

6. EDUCATION AND TRAINING

Training received

(A) Overseas associateship

Dr. Nandini Gokte-Narkhedkar, Principal Scientist was deputed for six months (March 1, 2007 to August 31, 2007) at National University of Ireland, Maynooth under DBT Overseas Associateship (Short Term). Main Area of Research was 'Characterization of genes

expressed by insect parasitic nematode, *Steinernema carpocapsae*'. During this period, she worked on identification of Entomopathogenic nematodes by amplification of ribosomal 18 ITS, Biolistic Transformation of Nematodes, RNAi in all strain of *Steinernema Carpopcapsae* and Expression of RIC1 Gene.

(B) National Trainings

Name of Scientist	Name of the Course	Place	Period
Coimbatore			
Dr. S. Manickam Dr. K. Sankaranarayanan	Training programme on e- learning in Agriculture	TNAU, Coimbatore	26th Nov. to 6th Dec., 2007
Dr. S. Usha Rani	Training programme on Commercial Agriculture	TNAU, Coimbatore	21st Jan. to 10th Feb., 2008
Dr. K. Rathinavel	Short course on Strategies for upgrading marginal seed lots	TNAU, Coimbatore	21st Jan. to 30 Jan., 2008
Dr. K. P. M. Dhamayanthi	Training programme on DUS testing for plant variety protection- Principles and procedures	New Delhi	26th Feb. to 3rd March, 2008
Sirsa			
Dr. S. K. Verma	Training programme on Bioinformatics	CCMB, Hyderabad	12 Sep. to 18 Sep., 2007

Training Imparted

Nagpur

Training on cotton production technology

One day training programme was organized on cotton production technology sponsored by ATMA, under ICDP programme at CICR, Nagpur for two batches of farmers from Guntur and Srikrishna district, (A.P.). The training programme was attended by 120 farmers and extension workers. One more training programme of two days duration was organized for the farmers from Pandhurna, M.P. An eight day National Level, Model Training Course on Insecticide Resistance Management was organized on behalf of the Directorate of Extension, Ministry of Agriculture at

CICR Nagpur between 23rd - 30th Oct 2007.

Coimbatore

Certificate Course on Cotton Production Technology

A certificate course on cotton production technology for cotton farmers was organized at the CICR, Regional Station, Coimbatore in collaboration with the Directorate of Open and Distance Learning, Tamil Nadu Agricultural University, Coimbatore. It was organized over a period of two months at fortnightly intervals from October-December, 2007 with field, laboratory and outreach activities so that the farmers stand to gain additional knowledge and know-how of cotton cultivation practices. Around 20 farmers from the CICR adopted villages of Tamil Nadu participated

in the training program.

Model Training Course on Cultivation of Extra Long Staple Cotton (ELS)

A model training course on cultivation of extra long staple cotton (ELS) at Coimbatore for Agriculture Development Officers of different states was organized at CICR, Regional Station, Coimbatore with the sponsorship of the Directorate of Extension, Department of Agriculture and Cooperation, Govt. of India during December 15-22, 2007. Around 15 trainees from different State Departments of Agriculture participated in the training programme, wherein lectures were delivered by eminent Scientists, personnel from private sector R & D; besides, Scientists from CICR, Nagpur and Coimbatore delivered special lectures on Status of ELS Cotton in India and world on this occasion. An electronic version of all lectures was compiled and edited by Dr. N. Gopalakrishnan, Dr. S. Manickam and Mr. M. Sabesh, CICR, Regional Station, Coimbatore and released for use by participants.

Sirsa

Bt Cotton Training Programme

Bt Cotton Training Programme was organized jointly by National Centre for Integrated Pest Management (NCIPM), New Delhi and Central Institute for Cotton Research, Regional Station, Sirsa from Oct. 10-17, 2007. Twenty participants from North Zone (Rajasthan, Haryana & Punjab) participated in the programme. The programme, sponsored by DAC, Ministry of Agriculture, Govt. of India.

Training On Cotton Production Technology

Six state level training programmes of two days duration were organized on 'Cotton Production Technology' under implementation of Action Plan of ICDP Mini Mission-II for Technology Mission on Cotton. These programmes were organized on Nov. 16, 17, 21, 22, 28, & 29, 2007. These training programmes were attended by officials of Haryana State Agriculture Department. A capsule of ten lectures i.e. four in Crop Improvement, three in Crop Production and three in Crop Protection technologies was prepared for these programmes. The training programmes were coordinated by Dr. S. K. Verma, Sr. Scientist. A Training Manual compiled and edited by

Dr. S. K. Verma and Dr. D. Monga for state level training on Cotton Production Technologies-2007 was also supplied to the participants for further use.

Training imparted to HAFED and NITMA scouts

A training was organized on 9th July at the Station. Dr. D. Monga, Principal Scientist & Head Regional Station, Sirsa welcomed the incharge of HAFED and NITMA and the scouts and gave brief introduction and achievements of the station. Later Dr. O. P. Tuteja briefed about promising varieties and hybrids of cotton in north zone. Then Drs. K. L. Chhabra, S. L. Ahuja, P. Jeyakumar talked on agronomic practices, Bt cotton and insect pest of cotton and their management. Dr. D. Monga apprised them about diseases of cotton and their management.

Training on Cotton Production Technology & Mealy Bug Management

A two days state level training programme was organized on cotton production technology and Mealy bug Management under implementation of Action Plan of ICDP Mini Mission-II for TMC. Five training programmes were organized with their dates mentioned as under.

1. 05-02-08 & 06-02-08
2. 12-02-08 & 13-02-08
3. 18-02-08 & 19-02-08
4. 25-02-08 & 26-02-08
5. 27-02-08 & 28-02-08

These training programmes were attended by officials of State Agriculture department of Haryana. A capsule of ten lectures i.e. four in Crop Improvement, one in Crop Production and five in Crop Protection technologies covering mealy bug management area was prepared to impart these training. All the scientists of this Regional Station and agronomist from CRS, CCSHAU, Sirsa were involved in imparting these trainings. These training programmes were conducted under the direction of Dr. Monga, Head, CICR, Sirsa whereas Dr. S. K. Verma, Sr. Scientist, coordinated it. In addition to this a Training Manual compiled and edited by Dr. S.K. Verma and Dr. D. Monga for state level training on cotton production technology Mealy bug Management 2008 was also supplied to the participants for their further use.