

2023

SEED GUIDE

CAROLINAS



2023 NE NORTH CAROLINA AND SE VIRGINIA



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

**GAIN LOCAL INSIGHTS AND INFORMATION RELEVANT TO YOUR
LOCATION, CROPS AND SEASON ALL YEAR LONG.**



Our online tools are here to help you select the best seed products for your field, find your local teams, examine yield results near you and sign up for timely agronomic alerts.

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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
DKC62-05 BRAND	RR2		112	28-30 ◇	30-32 ★	32-36 ★	⊘	1365	2800	3	3	3	3	6	MEDIUM	MEDIUM	3	2
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
DKC63-91 BRAND	VT2P		113	26-28 ◇	28-32 ★	34-38 ★	⊘	1325	2825	3	4	4	3	3	MEDIUM	MEDIUM	3	5
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	25-27 ★	26-28 +	28-30 ◇	⊘	1335	2845	2	4	3	1	3	MED TALL	MEDIUM	2	2
DKC64-65 BRAND	VT2P		114	26-28 ◇	28-32 ★	34-38 ★	⊘	1345	2835	2	2	3	3	3	MEDIUM	MEDIUM	3	4
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

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. .
DKC62-05 BRAND	6	5	5	4	2	W	Offensive product with exceptional yield potential. Has shown very good stalk and root strength. Very good drought tolerance. Avoid using Sulfonylurea herbicides.
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.
DKC63-91 BRAND	5	6	4	3	2	A	Can stand well late into the season due to strong stalks and roots. Has shown very good greensnap tolerance. May benefit from a foliar fungicide in areas where Southern Rust is a concern.
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.
DKC64-65 BRAND	4	6	4	3	3	A	Broadly adapted through the 110 and 115 RM zone. Has shown very good emergence and early season vigor. Best positioned on medium to high yield environments. Has shown very good greensnap tolerance and very good stalk and root strength .
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.



LOCAL AGRONOMIC RATINGS

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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
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
DKC66-18 BRAND	VT2P		116	26-28 ◇	28-32 ★	32-38 ★	⊘	1380	2900	3	2	3	3	4	MEDIUM	MED HIGH	4	2
DKC67-44 BRAND	VT2P		117	26-30 ★	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
DKC68-69 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

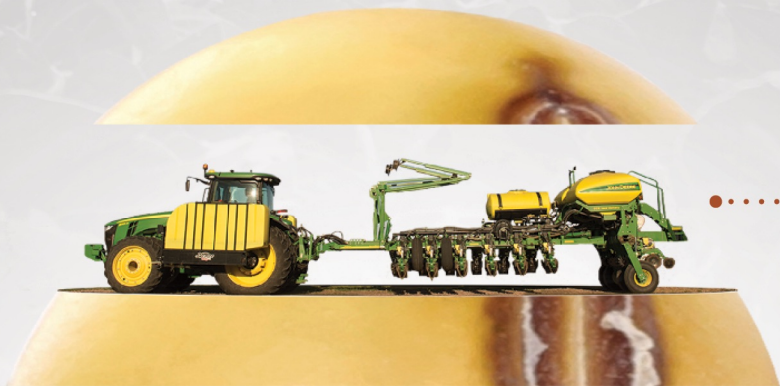
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	GRAY LEAF SPOT	SOUTHERN RUST	ANTHRACNOSE STALK ROT	NORTHERN CORN LEAF BLIGHT	SOUTHERN CORN LEAF BLIGHT	SULFONYLUREA SENSITIVITY	COMMENTS
DKC65-99 BRAND	5	2	4	3	4	A	Broadly adapted across soil types. Has shown very good grain quality.
NEW DKC66-06 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.
DKC66-18 BRAND	4	5	5	3	3	A	Has shown good tolerance to Diplodia ear rot. Disease tolerance package should allow broad use. Plant at medium to medium high plant populations. Position on moderate to high producing soils to help maximize yield potential.
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.
DKC68-69 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.



