3	3	6	-	4	3	-	-	-	A	A	A
DKC69-16 BRAND	MEDIUM	2	3	3	2	-	5	6	5	4	-	3	3	-	-	-	A	A	A
DKC69-99 BRAND	MED HIGH	2	2	3	1	-	5	4	4	5	-	3	3	-	-	-	A	A	A
DKC70-27 BRAND	MED HIGH	2	1	4	2	-	4	4	4	4	-	2	4	-	-	-	A	A	A
NEW DKC70-45 BRAND	MEDIUM	2	1	2	2	-	4	3	4	5	-	2	2	-	-	-	A	A	A



ASGROW® LEADS THE WAY

Stay out in front with Asgrow® brand soybeans. Featuring 100% exclusive genetics and leading agronomic expertise to help maximize profitability on every acre. See how much further you can grow when Asgrow leads the way.



EXCLUSIVE GENETICS

Asgrow brand's success is the product of decades of breeding innovations available in our 100% exclusive genetics.



FLEXIBILITY + CONFIDENCE

Drive profitability and manage tough-to-control weeds with the combined performance of Asgrow brand soybeans, XtendFlex® Technology and XtendiMax® herbicide.



EARN REWARDS

Perform like a champion. Get rewarded like one, too. Asgrow brand is an exclusive seed qualifier of the Bayer PLUS Rewards program, offering you rewards on 70+ eligible products.



CONSISTENT PERFORMANCE

Asgrow brand provides leading performance, tools and agronomic expertise — all delivered through your retail partners — to deliver maximum ROI.



LOCAL AGRONOMIC RATINGS

Recommendations by your local agronomist.

NEW New Product*

ASGROW® SOYBEAN BRANDS	RELATIVE MATURITY	PRODUCTIVE SOILS	SANDY SOILS/ THIN CLAYS	NARROW ROW PLANTING	WIDE ROW PLANTING	CANOPY	GROWTH HABIT	FLOWER COLOR	PUBESCENCE COLOR	POD WALL COLOR	PLANT HEIGHT CATEGORY	EMERGENCE	STANDABILITY	NO-TILL ADAPTABILITY	CHLORIDE SENSITIVITY	SOYBEAN CYST NEMATODE	PRR RESISTANCE
AG38XF1 BRAND	3.8	★	+	★	+	MB	I	PURPLE	G	BR	MT	1	2	1	INC	R3	RPS1C
AG41XF2 BRAND	4.1	★	+	★	+	MB	I	PURPLE	G	BR	MT	1	3	1	EXC	R3	RPS1C
AG43XF2 BRAND	4.3	★	+	★	+	MB	I	WHITE	LT	TN	MT	2	3	2	INC	R3	RPS1A
AG45XF0 BRAND	4.5	★	+	+	★	MB	I	PURPLE	LT	BR	MT	2	5	2	INC	R3	RPS1A
NEW AG45XF3 BRAND	4.5	★	★	+	★	MB	I	PURPLE	LT	TN	MT	2	3	1	INC	R3	RPS1C
NEW AG47XF3 BRAND	4.7	★	+	★	+	M	I	WHITE	LT	BR	T	2	3	1	INC	R3	RPS1A
AG48XF2 BRAND	4.8	★	+	★	+	MB	I	PURPLE	T	BR	MT	2	4	2	EXC	R3	RPS1A
NEW AG48XF3 BRAND	4.7	★	★	★	+	MB	I	PURPLE	LT	TN	MT	1	2	1	EXC	R3	RPS1C
NEW AG49XF3 BRAND	4.9	★	+	★	+	MB	I	PURPLE	LT	BR	T	2	3	1	INC	R3	RPS1C
AG53XF2 BRAND	5.3	★	★	★	+	MB	I	PURPLE	LT	TN	T	2	3	1	INC	R3	RPS1A
AG54XF0 BRAND	5.4	★	★	+	★	MB	I	PURPLE	LT	TN	MT	2	4	2	INC	S	SUSC.

