

## Evaluation of different tomato (*Lycopersicon esculentum* Mill.) lines for drought tolerance

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### ABSTRACT

A trial to evaluate drought tolerance lines in tomato revealed that maximum plant height (98 cm), more number of primary branches (9), more number of flowering clusters (31.81), maximum number of fruits per plant (54.01), highest total yield per plant (2.499 kg), minimum RWC (45.09 %) and maximum WSD (54.91 %), minimum chlorophyll content (1.01 mg/g), minimum soil moisture (24.31 %), maximum root length (49.03 cm) was recorded in Selection-14. Hence, selection-14 is superior than remaining selections and checks in respect of drought tolerance and yield also. This variety is suitable under rainfed conditions.

Key words : Drought, Determinate, Indeterminate, Lines, Tomato