

Forage options for smallholder livestock in water-scarce environments of Afghanistan

Key details

Location

Afghanistan

Duration Start Jan 2014

End Dec 2017

Budget

Commissioned organisation

International Center for Agricultural Research in the Dry Areas, Afghanistan

AUD 3,811,933

Partners

Agriculture Research Institute of Afghanistan; CSIRO Livestock Industries; Department of Agriculture and Food; Western Australia; Ministry of Agriculture; Irrigation and Livestock; Murdoch University; University of Nangarahar

Project Leader

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ACIAR Research Program Manager

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Program	Livestock Systems
Fiogram	LIVESIDER Systems

Project code AH/2012/021

Overview

This project aimed to improve the livelihoods of smallholder livestock farmers in the mixed crop/livestock

increase the availability of feed resources adapted for areas with little access to water. This project developed economically viable and

sustainable forage production systems to reduce winter feed gaps in the water constrained provinces of Baghlan and Nangarhar.

areas of Afghanistan that hadlimited

access to water. The project could

Shortages of forage limit animal productivity and put households at economic risk, particularly over winter. Producing and marketing sustainable forage is not economic because farmers lack quality seed of improved forage varieties, seed and fodder markets function poorly, and national policy is biased towards producing strategic food crops.

This project enhanced national uptake of research outputs through linking national and international research systems and input, marketing and service providers. Women play important roles within integrated crop and livestock production systems; in developing socially sustainable forage production systems, this project aimed to ensure equitable access to knowledge, public and private services.