Reference full legend at back of guide

- 1 Excellent
- 9 Poor
- Not Available
- ★ Highly Recommended
- + Recommended in Most Situations
- ◇ Use with Appropriate Management
- ⊘ Not Recommended
- N/A Not Applicable

	PRR FIELD TOLERANCE	SUDDEN DEATH SYNDROME	FROGEYE LEAF SPOT	SOUTHERN STEM CANKER	SOUTHERN ROOT KNOT (M. INCOGNITA)	COMMENTS
AG38XF1 BRAND	5	5	3	2	-	Average height plant that stands well. Resistance to soybean cyst nematode.
AG41XF2 BRAND	4	4	4	3	-	Average height plant with strong emergence and good standability Resistance to SCN Very good field tolerance to Phytophthora rot Tolerance to sudden death syndrome and southern stem canker.
AG43XF2 BRAND	4	4	-	3	-	Medium tall plant with good standability SCN resistance Very good tolerance to Phytophthora rot Tolerance to southern stem canker and sudden death syndrome.
AG45XF0 BRAND	4	6	3	3	S	Medium tall to tall plant with medium bushy canopy. SCN resistance. Very good field tolerance to Phytophthora root rot. XtendFlex® soybean with SR® trait stack. Tolerance to southern stem canker and frogeye leaf spot.
NEW AG45XF3 BRAND	5	4	6	2	S	XtendFlex® soybean stacked with the SR® trait. Medium-tall plant with good standability. Resistance to soybean cyst nematode. Good Phytophthora protection from gene resistance and field tolerance. Tolerance to sudden death syndrome and southern stem canker.
NEW AG47XF3 BRAND	4	4	4	3	S	SR® trait stack. Tall plant type that stands well. Resistance to soybean cyst nematode. Very good field tolerance to Phytophthora root rot. Tolerance to SDS, southern stem canker, and frogeye leaf spot.
AG48XF2 BRAND	4	5	5	3	S	Medium tall plant with average standability Resistance to SCN Tolerance to southern stem canker Chloride excluder trait for tolerance to accumulated salts.
NEW AG48XF3 BRAND	5	4	5	2	S	SR® trait for tolerance to certain sulfonylurea herbicides. Medium-tall plant with very good standability. SCN and Phytophthora root rot resistance Tolerance to SDS and southern stem canker. Chloride excluder.
NEW AG49XF3 BRAND	5	4	5	2	S	Medium-tall to tall plant with good standability. Resistance to soybean cyst nematode. Phytophthora root rot protection from gene resistance and field tolerance. Tolerance to sudden death syndrome and southern stem canker.
AG53XF2 BRAND	5	4	4	3	S	Tall plant with good standability Resistance to soybean cyst nematode Very good field tolerance to Phytophthora rot Tolerance to southern stem canker and sudden death syndrome.
AG54XF0 BRAND	4	4	6	3	MR-MS	Medium tall indeterminate plant with good canopy coverage. Very good Phytophthora root rot field tolerance.



LOCAL AGRONOMIC RATINGS

Recommendations by your local agronomist.

NEW New Product*

ASGROW® SOYBEAN BRANDS		PRODUCTIVE SOILS	SANDY SOILS/ THIN CLAYS	NARROW ROW PLANTING	WIDE ROW PLANTING	CANOPY	GROWTH HABIT	FLOWER COLOR	PUBESCENCE COLOR	POD WALL COLOR	PLANT HEIGHT CATEGORY	EMERGENCE	STANDABILITY	NO-TILL ADAPTABILITY	CHLORIDE SENSITIVITY	SOYBEAN CYST NEMATODE	PRR RESISTANCE
	RELATIVE MATURITY																
AG56XF2 BRAND	5.6	★	★	★	★	B	D	WHITE	T	TN	MT	2	3	2	EXC	R1, R3	SUSC.
AG57XF1 BRAND	5.7	◇	★	★	+	MB	I	WHITE	T	TN	T	1	5	2	EXC	S	SUSC.
AG59XF0 BRAND	5.9	★	+	★	★	B	D	PURPLE	T	BR	M	2	2	2	INC	S	SUSC.
AG66XF2 BRAND	6.6	★	★	★	★	B	D	PURPLE	LT	TN	MT	1	3	2	INC	S	SUSC.
AG69XF0 BRAND	6.9	★	★	★	★	B	D	WHITE	T	BR	MT	2	3	2	INC	R3	SUSC.
AG71XF2 BRAND	7.1	★	★	★	★	B	D	PURPLE	T	BR	MT	1	3	1	INC	S	SUSC.
AG72XF0 BRAND	7.2	★	★	★	★	B	D	WHITE	T	BR	MT	1	3	2	EXC	S	SUSC.

