

**APPLICATION FORM FOR PARTICIPATION IN MODEL TRAINING COURSE**

(To be sent directly to the Course Director)

1. Full Name (in Block Letters) : .....
2. Designation : .....
3. Present Employer & Address : .....
4. Address to which reply should be sent  
(in Block letters) : .....
- E-mail ID : .....
- Phone/Fax/ Mob : .....
5. Permanent Address : .....
6. Date of Birth : .....
7. Sex : Male  Female
8. Marital Status : Married  Unmarried
9. Mention if you have participated  
in any summer/winter/short course  
etc. under ICAR/other organizations: .....

10. Academic Records :

Examination Passed	Subjects Main/Subsidiary	University or Institute	Year of Passing	Class, Ranks, Distinction etc.
Bachelor degree				
Master degree				
Ph.D.				
Others				

11. Professional Experience : .....  
and publications (last 5 years)

Date:

Place:

Signature of the applicant

12. Recommendation of forwarding Institute: .....

Signature with seal

**Certificate**

It is certified that the information has been furnished from the office record and was found correct.

Date:

Signature and Designation of the  
Sponsoring authority with address

**INFORMATION BROCHURE**

**MODEL TRAINING COURSE**

**ON**

**Good Agricultural Practices in Litchi**

**23<sup>rd</sup> to 30<sup>th</sup> November, 2015**



**ICAR- National Research Centre on Litchi**  
**Muzaffarpur- 842002 Bihar**



## OVERVIEW OF THE MODEL TRAINING COURSE

Litchi (*Litchi chinensis* Sonn, family Sapindaceae) is one of the important subtropical fruit known for its delicious, flavoured, sweet and juicy aril. Litchi is an evergreen fruit crop which has potential in the regions having sub-tropical to tropical climate with sufficient low temperature (<20<sup>o</sup>) required for flowering.

India is the second largest producer of litchi with a total area of 84000 hectares, accounting for 8.9 per cent of the world's total area under the crop with an annual production of 5,98,600 tonnes (21.9 per cent of the world's production) and average productivity of 7.21 tonnes per hectare. In India, it is mainly grown in the states of Bihar, Jharkhand, Orissa, Punjab, Tripura, Uttaranchal and West Bengal. However, the other States like Chhatisgarh, HP, Kerala, Karnataka, Andhra Pradesh, Tamil Nadu and Madhya Pradesh also has good potential. The commercial varieties ruling the market are Shahi, Rose Scented, China, Bedana and Purbi. Shahi is the leading variety and accounts for over 60 per cent of the total area, followed by China. These varieties bear large size fruits with excellent quality and area heavy yielder producing up to 150 kg fruits per tree. Shahi has been the preferred choice variety for market, as its aril possesses a delicious rosy flavor, remains tight for a longer period and has better keeping quality.

In view of the vast potential of litchi in the Country and the available advanced knowledge on various aspects of Good Agricultural Practices with ICAR-NRC on Litchi, Muzaffarpur, the DAC has decided to sponsor a Model Training Course for field functionaries and officers of various States and line departments, who can enrich their knowledge with modern tools of Litchi production.

## Objectives

1. To impart knowledge about GAP in Litchi for improved production.
2. To provide common platform for participants to discuss their problems in litchi production.
3. Exposure to various aspects of crop management and hands on training with role model farmers.

## FACILITIES AVAILABLE AT ICAR-NRCL

- The Centre has well equipped laboratories.
- The Centre has a modern Farm (40 ha) with latest implements required for Good Agricultural Practices.
- The well-equipped laboratories for Plant tissue analysis, soil analysis, plant physiology, Plant Protection and microbiology, post-harvest handling along with Advanced Instrumentation Lab at the Centre.
- The Centre has modern Nursery with number of Green houses and propagation structures.
- The library has a good collection of literature in the field of litchi cultivation and other related fields including Hindi literature in horticulture and allied areas. It has 1340 books including recent editions of 400 reference books, 16 encyclopedias and 30 vol. of Britannica. Currently, 11 Indian and 11 International journals are being subscribed.
- The centre has published 10 technical bulletins and 9 extension bulletins that are available in the library for internet connectivity.
- The Centre has an Agriculture Knowledge Management Unit (AKMU) to manage the knowledge database with software of international repute such as SAS, CAB abstracts, horticultural abstract and other computing software's. The facility of LAN and server is being installed. Currently, it has NKN facility from Rail Tel internet connectivity. The centre has its website with url <http://nrclitchi.org>.

