



A Quarterly Newsletter of Nepal Agricultural Research Council (NARC)

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January - June, 2016

25th NARC Commemoration Day and Silver Jubilee Celebrated

Nepal Agricultural Research Council (NARC) celebrated its 25th Anniversary and Silver Jubilee at NARI premise, Khumaltar, Lalitpur on May 7, 20146(Baisakh 25, 2073).

The Chief Guest Honourable Minister for Agriculture Development Mr Haribol Gajurel, inaugurated the special function by irrigating water to the Kiwi fruit plant.

In the special function NARC staffs including Scientists, technicians and admin staffs received plaque from chief guest for serving 25 years of their continued long service in the field of

agriculture research and development. Six farmers were awarded for the adoption and dissemination of agricultural technology at the function.



Participants of Nepal Agricultural Research Council Annual Commemoration Day Celebration and Silver Jubilee 2073 at Khumaltar, Lalitpur

Chief guest Mr. Gajurel gave award to Journalist for their contribution in transferring agricultural information through mass media. Similarly, three Scientists were awarded by plaque and certificate for meritorious scientific contribution in the field of agricultural research viz. Dr Bal Krishna Joshi, Dr. Surendra Lal Shrestha. Similarly, Mr. Bhandu Raj Baral

contd in page 8

IN THIS ISSUE

- 25th NARC Commemeration day and silver jubilee celebrated
- National rice day-2073 celebrated
- Research-Extension Interface Program
- RATWG meeting held at RARS, Lumle
- The first record of *Tuta absoluta* (Meyrick 1917) (Lepidoptera: Gelechiidae) in Nepal
- NATWG meeting held at NARI, Khumaltar
- Fourth Coordination Meeting of ICARDA conducted
- Training, Workshop/Seminar, Study and Tours
- Sapkota obtained Ph.D. Degree

National Rice Day-2073 Celebrated

Nepal Agricultural Research Council (NARC) organized one day rice transplanting ceremony on Asar 15, 2073 (29 June 2016) at Agronomy Division,



Rice transplanting by Senior Officials at Khumaltar, Lalitpur

contd in page 2

contd of page 1

with the slogan of “*The basis of commercial rice cultivation, in Expansion of Community Nursery*“. Executive Director of NARC Dr. YR Pandey, Director General of DoAD Dr. Yubak Dhoj GC, IRRI-Nepal Scientist Dr. BP Tripathi were present in the celebrate function along with senior officials from Ministry of Agriculture Development, DoAD, DoLS and NARC. In this occasion, majority of national media covered all activities of the day. Executive Director of NARC Dr. YR Pandey and other participants transplanted rice seedlings in the rice field of Agronomy farm. As a Nepalese tradition & cultural value. Dahi-Chiura (yoghurt/beaten rice) was served to all participants as a *Prasad* of Asadh 15.

On the same day, Ministry of Agriculture Development organized “President Excellent Farmers Award” ceremony at NARI, Hall, Khumaltar, Lalitpur. Honourable Minister of Agriculture Development Mr. Haribol Prasad Gajurel awarded Excellent Farmer Award to Mr. Iman Bahadur of Kaski District with NRs. 2 Lakhs (Two hundred thousands) and letter of appreciation. Similarly, Mr. Rangdan Tamang of Ramechhap, Mr. Devi Kumari Oli (Dahal), Jhapa, Mr. Sharma Chaudhary, Bardiya and Mr. Binod Kumar Sah, Kailali was awarded with NRs. 1 lakhs and letter of appreciation.

Research-Extension Interface Program

Animal Breeding Division, NARC, Khumaltar organized programme “Research – Extension Interface Programme” as a part of Agriculture and Food Security Project (Component -1) at Goat Research Station, Banidipur, Tanahun on 20 June, 2016. The programme was chaired by Mr. Y.K Shrestha, Chief, Animal breeding Division, Khumaltar. Dr. S.R Aryal of Livestock Director of NARC was the chief guest of the programme. Similarly, representative from MoAD, MoLD, PMU, and Mr.K.P Rijal, livestock specialist from FAO were present in that programme.

The programme was divided in two sessions. The first i.e inauguration started with introduction of the Herd Management Software, status and achievement of

component -1, overview and status of AFSP and ended with the remarks from invited guest and Mr. Y.K Shrestha, vote of thanks.