Reference full legend at back of guide

- 1 Excellent
- 9 Poor
- Not Available
- ★ Highly Recommended
- + Recommended in Most Situations
- ◇ Use with Appropriate Management
- ⊘ Not Recommended
- N/A Not Applicable

	PRR FIELD TOLERANCE	SUDDEN DEATH SYNDROME	FROGEYE LEAF SPOT	SOUTHERN STEM CANKER	SOUTHERN ROOT KNOT (M. INCOGNITA)	COMMENTS
AG56XF2 BRAND	5	4	3	4	R	Medium tall plant with good standability and SCN resistance. Resistance to southern root knot nematode. Tolerance to southern stem canker and frogeye leaf spot. Chloride excluder.
AG57XF1 BRAND	4	6	5	4	R	Tall plant with good growth on tougher soils. Tolerance to southern stem canker.
AG59XF0 BRAND	6	6	5	5	R	Medium height, bushy, determinate plant. Good emergence and standability.
AG66XF2 BRAND	5	-	4	3	R	Medium tall plant with good standability and strong emergence Southern root knot nematode resistance Very good tolerance to southern stem canker Tolerance to frogeye leaf spot.
AG69XF0 BRAND	5	-	3	4	R	Medium tall determinate plant with average standability. Resistance to southern root knot nematode. Very good tolerance to Frogeye Leaf Spot
AG71XF2 BRAND	3	-	4	3	R	Average height plant with good emergence and standability Resistance to southern root knot nematode Tolerance to southern stem canker Frogeye leaf spot protection.
AG72XF0 BRAND	5	-	3	5	R	Medium tall plant with a bushy canopy. Resistance to southern root knot nematode. Very good tolerance to Frogeye Leaf Spot.



NATIONAL AGRONOMIC RATINGS

A comprehensive list of each product's characteristics.

ASGROW® SOYBEAN BRANDS		VALUE-ADDED TRAIT	RELATIVE MATURITY	CANOPY	GROWTH HABIT	FLOWER COLOR	PUBESCENCE COLOR	HILUM COLOR	POD WALL COLOR	PLANT HEIGHT CATEGORY	PROTEIN CONTENT	OIL CONTENT	EMERGENCE	STANDABILITY
ASGROW® SOYBEAN BRANDS		VALUE-ADDED TRAIT	PLANT DESCRIPTION									PRODUCTION		
NEW	New Product*													
AG38XF1 BRAND	XF	3.8	MB	I	PURPLE	G	IB	BR	MT	-	-	1	2	
AG41XF2 BRAND	XF	4.1	MB	I	PURPLE	G	IB	BR	MT	-	-	1	3	
AG43XF2 BRAND	XF	4.3	MB	I	WHITE	LT	BL	TN	MT	-	-	2	3	
AG45XF0 BRAND	XF/SR	4.5	MB	I	PURPLE	LT	BL	BR	MT	-	-	2	5	
NEW AG45XF3 BRAND	XF/SR	4.5	MB	I	PURPLE	LT	BL	TN	MT	-	-	2	3	
NEW AG47XF3 BRAND	XF/SR	4.7	M	I	WHITE	LT	BL	BR	T	-	-	2	3	
AG48XF2 BRAND	XF	4.8	MB	I	PURPLE	T	BL	BR	MT	-	-	2	4	
NEW AG48XF3 BRAND	XF/SR	4.7	MB	I	PURPLE	LT	BL	TN	MT	-	-	1	2	
NEW AG49XF3 BRAND	XF	4.9	MB	I	PURPLE	LT	BL	BR	T	-	-	2	3	
AG53XF2 BRAND	XF	5.3	MB	I	PURPLE	LT	BL	TN	T	-	-	2	3	
AG54XF0 BRAND	XF/SR	5.4	MB	I	PURPLE	LT	BL	TN	MT	-	-	2	4	

