Indian Journal of Ecology (2021) 48(6): 1755-1759

Manuscript Number: 3444
NAAS Rating: 5.79

Conjoint Effect of Organic Formulations and Inorganic Fertilizers on Growth, Yield and Quality in Strawberry (*Fragaria × ananassa* Duch.)

Praveen Verma, Jitender K. Chauhan, D.P. Sharma, N.C. Sharma and Uday Sharma

Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan-173 230, India
E-mail: praveenver2014@gmail.com

Abstract**:** The present investigations were focused on investigating the possibilities of supplementing chemical fertilizers with organic fertilizers to maintain environment including preserving beneficial soil microbes, soil properties and sustaining crop productivity at Dr Y S Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh. The experiment consisting of 7 treatments. Application of FYM and N, P, K fertilizers was done during field preparation and after transplanting. Application of jeevamrit was done in 5 equal split doses at monthly intervals starting at 15 days after transplanting as soil application. Ghanjeevamrit was applied in two equal split doses at transplanting and at the initiation of flowering. Among different treatments, T_4(75% of T_1+ 25% RDN through Jeevamrit + Ghanjeevamrit in the ratio 1:1) resulted in better growth, flowering, yield and fruit quality in strawberry.

Keywords**:** Organic formulations, jeevamrit, Ghanjeevamrit, Strawberry