

**Report on
“International Workshop-cum-Training Program on
Marker Assisted Selection”**

**Organized by:
Barwale Foundation in association with Generation Challenge Program**



**At:
Barwale Knowledge and Study Centre, Jalna, Maharashtra, India
3-9 August 2008**

Report:

An International Workshop-cum-Training Program was organized by the Barwale Foundation in association with Generation Challenge Program (GCP) at Barwale Knowledge and Study Centre, Jalna, Maharashtra, India from August 3-9, 2008. The workshop-cum-training program was attended by 22 participants who were enrolled for the program. Out of 22 participants, 7 participants were from International Institutions in Asia who are associated with GCP programs. The rest of the participants were from India representing public and private sectors research organizations.

A list of International and National participants is provided below:

INTERNATIONAL PARTICIPANTS




S. No	Name and Address	
1.		Dr. Sureporn Katengam Department of Agronomy Faculty of Agriculture Ubon Ratchathani University Warin Chamrap, Ubon Ratchathani - 34190, Thailand sureporn.k@ubu.ac.th , katengas@agri.ubu.ac.th Tel: +66-45-353564, Fax: +66-45-288374
2		Dr. Payorm Cobelli Ubon Rice Research Center P.O. Box 65, Muang District Ubon Ratchathani - 34000, Thailand payorm@ricethailand.go.th ; payormsri@yahoo.com Tel: +66-45-344103-4 Extn. 122 ; Fax : +66-45-344090

3		<p>Dr. Joko Prasetyono Institute for Agricultural Biotechnology & Genetic Resources Research and Development (RIFCB) Jalan Tentara Pelajar 3A Bogor Agriculture University, Bogor, Indonesia masdiarb@indo.net.id; rifcb@indo.net.id Tel: +62-251-316897 ; Fax : +62-251-338820</p>
4		<p>Dr. Dindo A. Tabanao Plant Breeding and Biotechnology Division Philippine Rice Research Institute Maligaya Munoz 3119, Nueva Ecija, Philippines databanao@yahoo.com; databanao@philrice.gov.ph Tel: +63-44-456 0258 Extn. 260 ; Fax: +63-44-456 0258</p>
5		<p>Mr. Nguyen Chi Thanh Department of Genetic and Plant Breeding Cuu Long Delta Rice Research Institute (CLRRI) Omon, Cantho City, Vietnam ntlang@hcm.vnn.vn; castlevnct@gmail.com Tel: +84-71-861386 ; Fax: +84-71-861457</p>
6		<p>Ms. Pham Thi Thu Ha Department of Genetic and Plant Breeding Cuu Long Delta Rice Research Institute (CLRRI) Omon, Cantho City, Vietnam ntlang@hcm.vnn.vn ; phamthithuhabt@gmail.com Tel: +84-71-861386 ; Fax : +84-71-861457</p>
7		<p>Ms. Soukphathay Simeuang Rice and Commercial Crops Research Center (RCCRC) National Agriculture and Forestry Research Institute P.O. Box 7170, Vientiane, Lao PDR kk_kongpanh@yahoo.com; Love_suphasai@yahoo.com Tel: +856-20-5601465 ; Cell: + 856-20-2482514</p>

NATIONAL PARTICIPANTS

Sl. No	Name and Address	
1		<p>Ms. P. C. Shini Sekhar EID Parry (I) Ltd., R&D Centre, 145 Devanahalli Road, Off Old Madras Road, Bangalore, Karnataka shinisekar@parry.murugappa.com</p>
2		<p>Mr. Sai Murali Raj Menon Spriha Biosciences Pvt. Ltd. 8-2-609/B/5/1, Road No. 11, Banjara Hills, Hyderabad 500 034, Andhra Pradesh saimurali@spriha.in</p>
3		<p>Mr. Ashok Kumar Patel VNR Seeds Pvt. Ltd. Ratana giri, First Floor, Near Kadla Nursing Home, Opp. RajKumar College, G. E. Road, Raipur 492 001 ashok.patel@vnrseeds.com</p>
4		<p>Mr. V. Senthil Andavar Rasi Seeds Pvt. Ltd. 273- Kamarajanar Road, Attur, Salem District, Tamil Nadu draja@rasiseeds.com ; rasimail@rasiseeds.com</p>
5		<p>Dr. G. K. Koutu Jawahar Lal Nehru Krishi Vishwavidyalaya Jabalpur, Madhya Pradesh</p>
6		<p>Mr. Patel Vipul Kumar P. Nath Biogene (I) Ltd., 3-5-855-4/4, First Floor, Near Petrol Pump, Hyderguda, Hyderabad 500 029, Andhra Pradesh vppatel113@gmail.com</p>

