



## Cooperative Extension Crop Demonstration Report

Parish: Rapides  
 Community: Alexandria  
 Principle Investigators: Dr. David Y. Lanclous, Rob Ferguson, and Donna S. Morgan  
 County Agent: Matt Martin  
 Cooperator: Dean Lee Research and Extension Center  
 Crop: Soybeans MG IV  
 Previous Crop: Cotton  
 Planted Plant Population: 130,000  
 Soil Type: Norwood silt loam  
 Fertility: 0-26-26 at 200, Zince foliar at 32 oz/A  
 Irrigation: NA  
 Tillage Type: Conventional  
 Date Planted: 3/31/05  
 Date Harvested: 8/19/05  
  
 Weed Control: Cornerstone + Basagran, glyphosate twice and Gramoxone for desiccation  
 Insect Control: Orthene twice at 0.85 and 1.0 lb ai/A  
 Disease Control: NA

| Variety Name          | Core Block | Harvest Wt (lbs) | Harvest Moist (%) | Plot Wdh (in) | Row Lgh (ft) | Acreage per plot | CF   | Bu/A Raw | Bu/A Adjusted | Rank | Test Wt (lbs) |
|-----------------------|------------|------------------|-------------------|---------------|--------------|------------------|------|----------|---------------|------|---------------|
| Garst 4888RR          | Y          | 520              | 13.7              | 180           | 660          | 0.22727          | 4.40 | 38.13    | 37.83         | 4    |               |
| Dyna-Gro DG3443NRR    | Y          | 500              | 13.7              | 180           | 660          | 0.22727          | 4.40 | 36.67    | 36.37         | 5    |               |
| DeKalb DKB46-51       | Y          | 500              | 14.1              | 180           | 660          | 0.22727          | 4.40 | 36.67    | 36.20         | 6    |               |
| Delta King DK4461     | Y          | 420              | 13.7              | 180           | 660          | 0.22727          | 4.40 | 30.80    | 30.55         | 9    |               |
| D&PL DP 4724 RR       | Y          | 470              | 13.4              | 180           | 660          | 0.22727          | 4.40 | 34.47    | 34.31         | 8    |               |
| Terral TV49R12        | Y          | 690              | 13.9              | 180           | 660          | 0.22727          | 4.40 | 50.60    | 50.08         | 1    |               |
| Pioneer 94B73         | Y          | 480              | 13.6              | 180           | 660          | 0.22727          | 4.40 | 35.20    | 34.96         | 7    |               |
| Terral TV48R14        | Y          | 560              | 13.5              | 180           | 660          | 0.22727          | 4.40 | 41.07    | 40.83         | 2    |               |
| Delta King DK4967     | Y          | 560              | 13.8              | 180           | 660          | 0.22727          | 4.40 | 41.07    | 40.69         | 3    |               |
| Croplan Genetics 4444 | N          | 250              | 20                | 180           | 660          | 0.22727          | 4.40 | 18.33    | 16.86         |      |               |