Reference full legend at back of guide

RATING SCALE
 1 Excellent
 9 Poor
 - Not Available

	NO-TILL ADAPTABILITY	IRON CHLOROSIS	CHLORIDE SENSITIVITY	SOYBEAN CYST NEMATODE	PRR RESISTANCE	PRR FIELD TOLERANCE	WHITE MOLD	BROWN STEM ROT	SUDDEN DEATH SYNDROME	FROGEYE LEAF SPOT	SOUTHERN STEM CANKER	SOUTHERN ROOT KNOT (M. INCOGNITA)
	PRODUCTION		SENSITIVITY	DISEASE RATINGS								
AG38XF1 BRAND	1	5	INC	R3	RPS1C	5	5	-	5	3	2	-
AG41XF2 BRAND	1	6	EXC	R3	RPS1C	4	-	-	4	4	3	-
AG43XF2 BRAND	2	6	INC	R3	RPS1A	4	-	-	4	-	3	-
AG45XF0 BRAND	2	-	INC	R3	RPS1A	4	-	-	6	3	3	S
NEW AG45XF3 BRAND	1	5	INC	R3	RPS1C	5	-	-	4	6	2	S
NEW AG47XF3 BRAND	1	4	INC	R3	RPS1A	4	-	-	4	4	3	S
AG48XF2 BRAND	2	6	EXC	R3	RPS1A	4	-	-	5	5	3	S
NEW AG48XF3 BRAND	1	5	EXC	R3	RPS1C	5	-	-	4	5	2	S
NEW AG49XF3 BRAND	1	6	INC	R3	RPS1C	5	-	-	4	5	2	S
AG53XF2 BRAND	1	-	INC	R3	RPS1A	5	-	-	4	4	3	S
AG54XF0 BRAND	2	-	INC	S	SUSC.	4	-	-	4	6	3	MR-MS



NATIONAL AGRONOMIC RATINGS

A comprehensive list of each product's characteristics.

ASGROW® SOYBEAN BRANDS		VALUE-ADDED TRAIT	RELATIVE MATURITY	CANOPY	GROWTH HABIT	FLOWER COLOR	PUBESCENCE COLOR	HILUM COLOR	POD WALL COLOR	PLANT HEIGHT CATEGORY	PROTEIN CONTENT	OIL CONTENT	EMERGENCE	STANDABILITY
ASGROW® SOYBEAN BRANDS		VALUE-ADDED TRAIT	PLANT DESCRIPTION									PRODUCTION		
AG56XF2 BRAND	XF	5.6	B	D	WHITE	T	BL	TN	MT	-	-	2	3	
AG57XF1 BRAND	XF/SR	5.7	MB	I	WHITE	T	BL	TN	T	-	-	1	5	
AG59XF0 BRAND	XF/SR	5.9	B	D	PURPLE	T	BL	BR	M	-	-	2	2	
AG66XF2 BRAND	XF	6.6	B	D	PURPLE	LT	BL	TN	MT	-	-	1	3	
AG69XF0 BRAND	XF	6.9	B	D	WHITE	T	BL	BR	MT	-	-	2	3	
AG71XF2 BRAND	XF	7.1	B	D	PURPLE	T	BL	BR	MT	-	-	1	3	
AG72XF0 BRAND	XF	7.2	B	D	WHITE	T	BL	BR	MT	-	-	1	3	

Reference full legend at back of guide

RATING SCALE
 1 Excellent
 9 Poor
 - Not Available

	NO-TILL ADAPTABILITY	IRON CHLOROSIS	CHLORIDE SENSITIVITY	SOYBEAN CYST NEMATODE	PRR RESISTANCE	PRR FIELD TOLERANCE	WHITE MOLD	BROWN STEM ROT	SUDDEN DEATH SYNDROME	FROGEYE LEAF SPOT	SOUTHERN STEM CANKER	SOUTHERN ROOT KNOT (M. INCOGNITA)
	PRODUCTION	SENSITIVITY		DISEASE RATINGS								
AG56XF2 BRAND	2	-	EXC	R1, R3	SUSC.	5	-	-	4	3	4	R
AG57XF1 BRAND	2	-	EXC	S	SUSC.	4	-	-	6	5	4	R
AG59XF0 BRAND	2	-	INC	S	SUSC.	6	-	-	6	5	5	R
AG66XF2 BRAND	2	-	INC	S	SUSC.	5	-	-	-	4	3	R
AG69XF0 BRAND	2	-	INC	R3	SUSC.	5	-	-	-	3	4	R
AG71XF2 BRAND	1	-	INC	S	SUSC.	3	-	-	-	4	3	R
AG72XF0 BRAND	2	-	EXC	S	SUSC.	5	-	-	-	3	5	R



STRONG COTTON

Improve your yield potential with Deltapine[®] brand cotton. Featuring varieties thoroughly tested and evaluated by growers in the Deltapine New Product Evaluator Program. Strong is a legacy all its own. Protect yours with the proven performance of Deltapine.



