

Title Package of practices for strawberry cultivation with modern techniques under north Indian plains

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Abstract

Studies were conducted to standardize the package of practices of strawberry cultivation with modern techniques under northern Indian Plains. Micro-irrigation system has been found to be quite successful for its remunerative cultivation. Use of micro-sprinkler during early stage and drip system during flowering and fruiting has given encouraging results. Further, with the use of micro-sprinkler, its planting can be done up to mid-September, which reduces plant mortality and enhances fruit yield significantly compared to the traditional method and increases the period of fruit availability (mid-January to March). The use of plastic tunnels during night (5 pm to 9 am) enhances fruiting and flowering by two weeks and fruit yield by 27%. Bed planting coupled with micro irrigation system, strawberry cultivation with plant population of 90,000 to 1,00,000 plants/ha has proved to be optimum for harvesting fruit yield of 18-20 t/ha. By following above-mentioned techniques, a grower can get fruit yield of 15-20 t/ha with a profit margin of 7,500-10,000 US \$/ha/annum in north Indian Plains.