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RESEARCH PAPER

A study of efficacy of solomon 300 OD (betacyfluthrin 90 + imidacloprid 210 OD) on psylla (*Diaphorina citri* Kuwayana) in kinnow

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Abstract : The study trial was conducted on kinnow 2 trees per treatment/ replicationat Agricultural Research Station, Sriganganagar 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 at Economic threshold level using a water volume of 10 liters per treatment and second application was imposed on a need basis at an interval.The population of pysllaper 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 and twig infestation using formula and observed the combination of both @ 7.0 ml / 10 lit was best for the control of pyslla and on at par in comparision to other treatments. The yield of fruit was recorded after harvesting the kinnow.

Key Words : Efficacy of solomon 300 od, Psylla, Kinnow

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