



ICAR-CICR Sirsa team Monitored the Wilt affected cotton area of Rajasthan and Haryana

Team of scientist comprising of Dr D. Monga, Dr .SatishK. Sain and Dr Amarpreet Singh visited the farmer's fields reported to be affected by parawilt on 14.09.2018. At two farmers field locations in Alikan (Badagudha block) and Malikpura (Odhan Block), they observed the affected cotton crop and on spot advisories were issued to the farmers.

Subsequently a team consisting Dr S.K. Sain, Senior Scientist (Plant Pathology) and other technical staff conducted farmer's field survey on the occurrence and incidence of whitefly, CLCuD, parawilt and other diseases on 12 and 15 September 2018. During the survey cotton fields were monitored in the area of Abohar, Malout, Bhatinda, and Faridkot (Punjab), Sriganaganar, Hanumangarh (Rajasthan), Sirsa (Haryana).

In the Punjab, Haryana and Rajasthan the whitefly incidence was far below the ETL level. Bacterial leaf blight was observed only in few cotton entries at the research station of ARS PAU, Faridkot and ICAR-CICR RS, Sirsa. However, the *Cercospora* leaf spot was found severe in some farmer's fields in Sirsa, Hanumangarh as well as ARS Bathinda. Sudden wilting problem in cotton was recorded in the cotton fields of Punjab, Rajasthan and Haryana. This problem was found to be more in the cotton fields having continuous cotton-wheat cropping system, poor borewell water irrigation (high EC value), poor soil health and plant management conditions as well as the field having an infestation of nematodes, root rot, termites and foliar leaf spot disease.



Cotton field having *Cercospora* leaf spot disease and nematode incidence in Rajasthan

ICAR-CICR, Nagpur Scientists surveyed cotton fields of Gadchiroli district (Maharashtra) for HT testing and assessment of pink bollworm infestation

As a member of committee constituted by Director, ICAR-CICR, Dr. Dipak T. Nagrale, Scientist (Plant Pathology), Dr. H. B. Santosh, Scientist (Plant Breeding), and Mr. Ghanshyam Deogirkar, Senior Technical Assistant, ICAR-CICR, Nagpur have visited different villages of Umred and Bhivapur tehsil of Nagpur, and Aheri and Mulchera tehsils of Gadchiroli district of Maharashtra for collecting leaf samples for Herbicide Tolerance (HT) testing and for collecting green bolls for assessment of pink bollworm damage on 24th and 25th September, 2018 respectively. From each field, one terminal leaf from each of 10 randomly chosen plants and one green boll from each of 20 randomly chosen plants were collected as one sample for HT testing (leaf sample) and pink bollworm damage assessment (boll sample). In total, 18 samples were collected from Nagpur (Umred and Bhivapur tahsils) and 15

samples were collected from Gadchiroli (Aheri and Mulchera tahsils) districts of Maharashtra. GPS/locations of the sampling sites were noted and required details about crop history were collected wherever farmers were available in the fields. Samples were brought in ice boxes and handed over to the concerned laboratory for testing at ICAR-CICR, Nagpur.



Meetings/trainings attended

- Dr VS Nagrare delivered lecture on pink bollworm management before 35 trainees (Agri Assistants) of Maharashtra undergoing training at RCIPMC, Nagpur
- Dr VS Nagrare delivered talk on 'Current status of pink bollworm and other issues in cotton crop protection' in the 2nd Steering committee meeting of CROPSAP at Pune. The meeting was chaired by Agri Commissioner, Pune 7th Sept 2018



Produced and Published by:
Chief Editor :
Associate Editor, design & Media Support :
Editors:

Dr Vijay N. Waghmare, Director, CICR
Dr. S. M. Wasnik
Dr. M. Sabesh
Dr Dipak Nagrale, Dr H. B. Santosh,
Dr D. Kanjana , Dr. Sain, Dr Rakesh Kumar
& Dr Pooja Verma,

Citation : Cotton Innovate, Issue-2 Volume-10, 2018,
ICAR-Central Institute for Cotton Research, Nagpur.

Publication Note: This Newsletter presented online at
http://www.cicr.org.in/cotton_innovate.html
Cotton Innovate is the Open Access CICR Newsletter
The Cotton Innovate – is published weekly by
ICAR-Central Institute for Cotton Research
Post Bag No. 2, Shankar Nagar PO, Nagpur 440010
Phone : 07103-275536; Fax : 07103-275529;
email: cicrnagpur@gmail.com, director.cicr@icar.gov.in