

Evaluation of Apogee as a Plant Growth Regulator on Peanuts in Alabama.

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This research was conducted at the Gulf Coast Research and Extension Center in Fairhope, AL from 2019-2021. The test was setup using a complete randomized block design. We evaluated Ga 12 Y and AU NPL 17 with Apogee applications at various locations and rates for three years. Application rates were either 0, 3.6 oz/A, 5.4 oz/A, or 7.25 oz/A at canopy closure for one application or followed by a second application 3 weeks after initial spray. Trials were to determine if there was a yield benefit from the treatment and what kind of return on investment would be realized. In addition to the small plot research, we also evaluated the product across multiple on farm locations during the same time period. In summary we found the product to be vulnerable to adverse growing conditions. Our research results indicated a lack of yield gain in non-irrigated fields, which is consistent with results from other peanut growing states.