

National Seminar

Research and Developmental Advances in Spices,
Medicinal & Aromatic Crops Cultivation, Processing and Trade
for Prosperity of Indian Farmers

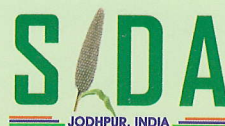
February 1-2, 2017



Organized by

**Society for Integrated Development of Agriculture (SIDA)
& Agriculture University, Jodhpur (Rajasthan), India**

Sponsored by : Directorate of Arecanut and Spices Development, Kozhikode, Kerala



National Seminar - SMAC 2017

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Spices, medicinal and aromatic crops (SMAC) are integral part of the Indian households. These crops are traditionally valued for their valuable medicinal and culinary properties. Being crops of high economic value and their demand in international trade, focus for potential exploitation of these crops for quality and quantity production are very much required. To overview the present status, advancements and future need for SMAC, a National Seminar is organized on “**Research and Developmental Advances in Spices, Medicinal and Aromatic Crops Cultivation, Processing and Trade for Prosperity of Indian Farmers**” from February 1-2, 2017 at Agricultural University, Jodhpur (Rajasthan).

These crops are generally low volume high value crops, this group includes all spices, seed spices, aromatic and medicinal crops. Under diversified cropping system, these crops can be of high significance. The market value of these crops highly depends upon the quality of the produce, quantum requirement which are gradually increased with time. The change in life style in current times for herbal products have also promoted the demand in numerous sectors engaged in human need based commodity production. Farmers have also shown keen interest in diversified farming based on SMAC, because of lucrative price incurred in sale of these commodities. Therefore, to assess the potential of SMAC, research advancement are taking place in developing of various technologies both for On-farm and Off-farm handling of the produce to cater the best quality produce. These research advancements can be presented over a platform provided by organizing the present National Seminar of SMAC-2107 at Jodhpur. The brainstorming event in shape of seminar will definitely provide valuable suggestion and recommendations for future research on these crops.

The national trade values for SMAC in terms of export have gone two to three folds in the last one decade. Indian sub-continent is known across globe for its SMAC specifically spices and seed spices. The agro-ecological conditions in the country are very favorable for taking up high quality of these crops. Contract farming of SMAC by multi-national firms has come up in the recent times. These advancements and production of produce to meet the international standards as per the *codex alimentarius* is the prime need to make Indian SMAC produce sustainable in developed world. Value added market is picking pace, the grading and processing of these crops are highly essential for the national benefit as this will add to the income of Indian stakeholders.

These crops play a valuable and important role in social, cultural and ecological aspects of local communities world over. Moreover, these commodities are an integral component of many local trade supply chains and since time immemorial. These crops have made significant contribution to human health and well-being. They are also contributing to farm household income generation through production, processing, marketing and trade. To harness the domestic and export potential of these commodities, there is vital need to enhance the production of quality produce as per international standard through adoption of latest technologies at different level of production system. However, this requires an improved INPUT and SERVICE delivery system including marketing and post-harvest technologies. For which care should be taken about the present challenges and in-turn its combat strategies *i.e.*, development of high yielding, short duration varieties, management of biotic and abiotic stresses and coping up mechanisms against the aberrant weather conditions, integrated packages for both inorganic and organic cultivation, highly efficient technology dissemination system, enhanced seed replacement rate of best performing varieties, market driven quality profiling based varietal cultivation, *etc.* Cultivation needs to be done on a business platform by a chain of small and micro-enterprise-based groups and individuals. In order to achieve economics and the desired impact, it may be necessary to intensify production of specific crops within selected production areas and as clusters of micro-enterprises. Considering these facts, a National Seminar is being organized on “Research and developmental advances in spices, medicinal and aromatic crops cultivation, processing and trade for prosperity of Indian farmers” by Society for Integrated Development of Agriculture at Agriculture University, Jodhpur in collaboration with Directorate of Arecanut and Spices Development, Kozhikode, Kerala. The seminar will consist of invited lead lectures as well as research findings in various prioritized theme areas.

THEME AREAS

The following broad areas have been identified for discussions in the seminar.

