



National Meet on Betelvine

— Farmers, Traders and Researchers Interface

Organized by
Society for Promotion of Horticulture,
And
Indian Institute of Horticultural Research
Bengaluru

Date: 22nd & 23rd February 2014
Venue: IIHR, Bengaluru



Betelvine is an important commercial and a heritage crop of our country. It is cultivated throughout the country significantly contributing to the Indian economy in terms of employment and foreign exchange. Majority of the growers are small and marginal farmers and there is a great need to address the problems faced by them. It is proposed to conduct a National level interaction meet to take stock of technologies available and identify gaps and needs of the farmers and traders. It is proposed to bring together research groups working on this crop in different Institutions (ICAR, CSIR, and SAUs), growers from major states where the betelvine is grown and traders and other stakeholders on a common platform to discuss improvements needed in production, integrated crop management and post harvest technology. This helps in identifying the needs of the growers, traders and industry which in turn gives guidance to future research programmes. Interaction sessions with all the stakeholders can help in problems faced, developing action plans, exchanging ideas, designing collaborative research programmes and fostering new research net works which can be effective in problem solving.

An exhibition on the different aspects of the crop, technology awareness will be conducted with the participation of different centres working on the crop. It is also proposed to have field visit to CHES, Hirehalli where IIHR maintains large number of germplasm lines and many hybrids under evaluation.

The event is being organized with the following objectives:

- To provide a platform for researcher, farmers and other stakeholders of betelvine crop for interaction
- To identify gaps and technological needs of the growers
- To formulate an action plan for improving the economic returns
- To foster networks, collaborative research programmes
- To showcase technologies relevant to betelvine growers for creating awareness and adoption

Realising the importance of the crop and the need for dialogue, Society for Promotion of Horticulture, Bengaluru in collaboration with IIHR, is organizing interactive meeting on **“NATIONAL MEET ON BETELVINE: RESEARCHERS, FARMERS AND TRADERS INTERFACE” on 22nd & 23rd February 2014 at IIHR Bengaluru**. This meet is an attempt to bring together all stakeholders related to betelvine crop and deliberate and debate on strategies for enhancing economic returns and future prospects.



The program shall cover the following theme areas in technical sessions

- Crop improvement
- Crop Production
- Crop Protection
- Post Harvest and Value addition
- Alternate uses and Industrial prospects

Eminent and experienced scientists from reputed scientific organisations will be participating as resource persons to share their experiences.

Chief Patron : Dr. N.K.Krishna Kumar, DDG (Horticulture), ICAR, New Delhi.

Chairman : Dr.A.S.Sidhu, Director, IIHR and President, SPH, Bengaluru

Co-Chairmen: Dr. T.Vasantha Kumar, Head, Section of Medicinal Crops, IIHR, Bangalore

National Organising committee: Dr. S. B. Dandin, VC, UHS, Bagalkot

Dr. S. Maiti, Director & PC, DMAP, Anand

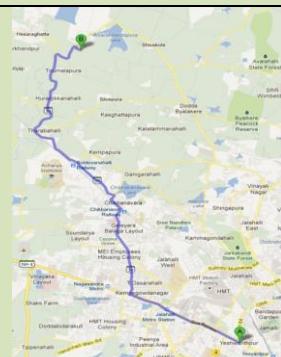
Dr. M. Anandraj, Director, IISR, Calicut

Dr. D. L. Maheswar, Director, DOH, GOK, Bangalore

Organizing Secretary: Dr. K. Hima Bindu. Principal Scientist, Section of Medicinal Crops, IIHR, Bengaluru

Organising committee

- Dr. M. R. Hegde
- Dr. L.B. Naik
- Dr. N. Loganathan
- Dr. T. S. Aghora
- Dr. D. H. Sukanya
- Dr. M. A. Suryanarayana



Route map

For further details kindly contact,

Dr. K. Hima Bindu, R.Mob/Tel: 09449040463 or 28466420 ext: 251

Email: bindu@iehr.ernet.in



Registration form

National Meet on Betelvine —

Farmers, Traders and Researchers Interface

Organized by

Society for Promotion of Horticulture

&

**Indian Institute of Horticultural Research,
Bengaluru**

Date: 22nd & 23rd February 2014 Venue: IIHR, Bengaluru

Name:

Designation:

Address for communication:

Phone/Mobile:

Email ID:

Category: Student/ SPH member/ General/ Corporate

Signature

Brief write up on National Meet on Betelvine - Farmers, Traders, Researchers Interface held on 22nd and 23rd February 2014 at IIHR, Bangalore.

