EVALUATION OF DIFFERENT GENOTYPES OF STRAWBERRY FOR GROWTH AND FLOWER CHARACTERS UNDER SUBTROPICAL CONDITION

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I. ABSTRACT

The experiment was conducted to evaluate the performance of 12 different strawberry genotypes with respect to growth and floral characters under the subtropical condition of Punjab during 2017-18. *Fragaria x ananassa* Duch.is a hybrid of wild strawberry species. It is rich source of vitamin C and manganese. The folate and potassium also contain in the strawberry. Strawberry cultivars, *viz.*, Chandler, Winter dawn, Camarosa, FL-09-127, E1-13#32, Sweet Charlie, Hadar, E1-13#33, E1-13#31, Yamini, E-22 and Shani were planted on beds of 2 m × 1 m size at a spacing of 30 cm × 30 cm during first week of November in a randomized block design with three replications**.** The results revealed that the genotype Camarosa (85.33%), Chandler and Winterdawn were best with respect to the survival percentage under subtropical condition. The highest number of leaves was found in Winterdawn (14.4) followed by Chandler (13.5) & Camarosa (13.3) during 2017-18. The Chandler (12.1 cm), Camarosa (11.9 cm) and Winterdawn (11.36 cm) stood promising with respect to plant height. The genotype Winterdawn showed maximum plant spread (13.8 cm). Winter dawn recorded the highest number of flowers (19.6), followed by Camarosa (18.3) Chandler (17.67) and Shani (16.5). The maximum number of fruits per plant observed in Camarosa (15).

II. IMAGES

Vegetative, floral and fruiting characters of different genotypes







III. **REFERENCES**

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IV. BIOGRAPHY

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