1. Genetic Improvement of spices, medicinal and aromatic crops using conventional and modern techniques for higher production and quality.
2. Advances in production technologies and including mechanization in these crops for enhancing productivity, input use efficiency and resource conservation under current scenario.
3. Technologies and strategies for environment friendly management of insect-pest and diseases of these crops.
4. Hi-Tech interventions and climate smart farming of these crops under adverse climate conditions.
5. Pollination management in spices and medicinal plants.
6. Development of spices cultivation in border areas of India.
7. Post-harvest handling, processing, safe storage, packaging and value addition for high profitability of spices, medicinal and aromatic crops
8. Supply chain management, quality aspects, marketing and export for harnessing marketing potential and farmers linkages.
9. Extension strategies, interaction with stake holders and ICT based models for dissemination of technologies at user end.

Besides the above mentioned themes a Scientist & Stakeholders Interface involved in SMAC will also be organized to discuss the burning issues and researchable areas for promoting the trade of these crops.

ABOUT THE UNIVERSITY

Agriculture University, Jodhpur was established in year 2013 with its headquarters at Jodhpur to cater the research, extension and education needs in the agriculture sector of arid and semi-arid regions of the state. At present there are two research stations and three research sub-stations for catering the location specific research need of the area through AICRPs and other need based non-plan research projects. University has been actively engaged in transfer of technology to boost the rural economy of the region through the setup of six KVKs. University has been imparting education in agriculture and allied disciplines through three colleges at Jodhpur, Nagaur and Sumerpur and one institute of diploma in Agriculture at Nagaur.

ABOUT THE VENUE

The seminar will be held at Agricultural University, Jodhpur (Rajasthan). Jodhpur is a historic city, known as the "Sun City", having its origin dates to the year 1459 AD when it was founded by Rao Jodha, the Rajput chieftain of the Rathores. It is called the Gateway to Desert, as literally it is on the edge of the Thar Desert. Jodhpur is best known for Mehrangarh (Majestic Fort), Umaid Bhawan Palace, Mandor Garden and Clock Tower. The city is famed for its traditional sweets and spicy savories. Lending a romantic era to Jodhpur, are its exquisite handicrafts, folk dances, folk music and the brightly attired people. Jodhpur has also emerged as Centre for Academic Excellence where apart from Agriculture University and CAZRI, a number of institutions like IIT, AIIMS, DRDO, ISRO, AFRI, National Law University, Ayurvedic University, Police & Forensic Science University, FDDI, NIFT, ONGC etc. are located. Famous Osian sand dunes are about 60 km away from the city. Jodhpur city is well connected with the national capital and other Indian cities through Air, Rail and Road transport. The University is located within 10-15 kms of the respective terminals. Jodhpur is about 600 km away from Delhi, 300 km from Jaipur, 450 km from Ahmedabad and 280 km from Udaipur. Weather during the February month will be pleasant with temperature ranging from 12°C to 28°C. Warm clothing will be required.

ACCOMMODATION

The registration fee does not include accommodation charges. Limited accommodation is available in the university guest house. Most of the delegates will have to stay in the hotels and private guest houses. A wide range of hotels and guest houses is available in the vicinity of the seminar venue. The likely tariffs and contact details of various hotels will be uploaded on the university website at least 15 days before the seminar dates.

CALL FOR ABSTRACTS AND PAPERS

Abstracts are invited on any of the above themes or other related areas. While invited articles would be presented through oral presentations, the voluntary papers would be presented through oral or poster presentations. The abstracts should not exceed 300 words, typed in MS word format with double space leaving 2.5 cm margin on all sides on A-4 size paper. The font should be Times New Roman in 12 pt size. Three to five key words should be given below the abstract in italics. The abstract should be sent through e-mail at sidajodhpur@gmail.com. Author(s) will be intimated regarding the acceptance of the papers and mode of presentation (oral/poster) after peer review. All the accepted papers will be published in the form of proceedings.



GUIDELINES FOR PRESENTATION

Lead author of the abstract will have to present the work through oral or poster presentation. For oral presentation, 10 minutes will be allowed with including discussion.

POSTER

Research based or theme based paper is preferred. Limit the text to about one-fourth of the poster space, and use "visuals" (graphs, photographs, schematics, maps, etc.) to describe the "story." The entire poster must be mounted on a 3 x 4 feet foam-core board/hard board (portrait). The material should be displayed in logical sequence (Title, author (s), Affiliation, Introduction, materials & methods, result, conclusion and 1-2 references). Single sheet printed posters are preferred.