The National Meet on Betelvine was organized at Indian Institute of Horticulture Research (IIHR), Bangalore on 22nd and 23rd February 2014. The day long meet was followed by a field visit to Conservatory and experimental plots of Betelvine at Central Horticultural Experimental Station (CHES) /Krishi Vigyana Kendra, Hirehalli on 23rd February, 2014. The National Meet was organized to take stock of technologies available and identify research gaps and needs of the all stakeholders. Eminent researchers from AICRP centre on Betelvine, CSIR (NBRI, CDRI), IIT, Kharagpur and SAUs who have expertise in this crop attended the meet. Farmers from eight major Betelvine growing states- Andhra Pradesh Assam, Bihar, Madhya Pradesh, Maharashtra, Orissa, Tamil Nadu and West Bengal participated. Developmental officials from the state departments of Horticulture/Agriculture especially Karnataka also attended the meet. All together around 200 participants attended and actively took part in the spirited deliberations.

Director, IIHR welcomed the dignitaries and participants Head; Medicinal Crops briefed the purpose of the meet. Dr. K.L. Chadha Former DDG (Hort), ICAR, Dr M.Mahadevappa, Former Chairman, ASRB were the Chief guests. Dr. D. L. Maheswar, Director, DOH, GOK emphasized the importance of the Betelvine and the department's commitment to help the farmers. Dr. N.K. Krishna Kumar, DDG (Hort), ICAR, Presided over the function and informed the Betelvine as a heritage crop grown commercially in different parts of country by small and marginal farmers for their livelihood. He stressed the need to evolve technologies to improve the economic returns to the Betelvine growers in the areas of crop production technologies, post harvest management and value addition. He also stressed for collection of basic data in the crop by the researchers. To mark the occasion a number of publications were released by the dignitaries.

An exhibition was arranged on the occasion showcasing the genetic variability present in the crop across different states, production systems of the crop and Insect pests affecting the crop, technologies available etc. Dr. K.L Chadha inaugurated the exhibition. Farmers also showcased their land races of Betelvine. There was interaction between dignitaries, scientists of various stalls and farmers.

Various sessions were arranged covering Crop Improvement, Crop protection, Post harvest Management and value addition, Marketing etc. Future research needs in those areas were discussed. Farmer's interactive session brought out various problems faced by the growers in production, marketing and the areas where support is needed from the developmental departments. The Plenary session made a unanimous recommendation to intensify the research and extension efforts to make the cultivation of Betelvine more profitable to the growers and concentrate more on its beneficial effects, alternate uses and value addition.

Field visit on the subsequent day to Central Horticultural Experiment Station/ Krishi Vigyan Kendra of IIHR at Hirehalli has generated keen interest and fruitful exchanges among farmers of different states and researchers. Farmers also interacted and prominent was the innovation of the farmer/s from Madhya Pradesh in growing quality leaf Betelvine cultivation in poly house. The technology needs to be validated and demonstrated among farmers.

National Meet on Betelvine

Recommendations:-

- 1. Rejuvenation pack for betel vine should be developed.**
- 2. Awareness of eco-friendly IPM should be published.**
- 3. Planting material of local and elite clones should be supplied to farmers.**
- 4. Farm advisory should be started.**

Rashtriya Mahila Mahotsav

- 1. Encouragement may be given to women entrepreneurs to take up the home products**
- 2. Government bodies should bring out a bulletin on the various schemes available for women entrepreneur's.**
- 3. A directory of NGO's who works for women may be published.**
- 4. National Seminar-cum-workshop strategies for improvement, enhancing productivity and utilisation of cucurbits.**
- 5. Cucurbits breeding should be mainly focused on collection & conservation.**
- 6. Improvement should be concentrated towards resistance breeding.**
- 7. Product diversification and post harvest handling should**
- 8. Strategies for conservation, improvement and utilisation of under-utilised fruit.**
- 9. Awareness should be created about conservation, improvement and utilisation of under-utilised fruits.**
- 10. Encourage all the fruit orchardists to plant these plants on the borders.**
- 11. Quality planting material of these plants should be produced in large quantity.**
- 12. National meet on distant hybridisation in horticulture.**
- 13. Inter-specific hybridisation of papaya, mango, guava, Annona crops should be initiated to incorporate quality parameters along with disease and pest resistance.**

- 14. Pollinators in increasing the production should be encouraged.**
- 15. Work on pre-breeding lines of different genetic stocks for biotic stress in various fruit crops should be initiated.**
- 16. One day National Farmers Meet.**
- 17. Problems faced by farmers on production should be addressed by developmental agencies & research Institutes.**
- 18. Problem solving approaches can be adopted in network mode.**
- 19. Utilisation of vertical spaces for first crop production.**
- 20. Identify the vegetable crops and varieties with scientific validation for vertical farming.**
- 21. GAP exclusively for vertical farming has to be worked out.**
- 22. Utilisation of high rise buildings which are already costing may be studied to suit vertical farming.**
- 23. National Conference on fruit breeding.**
- 24. Cryopreservation of important genetic resource may be explored.**
- 25. Research work on abiotic and biotic stress to specific crops specific diseases or pest may be intensified.**
- 26. Explore the possibility to introduce sandwich Ph.D. programme in reputed Universities within and outside India.**
