

BIBLIOGRAPHY ON RED PALM WEEVIL (*RHYNCHOPHORUS FERRUGINEUS* FABR.)- A PEST OF COCONUT (*COCOS NUCIFERA* LINN.)

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The red palm weevil is the most destructive pest of young coconut and other palms in India, Sri Lanka, Burma, Indonesia, the Philippines and some other countries.

In India the red palm weevil is present in all the palm growing areas. The crown, trunk and the bole are the natural habitats of the weevil. The eggs are laid in cavities bored by the weevil into the soft tissues of the palm and sometimes in the moist decaying matter at the crown. On an average, the life-cycle, from laying of the egg

to emergence of the adult, is 81 days and it varies from 54 to 120 days.

For the control of this insect, the attacked portions of the palm may be thoroughly cleaned and all the holes excepting the one at the top closed with cement, mortar or clay. Through this hole 1000 to 1500 cc of one per cent Pyrocon E 2/20 may be poured. The hole also should be closed with cement. Owing to the high cost of the chemical as well as its non-availability in sufficient quantities for large scale use, search has been made for some

other cheaper and easily available insecticides. Among such insecticides, Carbaryl at one per cent was found to be very successful. As a prophylactic measure of control, filling of leaf axils of young palms with a mixture of BHC or Chlordane 5% dust and sand thrice a year in the pre- and post-monsoon months is recommended.

This bibliography has 47 entries contributed by 31 authors. Entries have been arranged in alphabetical order of the name of the author(s) and serially numbered. An author index is also appended.

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