

**STONEVILLE BRAND ST 3636B2R , A NEW EARLY-MATURING BOLLGARD II + ROUNDUP READY  
VARIETY FROM EMERGENT GENETICS, INC**

**C. A. White**

**Memphis, TN**

**Jaime Yanes and M. Robinson**

**Emergent Genetics, Inc.**

**Memphis, TN**

**Abstract**

ST 3636B2R is a new early-maturing Bollgard II® plus Roundup Ready® variety available from Stoneville for 2005.

ST 3636B2R was evaluated throughout the Midsouth and Southeast in replicated University Official Variety Trials (OVT). Yield data analysis from 34 Midsouth OVT's indicate that ST 3636B2R provided lint yields that were statistically greater than DPL 424BIIR and not significantly different than that of DPL 444BG/RR. Yield data analysis from 20 Southeast OVT's indicate that yields of ST 3636B2R were not significantly different than yields of DPL 424BIIR or DPL 444BG/RR.

Fiber length (Staple) and strength of ST 3636B2R was significantly greater than DPL 424BIIR. ST 3636B2R and DPL 424BIIR had significantly higher Mic than DPL 444BG/RR.

Table 1. Lint Yields of ST 3636B2R compared to DPL 424BIIR and DPL 444BG/RR in Official University Variety Trials in 2004.

Variety	ST 3636B2R	DPL 424BIIR	DPL 444BG/RR	LSD (0.05)
	lbs./A	lbs./A	lbs./A	lbs./A
MidSouth (n=34)	1388	1201	1392	157
SouthEast (n=20)	1233	1215	1258	NS

Table 2. Fiber Quality of ST 3636B2R compared to DPL 424BIIR and DPL 444BG/RR in 18 Official University Variety Trials in 2004.

	ST 3636B2R	DPL 424BIIR	DPL 444BG/RR	LSD (0.05)
Staple	37.1	36.5	37.1	0.4
Strength	29.5	28.88	30.36	0.8
Mic	4.5	4.5	4.1	0.2