

Technical Report
Training
on
Small scale mechanization and lucerne
production in South Tunisia

26.07.2023 – 27.07.2023

Medenine, Tunisia



Organized by
International Center for Agricultural Research in the Dry Areas - ICARDA
and
Agence de la Vulgarisation et de la Formation Agricole - AVFA
Funded by
CGIAR

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EXECUTIVE SUMMARY

Name of the project

Livestock and Climate

Partners

International Center for Agricultural Research in the Dry Areas - ICARDA

Arid Regions Institute – IRA Medenine

Agence de la Vulgarisation et de la Formation Agricole - AVFA

Purpose of the project

This Initiative aims to address the “double burden” that climate change poses for livestock production across Africa and Latin America. Researchers are working with public and private actors to identify existing solutions and to co-create and deliver innovations that quantifiably help producers, businesses and governments adapt livestock agrifood systems to climate change and reduce greenhouse gas emissions.

Specific objectives of the training

The two-day training course on small scale mechanization and lucerne production was meant to increase knowledge of farmers who just started lucerne production and promote the use of adapted mechanization to experienced farmers

Specific outputs

15 farmers from three farmer organizations were trained on theory and practical aspects of lucerne production, including use of adapted machinery

TARGETED AUDIENCE(S)

Target group were 15 farmers from three different farmer organization in South Tunisia

ORGANIZING COMMITTEE

The training was organized by ICARDA and its national partner AVFA

GENERAL OVERVIEW

The purpose of this training is to explain and show farmers how to grow and harvest lucerne and how to use different types of small machinery (not only for Lucerne harvesting but also for feed processing)

COURSE STRUCTURE

The first day of the course took place at one of the farmer organizations which has different types of feed processing machinery like grinders, mixers and pelletizers. The AVFA trainer gave a general theoretical overview of the different types of feed processing machines. Afterwards the practical part involved demonstration of the machines with necessary maintenance advises.

The second day took place at the AVFA training center. It started with a theoretical presentation on Lucerne production including soil preparation, crop management, and economic calculations. The practical part was used to show farmers and let them practice the use of a sickle mower and a motorized sickle for cutting Lucerne.

COURSE IMPLEMENTATION

The two-day training course on small scale mechanization and lucerne production has been implemented together with our partner organization AVFA in Medenine south Tunisia. Target group were 15 farmers from three different farmer organization in South Tunisia. The two-day training course on small scale mechanization and lucerne production has been implemented together with our partner organization AVFA in Medenine south Tunisia. Target group were 15 farmers from three different farmer organization in South Tunisia

GROUP ASSESSMENT

The group appreciated the practical part of the training. The farmer group who just started growing lucerne for the first time appreciated the advises lucerne crop management.

Acknowledgement

We would like to thank the CGIAR Initiative Livestock and Climate who supported this training through their contributions as well as the Tunisian NARES partners (AVFA, OEP and IRA Medenine) for co – implementing this project activity.

Consent

“Personal information including Name, Business Title, Email, Phones, Images and GPS points included in this report have been authorized in writing or verbally by the data subject”

Annex I: Trainers

Trainers	Name & Surname	Institution	E-mail
1	Tarek Nasraoui	AVFA	
2	Youssef Sekrafi	AVFA	

Annex II: Trainees List of Contacts

Funded By: CGIAR

#	Name of nominee	Gender	Country	Position/Specilaztion	E-mail address
	██████████	male	Tunisia,	Farmer GDA Tamezret	N.A
	██████████	female	Tunisia,	Farmer GDA Beni Khardeche	N.A
	██████████	female	Tunisia,	Farmer GDA Beni Khardeche	N.A
	██████████	female	Tunisia,	Farmer GDA Beni Khardeche	N.A
	██████████	male	Tunisia,	Farmer GDA Benghathia	N.A
	██████████	male	Tunisia,	Farmer GDA Tamezret	N.A
	██████████	male	Tunisia,	Farmer GDA El Maarai	N.A
	██████████	male	Tunisia,	Farmer GDA Beni Khardeche	N.A
	██████████	male	Tunisia,	Technicien Arid Regions Institute - IRA	Mohamedamid2001@yahoo.fr
	██████████	female	Tunisia,	Farmer GDA Beni Khardeche	N.A
	██████████	female	Tunisia,	Farmer GDA Benghathia	N.A

	██████████	male	Tunisia,	Farmer GDA Beni Khardeche	N/A
	██████████	male	Tunisia,	Farmer GDA Beni Khardeche	N/A
	██████████	male	Tunisia,	Innovation specialist - ICARDA	u.rudiger@cgiar.org
	██████████	male	Tunisia,	Farmer GDA Tamezret	N/A