The second one the technical session started with the goat Genetic Improvement Concept and Approach in AFSP, Khumaltar, Research Achievement on silvipasture system for feeding improvement, and promising technologies i.e stall feeding of goats in mid hill condition, GRS, Bandipur, research achievement of horti-pasture system in apple orchard, feeding packages for stall feeding goats in SGRP, Jumla were presented. Also, Research achievement on foundation seed production of oat was presented.

RATWG Meeting held at RARS, Lumle

Regional Agriculture Technical Working Group (RATWG) Meeting was held at Regional Agricultural Research Station (RARS), Lumle on 11th Jestha, 2073 (24 May 2016). The workshop was inaugurated by Mr. Ram Bahadur KC, Finance Director of Nepal Agricultural Research Council (NARC) by irrigating water to the flower plant in a Gamala. The meeting was chaired by Mr. Dhan Bahadur Gharti, Regional Director of RARS, Lumle.

Mr. Beni Bahadur Basnet, Regional Director, Regional Agriculture Directorate; Mr. Dev Nandan Sah, Regional Director, Regional Livestock Service Directorate,

Pokhara; Mr. Prakash Sanjel, Chief, Regional Agriculture Training Center, Pokhara; Mr. Indra Oli, Regional Soil Investigation Laboratory, Pokhara; Mr Gopal Parajuli, Chief, Outreach Research Division; Dr. Swyam Prakash Shrestha, Chief, Animal Health Research Division and Mr. Uma Shankar Sah, Chief, Planning Division of NARC were present in the meeting. Chiefs from different District Agriculture Development Offices and Livestock Service offices, Scientists, Technical Officers, Technicians, Journalists and farmers from the different districts actively participated in the workshop and discussed on the problems of the farmers of the region.

The First Record of *Tuta absoluta* (Meyrick 1917) (Lepidoptera: Gelechiidae) in Nepal

Tomato leaf miner, *Tuta absoluta* (Myrick, 1997) (Lepidoptera: Gelechiidae) is devastating pest of tomato (*Lycopersicon esculentum* Miller). This oligophagous pest associated with solanaceous crops can reduce yield and quality of tomato in newly invaded areas upto 80-100 % both in field and greenhouse conditions, if control measures are not applied. Larvae of this pest feed on leaves, buds, stem and fruits of tomato. Fruit rot occurs due to secondary pathogen invasion in fruits bored by the insect.

Tuta absoluta Native to South America has been key pest of tomato in the region since 1960s and was reported in Spain in 2006 and subsequently spread throughout many European and Mediterranean countries. *Tuta absoluta* has been recorded from India during October, 2014. Since its introduction to India, the possibility of invasion of Nepalese's tomato farming by the pest was always existed due to open boarder and weak quarantine.

The first record of occurrence of this pest in Nepal has been reported by Ajaya Shree Ratna Bajracharya

(Senior Scientist, Entomology Division, NARC) and his team from a tomato farm of Tarakeshwor Municipality, (27°44.661' N latitude and 85°18.895' E longitude) of Kathmandu in 3rd May 2016. Mr. Bajracharya and his team identified the pest scientifically studying external morphology and genitalia of male moth. Further confirmation of the pest was done with the help of Division of Entomology, IARI, New Delhi, India. The different stages of the pest is given in Fig 1. A survey conducted within Kathmandu valley and vicinity showed this pest has been spreading from Kathmandu valley into surrounding areas. This pest is recorded from Kathmandu, Lalitpur, Bhaktapur, Kavrepalanchowk and Dhading districts.

This pest can damage leaf, apical stem and fruits. The irregular shaped mines of different size in seen in leaf. The stem boring cause leaves stunted growth with dark frass in apical stem. The fruits are bored specially near to calyx and other hidden parts. The damage symptoms are given in Fig 2.



Fig 1. Egg, Larva , Pupa and adult of *Tuta absoluta*.



Fig 2. Damage symptoms of *Tuta absoluta* on leaf, apical stem, fruit and damaged field

Fourth Coordination Meeting of ICARDA Conducted

The Fourth Regional Coordination Meeting of International Centre for Agricultural Research in the Dry Areas (ICARDA) South Asia and China Regional Program on “Strategic Partnership towards Enhancing Food and Nutritional Security in South Asia and China” was jointly organized by NARC and ICARDA on 27-29 February, 2016.

The Executive Director of NARC Dr. Y.R. Pandey welcome the participants and the Co-coordinator of the ICARDA for South Asia and China Dr. Ashutosh Sarkar highlighted the objective of the meeting on the inauguration day of the program under the Chairmanship of Director General of ICARDA Dr. Mohmud Soln and

the Chief Guest as Secretary of Ministry of Agriculture Development Mr. Uttam Kumar Bhattarai.

