

Estimating the combining ability on early and productivity sterile and fertility of tomato lines.

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The paper presents results of estimating the combining ability on early and productivity of 8 sterile and 10 fertile tomato lines. High values of analyzed hybrid characteristics are due to combined effects of high general and specific combining ability, role in which different combinations of crossbreeding are different. Correlations between phenotype manifestation of early and productivity in lines and their general combining ability was rather high in both groups of parental lines, on early in sterile lines: $r = 0.81 \pm 0.24$, in fertile: $r = 0.92 \pm 0.14$; on productivity in sterile lines: $r = 0.84 \pm 0.22$. in fertile: $r = 0.79 \pm 0.22$.