..... **ELITE GENETICS**

Offering growers consistent high-end performance season after season for more than 100 years.

..... **TRAIT TECHNOLOGY INNOVATIONS**



For 25 years, the Deltapine brand has been the industry choice to commercialize trait technology innovations that help improve profitability for cotton growers.

..... **NEW PRODUCT EVALUATOR PROGRAM**



More than 200 growers across the Cotton Belt evaluate Deltapine variety candidates on large-acre plots in their own growing conditions to help raise the bar on performance.

..... **BAYER PLUS REWARDS**



Perform like a champion. Get rewarded like one, too. Deltapine brand is an exclusive seed qualifier of the Bayer PLUS Rewards program, offering you rewards on 70+ eligible products.



LOCAL AGRONOMIC RATINGS

Recommendations by your local agronomist.

 Deltapine Select™ Product

NEW New Product*

		SANDY SOILS	BLACKLANDS/TIDEWATER	PRODUCTIVE SOILS	DRYLAND	IRRIGATED	SEED SIZE	PLANT HEIGHT	NFFB	# FRT NODES	LEAF TYPE	STORM RESISTANCE	LINT %	STAPLE	MICRONAIRE	STRENGTH	
DELTA PINE® COTTON VARIETY	MATURITY																
DP 2012 B3XF	EARLY	+	★	★	★	★	4700 - 5900	MED-TALL	6.6	10	SMOOTH	4	40.6	38.3	4.3	30.6	
DP 2020 B3XF	EARLY MID	★	★	★	★	+	4850 - 6275	MED-TALL	6.5	10	SEMI-SMOOTH	4	40.1	38.8	4.3	30.9	
DP 2038 B3XF	MID	★	★	★	★	★	5500 - 6570	TALL	6.2	11.1	SMOOTH	5.5	44.4	36.1	4.5	29.8	
DP 2055 B3XF	FULL	★	+	+	★	+	6000 - 7200	TALL	6.3	11.3	SMOOTH	5	42.2	39.5	4.5	30.7	
DP 2115 B3XF	EARLY	+	★	★	★	★	5680	MED	6.3	9.5	SEMI SMOOTH	4	44.2	37.5	4.55	30.6	
DP 2127 B3XF	EARLY-MID	+	★	★	★	★	4700	MED-TALL	6.6	10	SMOOTH	7	43.2	36.8	4.7	30.4	
DP 2141NR B3XF	MID-FULL	★	+	+	★	◇	5700	MED-TALL	7	12	SEMI SMOOTH	5	42.8	38	4.71	32.8	
NEW DP 2239 B3XF	MID	+	★	★	★	★	5650	MED	7.1	9.4	SMOOTH	4.5	42.5	38.4	4.4	30	

Reference full legend at back of guide

- 1 Excellent
- 9 Poor
- Not Available
- ★ Highly Recommended
- + Recommended in Most Situations
- ◇ Use with Appropriate Management
- ⊘ Not Recommended
- N/A Not Applicable

	LENGTH UNIF.	BACTERIAL BLIGHT	VERTICILLIUM	FUSARIUM	
					COMMENTS
DP 2012 B3XF	83.2	RES.	MOD. TOL.	MOD RES	Early maturing line with yield potential similar to DP 1646 B2XF Brand.
DP 2020 B3XF	83.4	RES.	MOD. TOL.	MOD RES	Early-Mid maturity with high yield potential. Semi-Smooth Leaf.
DP 2038 B3XF	82.2	RES.	MOD. SUSC.	MOD RES	Excellent yield potential with average agronomic package. Broadly Adapted.
DP 2055 B3XF	82.9	SUSC.	MOD. SUSC.	MOD RES	Full Season maturity.
DP 2115 B3XF	83.4	SUSC	MOD SUSC	-	Compact plant type with early maturity. Semi-smooth leaf. Excellent yield potential in the Upper Southeast and very good storm tolerance ratings.
DP 2127 B3XF	83.9	SUSC	MOD SUSC	MODERATE	Smooth leaf pubescence Open Canopy Medium to Tall plant type may require timely plant growth regulator applications prior to bloom Broadly adapted; responsive to high yield environments Timely harvest aid applications to optimize fiber quality (micronaire).
DP 2141NR B3XF	83.1	SUSC	MOD TOL	RES	Semi-smooth leaf with good Root Knot/Reniform nematode resistance. Excellent fiber strength.
NEW DP 2239 B3XF	83.5	SUSC	MOD SUSC	MODERATE	Mid-maturity, medium plant height with smooth leaf. Product has shown to be responsive to Plant Growth Regulators (PGRs). Broadly adapted across the Southeast.