A total of 50 participants from Nepal India, China, Pakistan, Bangladesh, Bhutan and Afghanistan presented the research activities conducted in their respective countries. The purpose of the program conducted here in Nepal was to manage the sustainable crop production system in dry region for the food production increment and nutritional security. The workshop develops and finalizes the projects to be implemented in upcoming fiscal year for their respective countries. The participants also monitor the various offices and research activities under the NARC located in Khumaltar on the concluding day of the workshop.

Former NARC Scientist Basnet Rewarded

Rudra-Gauri Shree-Ambika Oli Foundation (RGSAOF) awarded four persons from different walks of life for their contribution to society through various social works.

In a special function organized in Jhapa, the foundation awarded former NARC's Principal Scientist, S-6 (Agronomy), Chief of CPDD and Planning and Coordination Director Mr. Bhola Man Singh Basnet of Kathmandu with *Rudra Prasad Oli Smriti Krishi Puraskar* for his contribution to increasing the production of rice with pre-rice green manure (dhaincha) and sensitizing/creating public awareness about agricultural technologies through various media.

Similarly, it conferred *Devi Oli Smriti Adarsha Aama Puraskar* on Mathuradevi Kunwar of Achham for her contribution to empowerment of HIV/AIDS infected women.

Ambikadevi Oli Smriti Sahitya Puraskar was given to Professor Mahan Raj Sharma of Kirtipur for his contribution to literature and criticism and *Devi Oli Smriti Baal Puraskar* was given to Riwayat Shrestha of Baglung for his contribution to the field of Science.'

The awards for Basnet, Kunwar and Sharma carry a purse of Rs. 1,01,111/- (One lakh one thousand one hundred eleven) each, while the award for Shrestha

carries a purse of Rs. 51,111/- (Fifty one thousand one hundred eleven).

The award is a small initiative of the foundation to recognize and promote the commendable works of various



individuals said Ganga Prasad Oli, Chairperson of RGSAOF.

According to Oli, the foundation has been conferring awards in four categories every year since its establishment in 2012.

The recognition certificate and cash prize were conferred on the various winners by Rt. Hon'ble Deputy Prime Minister Mr. Chandra Prasad (C.P) Mainali in Birtamod of Jhapa on March 5, 2016.

NATWG Meeting held at NARI, Khumaltar

The 13th National Agricultural Technical Working Group (NATWG) Meeting was held at National Agriculture Research Institute (NARI), Khumaltar on 20th Ashadh, 2073 (4th July, 2016). The meeting was inaugurated by Mr. Uttam Kumar Bhattarai, Secretary of MOAD by lightening the Lamp. The meeting was chaired by Dr. Y. R. Pandey, Executive Director, Nepal Agricultural Research Council (NARC). Dr. Deepak Bhandari, Director, Planning and Coordination, NARC, welcomes the participants and highlighted the objective of the meeting. Mr. Gopal Prasad Parajuli, Chief of Outreach Research Division, NARC, presented the recently generated technologies and researchable issues. Likewise, Dr. Yuvak Dhoj GC, Director General, Department of Agriculture Development and Dr. Keshab Premi, Director General, Department of Livestock Service presented the status of technologies dissemination and adoption of crop and livestock

respectively. Senior Food Research Officer of Department of Food Technology and Quality Control Dr. Huma Bokhim presented the status of food technology and quality control situation in Nepal. Chief guest Mr. Uttam Kumar Bhattarai emphasized to consider the 27 point ministerial commitment and guidelines of ADS while developing and implementing of agriculture program. He also pointed out to publish the workshop proceeding both in English and Nepali language. Director of crop and horticulture research Dr. Yagya Prasad Giri suggested developing joint program planning of the researcher and extensions' for effective implementation in his thanks remarks for the guest and other participants. In the Chairperson closing remarks, Dr. Pandey emphasized for strong coordination between researcher and extensions in Mission program and other program related to food security which was lacking in present context.

