

Stoneville Variety Update

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The first and only

QUAD STACK



Axant™
Herbicide trait

Enables use of Alite™ 27 herbicide¹



XtendLink®

Enables use of Engenia® herbicide



LibertyLink®

Enables use of Liberty® herbicide



GlyTol®

Enables use of glyphosate herbicide

Four GM herbicide-resistant traits and three insect control traits introgressed into high-yielding genetics of select FiberMax® and Stoneville® cotton seed varieties potentially for the 2024 growing season¹.

¹Availability of cotton seed containing the Axant™ Flex technology for the 2024 growing season and beyond is subject to many factors, and such seed may not be available in all cotton-growing areas. Commercial sales of cotton seed containing the Axant™ Flex technology will be subject to contractual terms and conditions and stewardship obligations, which may include among other requirements restrictions on where the crop resulting from such seed may be sold, transferred and/or exported. Alite™ 27 herbicide (EPA Reg. No. 7969-433) is not registered for use on isoxaflutole-resistant cotton nor available for sale for such use. Information on using Alite 27 herbicide on isoxaflutole-resistant cotton is provided for educational purposes only and is not intended to promote the sale of this product. Any sale of Alite 27 herbicide after registration is obtained for use on isoxaflutole-resistant cotton shall be based solely on the EPA-approved product label, and any claims regarding product safety and efficacy shall be addressed solely by the label.

Alite 27 and Engenia herbicides are US EPA Restricted Use Pesticides.
Always read and follow label directions.

Internal

BASF
We create chemistry

Axant™ Flex

Herbicide Tolerance Technology

The Latest Innovation in Cotton Trait Technology

Sometimes the difference between a good year and a bad year comes down to one thing – weed pressure. And growers need choices.

To win against weeds, cotton growers need new solutions to combat resistance, preserve their family legacy and protect their fields, today and for generations to come. BASF has a legacy of bringing innovative solutions to growers, and our newest innovation – Axant™ Flex Herbicide Tolerance Technology – is now available in select varieties for the 2024 season in certain areas.¹

Paired with multiple native traits to protect against some of the industry's toughest pests, including:

- Root Knot Nematode
- Reniform Nematode
- Bacterial Leaf Blight

Intogressed with industry-proven, 3-gene insect technology.



New 2024 Cotton Varieties Powered by Axant Flex Herbicide Tolerance Technology & Axant Flex TwinLink® Plus Technologies



ST 6000AXTP¹

FM 765AX¹

FM 823AXTP¹

FM 868AXTP¹

powered by

Axant Flex TwinLink Plus Technologies

- Resistance to Bacterial Blight
- Good Root-Knot Nematode resistance
- Excellent fiber quality
- High gin turnout potential
- Good fit on dryland and irrigated
- Three-gene lepidopteran resistance



Scan for full details.

powered by

Axant Flex Herbicide Tolerance Technology

- Resistance to Bacterial Blight
- Good Verticillium wilt tolerance
- Very good Root-Knot Nematode resistance
- High gin turnout potential
- Semi-smooth leaf type
- Good fit on dryland and irrigated
- Excellent storm tolerance



Scan for full details.

powered by

Axant Flex TwinLink Plus Technologies

- Resistance to Bacterial Blight
- Good Verticillium wilt tolerance
- Good Root-Knot Nematode resistance
- High gin turnout potential
- Good fit on dryland and irrigated
- Excellent storm tolerance
- Three-gene lepidopteran resistance



Scan for full details.

powered by

Axant Flex TwinLink Plus Technologies

- Large seed with excellent emergence
- Outstanding early-season vigor
- Good Root-Knot Nematode tolerance
- Good fit on dryland and irrigated
- Excellent storm tolerance
- Three-gene lepidopteran resistance



Scan for full details.



Scan here for a full list of 2024 **Stoneville®** and **FiberMax®** cotton varieties.