7		<p>Mr. S. B. Chavan Seed Works India Pvt. Ltd. Avenue 4, Banjara Hills, Hyderabad 500 034, Andhra Pradesh chavan@seedworksindia.com</p>
8		<p>Dr. Sushma Jha Mahyco Research Center, Jalna-Aurangabad Road, Dawalwadi, Maharashtra sushma.jha@mahyco.com</p>
9		<p>Ms. Sanjukta Banerjee Mahyco Research Center, Jalna-Aurangabad Road, Dawalwadi, Maharashtra sanjukta.banerjee@mahyco.com</p>
10		<p>Dr. Kishore Gaikwad Krishidhan Seeds Ltd. Post box #92, 34-C, Bus Stand Road Jalna, Maharashtra admin@krishidhanseeds.com</p>
11		<p>Dr. Ajay Tomar Krishidhan Seeds Ltd. Post box #92, 34-C, Bus Stand Road Jalna, Maharashtra admin@krishidhanseeds.com</p>
12		<p>Mr. S.C. Sawe Mahyco Research Center, Jalna-Aurangabad Road, Dawalwadi, Maharashtra Satishchandra.sawe@mahyco.com</p>

13		Mr. Kalmeshwar Gouda Patil Department of Genetics and Plant Breeding University of Agricultural Sciences, Bangalore kalmesh@gmail.com
14		Mr. G. Raghavendra Department of Biotechnology University of Agricultural Sciences, Bangalore raghu8060@gmail.com
15		Mr. Anantha MS Department of Genetics and Plant Breeding University of Agricultural Sciences, Bangalore anugenes@yahoo.com

For theoretical and practical training and for the lectures the Foundation invited Resource Persons from public and private sectors who have worked and published papers on Marker Assisted Selection, including in house research team of the Barwale Foundation.

A list of Resource Persons is as follows:

RESOURCE PERSONS

NAME & ADDRESS
Dr. A. K. Singh Principal Scientist Division of Genetics and Plant Breeding IARI, New Delhi aksingh36@yahoo.com Cell: 91-9899045037
Dr. Bharat Char Lead, Biotech Research Mahyco Dawalwadi, Jalna, Maharashtra Bharat.Char@mahyco.com Cell: 91-9823041555

NAME & ADDRESS
Mr. K. R. Kamalnath Reddy Senior Technical Research Fellow Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500034, Andhra Pradesh kamalnathreddy@barwalefoundation.org Cell: 91-9246827417
Mr. C. Mohan Kumar Varma Research Associate Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500034, Andhra Pradesh mohanvarma@barwalefoundation.org Cell: 91-9246827426

<p>Dr. C. S. Reddy Directorate of Rice Research Rajendranagar Hyderabad Andhra Pradesh drcsreddy@scientist.com, drcsreddy@gmail.com Cell: 91-9885309107</p>
<p>Mr. Dinesh C. Joshi Executive Director Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500 034, Andhra Pradesh dineshjoshi@barwalefoundation.org Cell : 91- 9246827411</p>
<p>Dr. I. C. Pasalu Former Head Dept. of Entomology, Directorate of Rice Research Rajendranagar, Hyderabad 500 030 Andhra Pradesh icpasalu@yahoo.co.in Cell: 91-40-23532676</p>
<p>Dr. M. L. Shanti Senior Scientist Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500 034, Andhra Pradesh shanti@barwalefoundation.org Cell: 91-9246827427</p>
<p>Mr. Pawan Khera Research Associate Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500 034, Andhra Pradesh pawankhera@barwalefoundation.org Cell: 91-9246827430</p>

<p>Dr. Devendra Payasi Scientist Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500 034, Andhra Pradesh dpayasi13@rediffmail.com Cell: 91-9701599494</p>
<p>Dr. H. E. Shashidhar Director Research Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500 034, Andhra Pradesh heshashidhar@barwalefoundation.org Cell: 91-9246827412</p>
<p>Dr. Meenakshi Sundaram Scientist Crop Improvement Section Directorate of Rice Research Rajendranagar, Hyderabad 500 030 Andhra Pradesh rms_28@rediffmail.com Cell: 91-9440488043</p>
<p>Dr. M. Venugopal Principal Investigator (Molecular Breeding & Applied Genomics) Mahyco, Dawalwadi Jalna, Maharashtra Venugopal.Mikkilineni@mahyco.com Cell: 91-9823618331</p>
<p>Mr. Abhinav Jain Research Associate Barwale Foundation # 8-2-703, A. G. Heights Road No. 12, Banjara Hills Hyderabad 500 034, Andhra Pradesh abhinav@barwalefoundation.org Cell: 91-9246827423</p>