NATIONAL AGRONOMIC RATINGS

A comprehensive list of each product's characteristics.

 Deltapine Select™ Product

NEW New Product*

DELTAPINE® COTTON VARIETY		SEED SIZE	PLANT HEIGHT	NFFB	# FRT NODES	LEAF TYPE	STORM RESISTANCE
RELATIVE MATURITY		GROWTH					
DP 2012 B3XF	EARLY	4700 - 5900	MED-TALL	6.6	10	SMOOTH	4
DP 2020 B3XF	EARLY MID	4850 - 6275	MED-TALL	6.5	10	SEMI-SMOOTH	4
DP 2038 B3XF	MID	5500 - 6570	TALL	6.2	11.1	SMOOTH	5.5
DP 2055 B3XF	FULL	6000 - 7200	TALL	6.3	11.3	SMOOTH	5
DP 2115 B3XF	EARLY	5680	MED	6.3	9.5	SEMI SMOOTH	4
DP 2127 B3XF	EARLY-MID	4700	MED-TALL	6.6	10	SMOOTH	7
DP 2141NR B3XF	MID-FULL	5700	MED-TALL	7	12	SEMI SMOOTH	5
NEW DP 2239 B3XF	MID	5650	MED	7.1	9.4	SMOOTH	4.5

Reference full
legend at back
of guide

RATING SCALE
1 Excellent
9 Poor
- Not Available

	LINT %	STAPLE	MICRONAIRE	STRENGTH	LENGTH UNIF.	BACTERIAL BLIGHT	VERTICILLIUM	FUSARIUM
	FIBER QUALITY					DISEASE / INSECT RATINGS		
DP 2012 B3XF	40.6	38.3	4.3	30.6	83.2	RES.	MOD. TOL.	MOD RES
DP 2020 B3XF	40.1	38.8	4.3	30.9	83.4	RES.	MOD. TOL.	MOD RES
DP 2038 B3XF	44.4	36.1	4.5	29.8	82.2	RES.	MOD. SUSC.	MOD RES
DP 2055 B3XF	42.2	39.5	4.5	30.7	82.9	SUSC.	MOD. SUSC.	MOD RES
DP 2115 B3XF	44.2	37.5	4.55	30.6	83.4	SUSC	MOD SUSC	-
DP 2127 B3XF	43.2	36.8	4.7	30.4	83.9	SUSC	MOD SUSC	MODERATE
DP 2141NR B3XF	42.8	38	4.71	32.8	83.1	SUSC	MOD TOL	RES
NEW DP 2239 B3XF	42.5	38.4	4.4	30	83.5	SUSC	MOD SUSC	MODERATE



CORN LEGEND

Rating Scale

1 = Excellent | 9 = Poor | - = None

These ratings are approximate and should not be considered as absolute. Based on Bayer-conducted trials relative to other DEKALB® brand corn.

Codes

L	Low
S	Short
M-S	Medium - Short
M	Medium
M-MH	Medium - Medium High
M-H	Medium - High
M-L	Medium - Low
M-T	Medium - Tall
MH-H	Medium High - High
T	Tall
H	High

Value-Added Traits

CONV	Conventional
RR2	Roundup Ready® 2
SS	SmartStax®
SSRIB	SmartStax® RIB Complete®
SSP	SmartStax® PRO®
SSPRIB	SmartStax® PRO® RIB Complete®
TRECEPTA	Trecepta®
TRERIB	Trecepta® RIB Complete®
VT2P	VT Double PRO®
VT2PRIB	VT Double PRO® RIB Complete®
VT3P	VT Triple PRO®
VT3PRIB	VT Triple PRO® RIB Complete®
DGVT2P	DroughtGard® Hybrids with VT Double PRO®
DGVT2PRIB	DroughtGard® Hybrids with VT Double PRO® RIB Complete®
WX	Waxy
W	White

White Corn

The following products are White corn products made available through DEKALB® brand.

