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# Stoneville® ST 4550GLTP

- Outstanding yield potential
- Good fiber package
- High gin turnout
- Early-Medium maturity
- Liberty® and glyphosate herbicide tolerant
- Three-gene lepidopteran resistance, which decreases the likelihood that a worm application will be needed

Characteristic	Value
Length	1.17
Uniformity	83.9
Strength	32.5
Micronaire	4.48

Characteristic	Value
RKN/ <i>Fusarium Wilt</i>	Fair
<i>Verticillium Wilt</i>	Fair
Bacterial Blight Resistance	Susceptible

Characteristic	Value
Height/Growth Habit	Medium-Tall / Moderate
Leaf Pubescence	Hairy
Maturity	Early-mid

Always read and follow label directions. Liberty and Stoneville Design are registered trademarks of BASF.

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# Stoneville® ST 5471 GLTP

- Consistent yielder
- Exceptional fiber package
- Mid maturity
- Very good *Verticillium* wilt tolerance
- Resistant to Bacterial blight
- Liberty® and glyphosate herbicide tolerant
- Three-gene lepidopteran resistance, which decreases the likelihood that a worm application will be needed

Characteristic	Value
Length	1.18
Uniformity	83.0
Strength	31.8
Micronaire	4.3

Characteristic	Value
RKN/ <i>Fusarium Wilt</i>	Fair
<i>Verticillium Wilt</i>	Very Good
Bacterial Blight Resistance	Resistant

Characteristic	Value
Height/Growth Habit	Medium / Moderate
Leaf Pubescence	Smooth
Maturity	Medium

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# Stoneville® ST 4990B3XF

- Broad adaptability across the East
- Good fiber package
- Early-mid maturity
- Liberty® herbicide, Engenia® herbicide and glyphosate herbicide tolerant
- Three-gene lepidopteran resistance, which decreases the likelihood that a worm application will be needed

Characteristic	Value
Length	1.19
Uniformity	83.7
Strength	30.6
Micronaire	4.14

Characteristic	Value
RKN/ <i>Fusarium Wilt</i>	Fair
<i>Verticillium Wilt</i>	Fair
Bacterial Blight Resistance	Susceptible

Characteristic	Value
Height/Growth Habit	Medium
Leaf Pubescence	Semi-smooth
Maturity	Early-Mid

Engenia Herbicide is a US EPA Restricted Use Pesticide. Additional state restrictions may apply. Approved pH buffering adjuvant required with every Engenia application. Always read and follow label directions. Liberty, Engenia and Stoneville Design are registered trademarks of BASF.

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# NEW ST 5091B3XF

## VARIETY ADVANTAGE

- Consistent high yielder
- Good fiber package
- Good plant type for all soils
- Three-gene lepidopteran resistance, which decreases the likelihood that additional worm control measures will be needed

### GEOGRAPHIC REGION

Eastern Cotton Belt,  
South and East Texas



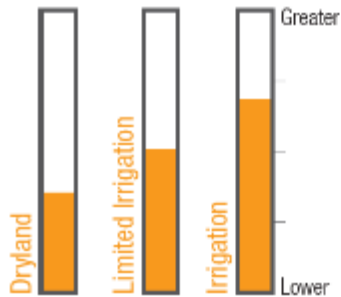
Recommended

**Liberty**  
Herbicide

Recommended

**Engenia**  
Herbicide

### PLANT GROWTH REGULATOR



### VARIETY RELATIVE MATURITY



ST 5091B3XF	XtendFlex®	Bollgard® 3
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VARIETY CHARACTERISTICS	
Leaf Pubescence	SEMI -SMOOTH
Maturity	EARLY- MID
Height / Growth Habit	MEDIUM - TALL
Storm Tolerance	5
DISEASE RESISTANCE	
RKN/ <i>Fusarium</i> Wilt Tolerance	FAIR
<i>Verticillium</i> Wilt Tolerance	FAIR
Bacterial Blight Resistance	SUSCEPTIBLE
FIBER QUALITY	
Length	1.15
Uniformity	81.4
Strength	28.8
Micronaire	4.20

Engenia Herbicide is a US EPA Restricted Use Pesticide. Additional state restrictions may apply. Approved pH buffering adjuvant required with every Engenia application. Always read and follow label directions. Liberty, Engenia and Stoneville Design are registered trademarks of BASF. Bollgard and XtendFlex are trademarks of Bayer Group.



