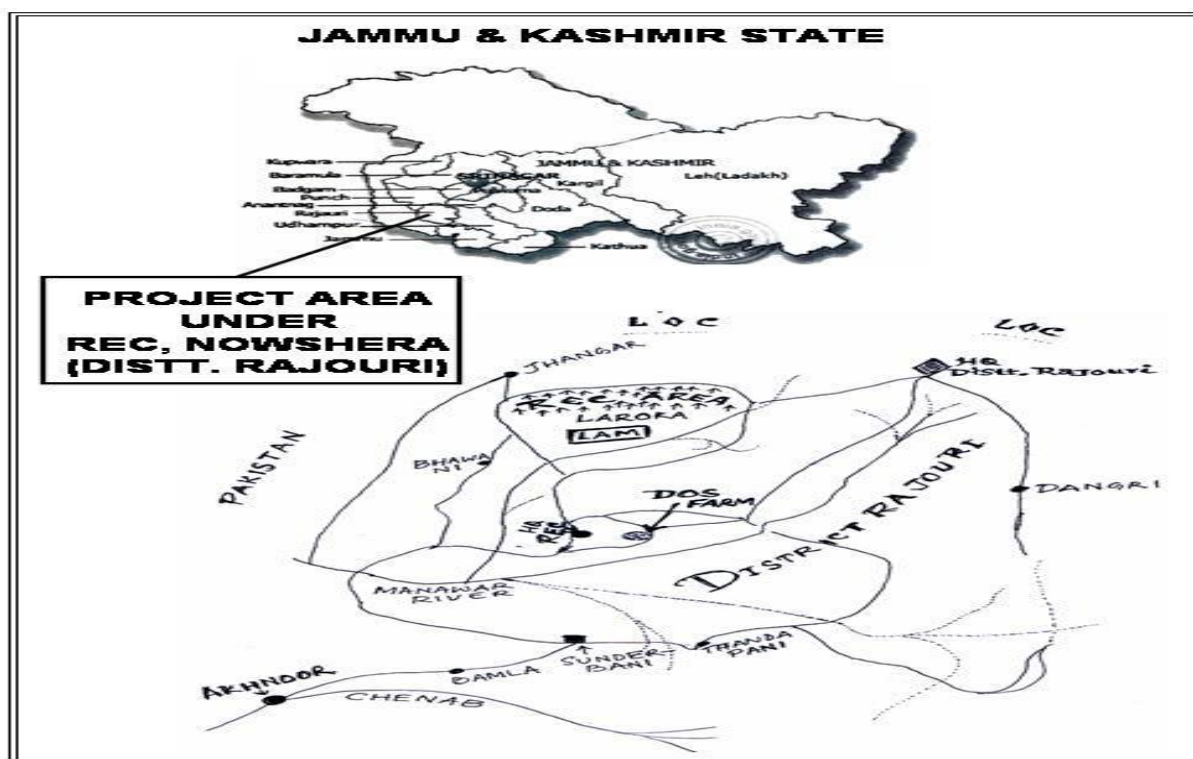


**Research Extension Centre cum Cluster Development Centre,  
Central Silk Board, Min. of Textiles, Govt. of India,  
NOWSHERA-185151, Rajouri (J&K)**

**Introduction**

Research Extension Centre, Central Silk Board was established in the April 2005 at Nowshera. Dist. Rajouri and converted into Cluster Development Centre in the year 2008-2009 for the development of sericulture in the area. The operational area is Lam, Laroka and Kampala villages of Tehsil Nowshera situated at LOC/ International Border of Pakistan. The topography of the area is semi-hilly; altitude varying from 700-800 meters MSL, perennial vegetation of Conifers, Sehsun and Mulberry etc. Climate of the area is sub-tropical with temperature going up to 40<sup>0</sup>C during summer and 1<sup>0</sup>C during winter. Silkworm rearing is practised during spring (March- April) and autumn (August- September).

**Geographical situation:** - REC/CDC, Nowshera is situated at Jammu- Poonch national highway at a distance of 125 Km. from Jammu. The Nearest railway, station/airport is Jammu. The district headquarter Rajouri is at a distance of 50 Km. from Nowshera. Nowshera is situated at 33<sup>0</sup>9'368''N. 74<sup>0</sup>14'417''E. longitude and altitude varying from 700-800 MSL.



**Maximum/Minimum Temperature:** - Maximum 42<sup>0</sup> C and Minimum 1<sup>0</sup>C.

**Area of Operation:** - Lam, Laroka, Kampala village with headquarter at Nowshera which is 35 Km. from Nowshera. and 160 Km. from Jammu

**Mandate of centre:** -

1. Popularization of New technologies and its demonstration at farmer's Level in field.
2. Stabilization of commercial crop during autumn.
3. Survey and monitoring of disease/pest of silkworm and mulberry.
4. Holding of Field/Farmers Days, Group Discussions, Vichar Gosthis etc.
5. Imparting necessary training to farmers.
6. Catering to feedback on impact of various field orientation technologies.
7. Introductions of new mulberry and silkworm hybrid for improvement.