CURRENT PRODUCT NAME	PREVIOUS PRODUCT NAME
K 112-01WT	DKC62-00
K 112-01WTRIB	DKC62-00RIB
K 113-01WT	DKC63-00
K 113-01WTRIB	DKC63-00RIB
K 114-01WT	DKC64-00
K 114-01WTRIB	DKC64-00RIB

Herbicide Tolerance

Ratings are based on observations and research using herbicides at labeled and above labeled rates to simulate extreme environmental conditions, misapplication and adverse soil pH or organic content.

A	Acceptable
Either no adverse effects from the corn product/herbicide combination were noted on any traits or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates.	
C	Caution
The corn product/herbicide combination is usually not a problem if sprayed according to label directions, but can result in plant height reductions, stand loss and suspected yield loss under very adverse environmental conditions, high rates or extreme soil pH levels or organic content. Use drop nozzle spraying for postemergence herbicides to avoid interactions.	
W	Warning
Not advised — this corn product/herbicide combination should not be used under any circumstances.	

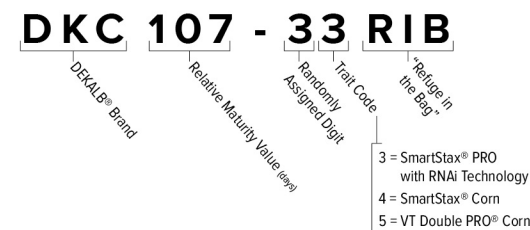
GDU (Growing Degree Unit)

Although maturity of one corn product relative to another remains reasonably constant, the actual number of calendar days from planting to any given point of plant development varies with temperature, day length, rate and date of planting, soil fertility and other environmental factors. All GDU values calculated are from the time of planting.

New (MY23) Product Naming System

New product names have been updated to reflect their most important characteristics.

For example:



Products developed before MY23 will continue to use their original names. All new products will adopt the current naming convention.



SOYBEAN LEGEND

Rating Scale

1 = Excellent | 9 = Poor | - = None

A rating of "1" in standability is a soybean product with excellent standability. A rating of "1" in brown stem rot is a product with excellent tolerance to brown stem rot. For white mold and Phytophthora field tolerance, see specific rating scales on this page.

Soybean Cyst Nematode

R	Resistant
MR	Moderately Resistant
MR/MS	Moderately Resistant to Moderately Susceptible
S	Susceptible
#	Race 1, 3, 5, 9 or 14

A recent publication suggests that soybean cyst nematode populations should be described by a different method called HG type, instead of races. The Race 3 population used in our evaluations would be equivalent to "HG Type 0," and the Race 14 population would be equivalent to "HG Type 1.3" under the direction of the paper.

Phytophthora Gene-Specific Resistance

Susc. Susceptible

Rps 1a denotes resistance to Races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32 & 36.

Rps 1c denotes resistance to Races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34 & 36.

Rps 1k denotes resistance to Races 1-11, 13-15, 17, 18, 21-24, 26, 36 & 37.

Rps2 denotes resistance to Races 1-5, 9-29, 33, 34 & 36-39.

Rps3a denotes resistance to Races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, & 31-35.

Rps6 denotes resistance to Races 1-4, 10, 12, 14-16, 18-21 & 25.

Rps7 denotes resistance to Races 2, 12, 16, 18, 19, 33, 35 & 36.

Herbicide-Tolerant Traits

CONV	Conventional
RR2Y	Roundup Ready 2 Yield®
RR2X	Roundup Ready 2 Xtend®
SR	Sulfonylurea Ready (tolerance to sulfonylurea-based herbicides)
XF	XtendFlex®

Phytophthora Field Tolerance

Phytophthora field tolerance is a form of partial genetic resistance whereby the plant can maintain some level of productivity while infected with the pathogen. Phytophthora field tolerance scores represent relative responses to the following races of Phytophthora sojae.

Reaction to Phytophthora sojae Race 25 for products with Rps 1a, Rps 1c, Rps 1k and Rps7.

Reaction to Phytophthora sojae Race 17 and/or Race 30 for products with Rps2, Rps3a and Rps6.

Phytophthora field tolerance scores indicate the following levels of tolerance:

< 4	Very Good	6	Average
4	Good	7	Below Average
5	Above Average	> 7	Poor

White Mold

White mold, caused by Sclerotinia sclerotiorum, is a soybean disease for which there is currently no known form of complete genetic resistance. Scores represent relative levels of tolerance to the disease, as outlined below.

