



## Kapas Varietas Agri Kanesia 18 *Agri Kanesia 18* Cotton Variety

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Kapas varietas Agri Kanesia 18 merupakan hasil persilangan antara KI. 645 dan Kanesia 7 yang diikuti dengan seleksi individu dan seleksi galur, dengan nomor galur 01008/4. Keunggulan kapas varietas Agri Kanesia 18 yaitu memiliki potensi produksi 3.990,80 kg kapas berbiji/ha, yaitu lebih tinggi dibandingkan dengan Kanesia 8, KI. 645, Kanesia 10, dan Kanesia 13 masing-masing 18,05%; 11,68%; 12,70%; dan 17,00%.

Produktivitas dalam kondisi tanpa pengendalian hama adalah 1.369,10-3.990,80 kg kapas berbiji/ha, pada kondisi dengan pengendalian hama adalah 1.165,80-3.056,50 kg kapas berbiji/ha. Kandungan serat 38,10%, panjang serat 28,87mm; kekuatan serat 33,00g/tex; kehalusan serat 5,07mic.; daya mulur 5,12%; dan keseragaman serat 87,90%.

*The Agri Kanesia 18 Cotton Variety is derived from a cross between KI 645 and Kanesia 7 followed by individual selection and listed as line number 01008/4. The yield potential of Agri Kanesia 18 Cotton Variety is 4.0 tons of cotton with seed/ha higher than that of Kanesia 8, KI 645, Kanesia 10, and Kanesia 13, with the yield increase of 18.1%, 11.7%, 12.7% and 17.0%, respectively.*

*In the absence of pest management practice, the productivity of Agri Kanesia 18 Cotton Variety is ranging from 1.4 - 4.0 ton of cotton with seed/ha. When the pest management is administered, the productivity is ranging from 1.2 - 3.1 tons of cotton with seed/ha. The Agri Kanesia 18 Cotton Variety has a fiber proportion of 38.1%, fiber length of 28.9 mm, fiber strength of 33.0 g/tex, fiber fines of 5.1 mic, fiber elasticity of 5.1%, and fiber uniformity of 87.9%.*