AWARDS

There is also a provision for outstanding Scientist Award; interested Scientists working in the field of prescribed theme areas can forward their full bio-data to organizing secretary. The presentation / posters will be evaluated by a jury of eminent scientists separately for Scientists and Students/SRF/RA for the awards. Best presentation /posters will be awarded in the valedictory function of seminar.

IMPORTANT DATES

- **Last date of Abstract submission** : January 10, 2017
- **Intimation of acceptance of abstracts** : January 15, 2017
- **Submission of full length papers** : January 20, 2017
- **Acceptance of full length papers** : January 25, 2017
- **Last date for Registration** : January 28, 2017 (without late fee)
- **Seminar dates** : February 1-2, 2017

REGISTRATION

All participants are required to register in advance as per the schedule and fee mentioned in registration form. Online registration facility and online fee payment option are also available at www.aujodhpur.ac.in

SPONSORSHIP

Sponsorship for the Seminar are invited from various stakeholders involved in SMAC & organizations, professionals, manufacturers and suppliers of instruments, equipments, chemicals, glassware, plastic ware, software suppliers and contractors etc. as per following :

Sponsorship Category	Sponsorship Amount (Rs.)
Platinum	50,000/-
Gold	30,000/-
Silver	20,000/-

The Platinum sponsor will get free advertisement in banners, posters and souvenir (Full page colour). Gold sponsor will get free advertisement in banners, posters and souvenir (Full page B &W). Silver sponsor will get free advertisement in banners, posters and souvenir (Half page B &W). In addition to above, sponsorship for Conference Lunch and Dinner are invited separately.

Please Return the Registration Form to:

Dr. M L Mehriya, Organizing Secretary, National Seminar - SMAC 2017

Agriculture Research Station (Agriculture University, Jodhpur), Mandor, Jodhpur, (Rajasthan) 342 304

E-mail : sidajodhpur@gmail.com, mlmehriya@gmail.com • web. : www.aujodhpur.ac.in • Phone : 0291-2570711, 2574568, 9414663289



NATIONAL SEMINAR

“Research and Developmental Advances in Spices, Medicinal and Aromatic Crops Cultivation, Processing and Trade for Prosperity of Indian Farmers”

February 1-2, 2017

REGISTRATION FORM

DELEGATE DETAILS

- Name :
- Designation :
- Organization :
- Mailing Address :
- Phone/Mobile :
- E-mail :

PARTICIPATION IN SCIENTIFIC SESSION

I plan to contribute Abstract Full Paper None

Title of the paper

Theme No.

Date :

Signature

REGISTRATION FEE & PAYMENT Details

- SIDA Life Members : ₹ 2500/-
- Non SIDA Members : ₹ 3000/-
- Research Fellow : ₹ 1500/-
- Student : ₹ 1000/-
- Accompanying Person : ₹ 1000/-
- Industry Representatives : ₹ 5000/-

1. Registration fees includes conference kit, access to conference sessions, lunch & specified dinner coupons.
2. Registration can only be confirmed upon receipt of payment or proof of payment. Students are required to provide ID proof while receiving conference kit.
3. Confirmation email will be sent once registration has been successfully processed.
4. The registration fees is non-refundable.
5. There will be late fees of Rs.500/- in each category after the due date of registration

I enclose multicurrency cheque/crossed demand draft No. dated.....of ₹ in favour of “SIDA, Agriculture University, Jodhpur” towards registration fees payable at Jodhpur 342304 (Raj.).

Online registration and online fees payment details are also available at www.aujodhpur.ac.in

FOR ONLINE TRANSFER, THE ACCOUNT DETAILS ARE:

Name of Bank & Branch : ICICI Bank, Lalsagar, Jodhpur
Account No. : 683001700427

• Name of A/c holder : SIDA, Agriculture University, Jodhpur
• IFSC Code : ICIC0006830

Please Return the Registration Form to:

Dr. M L Mehriya, Organizing Secretary, National Seminar - SMAC 2017

Agriculture Research Station (Agriculture University, Jodhpur), Mandor, Jodhpur, (Rajasthan) 342 304

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