**Area under Mulberry cultivation: -**

1. REC Farm, Nowshera	: 2.00 Acre
2. CRC Nowshera	: 0.50 Acre
3. CRC, Laroka	: 0.50 Acre
4. CRC, Kampala	: 0.50 Acre
<b>TOTAL</b>	<b>: 3.50 Acre</b>

**Mulberry Varieties: -**

1. REC Farm, Nowshera	: S146, Chinese White, TR10, Mandalay
2. CRC Nowshera	: TR10
3. CRC, Laroka	: TR10, Chinese white and Local
4. CRC, Kampala	: Local and Mixed

**Irrigation Status: -** Rain fed

**Office Building: -** Currently the office of the centre is hosted in a rented building.

**CRC Facility: -**

a. Building	: 03; one each at Nowshera, Laroka, Kampala
b. Trays Plastics	: 275 at each CRC
c. Rearing Stands	: 10 at each CRC
d. Heating device	: Conventional
e. Temperature C. S.	: Manual
f. Power available	: Temporary during rearing for 12 hrs only
g. Leaf Preservation	: Manual
h. Chawki Garden	: One at each centre
i. Microscopic Examination facility:	Partially
j. Cocoon assessment facility:	Not Available
k. Water facility at CRC	: Not Available

**Cocoon Drying Facility:** Three hot air dryers for drying cocoons have been established one at each CRC.

**Training Initiatives:** - The centre takes up training programmes from time to time throughout the year. Besides giving the theoretical knowledge to the farmers, hands on practical training is also imparted side by side by the Centre. The centre takes up the training programmes as per the calendar approved by CSR&TI Pampore and RSRS, Miransahib Jammu.

### CALENDER OF COMMUNICATION PROGRAMMES ( 2012-2013 )\*

<b>Date</b>	<b>Programme</b>	<b>Theme</b>	<b>Venue</b>
19.04.2012	GROUP DISCUSSION/ FILM SHOW	Cocoon harvesting , sorting and storing/ Mulberry cultivation	<b>LAM</b>
27.05.2012	FARMER/FIELD DAY	Disinfection of rearing houses and implements	<b>LAROKA</b>
05.06.2012	FILM SHOW	Mulberry Cultivation	<b>KAMPALA</b>
12.07.2012	GROUP DISCUSSION	Mulberry Cultivation under rainfed conditions	<b>LAROKA</b>
25.07.2012	FARMER/FIELD DAY	Mulberry Cultivation in monsoon	<b>LAM</b>
07.08.2012	GROUP DISCUSSION	Vermicompost preparation	<b>KAMPALA</b>
25.08.2012	AWARENESS PROGRAMME	New techniques in silkworm rearing	<b>LAROKA</b>
12.09.2012	GRUP DISCUSSION	Harvest , transport and preservation of leaf	<b>LAROKA</b>
25.09.2012	AWARENESS PROGRAMME	New techniques in silkworm rearing	<b>KAMPALA</b>
18.10.2012	VICHAR GOSTHI	Assessment of cocoon crop, achievements and interaction with farmers	<b>LAROKA</b>
07.11.2012	FARMER/FIELD DAY	Plantation of mulberry in winter season	<b>LAM</b>
13.12.2012	FILM SHOW	Mulberry pest and diseases and their management	<b>KAMPALA</b>
09.01.2013	GROUP DISCUSSION	Silkworm diseases and their management	<b>LAM</b>
22.01.2013	GROUP DICUSSION/ FILM SHOW	Role of Disinfection in silkworm rearing/ Silkworm rearing	<b>LAROKA</b>
06.02.2013	GROUP DISCUSSION	Preparation for spring rearing	<b>LAROKA</b>
19.02.2013	FARMER/FIELD DAY	Role of Chawkie rearing and leaf preservation in silkworm rearing	<b>KAMPALA</b>
05.03.2013	GROUP DISCUSSION	Silkworm rearing and disease management	<b>LAM</b>
21.03.2013	AWARENESS PROGRAMME	New techniques in mulberry cultivation	<b>LAROKA</b>