Axant™

XtendLink®

LibertyLink®

GlyTol®

NEW

ST 6000AXTP

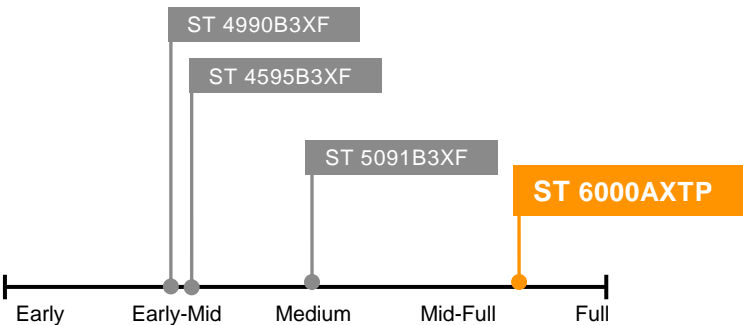
VARIETY ADVANTAGES

- Trait package includes Axant™ Flex TwinLink® Plus technologies
- Excellent fiber quality
- High gin turnout
- Full maturity
- Resistance to bacterial blight
- Root-knot nematode resistance
- Three-gene lepidopteran resistance

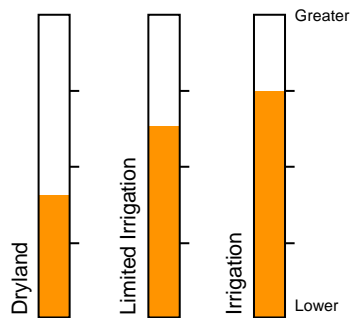
GEOGRAPHIC REGION

Beltwide

VARIETY
RELATIVE MATURITY**



PLANT GROWTH
REGULATOR



VARIETY CHARACTERISTICS

Leaf Pubescence	SEMI-SMOOTH
Maturity	FULL
Height / Growth Habit	MED-TALL/MODERATE
Storm Tolerance	5.3

DISEASE RESISTANCE

Root Knot Nematode	RESISTANT
Verticillium Wilt Tolerance	FAIR
Bacterial Blight Resistance	RESISTANT

FIBER QUALITY

Length	1.18
Uniformity	83.3
Strength	32.4
Micronaire	4.3



POWERED BY

Axant Flex
Herbicide Tolerance Technology

TwinLink Plus

RECOMMENDED
HERBICIDES

Liberty
Herbicide

Engenia
Herbicide

BASF
We create chemistry

Stoneville
Cotton

*Storm Tolerance Rating Scale: 9=very storm-tolerant; 0=very loose.

** Relative maturity can vary based on management practices, environmental conditions and geographic regions. Descriptions and values reported are to give a relative comparison among varieties. Actual values will be influenced by growing conditions. Information provided may be based on experience with tests, trials, or practices, and such information is provided by BASF as closely as possible to such experiences. Information may also be based on general observations.

Availability of cottonseed containing the Axant Flex technology for the 2024 growing season and beyond is subject to many factors, and such seed may not be available in all cotton-growing areas. Commercial sales of cottonseed containing the Axant Flex technology will be subject to contractual terms and conditions and stewardship obligations, which may include, among other requirements, audit rights, liquidated damages applicable to growers, and restrictions on where the crop resulting from such seed may be sold, transferred and/or exported. Alite 27 herbicide (EPA Reg. No. 7969-433) is not registered for use on isoxaflutole-tolerant cotton nor available for sale for such use. Information on using Alite 27 herbicide on isoxaflutole-tolerant cotton is provided for educational purposes only and is not intended to promote the sale of this product. Any sale of Alite 27 herbicide after registration is obtained for use on isoxaflutole-tolerant cotton shall be based solely on the EPA approved product label, and any claims regarding product safety and efficacy shall be addressed solely by the label. Alite 27 herbicide is currently not available for sale. Alite 27 herbicide is a US EPA Restricted-Use Pesticide.

Engenia herbicide is a U.S. EPA Restricted Use Pesticide. Every application of Engenia herbicide requires the use of a pH buffering adjuvant such as AEGOS Buffering Technology. Additional state restrictions may apply.