Training, Workshop/Seminar, Study and Tours

January - June, 2016

SN	Name	Position	Office	Subject	Duration	Country
January						
1.	Mr. Gobinda K.C.	S-4	NMRP, Rampur	Seed Industry Program	19-22 Jan, 2016	India
2.	Mr. JP Shreevastav	T-7	NWRP, Bhairahawa	Seed Industry Program	19-22 Jan, 2016	India
3.	Mr. Garidhari Subedi	S-4	HRD, Khumaltar	Vegetable go to school/ Annual Meeting	20-25 Jan. 2016	Germany
4.	Dr. Dhruba Raj Bhattarai	S-2	HRD, Khumaltar	Vegetable go to school/ Annual Meeting	20-25 Jan. 2016	Germany
February						
1.	Mr. Ananda Chaudhary	S-1	NRRP, Hardinath	SRFSI Rabi study tours and update meeting	22-29 Feb. 2016	India
2.	Mr. Bedananda Chaudhary	S-4	NRRP, Hardinath	6th Int'l Conference on " Plant Pathogen and perople-challenges in plant Pathology to benefit humankind" and Monitoring virulence pattern of Rice Blast Pathogen in Nepal	23-27 Feb. 2016	India
3.	Mr. Gopal Parajuli	S-4	Plant Pathology Division, Khumaltar	6th Int'l Conference on " Plant Pathogen and perople-challenges in plant Pathology to benefit humankind" and Monitoring virulence pattern of Rice Blast Pathogen in Nepal	23-27 Feb. 2016	India
4.	Mr. Shreenkhala Manandhar	S-1	Plant Pathology Division, Khumaltar	6th International Conference on " Plant Pathogen and perople-challenges in plant Pathology to benefit humankind" and Monitoring virulence pattern of Rice Blast Pathogen in Nepal	23-27 Feb. 2016	India
5.	Mr. Bharat Shrestha	T-6	Fish Res. Station, Pokhara	Brud & hatchery Management	15-25 Feb. 2016	India
6.	Mr. Yukti Lal Mukhiya	T-6	RARS, Tarahara	Brud & hatchery Management	15-25 Feb. 2016	India
7.	Mr. Purushottam Jha	S-3	NRRP, Hardinath	Development and dissemination of climate resilient Rice Varieties for Water- short Areas of South and Southeast Asia TA- 8441	24-27 Feb. 2016	India
8.	Dr. H.K. Shrestha	S-4	RARS, Tarahara	Development and dissemination of climate resilient Rice Varieties for Water- short Areas of South and Southeast Asia TA- 8441	24-27 Feb. 2016	India
9.	Dr. Ram Baran Yadav	S-3	NRRP, Hardinath	Development and dissemination of climate resilient Rice Varieties for Water- short Areas of South and Southeast Asia TA- 8441	24-27 Feb. 2016	India
10.	Mr. H.K. Prasai	S-3	RARS, Tarahara	Development and dissemination of climate resilient Rice Varieties for Water- short Areas of South and Southeast Asia TA- 8441	24-27 Feb. 2016	India
11.	Mr. Devnidhi Tiwari	S-3	NRRP, Hardinath	Development and dissemination of climate resilient Rice Varieties for Water- short Areas of South and Southeast Asia TA- 8441	24-27 Feb. 2016	India
12.	Mr. Sarita Manandhar	S-1	RARS, Tarahara	Development and dissemination of climate resilient Rice Varieties for Water- short Areas of South and Southeast Asia TA- 8441	24-27 Feb. 2016	India
13.	Mrs Mira Prajapati	S-1	Animal Health Division, Khumaltar	Molecular Biological Technology for Research in Agricultural and Biomedical Sciences	15 Feb-15 Mar. 2016	India
March						
1.	Mr. Bal Krishna Joshi	S-3	NAGRC, Khumaltar	Data Management Training for Plant Genetics Resources in Asia (PGR Asia)	14-19 Mar, 2016	Japan
2.	Mr. Krishna Hari Ghimire	S-3	NAGRC, Khumaltar	Data Management Training for Plant Genetics Resources in Asia (PGR Asia)	14-19 Mar, 2016	Japan
3.	Mr Bala Ram Bhandary	S-1	NMRP, Rampur	HTMA Course on Maize seed production & seed Business Management	28-30 Mar, 2016	India
4.	Dr. Krishna Pd. Timalisina	S-3	SARPOD, Khumaltar	Communication for Policy Research and Impact	29-31 Mar, 2016	Bangladesh
5.	Mr Devnidi Tiwari	S-3	NRRP, Hardinath	Upland Rice	21-25 Mar, 2016	China
6.	Mr. Dilip K. Sah	T-6	NRRP, Hardinath	Upland Rice	21-25 Mar, 2016	China
7.	Mr. Shova Shrestha	S-1	SSD, Khumaltar	Basic Res. Data Management	29-31 Mar, 2016	Philippines
8.	Mr. Swyam Prakash Shrestha	S-4	AHRD, Khumaltar	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
9.	Mr. Bholu Shankar Shrestha	S-4	ABD, Khumaltar	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
10.	Mr. Netra Pd. Osti	S-4	AND, Khumaltar	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
11.	Mr. Damodhar Neupane	S-4	SARP, Khumaltar	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
12.	Mr. Raju Kadel	S-3	GRS, Bandipur	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
13.	Mr. Dipak Adhikari	S-1	GRS, Bandipur	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
14.	Mr. Saroj Sapkota	S-1	ABD, Khumaltar	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
15.	Mr. Jagannath Banjade	S-1	RARS, Nepalgunj	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
16.	Mr. Purna Raj Upadhyaya	T-6	GRS, Bandipur	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
17.	Mr. Khem Raj Acharya	T-6	ABD, Khumaltar	Livestock Res. Institute SAARC Agriculture Center	27-31 Mar, 2016	Bangladesh
18.	Dr. Bindeshwor Pd. Sah	S-5	NARI Director	IAEA/RCA Coordination Meeting to Discuss the Use of Marginal Land and Resource Use Efficiency for Bio energy Crops	14-18 Mar, 2016	Austria
19.	Mr. Bal Krishna Joshi	S-3	NAGRC, Khumaltar	Data Management Training for Plant Genetics Resources in Asia (PGRAsia)	14-19 Mar, 2016	Japan