< 4	Very Good	6	Average
4	Good	7	Below Average
5	Above Average	> 7	Poor

Southern Root Knot

R	Resistant	MS	Moderately Susceptible
MR	Moderately Resistant	S	Susceptible

Chloride Sensitivity

Inc.	Includer	Exc.	Excluder
------	----------	------	----------

Excluder products have increased tolerance to elevated soil chloride levels compared to includers. Excluder products partition chloride in the root systems and reduce the amount transported to more sensitive above-ground tissue.

Plant Height

S	Short
MS	Medium-Short
M	Medium
MT	Medium-Tall
T	Tall

Growth Habit

D	Determinate
I	Indeterminate

Plant Type

M	Medium
MB	Medium-Bushy
B	Bushy

Flower Color

P	Purple
W	White

Pubescence Color

G	Gray
T	Tawny
LT	Light-Tawny

Hilum Color

BL	Black
G	Gray
IB	Imperfect Black
BR	Brown
BF	Buff

Pod Wall Color

BR	Brown
TN	Tan



COTTON LEGEND

Rating Scale

The first two numbers in our cotton naming system signify the year of the commercialization, and the second two numbers indicate maturity based on the following scale:

- 10-19 Early
- 20-29 Early-mid
- 30-39 Mid
- 40-49 Mid-full
- 50-59 Full



Storm Resistance

- 1 Tight, stripper-like boll
- 9 Loose boll

Disease Ratings

- 1 Excellent
- 9 Poor
- Not Available

Mid-South/Southeast Region

Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Missouri, North Carolina, Tennessee, Virginia

This material may contain “forward-looking statements” based on current assumptions and forecasts made by Bayer management. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. These factors include those discussed in Bayer’s public reports which are available on the Bayer website at <http://www.bayer.com/>. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

***Commercialization is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell, or a recommendation to use, any unregistered pesticide for any purpose whatsoever. It is a violation of federal law to promote or offer to sell an unregistered pesticide.**

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

SmartStax® PRO corn products will be commercially available for the 2022 growing season.

ThryvOn™ Technology has received full approval for planting in the United States but, as of the date this material was published, is pending approval in certain export markets. Specific plans for commercialization depend upon regulatory approvals and other factors.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product

other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

FOR CORN, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: **BASIC plus Poncho®/VOTIVO®** Offering for corn: metalaxyl, prothioconazole, fluoxastrobin, clothianidin, Bacillus firmus I-1582. **ELITE plus Poncho®/VOTIVO®** Offering for corn: metalaxyl, ethaboxam, clothianidin, and Bacillus firmus I-1582; prothioconazole and fluoxastrobin at rates that suppress additional diseases. **BASIC** Offering for corn: metalaxyl, prothioconazole, fluoxastrobin, ethaboxam, and clothianidin. **ELITE** Offering for corn: metalaxyl, ethaboxam, and clothianidin; and prothioconazole and fluoxastrobin at rates that suppress additional diseases. **BioRise® Corn Offering** is the on-seed application of BioRise® 360 ST. BioRise® Corn Offering is included seamlessly across offerings on all class of 2017 and newer products.

FOR COTTON, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: **BASIC** Offering: metalaxyl, fluxapyroxad, myclobutanol, and pyraclostrobin. **STANDARD** Offering: metalaxyl, fluxapyroxad, pyraclostrobin, myclobutanol and imidacloprid. **ELITE plus Poncho®/VOTIVO®** Offering: metalaxyl, fluxapyroxad, pyraclostrobin, myclobutanol, imidacloprid, clothianidin and Bacillus Firmus I-1582.

FOR SOYBEANS, EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products containing the active ingredients: **BASIC** Offering: metalaxyl, fluxapyroxad, and pyraclostrobin. **STANDARD** Offering: metalaxyl, fluxapyroxad, pyraclostrobin, and imidacloprid.

The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Not all products are approved in all states.

Bt products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. **See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.**

Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. **Roundup Ready® 2 Technology** contains genes that confer tolerance to glyphosate. **Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to dicamba, glufosinate, and glyphosate. Dicamba** will kill crops that are not tolerant to dicamba. **Glufosinate** will kill crops that are not tolerant to glufosinate. **Glyphosate** will kill crops that are not tolerant to glyphosate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-844-RRXTEND for recommended Roundup Ready® Xtend Crop System weed control programs.

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