



Kapas Varietas Agri Kanesia 20

Agri Kanesia 20 Cotton Variety

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Kapas varietas Agri Kanesia 20 merupakan hasil persilangan antara KI. 645 dan Kanesia 8 yang diikuti dengan seleksi individu dan seleksi galur, dengan nomor galur 01010/2.

Produktivitas dalam kondisi tanpa pengendalian hama adalah 1.300,10-4.051,30 kg kapas berbiji/ha, pada kondisi dengan pengendalian hama adalah 961,30-2.872,30 kg kapas berbiji/ha. Kandungan serat 37,99%; panjang serat 29,29mm; kekuatan serat 31,37g/tex; kehalusan serat 4,628mic.; daya mulur 5,25% dan keseragaman serat 88,33%.

Keunggulan kapas varietas Agri Kanesia 20 yaitu memiliki potensi produksi 4.051,30 kg kapas berbiji/ha, yaitu lebih tinggi dibandingkan dengan Kanesia 8, KI. 645, Kanesia 10, dan Kanesia 13 masing-masing 19,84%; 13,38%; 14,41%; dan 18,77%.

The Agri Kanesia 20 Cotton Variety is derived from a cross between KI 645 and Kanesia 8 followed by individual selection and line selection. It was listed as line number 01010/2.

In the absence of pest management practice, the productivity of Agri Kanesia 20 Cotton Variety is ranging from 1.3 - 4.1 ton of cotton with seed/ha. When the pest management is administered, the productivity is ranging from 1.0 - 2.9 tons of cotton with seed/ha. The Agri Kanesia 20 Cotton Variety has a fiber proportion of 40.0%, fiber length of 29.3 mm, fiber strength of 31.4 g/tex, fiber fines of 4.6 mic, elasticity of 5.3%, and uniformity of 88.3%.

The yield potential of Agri Kanesia 20 Cotton Variety is 4.1 tons of cotton with seed/ha higher than that of Kanesia 8, KI 645, Kanesia 10, and Kanesia 13, with yield increase of 19.8%, 13.4%, 14.4% and 18.8%, respectively.