

## RESEARCH ARTICLE

# A study on solomon 300 OD (Betacyfluthrin 90 + Imidacloprid 210 OD) against leaf minors (*Phyllocnistis citrella* Stainton) on kinnow plants

■ Harjindra Singh, Roop Singh Meena and Pradeep Kumar

### SUMMARY

The study trial was conducted on kinnow 2 trees per treatment/ replication at Agricultural Research Station, Sriganaganagar during 2016-2017. Eight treatments including control were evaluated and each treatment was replicated three times and using RBD. Observations were also taken on number of leaves and infested leaves per twigs from 5 randomly selected twigs. The first application of each treatment was made according to need based using a water volume of 10 liters per treatment and second application was imposed on a need basis at an interval. The population of leaf infested with leaf minors per 20 leaves were made from a tree before as well as 3, 7, 10 and 15 days after each spray and one day before spray to work out leaf infestation using formula and observed the combination of both @ 7.0 ml / 10 lit was best for the control of leaf minor of kinnow and on a par in comparison to other treatments. The yield of fruit was recorded after harvesting the kinnow.

**Key Words :** Solomon 300 OD (Betacyfluthrin 90 + Imidacloprid 210 OD), Leaf minors (*Phyllocnistis citrella* Stainton), kinnow plants

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