

# 2011 Cotton Variety Demonstration

## Edgecombe Extension Center

### Cooperator: Tom Porter

**Objective:** This test was conducted to evaluate existing and new herbicide-insecticide technologies. Bollgard II and Widestrike contains two genes for expressing the Bt toxin instead of the single gene in Bollgard. Varieties noted with an “RF” or “F” denotes Roundup Flex. All varieties were treated with seed treatment.

**Test:** This test was planted on May 9<sup>th</sup> using a check variety of Dyna-Gro DG 2570 B2RF planted at regular intervals across the field. Burndown consisted of Roundup, Valor @ 2 oz/ac and 2,4-D. At planting, Gramoxone at 1.5 pt/ac, Diuron @ 1 pt/ac and Reflex at 1 pt/ac were applied in addition to starter fertilizer beside the row with 17-17-0 at 10 gal/ac. Harvest date was October 24<sup>th</sup>. Lint percentages were determined through the NC Official Variety Testing program.

VARIETY	LINT %	YIELD (lbs/ac)
Phytogen 499 WRF	46.6%	1069.9
Deltapine DP 1028 B2RF	46.8%	1030.3
Deltapine DP 1032 B2RF	46.5%	913.8
Deltapine DP 1034 B2RF	42.3%	904.1
Deltapine DP 1050 B2RF	47.7%	873.2
Deltapine DP 1133 B2RF	46.2%	851.8
DynaGro DG 2570 B2RF (check)	44.6%	846.2
Deltapine DP 1137 B2RF	46.0%	819.9
Phytogen 375 WRF	44.9%	818.9
Stoneville 4288 B2RF	42.0%	805.0
Fibermax 1740 B2F	44.8%	799.9
Phytogen 367 WRF	44.0%	782.2
Stoneville 5458 B2RF	40.5%	692.8

Edgecombe Extension Center  
Art Bradley  
P.O. Box 129  
Tarboro, NC 27886  
252.641.7815