SN	Name	Position	Office	Subject	Duration	Country
April						
1.	Mr. Mukunda Bhattarai	T-6	National Potato Res. Division, Khumaltar	Rice Improvement and Production for food security	1 April-30 Dec., 2016	Japan
2.	Dr. Y.R. Pandey	ED		Vegetable go to school	7-10 April, 2016	Bhutan
3.	Mr. Ram Bd. Khadka	S-1	RARS, Nepalgunj	International conference on Agriculture Environment & Biological Science	28-29 April, 2016	Thailand
4.	Dr. H.K. Shreatha	S-4	RARS, Tarahara	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
5.	Dr. Keshab Babu Koirala	S-4	RARS, Nepalgunj	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
6.	Mr. Bedananda Chaudhary	S-4	NRRP, Hardinath	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
7.	Dr. Ram Baran Yadav	S-3	NRRP, Hardinath	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
8.	Mr Dev Nidi Tiwari	S-3	NRRP, Hardinath	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
9.	Mr. Sarita Manandhar	S-1	RARS, Tarahara	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
10.	Mr. Santosh Raj Tripathi	S-1	RARS, Nepalgunj	The annual review and planning workshop of the ICAR-IRRI Collaborative Project STRASA	25-28 April, 2016	India
11.	Mr. Mitali Kumari Sah	S-1	RARS, Parwanipur	Strengthening the capacity of the SAARC in the development , co-ordination and monitoring of a Regional Food Security and Nutrition Framework, Strategies and Programme	19-20 April, 2016	Dhaka
12.	Dr. Umesh Acharya	S-3	NARC. Singhdarbar Plaza	4 th AFACI International Training Workshop on Germplasm Management System	18-27 April, 2016	Korea
13.	Mr. Raju Chaudhary	S-1	Commercial Crop Division, Khumaltar	4 th AFACI International Training Workshop on Germplasm Management System	18-27 April, 2016	Korea
14.	Dr. Mina Nath Poudel	S-5	NAGRC, Khumaltar	4 th AFACI International Training Workshop on Germplasm Management System	18-27 April, 2016	Korea
15.	Dr. Shambhu Pd. Khatiwada	S-5	Agri-Botany Division, Khumaltar	Research and application of advanced breeding techniques in wheat	18-22 April, 2016	China
16.	Dr. Renuka Shrestha	S-5	Agronomy Division, Khumaltar	International conference on pulses for health Nutrition and sustainable Agriculture in Drylands in Marrakesh in Morocco	18-20 April, 2016	Morocco
17.	Dr. Y.R. Pandey	S-5	Executive Director	International conference on pulses for health Nutrition and sustainable Agriculture in Drylands in Marrakesh in Morocco	18-20 April, 2016	Morocco
18.	Dr. Y.P. Giri	S-5	Crop & Horticulture Res. Director	Consultation Meeting on vegetable go to school	7-11 April, 2016	Bhutan
19.	Mr. Nabin Prakash Poudel	A-9	Administration Division , Singhdurbar Plaza	Consultation Meeting on vegetable go to school	7-11 April, 2016	Bhutan
20.	Mr. Giridhari Subedi	S-4	Horticulture Res. Division, Khumaltar	Consultation Meeting on vegetable go to school	7-11 April, 2016	Bhutan
21.	Dr. Dhruva Raj Bhattarai	S-3	HRD, Khumaltar	Consultation Meeting on vegetable go to school	7-11 April, 2016	Bhutan
22.	Mr. Hari Pd. Subedi	T-8	NMRP, Rampur	Consultation Meeting on vegetable go to school	7-11 April, 2016	Bhutan
23.	Mr. Sarita Neupane	A-6	HRD, Khumaltar	Consultation Meeting on vegetable go to school	7-11 April, 2016	Bhutan
24.	Mr. Santosh Raj Tripathi	S-1	RARS, Nepalgunj	Rice post production to market	4-15 April, 2016	Philippines
May						
25.	Mr. Binesh Man Sakha	S-4	BD, Khumaltar	Mutation breeding on Bio Energy crops	23-27 May, 2016	Indonesia
26.	Mr. Ram Krishna Rajak	T-8	SRP, Jitpur	Mutation breeding on Bio Energy crops	23-27 May, 2016	Indonesia
27.	Mr. Samaya Ghare	S-1	Monitoring and Evaluation Division, Singhdarbar	Result based monitoring and Evaluation	23-27 May, 2016	Philippine
28.	Dr. Y.R. Pandey	ED	Executive Director	4th AFACI General Assembly	17-20 May, 2016	Sri Lanka
29.	Mr. Bedananda Chaudhary	S-4	NRRP, Hardinath	Innovation Platform (Ips) Training and workshop under Sustainable and Resilient farming systems Intensification (SRFSI) IN THE Eastern Genetic Plain	4-7 May, 2016	India
30.	Mr. Bibek Sapkota	S-1	SAPORD, Khumaltar	Innovation Platform (Ips) Training and workshop under Sustainable and Resilient farming systems Intensification (SRFSI) IN THE Eastern Genetic Plain	4-7 May, 2016	India
31.	Mr. Dinesh Thapa Magar	S-1	SAPORD, Khumaltar	Innovation Platform (Ips) Training and workshop under Sustainable and Resilient farming systems Intensification (SRFSI) IN THE Eastern Genetic Plain	4-7 May, 2016	India
32.	Mr. Yagya Pd. Giri	S-5	Crop & Horticulture Research Director	15th CURE Review, Planning and steering committee meeting	24-26 May, 2016	Philippine
33.	Mr. Bedananda Chaudhary	S-4	NRRP, Hardinath	15th CURE Review, Planning and steering committee meeting	24-26 May, 2016	Philippine
34.	Dr. Tek Bd. Gurung	S-5	NASRI, Khumaltar	Asia Regional Agricultural Innovation summit	25-26 May, 2016	Bangkok
35.	Mr. Netrahari Ghimire	S-3	Grain Legume Research Program, Khajura	Sustainable Management of crop based production Systems for Raising Agricultural productivity in rainfed Asia & IFAD Grant	25-27 May, 2016	Vietnam
36.	Mr. Govinda KC	S-4	NMRP, Rampur	External reviews meeting on Heat Tolerant Maize for Asia	22-24 May, 2016	India
37.	Mr. Manish Kumar Thakur	S-1	RARS, Tarahara	Asia Regional Agricultural Innovation summit	25-26 May, 2016	Bangkok