Dr. R. Nirmala
Senior Scientist
Barwale Foundation
8-2-703, A. G. Heights
Road No. 12, Banjara Hills
Hyderabad 500 034, Andhra Pradesh
nirmala@barwalefoundation.org
Cell: 91-9246827435

Mr. Sachin Nikam
Senior Research Fellow
Barwale Knowledge and Study Centre
Plot # BT-4, Additional MIDC Area
Phase II, Jalna-Aurangabad Road
Jalna-431203, Maharashtra
sachin@barwalefoundation.org
02482-221191/220991

Ms A. Sai Harini
Senior Research Fellow
Barwale Foundation
8-2-703, A. G. Heights
Road No. 12, Banjara Hills
Hyderabad 500 034, Andhra Pradesh
akulasaiharini@gmail.com
Cel: 91-9985481624

Dr. Shubhada Rao
Scientist
Barwale Foundation
8-2-703, A. G. Heights
Road No. 12, Banjara Hills
Hyderabad 500 034, Andhra Pradesh
shubhadarao@barwalefoundation.org
Cell: 91-9246827429

Dr. T. Mohapatra
Senior Scientist,
National Research Centre on Plant
Biotechnology
IARI, New Delhi
tm@nrpcb.org
Cell: 91-9868872890

Dr. Richa Sharma
Scientist
Barwale Foundation
8-2-703, A. G. Heights
Road No. 12, Banjara Hills
Hyderabad 500 034, Andhra Pradesh
richasharma@barwalefoundation.org
Cell: 91-9246827425

Dr. Satish B. Verulkar
Associate Professor
Dept. of Plant Breeding & Genetics
IGKV, Raipur, Chhattisgarh
satishverulkar@yahoo.com
Cell: 91-9752152034

Mr. Vishnuvardhan Reddy
Scientist
Barwale Foundation
8-2-703, A. G. Heights
Road No. 12, Banjara Hills
Hyderabad 500 034
Andhra Pradesh
vishnuvardhanreddy.banda@gmail.com
Cell: 91-9908999937

Dr. S. P. Mehtre
Assistant Professor
Marthwada Agricultural University
Parbani
Maharashtra
spmehtre@yahoo.co.in
Cell: 91-9421462282
Phone: 91-2452- 223801 ext 322

Dr. Toshy Agrawal
Scientist
Barwale Knowledge and Study Centre
Plot # BT-4, Additional MIDC Area
Phase II, Jalna-Aurangabad Road
Jalna-431203, Maharashtra
toshyagrawal@barwalefoundation.org
Cell: 91-9246827415

Dr. Virupaxagouda Patil
Scientist
Indian Foundation Seed and Services
Association (IFSSA)
8-2-703, A. G. Heights
Road No. 12, Banjara Hills
Hyderabad 500 034, Andhra Pradesh
veerupatil@ifssa.org.in
Cell: 91-9246827413

Dr. V. V. Shenoy
Breeding Enablement Technologies Lead,
Monsanto Genetics India Pvt. Ltd.
(MGIPL)
Hyderabad
v.v.shenoy@monsanto.com
Cell: 91-9949098354

The whole program comprised of 18 lectures and 6 practical sessions addressing different theme(s) on each day.

The theme on the Biotic Stresses was addressed with special emphasis on bacterial leaf blight and blast resistance in rice. The participants were exposed to the “Basic Concepts on Gene Tagging and Mapping” and “major diseases of rice and the existing management options” through special lectures. Similarly the other areas addressed by the resource persons were on BPH and “MAS and Commercial Breeding Enablement”. Two lead lectures were delivered entitled “Drought Resistance” and “Overview of the Molecular Breeding Programs at Mahyco” respectively. On the last day the participants were exposed to different perspectives on Bioinformatics and Biofuel crops.

The program started with the brief inaugural address by Mr. Dinesh C. Joshi, Executive Director, Barwale Foundation in the presence of eminent scientists, resource persons and the participants.

A discussion was held on the possibility of networking in the interest of the participants in line with GCP goals.

A visit was arranged for all the participants to Maharashtra Hybrid Seeds Company Limited (MAHYCO) to provide the participants an exposure of the biotech capacity of an Indian Private Seed Company. The program was concluded with the distribution of certificates to the participants by Dr. Usha B. Zehr.

The training program generated a lot of enthusiasm and scientific temper amongst the participants. The lectures and the practical were well appreciated by the participants as evident by the feedback responses received. The participants were eager to update their knowledge and practical skills.

The support from GCP for the participation of international participants was much appreciated and greatly acknowledged.

Given below are some photographs taken during the International Workshop-cum-Training Program:









End of the Report