## SALIENT COURSE CONTENTS

The course content will broadly cover the following topics in reference to GAP in Litchi

- Cultivar selection.
- Plant selection and establishment.
- Canopy architecture and management.
- Orchard floor management.
- Special management for quality production.
- Balance nutrition.
- Water Management.
- Organic farming.
- Rejuvenation protocol and Mycorrhiza management.
- Pest and disease management.
- Post-harvest handling.

## VENUE & DURATION

The Model Training Course will be organized at ICAR-NRCL, Muzaffarpur. The duration of the training will be for a period of 8 days from November 23-30 November, 2015.

## WHO CAN PARTICIPATE?

The officers/Scientists of State Departments (Horticulture/Agriculture) will be given first priority and fully funded however the Scientists of SAUs/KVKs/ICAR can also be accommodated but their TA/DA will be borne by parent institute.

## HOW TO APPLY?

Applications are invited from eligible candidates in the given format. Applications in the prescribed format should be sent through proper channel to the Course Director. Forms are also available on the Institute's website ([www.nrclitchi.org](http://www.nrclitchi.org)). The last date for receiving nominations is **31<sup>st</sup> October, 2015**

## SELECTION AND CONFIRMATION OF PARTICIPANTS

The total number of participants will be 20. A list of candidate will be prepared as per the criteria developed for the course and will be displayed in the ICAR-NRCL website and intimation will be sent to the selected participants.

## TRAVEL, BOARDING AND LODGING

The boarding, lodging, and TA expenses of the selected participants from the State Departments of Agriculture, Horticulture and others will be met from the funds provided by the Ministry of Agriculture as per norms and operational guidelines for organization of Model Training Courses. Participants will be paid to-and-fro fare for journey by train (up to II AC) as per their entitlement or bus or other means of transport in vogue as the case may be. Actual TA will be paid on production of tickets/certificate by the participants. However, for the participants coming from ICAR/SAUs/KVKs, the TA and DA expenditure will have to be borne by their nominating organization/institute, and the boarding and lodging will be provided by the organizers. The participants will be accommodated in ICAR-NRCL guest house located in the campus of ICAR-National Research Centre on Litchi, Muzaffarpur/and or nearby available facilities.

## ABOUT ICAR-NRCL, MUZAFFARPUR & HOW TO REACH?

National Research Centre on Litchi (NRCL) was established at Muzaffarpur, Bihar on 6<sup>th</sup> June, 2001 to carry our research on all aspects of litchi in a mission mode approach. NRCL acts as a nodal institution for research and development of litchi and provide leadership at national level. It also acts as a national repository of information on litchi production, processing, value addition and provides consultancy services to end users. The Centre is located at Mushahari, on Muzaffarpur-Pusa Road at which it is about eight km from Muzaffarpur railway station. The area has typically subtropical climate.

The Centre is located in the northern part of the Bihar having a distance of 85 Km from Patna and 25 km from historic place Vaishali (*Birth place of Lord Budha*) on the bank of river Gandak. The climate during November is pleasant with maximum and minimum temperature of 35-2<sup>o</sup>C respectively.

## IMPORTANT DATES

Last date for receipt of nomination	:	31 <sup>st</sup> October, 2015
Intimation of selection	:	2 <sup>nd</sup> November, 2015
Last date of confirmation from Participants	:	09 <sup>th</sup> November, 2015

## COURSE DIRECTOR

**Dr. Vishal Nath**  
Director  
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## COURSE COORDINATORS

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