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RESEARCH PAPER

Study on the heterosis for yield and yield component in okra [*Abelmoschus esculentus* (L.) Moench]

SANJEEV KUMAR, RAJEEV KUMAR*, B.B.SINGH, ANIL KUMAR, SATISH KUMAR[1] **AND** SANDEEP KUMAR[2]

Janta P.G. College, Ajeetmal, AURAIYA (U.P.) INDIA (Email : rajeevkumard699@gmail.com)

Abstract : A field experiment was conducted during summer and rainy season2010 in the Department of Vegetable Science, N.D. University of Agriculture and Technology, Faizabad (U.P.) India, to determine heterosis in F_1 hybrid and inbreeding depression in F_2 generation of 21 okra crosses with respect to seed yield and its component traits. Among the hybrid crosses NDO-10 × ArkaAnamika gave maximum fruit yield by contributing superior yield components while crosses GB-1 × A4 showed lowest value for these attributes.

Key Words : Heterosis, Yield, Yield attributes, Okra

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*** Author for correspondence**

[1]Shree Janta Inter College, Ajeetmal, AURAIYA (U.P.) INDIA

[2]Department of Agronomy, S.V. Patel University of Agriculture and Technology, MEERUT (U.P.) INDIA