

General Selection Indices in Italian millet [*Setaria italica* (L.) Beauv]

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ABSTRACT

General selection indices were constructed for two botanical groups at a time *viz.*, Indian *kharif* and Indian *rabi*, Indian *kharif* and exotic *kharif*, Indian *kharif* and exotic *rabi*, Indian *rabi* and exotic *kharif*, Indian *rabi* and exotic *rabi*, exotic *kharif* and exotic *rabi* for seven characters *i.e.*, days to 50% flowering, plant height, productive tillers per plant, ear length, ear weight, straw weight and 1000 grain weight. General selection indices study in 18 Indian and 34 exotic genotypes revealed that the major emphasis should be laid on selection process with increased number of productive tillers per plant coupled with more ear weight and ear length while aiming for improvement of grain yield in Indian and exotic genotypes of Italian millet irrespective of season.

Key words : Italian millet, General Selection Indices