

Feed and livestock sub-sectors needs and opportunities in Afghanistan

Enhancing...

...feed resource base...

...dairy production and processing...

...capacity building/knowledge exchange...

...partnerships...institution building....etc.

Improved rural incomes from better forage production and sales of milk products

- ❑ ICARDA
 - ❑ Aga Khan Foundation
 - ❑ Ministry of Agriculture and Livestock
 - ❑ Macaulay Institute
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Purpose

Promote smallholder dairying and marketing as a sustainable agricultural livelihood in mixed farming

Location: Baghlan Province

Duration: June 2004 – December 2006

Beneficiaries: Poppy growing crop-livestock farmer

Outputs

- Increased forage production
 - Improved feeding packages for milk production
 - Community based milk processing & marketing
 - Improved skills – farmers and research staff
 - Increased job opportunities /household income
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Done.....

- Stakeholder workshop & selection of the District
 - Selection of the community
 - Selection of the beneficiaries
 - Exchange of the knowledge
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Improved of Forage

Beside the enhancement of rural income from the improvement of forage production and dairy products selling:

- Forage production practices organic /inorganic fertilizers
 - Forage harvesting practices
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Forage crop status trails

Corp

Methods of planting

Sainfain

Trails / On farm

Alfalfa

Trails / On farm

Montana broom

Trails

Stockman

Trails

Bata vulgaris

Trails

Farmers Training initiated

- Validation of legume in hay mixtures
 - Evaluation of alternative spring/summer forages
 - Seed multiplication of forage legumes alfalfa, Sainfain
 - Integration of forages into cropping systems cereal/forage legume relays.
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Feeding System Improvement

- Economic ratio formulation
 - Principle of feeding
 - Feed block preparation in Summer
 - Smallholder silage preparation
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Improvement of Milk processing

- Monitor seasonal changes in milk yield
 - Test alternative household methods of milk processing
 - Compare efficiency of local and introduced methods of milk processing
 - Establish smallholder processing units in two communities
 - Monitor quality of milk and milk products
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Training of staff

- PTD participatory Technology Development
 - Milk processing
 - Range management and pasture improvement
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