Always read and follow label directions. Engenia, FiberMax, Liberty, and TwinLink are registered trademarks of BASF. Axant is a trademark of BASF. © 2023 BASF Corporation. All rights reserved.



Stoneville.
Cotton

Engenia® Liberty®
Herbicide Herbicide

Singer

3

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- An aerial photograph showing a massive crowd of people gathered on a grassy field. In the center of the crowd, a white sign with a black border is visible. The sign features the 'Stopoville' logo at the top, followed by the number '5091' in large black digits. Below the number, the word 'STOP' is written in smaller letters. The crowd is dense and fills most of the frame, with people appearing as small dots from this high angle.

2023 On-Farm Cotton Variety Trial Results – FINAL

Camp Hand, Wade Parker, and Chandler Rowe

	County (Lint yield per acre)																										
	Mitchell	Atkinson	Irwin	Colquitt	Telfair	Grady	Turner	Tattnall	Burke	Sumter	Macon	Seminole	Dooly	Worth	Coffee	Effingham	Toombs	Burke	Miller	Cook	Mitchell	Pulaski	Colquitt	Oconee	All Loc.	LSD	Above
Variety	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	IRR	DRY	Avg.	(P=0.1)	Trial
ST 5091 B3XF	874	798	980	1060	1073	976	1213	1263	1350	1121	1272	1310	1306	1245	1422	1411	1468	1428	1542	1549	1541	1622	1676	1888	1308	a	92
AR 9831 B3XF	717	845	939	1010	966	1175	1074	1080	1134	1271	1453	1296	1219	1148	1383	1577	1322	1450	1507	1599	1497	1580	1829	1963	1293	ab	67
DP 2333 B3XF	752	891	892	997	975	1087	1230	1264	1155	1451	1150	1247	1154	1278	1310	1460	1677	1331	1339	1492	1483	1647	1730	2020	1292	ab	54
ST 4595 B3XF	833	831	890	1011	982	986	1088	1193	1216	1237	1264	1145	1297	1204	1444	1439	1389	1404	1539	1490	1603	1561	1692	1919	1277	abc	75
DP 2038 B3XF	784	801	930	1073	1043	1134	1251	1085	1085	1331	1029	1239	1211	1321	1246	1397	1090	1460	1468	1484	1453	1628	1648	1927	1255	bcd	67
DG 3799 B3XF	713	791	858	1094	1053	1215	1186	1077	1099	1187	1156	1283	1157	1287	1235	1198	1322	1436	1433	1486	1453	1573	1669	1765	1238	cde	38
NG 3195 B3XF	882	752	948	1017	1196	1037	920	1199	1231	1051	1173	1149	1227	1236	1355	1305	1344	1374	1404	1506	1494	1505	1454	1776	1231	de	38
AR 9371 B3XF	729	811	867	940	941	1021	966	1126	1095	1070	1321	1205	1314	1199	1571	1402	1381	1264	1470	1471	1452	1492	1484	1853	1227	de	33
NG 4190 B3XF	740	744	887	956	1066	1016	987	1188	1217	1192	1140	1074	1137	1274	1395	1225	1447	1327	1321	1414	1474	1462	1368	1906	1207	e	29
DG 3528 B3XF	770	695	889	879	1018	966	1039	1109	1188	963	986	1048	1173	1194	1197	1175	1182	1236	1336	1403	1513	1414	1358	1842	1149	f	8
	779	796	908	1004	1031	1061	1096	1158	1177	1187	1194	1200	1219	1238	1356	1359	1362	1371	1436	1489	1496	1548	1591	1886			

ST 4595B3XF



Recommended

Engenia®
Herbicide

Liberty®
Herbicide

ENGENIA® HERBICIDE, LIBERTY® HERBICIDE AND GLYPHOSATE TOLERANT

Allows for excellent weed control with dicamba, glufosinate and glyphosate.

