

CROP PROTECTION

MANAGEMENT OF TEA MOSQUITO BUG (TMB)

- Application of Lambda-Cyhalothrin 5 SC (0.003%) followed by Profenophos 50EC @0.05% or vice versa at flushing and flowering stages is recommended for the management of tea mosquito bug.
- Lambda cyhalothrin (0.6ml/litre) offered better control of TMB, leaf and blossom webber, shoot tip caterpillar and, apple and nut borer at Bapatla, Jhargram and Bhubaneswar. At Hogalagere, Madakkathara and Jagadapur, Thiamethoxam 25WG (0.2 g/l) gave good control for TMB.
- The TMB incidence was negatively correlated with both minimum and maximum temperature at Hogalagere, Jhargram, Vengurle and Paria. Its incidence was positively correlated with relative humidity at Hogalagere, Paria, Madakkathara, Vridhachalam and Vengurle.

MANAGEMENT OF CASHEW STEM AND ROOT BORER (CSRB)

- Phyto-sanitation followed by application of Chlorpyrifos 20 EC @ 0.2% as swabbing/spot drenching after removal of pest stages of cashew stem and root borer has been recommended for management.
- Under curative control of cashew stem and root borer, Chlorpyrifos (0.2%) offered maximum protection at Bapatla, Bhubaneswar, Hogalagere, Jagdalpur, Jhargram, Madakkathara, Vengurle and Vridhachalam.
- For control of cashew stem and root borer, at Bapatla, Madakkathara, Vengurle, Jagdalpur and Hogalagere, swabbing of Fipronil @ 2ml/l offered protection to the tune of 80.95% without reinfestation. However, maximum recovery of trees was

observed in case of chloropyriphos swabbing (10ml/l) in Bhubaneswar, Vridhachalam and Jhargram.

MANAGEMENT OF OTHER PESTS

- L-cyhalothrin 0.003% (0.6ml/l) was found to be consistently effective against leaf blossom webber, shoot tip caterpillar, apple and nut borer and leaf miner at most of the centres in the experiment on evaluation of insecticides for control of TMB and other insect pests.