

One day group meeting on the status of invasive tomato leaf miner, *Tuta absoluta* in India was organized by ICAR-NBAIR in collaboration with DPPQ&S at NBAIR conference hall on 21.02.2015.

Dr C.A. Viraktamath, Professor Emeritus, GKVK chaired the session. Dr. Abraham Verghese, Director, ICAR-NBAIR, Dr. S. N. Sushil, Plant Protection Adviser to Government of India, Dr. Chandish Bhallal, Head, Division of Ecology, NBAIR, Dr. S.K. Jalali, Head, Division of Molecular Entomology, NBAIR, Dr. Shreedhar, Pr. Scientist (Entomology), ICAR-IIHR, experts from NBAIR and other field staffs attended and discussed the issues related to invasive *T. absoluta*. Surveys in Tamil Nadu, Karnataka and Gujarat indicated that the *T. absoluta* incidence was up to 17%. The discussion was concluded with the following monitoring and management strategies.

1. Common name for calling the *T. absoluta* uniformly in India
2. Field monitoring of the *T. absoluta* by pheromone traps (4-5/ac) and devising common sampling method. Also need to categorise the trap catches into low risk, moderate risk and high risk invasion
3. Preparation of visual guide for identification of the pest and creating awareness among staff working in Departments and farmers
4. Proper disposal of crop residues in the field
5. Nursery management by exploring chemicals for seed treatment and net covering to arrest carryover of *T. absoluta* from nursery to main field
6. Document published by USDA on *T. absoluta* sampling and other guidelines may be followed till establishing our own protocols
7. Combination of pheromone trap-light trap-water trap and yellow stick trap may be tried for best catch of the moth population
8. Recommendation of green chemicals: *Bacillus thuringiensis*, Neem, EPN etc.
9. Conservation of natural enemies like *Nesidiochoris* sp., *Orius* sp.
10. Control through release of *Trichogramma priteosum*, *T. acheae*, *Copidosoma* sp. and other Hymenopteran parasitoids
11. Recommend insecticide with IRM management plan

Researchable issues

Survey and testing the effectiveness of various natural enemies

Studies on biology and host range

Studies on host plant resistance

Studies on light trap in combination with pheromone

The meeting ended with vote of thanks by Dr S.K. Jalali