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*

		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
ASGROW® SOYBEAN BRANDS	RELATIVE MATURITY																
AG38XF1 BRAND	3.8	★	+	★	+	MB	I	PURPLE	G	BR	MT	1	2	1	INC	R3	RPS1C
NEW AG39XF3 BRAND	3.9	★	+	★	+	MB	I	WHITE	LT	BR	MT	2	3	1	EXC	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
NEW AG45XF3 BRAND	4.5	★	★	+	★	MB	I	PURPLE	LT	TN	MT	2	3	1	INC	R3	RPS1C
AG46XF2 BRAND	4.6	★	+	★	★	MB	I	WHITE	LT	BR	MT	2	5	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

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- ⊘ 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. Excellent tolerance to southern stem canker.
NEW AG39XF3 BRAND	4	4	4	2	S	Average height plant with good emergence and canopy development. Resistance to soybean cyst nematode. Tolerance to SDS and southern stem canker. Chloride excluder.
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.
NEW AG45XF3 BRAND	5	4	6	2	S	XtendFlex® technology 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.
AG46XF2 BRAND	4	4	4	6	S	Average height plant with good canopy development SCN resistance Tolerance to sudden death syndrome and Phytophthora rot Avoid placement in fields at risk for southern stem canker development.
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 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 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 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.



LOCAL AGRONOMIC RATINGS

Recommendations by your local agronomist.

NEW New Product*

		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
ASGROW® SOYBEAN BRANDS	RELATIVE MATURITY																
AG54XF0 BRAND	5.4	★	★	+	★	MB	I	PURPLE	LT	TN	MT	2	4	2	INC	S	SUSC.
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.

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	PRR FIELD TOLERANCE	SUDDEN DEATH SYNDROME	FROGEYE LEAF SPOT	SOUTHERN STEM CANKER	SOUTHERN ROOT KNOT (M. INCOGNITA)	COMMENTS
AG54XF0 BRAND	4	4	6	3	MR-MS	Medium tall indeterminate plant with good canopy coverage Very good Phytophthora root rot field tolerance Good tolerance to sudden death syndrome Very good tolerance to southern stem canker.
AG56XF2 BRAND	5	4	3	4	R	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.
AG57XF1 BRAND	4	6	5	4	R	Tall plant with good growth on tougher soils Tolerance to southern stem canker Moderate tolerance to southern root knot nematode Good field tolerance to Phytophthora root rot.
AG59XF0 BRAND	6	6	5	5	R	Medium height, bushy, determinate plant Good emergence and standability Resistance to southern root knot nematode.
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 Tolerance to sudden death syndrome.
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.



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

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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 1646 B2XF	MID-FULL	★	★	★	★	★	5450 - 6250	MED-TALL	6.2	12.7	SMOOTH	5	41.7	39	4.5	29.9	
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	

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	LENGTH UNIF.	BACTERIAL BLIGHT	VERTICILLIUM	FUSARIUM	COMMENTS
DP 1646 B2XF 	83	MOD. RES.*	MOD. SUSC.	MS	Has shown strong performance across a range of environments, but best fiber length can be attained with limited stress. Outstanding combination of yield potential and fiber quality Potential fiber length up to 40 staple and typically holds relative staple advantage in stressed environments. Timely mepiquat allows to be managed for earlier maturity.
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.



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.

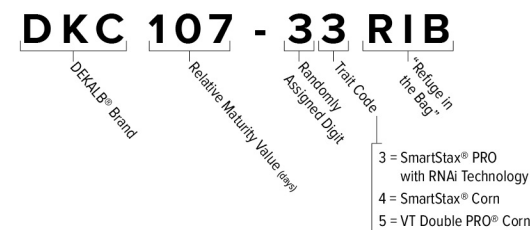
GDU (Growing Degree Unit)

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 Rps 7.

Reaction to Phytophthora sojae Race 17 and/or Race 30 for products with Rps 2, Rps 3a and Rps 6.

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
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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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