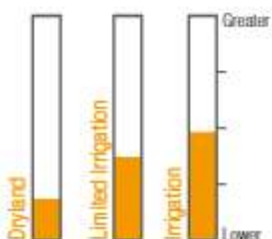
VARIETY ADVANTAGES

- Outstanding yield
- Good fiber package
- High turnout
- Easy to manage plant type
- Fits most soil types/very stable
- Three-gene lepidopteran resistance, which decreases the likelihood that additional worm control measures will be needed

GEOGRAPHIC REGION

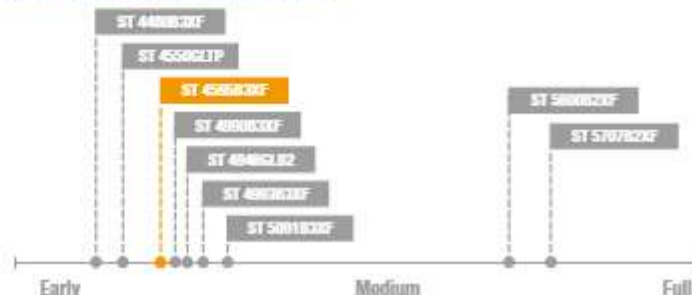
Widely adapted across the Cotton Belt

PLANT GROWTH REGULATOR



ST 4595B3XF		XtendFlex*	Bollgard* 3
VARIETY CHARACTERISTICS			
Leaf Pubescence	SEMI-SMOOTH		
Maturity**	EARLY-MID		
Height/Growth Habit	MEDIUM/MODERATE		
Storm Tolerance*	6		
DISEASE RESISTANCE			
RKN/ <i>Fusarium</i> Wilt Tolerance		FAIR	
<i>Verticillium</i> Wilt Tolerance		FAIR	
Bacterial Blight Resistance		SUSCEPTIBLE	
FIBER QUALITY			
Length	1.17		
Uniformity	82.3		
Strength	29.6		
Micronaire	4.2		

VARIETY RELATIVE MATURITY™



- Top-end yield potential
- Mid-maturity
- Performs well in irrigated environment
- Easier to manage than ST 5091
- Good fiber package with high turnout

ST 4990B3XF



Recommended

Engenia*
Herbicide

Liberty*
Herbicide

ENGENIA* HERBICIDE, LIBERTY* HERBICIDE AND GLYPHOSATE TOLERANT

Allows for excellent weed control with dicamba, glufosinate and glyphosate.

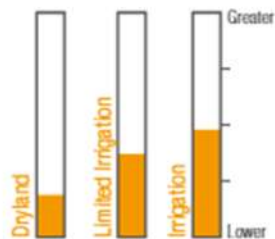
VARIETY ADVANTAGES

- Broad adaptability across the Cotton Belt
- Performs well in high-yielding environments
- Good fiber package
- Early-mid maturity
- Three-gene lepidopteran resistance, which decreases the likelihood that additional worm control measures will be needed

GEOGRAPHIC REGION

Widely adapted across the Cotton Belt

PLANT GROWTH REGULATOR



ST 4990B3XF	XtendFlex*	Bollgard*3
VARIETY CHARACTERISTICS		
Leaf Pubescence	SEMI-SMOOTH	
Maturity**	EARLY-MID	
Height/Growth Habit	MEDIUM/MODERATE	
Storm Tolerance*	5	
DISEASE RESISTANCE		
RKN/Fusarium Wilt Tolerance 	FAIR	
Verticillium Wilt Tolerance 	FAIR	
Bacterial Blight Resistance 	SUSCEPTIBLE	
FIBER QUALITY		
Length	1.18	
Uniformity	83.45	
Strength	30.2	
Micronaire	4.4	

VARIETY RELATIVE MATURITY**



- Consistent performer especially on dryland acre
- Excellent fiber package
- Excellent vigor / large seed
- Early to Early Mid Maturity
- Great fit in late planted scenarios

Questions?

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