## 2. TRAINING CALANDER OF FFS NOWSHERA (2012-13) \*

S.No.	Name of the Course	Theme	Intake per batch	Schedule of training	Actual Date of training	Resource person
1	Late age rearing	Shoot rearing technology ,leaf preservation, moulting care	15-20	April (5 Days)	04.04.2012	Dr.M.K.Tayal(Theory)
					05.04.2012 to 08.04.2012	REC Staff (Practical)
2	Silkworm Disease management	Common Silkworm diseases ,preventive measures for control of silkworm diseases	15-20	April (5 Days)	04.04.2012	Dr.M.K.Tayal(Theory)
					05.04.2012 to 08.04.2012	REC Staff (Practical)
3	Use of bed disinfectants	Different bed disinfectants , schedule of their application, precautions, hygiene maintenance	15-20	April (5 Days)	04.04.2012	Dr.M.K.Tayal(Theory)
					05.04.2012 to 08.04.2012	REC Staff (Practical)
4	Mounting Techniques	Mounting Techniques, use of different mounting materials/mountages	15-20	April (5 Days)	19.04.2012	Dr. S.K.Raina(Theory)
					20.04.2012	REC Staff (Practical)
5	Cocoon harvesting ,sorting and drying	Cocoon harvesting and sorting Cocoon drying and preservation	15-20	April (5 Days)	19.04.2012	Dr. S.K.Raina(Theory)
					20.04.2012	REC Staff (Practical)
6	Plantation raising during monsoon	Tips for successful Plantation during monsoon	15-20	July (2 Days)	02.07.2012	Dr. B.K.Singhal (Theory)
					03.07.2012	REC Staff (Practical)
7	Autumn rearing in subtropics	Tips for successful rearing during Autumn season, preservation of leaf , maintenance of Temperature and Humidity	15-20	Sept. (5 Days)	06.09.2012	Dr. T.P.S. Chauhan (Theory)
					07.09.2012 to 10.09.2012	REC Staff (Practical)
8	Mulberry Cultivation	Selection of mulberry varieties, nursery raising ,propagation, planting techniques and improved package of practices for quality leaf production	15-20	Dec.. (5 Days)	04.12.2012	Dr. R.K.Pandey(Theory)
					05.12.2012 to 08.12.2012	REC Staff (Practical)
9	Mulberry tree raising in terraces	Package of practices for mulberry tree cultivation, suitable mulberry varieties	15-20	Dec.. (2 Days)	04.12.2012	Dr. R.K.Pandey(Theory)
					05.12.2012	REC Staff (Practical)
10	Disinfection Techniques	Preparation of various disinfectants , usage and importance of disinfection	15-20	March (2 Days)	15.03.2013	Dr. T.P.S. Chauhan (Theory)
					16.03.2013	REC Staff (Practical)
11	Young age rearing	Young age silkworm rearing and organization of commercial CRC and maintenance of Chawkie garden	15-20	March (5 Days)	15.03.2013	Dr. T.P.S. Chauhan (Theory)
					16.03.2013 to 19.03.2013	REC Staff (Practical)

\*The calendar has been approved by CSRTI Pampore and RSRS Jammu

Besides the centre also conducts various programmes for Women empowerment and also conducts trainings under Integrated Skill Development Scheme.

**Establishment of Vermeries at farmer level:** 07 vermeries have been developed at farmer level.

Sl.No.	Name & address of the farmers	Developed during the year
1	Sh. Dass Ram S/O Sh. Sita Ram, Laroka	2009-10
2	Sh. Rajinder Kumar S/O Sh. Beli Ram, Lam	2009-10
3	Sh. Ram Lal S/O Sh. Munsi Ram, Laroka	2009-10
4	Sh. Darshan Lal S/O Sh. Kichu Ram, Kampala	2009-10
5	Sh. Chuni Lal S/O Sh. Ram Saran, Laroka	2010-11
6.	Sh. Tarvinder Singh S/O Sh. Harnam Singh, Lam	2010-11
7.	Sh. Som Raj S/O Sh. Lehna Ram, Kampala	2010-11

**Computer Facility:** - One operational computer with printer available

#### Staff Details

Sl. No.	Designation	No.
1.	Officers/Scientist	01
2.	Technical Assistant	04
3.	Field Assistant	01
4.	Skilled TSFWs	07
	<b>TOTAL</b>	<b>13</b>

PAY DETAILS OF THE STAFF OF RESEARCH EXTENSION CENTRE,  
CENTRAL SILK BOARD, NOWSHERA  
(February 2012)

	Name	Designation	Basic Pay	Grade Pay	Other Allowances	Gross Pay	Deductions	Net Pay
1	Dr.G.S. Maurya	Scientist-C&I/C	26070	6600	26244	58914	22895	36019
2	Smt. Neelam Kumari	Tech. Asstt.	11940	4200	13439	29579	17081	12498
3	Sh. Parvaz Ahmad	Tech. Asstt.	11940	4200	13439	29579	16116	13463
4	Sh. Parshotam Lal	Tech. Asstt.	11940	4200	13839	29979	20194	9785
5	Sh. Ram Lal	Tech. Asstt.	11940	4200	13439	29579	15613	13966
6	Sh. Bilal Ahmad	Field Asstt.	6460	2000	7585	16045	2551	13494

#### Contact Details:

**Research Extension Centre**

**Central Silk Board,**

Ministry of Textiles, Govt. Of India

**Nowshera-185151, Rajouri(J&K)**

Ph. No. : **01960-230118**