Relative susceptibility of some maize genotypes to *Sitophilus oryzae* Linn. (Coleoptera : Curculionidae)

B.P.CHAVAN*,  R.B.KHOT AND P.N.HARER
All India Coordinated Res. Project on Maize, National Agricultural Research Project, KOLHAPUR (M.S.)INDIA

ABSTRACT
Investigations on screening of maize genotypes against *Sitophilus oryzae* Linn. (Coleoptera: Curculionidae) were carried out at All India Coordinated Research Project on Maize, Kolhapur (M.S.), India during the year 2005. A very marked difference in susceptibility to maize genotype was observed for the weevil. Out of 11 maize genotypes, CML-324, CML-228, CA-00106 were found least susceptible and Across-9745 and LM-5 highly susceptible to weevil on the basis of adult emergence, per cent infestation and weight of fross. The rest of the genotypes were in intermediate group. On the basis of varietals response to the build up of insects population and per cent infestation, they can be arranged in following ascending order: CML-324, CML-228,CA-00106, Shaktiman-1, 328-6, KMH-22168, MPQ-13, KMH-22206, KMH-9961, LM-5 and Across-9745.

Key words : *Sitophilus oryzae*, Maize, Relative susceptibility.