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Kapas Varietas Agri Kanesia 19 *Agri Kanesia 19* *Cotton Variety*

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Status Perlindungan HKI : Pendaftaran Varietas No. 357/PVHP/2015

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Kapas varietas Agri Kanesia 19 merupakan hasil persilangan antara KI. 645 dan Kanesia 18 yang diikuti dengan seleksi individu dan seleksi galur, dengan nomor galur 01009/8.

Produktivitas dalam kondisi tanpa pengendalian hama adalah 1.277,90-4395,70 kg kapas berbiji/ha, pada kondisi dengan pengendalian hama adalah 746,60-2.614,10 kg kapas berbiji/ha. Tingkat ketahanan lapang sebesar 121,17% yang menunjukkan bahwa varietas Agri Kanesia 19 sesuai untuk pengembangan kapas tanpa penggunaan pestisida. Kandungan serat 37,61%; panjang serat 29,59 mm; kekuatan serat 32,97g/tex; kehalusan serat 4,38 mic.; daya mulur 5,87% dan keseragaman serat 88,57%.

Keunggulan kapas varietas Agri Kanesia 19 yaitu memiliki potensi produksi 4.395,70 kg kapas berbiji/ha, yaitu lebih tinggi dibandingkan dengan Kanesia 8, KI. 645, Kanesia 10, dan Kanesia 13 masing-masing 30,02%; 23,02%; 24,14%; dan 28,87%.

The Agri Kanesia 19 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 01009/8.

In the absence of pest management practice, the productivity of Agri Kanesia 19 Cotton Variety is ranging from 1,277.90-4,395.70 kg of cotton with seed/ha. With pest management application, the productivity is ranging from 746.60-2,614.10 kg of cotton with seed/ha. The survival rate is 121.17% shows that Agri Kanesia 19 Cotton Variety can be grown well without any insecticide application. The Agri Kanesia 19 Cotton Variety has a fiber proportion of 37.61%, fiber length of 29.59 mm, fiber strength of 32.97 g/tex, fiber fines of 4.38 mic, fiber elasticity of 5.87%, and fiber uniformity of 88.57%.

The yield potential of Agri Kanesia 19 Cotton Variety is 4.395,70 kg of cotton with seed/ha higher than that of Kanesia 8, KI 645, Kanesia 10, and Kanesia 13, i.e 30.02%, 23.02%, 24.14% and 28.87%, respectively.