



## Effect of Hand and Chemical Thinning on Growth and Production of Nectarine cv. Snow Queen

**Rajiv Kumar, N. Sharma, Rimpika\* and D.P. Sharma**

*Department of Fruit Science, Dr. Y S Parmar University of Horticulture and Forestry, Nauni-173 230, India  
E-mail: rimpikathakur@yahoo.in*

---

**Abstract:** The present investigation was carried out on six-year old nectarine trees, established on seedling rootstock at 2×3 meter spacing and trained as open centre, at the experimental orchard Dr Y S Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh, during the years 2012 and 2013. Experimental trees were subjected to different treatments viz. retention of 3, 4 and 5 fruits per fruiting shoot manually, foliar application of Ethrel at 200 and 300 ppm, NAA at 20 and 40 ppm, TDZ at 20 and 40 ppm, Ethrel at 200 ppm + NAA at 20 ppm, Ethrel at 200 ppm + TDZ at 20 ppm and control (water spray) two weeks after petal fall. Hand thinning to retain 3 fruits shoot<sup>-1</sup> registered highest thinning percentage, vegetative growth and production of superior grade fruits.

**Keywords:** Thinning, Growth, Production, Nectarine

---