

**PERFORMANCE OF STRAWBERRY (*FRAGARIA X ANANASSA* DUCH.)
GENOTYPES FOR GROWTH AND YIELD CHARACTERS IN HILL ZONE OF
KARNATAKA**

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Received-11.10.2017, Revised-24.10.2017

Abstract: The study was conducted on performance of seven genotype of strawberry (*Fragaria x ananassa* Duch.) at College of Horticulture Mudigere, Karnataka in naturally ventilated poly house during 2015-2016 the significant variation was occurred for all vegetative and Yield parameters. The genotype Sabrina accounted maximum plant height (32.30 cm), number of trifoliolate leaves (30.40), plant spread (48.47 cm in north and south direction whereas 53.93 cm in east and west direction), leaf area (206.04 cm²), leaf area index (6.95), plant dry weight at harvest (29.04 g), chlorophyll content (2.33 mg/100 g), number of fruits per plant (22.36) and yield per plant (380.29 g). number of runners per plant was maximum (10.70) in Cristle , weight of fruit was maximum (20.01 g) in Fortuna, maximum (4.43 cm) fruit length was recorded in genotype Cristle followed by Fortuna (4.12 cm), the breadth and volume of fruit was observed maximum in genotype Fortuna that was 3.28 cm and 24.37 cc respectively Among different genotypes evaluated the Sabrina accounted maximum for growth and yield parameters of strawberry..

Keywords: Genotypes, Strawberry, Growth, Yield, Hill zone

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