ICARDA

Science for resilient livelihoods in dry areas

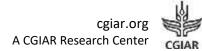# Training course on: conservation agriculture and agronomic innovations for Mediterranean rainfed systems

Date: 21-26 March, 2019

Conservation agriculture and agronomic innovations for Mediterranean rainfed systems

In co-ordination with Jodhpur Agriculture University, India; a short-term training event on "**Conservation agriculture and agricultural innovations for the rainfed drylands**" was jointly organized by ICARDA and INRA Morocco for the participants from the Jodhpur Agriculture University, India. The training was held on 18-23 March 2019 in ICARDA, Rabat, Morocco. There were seven participants from Jodhpur Agriculture University, India, including two women Assistant professors. The training includes both class lectures and field visit. **From this training, participants were able to understand the importance of CA for rainfed drylands and also the relevant agricultural innovations for the sustainable intensification of rainfed drylands.**

List of participants

SN	Name	Gender	Designation
1	Dr. Jeewa Ram Sharma	M	Associate Professor
2	Dr. Vikash Pawariya	M	Assistant Professor
3	Dr. Richa Sacham	F	Assistant Professor
4	Neelam Geat	F	Assistant Professor
5	Vikram Singh Meena	M	Assistant Professor
6	Rahul Bhardwaj	M	Assistant Professor
7	Moti Lal Mehriya	M	Assistant Professor

Training schadule

Training course on conservation agriculture and agricultural innovations for rainfed drylands		
Dates: March 2019 (21-26 March, 2019)		
Venue: ICARDA Rabat		
PROGRAM		
Date and Time	**Topic**	**Resource Person/Responsible**
Day 1: 21 March, Thursday		
10.30-13.00	Arrival of participants and logistics arrangements	M. Nassir
13.00-13.15	Introduction and welcome of the participants and briefing of the program schedule	Michael Baum/Mina
13.15-13.30	Overview of ICARDA	Ahmed Amri
13.30-14.00	Global Overview of Conservation Agriculture	YashPal Singh Saharawat
14.00-14.15	*Coffee Break*	M. Nassir
14.15-15.00	Importance of Conservation Agriculture in drylands systems	Mina Devkota
15.00 - 16.00	Overview of conservation agriculture: Experience from Morocco	Moussadek Rachid (INRA)
16.00-17.00	Supplemental Irrigation as a climate-smart agriculture practice	Vinay Nangia
17.00-17.30	Discussion and Closing of the day 1	All
Day 2: 22 March, Friday		
08.30-09.30	Conservation agriculture: experience from South Asia	YashPal Singh Saharawat
09.30-10.30	Conservation agriculture and Soil health	Moussadek Rachid (INRA)
10.30-11.00	Coffee Break	M. Nassir
11.00-12.00	Legume Breeding program initiatives for CA and dryland agriculture	Shiv Kumar Agarwal
12.00-12.30	Visit of ICARDA gene bank and laboratories	Ahmed Amri/Mina Devkota
1230-1330	Lunch Break	M. Nassir
13.30-14.30	Bread wheat breeding program, initiatives for CA and dryland agriculture	Wuletaw Tadesse
14.30-15.30	Durum wheat breeding program, initiatives for CA and dryland agriculture	Filippo Bassi
15.30-15.45	Coffee Break	M. Nassir

15.45-16.45	Barley breeding program initiatives for CA and dryland agriculture	Ramesh Pal Verma
16.45-17.00	Discussion and Closing of the day 2	All
	Day 3: 23 March Saturday Free day	
Day 4: 24 March Sunday (visit to marchouch research station)		
8.30-09.30	Understanding Climate change: Modeling Carbon, Water, Nitrogen and Energy Cycles across the Soil-Plant-Atmosphere Interface	Ajit Govind
9.30-10.00	Coffee Break	M. Nassir
10.00- 17.00	Visit to Marchouch Research Stations (Research staion and Farm machinery)	
Day 5: 25 March Monday		
08.30- 17.00	Travel to farmers field to observe CA practices in Settat	Mina + INRA
Day 6: 26 March Tuesday		
8.30-09.30	Big Data and digital augmentation for sustainable intensification	Chandra Biradar
09.30-10.15	Socio-economic factors influencing adotion of CA	A. Veronique
10.15-10.30	Coffee Break	M. Nassir
10.30-11.30	Individual presentation by the participants	Mina and Yash
11.30- 12.30	Discussion and Closing session	Mina and Yash
1230-1330	Lunch	M. Nassir
13.30 onwards departure to the airport		