SN	Name	Position	Office	Subject	Duration	Country
June						
1.	Mr. Deepa Singh Shrestha	S-3	NAGRC, Khumaltar	Post harvest handling of collections processing assessing and viability monitoring KEW, UK	6-17 June, 2016	UK
2.	Mr Sunita Sanjyal	S-1	Pasture & Fodder Res. Division, Khumaltar	Post harvest handling of collections processing assessing and viability monitoring KEW, UK	6-17 June, 2016	UK
3.	Mr. Janardan Gautam	S-1	Ginger Res. Program, Salyan	2nd AFACI International Training workshop on sericulture production technology	01-10 June,2016	Korea
4.	Mr. Tirtha Raj Pokhrel	T-8	Horticulture Res. Station, Malepatan , Pokhara	2nd AFACI International Training workshop on postharvest Management Technology for horticultural Crops	15-28 June,2016	Thailand
5.	Mr. Ramesh Bd. Basnet	T-6	RARS, Lumle	2nd AFACI International Training workshop on postharvest Management Technology for horticultural Crops	15-28 June,2016	Thailand
6.	Mr. Rishi Ram Adhikari	T-6	CPDD, Khumaltar	Data Digitizing Processing and Archiving	19-25 June,2016	India
7.	Mr. Shambhu Tandukar	T-6	Planning Division	Data Digitizing Processing and Archiving	19-25 June,2016	India
8.	Mr. Ratna Pd. Shrestha	T-6	CPDD, Khumaltar	Data Digitizing Processing and Archiving	19-25 June,2016	India
9.	Dr. Yuga Nath Ghimire	S-4	SAPORD, Khumaltar	Agricultural Insurance	23-29 June,2016	India
10.	Dr. Krishna Kumar Mishra	S-4	Monitoring and Evaluation Division, Singhdarbar	Agricultural Insurance	23-29 June,2016	India
11.	Dr. Krishna Pd. Timilsina	S-3	SAPORD, Khumaltar	Agricultural Insurance	23-29 June,2016	India
12.	Mr Purna Bhadra Chapagain	S-3	National Cow Res. Program, Rampur	Agricultural Insurance	23-29 June,2016	India
13.	Dr. Sudha Sapkota	S-2	Monitoring and Evaluation Division, Singhdarbar	Agricultural Insurance	23-29 June,2016	India
14.	Mr. Dinesh Thapa Magar	S-1	SAPORD, Khumaltar	Agricultural Insurance	23-29 June,2016	India
15.	Mr. Samaya Ghaire	S-1	Monitoring and Evaluation Division, Singhdarbar	Agricultural Insurance	23-29 June,2016	India
16.	Mrs Mitali Sah	S-1	RARS, Parwanipur	Agricultural Insurance	23-29 June,2016	India
17.	Dr. Hari Bd. K.C.	T8	TSD, Singhdurbar Plaza	Agricultural Insurance	23-29 June,2016	India
18.	Mrs Bimala Sharma	T7	SAPORD, Khumaltar	Agricultural Insurance	23-29 June,2016	India
19.	Mr. Sudip Gautam	T7	SAPORD, Khumaltar	Agricultural Insurance	23-29 June,2016	India
20.	Dr. Y.R. Pandey	S-5	Executive Director	Study Visit	7-9 June, 2016	Philippine
21.	Dr Shambhu Pd. Khatiwada	S-5	ABD, Khumaltar	Study Visit	7-9 June, 2016	Philippine
22.	Dr. Umesh Acharya	S-3	NARC, Singhdurbar Plaza	Advanced consultation on APAARI Strategic Planning	20-21 June,2016	Thailand
23.	Dr. Renuka Shrestha	S-5	Agronomy Division, Khumaltar	Inception meeting on Enhancing food and nutritional security & improved livelihoods through intensification of rice fallow system with pulse crops in south Asia.	14-15 June,2016	India