# NC OVT Results

TABLE 5-3. Average Performance of Cotton Varieties Across Locations 2020

Variety	Lint Yield (lb/acre)	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index (%)	T1 (g/tex)	MIKE
DP 2115 B3XF	1450 **	0.5	38	49	1.18	83.7	30.0	4.4
NG 3195 B3XF	1448 *	0.5	38	58	1.17	83.8	30.9	4.4
ST 4550 GLTP	1445 *	0.5	44	56	1.16	82.9	30.6	4.2
ST 5091 B3XF	1384 *	0.4	45	48	1.19	82.6	30.2	3.8
Armor 9371 B3XF	1366 *	0.5	43	43	1.17	84.1	29.8	4.2
DG 3456 B3XF	1354 *	0.5	42	42	1.17	83.4	29.4	4.1
DP 2020 B3XF	1331 *	0.4	38	52	1.21	83.7	30.6	4.1
ST 5471GLTP	1330 *	0.4	42	38	1.15	81.6	29.9	4.1
DP 2012 B3XF	1322 *	0.4	38	51	1.21	83.6	31.4	4.2
NG 4936 B3XF	1305 *	0.4	41	51	1.22	83.7	30.1	4.1
DG 3535 B3XF	1289 *	0.4	39	48	1.20	83.7	30.6	4.2
PX 4B08 W3FE	1288 *	0.5	37	54	1.14	82.8	31.7	4.3
DP 2038 B3XF	1286 *	0.5	44	44	1.14	82.0	30.0	4.4

\*\*Highest yielder. \*Not significantly different from highest yielder.  
Based on data from 3 locations

# NC OVT Results

TABLE -5.2 **Two-Year Statewide** Average Performance of OVT Cotton Varieties - 2019-2020

VARIETY	Lint Yield (lb/acre)	LINT (%)	PLANT HEIGHT (in)	BOLLS OPENED (%)	UHM S.L. (in)	UNIFORMITY INDEX	T1 (g/tex)	MIKE
ST 4550GLTP	1380 **	46.2	43	53	1.15	83.1	32.2	4.4
Aarmor 9608 B3XF	1332 *	47.1	41	49	1.15	82.3	29.4	4.3
NG 4936 B3XF	1324 *	42.4	39	53	1.21	84.0	30.7	4.4
ST 5471GLTP	1316 *	43.3	40	42	1.15	82.3	31.5	4.3
Aarmor 9210 B3XF	1309 *	45.9	41	47	1.18	83.5	31.9	4.8
PHY 340 W3FE	1306 *	46.5	39	52	1.15	83.4	31.5	4.4
PHY 400 W3FE	1306 *	46.4	35	50	1.17	83.0	32.6	4.3
DG 3570B3XF	1302 *	45.0	40	46	1.13	83.3	30.8	4.8
PHY 350 W3FE	1269 *	44.0	40	54	1.16	83.6	31.5	4.4

\*\*Highest yielder. \*Not significantly different from highest yielder. Based on data from 9 environments



# NC OVT Results

TABLE -5.1 **Three-Year Statewide** Average Performance of OVT Cotton Varieties - 2018-2020

VARIETY OR BRAND VARIETY	Lint Yield (lb/acre)	LINT (%)	PLANT HEIGHT (in)	BOLLS OPENED (%)	UHM S.L. (in)	UNIFORMITY INDEX	T1 (g/tex)	MIKE
ST 4550 GLTP (BX 1973 GLTP)	1332 **	37.1	45	56	1.15	83.4	32.1	4.5
PHY 340 W3FE	1260 *	36.9	41	56	1.15	83.5	31.0	4.4
ST 5471 GLTP	1256 *	34.6	42	46	1.15	82.3	31.0	4.3
NG 4936 B3XF (AMX 1801B3XF)	1254 *	33.7	42	56	1.21	84.2	30.4	4.4
DP 1646B2XF	1231	36.4	46	53	1.23	83.4	30.3	4.3
PHY 350 W3FE (PX3A99W3FE)	1217	35.1	43	55	1.17	83.9	31.6	4.4

\*\*Highest yielder. \*Not significantly different from highest yielder.  
Based on data from 14 environments

# 2020 NC On-Farm Trials (8 Trials Statewide)

Variety	Combined AVG Yield	Lint %	% #1	% Top 2	% Top 3	% of trials in highest group (p<0.1)
ST 4550 GLTP	1056	41.3	50	50	75	100
DG 3456 B3XF	1037	41.2	25	63	88	88
ST 4990 B3XF	999	38.3	0	0	13	75
NG 4936 B3XF	977	38.0	0	13	25	63
DG 3570 B3XF	967	39.7	13	25	38	50
PHY 350 W3FE	956	38.6	0	13	25	25
DP 1646 B2XF	951	41.0	0	13	13	13
DP 2038 B3XF	951	42.4	0	13	13	50
PHY 340 W3FE	906	40.8	13	13	13	25
NG 4098 B3XF	873	38.1	0	0	0	13



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**COTTON  
FORWARD »**