

**CROPLAN GENETICS® BRAND CG 3220B2RF AND CG 3035RF - TWO NEW EARLY- TO MID-MATURITY VARIETIES FROM LAND O'LAKES, INC. SEED DIVISION**

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**Abstract**

CG 3220B2RF and CG 3035RF are two new early- to medium-maturity CROPLAN GENETICS brand picker varieties available from Winfield Solutions, LLC, the seed division of Land O'Lakes, Inc. These varieties are slated for commercial launch in 2008.

CG 3220B2RF comes stacked with Bollgard® II and Roundup Ready® Flex. CG 3035RF is a single gene Roundup Ready Flex variety. Both varieties are early-mid in relative maturity and are smooth to semi-smooth leaf. Both varieties have exhibited excellent early-season vigor for stand establishment. Varieties were evaluated in university Official Variety Trials across the Cotton Belt in 2007.

CG 3220B2RF and CG 3035RF exhibited moderate growth, developing into medium height plants with an open architecture. The node of the first fruiting branch occurred at node 5.9 (CG 3220B2RF) and 6.4 (CG 3035RF) with total nodes per plant ranging from 18.2 nodes (CG 3220B2RF) to 18.9 nodes (CG 3035RF). Plant height for CG 3220B2RF was 37.5". CG 3035RF was slightly more robust with an average plant height of 41.0". When compared with competitive cotton varieties currently on the market, both CROPLAN GENETICS varieties were reported to have comparable yield and fiber quality. In conclusion, CG 3220B2RF and CG 3035RF are new early- to mid-maturity varieties with high yield potential and excellent fiber quality that will help U.S. cotton growers manage risk while allowing them to better market their cotton crop in both base international and high-end domestic markets.