

Evaluation of Bt cotton hybrids for fibre quality under rainfed conditions

SANTOSH A. BHONGLE, B.R. PATIL AND SUDHIR A. BHONGLE

Cotton Research Unit, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, AKOLA (M.S.) INDIA
Email : spbreeder@gmail.com

Ninety seven Bt Cotton hybrids were evaluated along with two Bt and two non Bt check hybrids under rainfed conditions at AICCIP, Cotton Research Unit, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.) during *Kharif* 2008-2009. Results revealed that, the minimum and maximum range for fibre length was found to be 23.2 mm to 35.7 mm, strength was observed between 15.4 g/tex (low) to 27.0 g/tex (strong), whereas micronaire value ranged between very fine (2.2 µg/inch) to very coarse (4.5 µg/inch). The uniformity ratio for all the hybrids were recorded in the range of 43 to 53 per cent. The highest ginning outturn was obtained from the hybrid UPLHH-2Bt (36.5%). The desirable hybrids in respect of fibre quality were, MRC-7918 BG II, MARGO Bt and SANDIP Bt during present investigation. However it needs further confirmation on multilocation basis.

Key words : Fiber quality, Bt Cotton and rainfed

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