ICAR Sponsored Winter School
on
Doubling Income Through Advance Approaches for Fruits and Vegetables in the Arid Region
From 28th Oct. to 17th Nov., 2017

Course Director: Prof. P. L. Saroj
Course Coordinators: Dr. B. D. Sharma
Dr. M. K. Jatav

Junagarh Fort, Bikaner

CORRESPONDENCE
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Organized by
ICAR-Central Institute for Arid Horticulture
Sri Ganganagar Road, Beechwal, Bikaner-334 006, INDIA
ABOUT THE COURSE

In India, about 42% of the total geographical area is under hot arid and semiarid conditions. Harsh environmental conditions in the Indian Peninsula and peninsular India and cold and arid region on the Western and Northern outskirts. This region is characterized by high and low temperatures, low rainfall, low relative humidity, high potential evaporation, high sunshine, abundant solar energy, sparse vegetation and high wind speed during summer.

Sustainable livelihood of resource poor farmers is the top priority for the nation today. The productivity of various horticulture commodities in arid and semi-arid regions are far below than the potential productivity. Hence, sustained and steady growth in rural income is critical for positive impact on living standard of various stakeholders. Recently, our Hon’ble PM has proposed an agenda of doubling the farmers’ income by 2022. In this context, the farm income of resource poor farmers in the arid regions could be improved substantially through advance approaches/technologies in the field of fruits & vegetables production and their post harvest management. In doubling the farmers’ income, major constraints in fruit and vegetable production of arid ecosystems are (i) Low crop productivity, (ii) Poor soil conditions and ground water resource, (iii) YIELD loss due to abiotic stresses (Low and erratic rainfall) (iv) Low availability of quality plant material (v) Inadequate crop diversification and Post harvest losses (vi) Resource constraint farmer resulting in poor adoption of recommended package of practices (vii) Bio-physical constraints.

However, to double the income of farmers by 2022, in numerical terms would imply restructuring agriculture processes & policy interventions. The net income of farmers can surely be doubled within the stipulated period by efficient management of water and agri-input, integrated agriculture-based farming system, better market price realization and thereby improving productivity of arid horticultural crops.

The Institute since its inception in April, 1993 has conducted several mission oriented research for improvement and development of horticultural and horticulture based cropping system under arid and semi-arid environment and acted as repository of information related to arid horticulture. The Institute has released improved varieties of fruit and vegetable for arid region. Technologies on agro-techniques such as propagation, planting systems, crop geometry, canopy management, plant architecture engineering, fruit growth and development, crop diversification, protected cultivation, moisture conservation techniques, tissue sampling techniques, organic cultivation, tunnel cultivation, fruit based various cropping models, micro-irrigation, fertigation, IPM/UDM have been standardized. Post harvest management and further streamlining them into value added products have been worked out in date palm, bael, karonda, kachri, pomegranate, snoopmelon, ber, ker, lasoda, mulberry, kinnow, aloe vera and vegetable type cactus pear.

The Institute is also shouldering the responsibility of the All India Coordinated Research Project on Arid Zone Fruits spread over at eighteen centers in ten states and developed various agro techniques and varieties of arid fruits.

The present winter school will try to address the major issues for arid horticultural crops for doubling income through advance approaches for fruit and vegetables in the arid region and disseminate the technologies developed to the participants, so that these can be translated on the farmer’s field for optimum utilization of these scarce resources for doubling income of farmers in the arid region. In Arid zone agro-climate offers a great potential for production of high quality produce, there is great opportunity for production for export. There is great scope for developing high value products from the indigenous produce. The high solar radiation resource in the arid areas provides opportunity for its harvesting by optimization of cropping system models incorporating multi-layer receptor crops. As part of dedicated efforts of ICAR-CIAH along with Coordinating centers of AICRP-AZF, immense information has been generated and the need of the hour is to share information with agricultural scientists/extension worker who are engaged in similar line of work.

HOW TO APPLY

Eligible and interested candidates may submit application form in prescribed proforma or apply online as per the steps given: 1. Visit the website http://www.iisri.res.in/chp or click on capacity building programme link at http://icar.org.in 2. Login using your User ID and Password. To create User ID use “Create New Account” link 3. After login, click on “Participate in Training” link and fill the proforma. Take a printout and send nomination duly forwarded by the competent authority in the prescribed format to Prof. P. L. Saroj, Director, ICAR-CIAH, Beechвал, Bikaner - 334006 alongwith Demand Draft of Rs. 50/- as registration fee (non-refundable) in favour of ‘ICAR Unit-CIAH payable at Bikaner.}

ELIGIBILITY

Applicant should be Post Graduate in any branch of Horticulture/Agriculture and not working below the rank of Assistant Professor or equivalent in the concerned subject under the NARS or SAUs.

TRAVEL

Participants will be paid travel fare to and fro by the shortest route restricted to the maximum of AC-II tier fare or bus or any means of transport in vogue, as the case may be, as per the norms & guidelines of ICAR.

BOARDING AND LODGING

Free Boarding and Lodging (shared) will be provided to participants only during the training programme by ICAR-CIAH, Bikaner.

Number of Participants : 25

Important Dates : Last date of nomination: 30.09.2017
Communication of selection: 03.10.2017

VENUE : ICAR-CIAH, Beechwal, Bikaner- 334 006 (Rajasthan).

Winter School on “Doubling income through advance approaches for fruit & vegetables in the arid region”

From 28th Oct. to 17th Nov., 2017

Application format for participation in Winter School

1. Full Name (in block letter):
2. Designation :
3. Present employer address:
4. Address to which reply should be sent (in block letter):
5. Present :
6. Date of Birth:
7. Sex:
8. Teaching/Research/Professional experience (mention post held during last five years and number of research publications) :
9. Marital status : Married/Unmarried
10. Mention if you have participated in any Summer/ Winter School/ Short course, etc. during the last (5) years under ICAR/Other organizations
11. Draft/Postal Order No. ........................... dated ........................................
of Rs. 50/- (in favour of ICAR Unit CIAH, payable at Bikaner) towards registration (Non Refundable),