24.	Mr. Netra Hari Ghimire	S-3	Grain Legume Research Program, Khajura	Inception meeting on Enhancing food and nutritional security & improved livelihoods through intensification of rice fallow system with pulse crops in south Asia.	14-15 June,2016	India
25.	Mr. Govinda KC	S-4	NMRP, Rampur	HTMA Monitoring	5-9 June, 2016	Bangladesh
26.	Mr Bahuri Pd. Chaudhary	S-4	ARS, Belachapi	Training cum travelling seminar on climate smart villages including agro advisories on weather based information on crop and livestock	15-20 June,2016	India
27.	Mr. Ram Bd. K.C.	S-4	Director, Finance, Singhdurbar Plaza	GIS/RS based drought and food forecasting as well as weather modification	27-30 June,2016	China
28.	Dr. Yagya Pd. Giri	S-5	Director, Crop & Hort. Res. Singhdurbar Plaza	Agricultural Research Administration and Governance Structure in India	14-18 June,2016	India
29.	Dr. Tek Bd. Gurung	S-5	Director, NASRI, Khumaltar	Agricultural Research Administration and Governance Structure in India	14-18 June,2016	India
30.	Dr. Sita Ram Aryal	S-4	Director, Livestock & fisheries Res. Singhdurbar	Agricultural Research Administration and Governance Structure in India	14-18 June,2016	India
31.	Mr Nabin Prakash Poudel	A-9	Administration Division , Singhdarbarplaza	Agricultural Research Administration and Governance Structure in India	14-18 June,2016	India
32.	Mr. Sanjaya Kumar Kafle	A-8	Administration Division , Singhdarbar Plaza	Agricultural Research Administration and Governance Structure in India	14-18 June,2016	India
33.	Mr. Ramchandrika Prasad	S-4	Mountain Agriculture Research Institute, Jumla	Training & Visit Program	26-28 June,2016	Bangladesh
34.	Mr. Tika ram Chapagain	S-3	Coordinator, AFSP Component-1	Training & Visit Program	26-28 June,2016	Bangladesh
35.	Mr. Bhim Nath Adhikari	S-3	RARS, Doti	Training & Visit Program	26-28 June,2016	Bangladesh
36.	Mr. Basanta Chalise	S-3	HRS , Jumla	Training & Visit Program	26-28 June,2016	Bangladesh
37.	Mr. Ram Bd. Khadka	S-1	RARS, Nepalgunj	Training & Visit Program	26-28 June,2016	Bangladesh
38.	Mr. Balram Bhandari	S-1	NMRP, Rampur	Training & Visit Program	26-28 June,2016	Bangladesh
39.	Mr. Dayanidhi Pokhrel	T-7	NWRP, Bhairahawa	Training & Visit Program	26-28 June,2016	Bangladesh
40.	Dr. Tek Bd. Gurung	S-5	Director, NASRI, Khumaltar	Data Digitizing Archiving & Management	22-28 June,2016	India
41.	Dr. Dipak Bhandary	S-5	Director, Planning & Coordination, Singhdurbar	Data Digitizing Archiving & Management	22-28 June,2016	India
42.	Dr. Tara Bd. Ghimire	S-5	SSTD, Khumaltar	Data Digitizing Archiving & Management	22-28 June,2016	India
43.	Mr Hari Krishna Upreti	S-4	CPDD, Khumaltar	Data Digitizing Archiving & Management	22-28 June,2016	India
44.	Mr. Manoj Kumar Thakur	S-3	CPDD, Khumaltar	Data Digitizing Archiving & Management	22-28 June,2016	India

and Ms. Prabati Adhikari awarded for best paper. On the occasion ten staffs were received plaque and certificate for their contribution in the field of agricultural research and development.

Mr. Krishna Bahadur Thapa from Coffee Research Program, Baletaksar, Gulmi was awarded for best office management at the function.

More than 500 personnel were attended at the function including Secretary of Forestry and Soil Conservation, Mr. Udaya Chandra Thakur former Executive Directors of NARC; retired Scientists; Senior Officials from Ministry of Agriculture Development; Farmers; Entrepreneurs; Journalists and others.

On the occasion chief guest Mr. Gajurel said that NARC has done a lot of research to increase crop productivity. He further stated that NARC should maintain its reputation among the Nepalese farmers and stressed in the development of farmers friendly technologies. Executive Director of NARC Dr. YR Pandey gave welcome speech and highlighted the achievements of NARC.

The function was chaired by the Secretary of Agriculture Development, Mr. Uttam Kumar Bhattarai,. On the occasion, NARC organized 2 days Agricultural Technology Fair displayed on different 28 stall. The exhibition was inaugurated by Hounorable Minister Mr. Haribol Gagurel.

Sapkota obtained Ph.D. Degree

Ms. Sudha Sapkota, Scientist (S-2) in NARC obtained PhD in Agricultural Economics from Tribhuvan University, Institute of Agriculture and Animal Science (IAAS),

Kathmandu. In her PhD course, Dr. Sapkota made study on “Institutional aspects of rice (*Oryza sativa* L.) seed production and delivery system in Nepal “.



The study aim to analyze the economics of rice seed systems and patterns of rice seed delivery; find out the income variation between rice seed production and grain production; institutional involvement to deliver the rice seed from production to market and finally to investigate institutional constraints and policy factor limiting effective functioning of seed system along with evolving role of private sector in seed system. The study revealed that seed production as compared to grain production is more profitable, the benefit to cost ratio in producing seed in one hectare was 2.5 to 1 against 2.4 to 1 in grain production; the role of private seed companies would increase production of quality seeds but seed delivery system though private should be strengthen by government policy.

Dr. Sapkota, born in 1974, in Karibot, Gorkha, obtained his Master degree in Agricultural Economics from Chandra Sekhar Azad University of Agriculture and Technology, Kanpur, India. She has been working in the agriculture research as an Agricultural Economist since last 2004.

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