FEAST
Why, What, When, Where .... So What, What Next?

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FEAST e-Learning Materials Launch
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Why?

- Why is there a need for a better approach to livestock feed intervention?
Feed is a key issue in developing world livestock systems
Extreme seasonality of feed supply in Boneya District, Wollega, Ethiopia – from FEAST report

Felix Zingg, University of Bern, unpublished data 2011
Standard response is technology promotion
Urea treatment of straw – Uttarakhand, India
Often what is promoted does not work – why not?

- Researcher driven solutions are often:
  - Not suitable for local context
  - Not dealing with the key constraints
  - Do not sufficiently involve farmers and other local stakeholders in their selection and design
  - Do not take account of wider system constraints such as labour, markets etc.
Complete diet blocks lying unused - India
Forage chopper lying unused - India
What?

- What is needed to avoid futile feed development?
  - A systematic approach to assessing the feeding context
  - Looking wider than just feed
  - Involving farmers and local stakeholders in the process
  - Asking the right questions in a structured way
• **FEAST**
  • A systematic approach to understanding the overall feeding system and thinking with farmers and local stakeholders about possible interventions
  • Focus group discussion
  • Participatory solution identification
  • Household Questionnaire with a few households
  • Data entry and presentation system
  • FEAST report
ACIAR ELF project: applying the FEAST Focus Group Discussion in Ethiopia. Key questions about farming system, livestock holdings, feed resources, labour issues.....
Farmers discussing constraints and solutions, Uttarakhand, India
Ato Liyusew of Holleta Research Centre, Ethiopia, interviews subsistence dairy farmer
Sorts of constraints identified

Frequency score of constraints mentioned by farmers in Africa RISING FEAST assessments

Frequency score

Health | Cash | Feed | Breeding | Knowledge | Water | Market

- Health: 45
- Cash: 40
- Feed: 35
- Breeding: 30
- Knowledge: 25
- Water: 15
- Market: 5
Sorts of solutions identified
Data entry and analysis application

Visit the FEAST website to upload your data to the global data repository and gain access to advanced reports, upgrades and tutorials.

www.ilri.org/feast

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Using FEAST to characterize the farming and livestock production systems and the potential to enhance livestock productivity through improved feeding in in Golgojana, Atsbi-Wonbenta District, Tigray, Ethiopia

T. Hagzi1, S. GebreYohannes2, K. GebreMeskal3, W. GebreYohannes1, T. Egeri1, Andewaw1 and J. Waram2

1Tigray Agricultural Research Institute (TARI)
2Meshelle Agricultural Research Center (MARC)
3International Center for Agricultural Research in the Dry Areas (ICARDA)

February 2014

www.livestockfish.cgiar.org

Report of a livestock feed assessment in Mvomero District, Morogoro Region, the United Republic of Tanzania

By Fred Masamba (CIAT), Andrus Mhango (CIAT) and Alexis E. Kithinji (CIAT)

in collaboration with Regine K. Wama (CIAT) and Ben Luboga (CIAT)

Nairobi, Kenya: International Center for Tropical Agriculture (CIAT)
May 2011
When?

- Evolution of FEAST
Originally developed at cross-country workshop of IFAD Fodder Adoption Project in Hyderabad in 2009
Luke York, Australian intern developed it further in 2010.
Ben Lukuyu developed the training course for FEAST.
Arindam Samaddar developed constraints/solutions methodology
Peter Ballantyne helped with comms, marshalling, championing
Fancy spreadsheet

Respondent
- Add/edit group information
  - Small
  - Medium
  - Big
- New Respondent
- Show all respondent data

Lookup
- Crops
- Planted fodder
- Purchased feeds
- Reference
- Other List
- Units

Outputs
- Group summary
- Livestock holding of the farmers
- Crops grown on farm
- Fodder crop
- Purchased feed
- Contribution
- Dietary composition
- Feed availability
- Additional Output
Standalone App
Improved FGD guide and Questionnaire
Where?

• Where it has been applied
• Where should it be applied?
Download by country

- Ethiopia, 90
- Kenya, 34
- India, 29
- United States, 22
- France, 11
- Tanzania, 11
- Uganda, 11
- Nigeria, 9
- Bangladesh, 8
- Pakistan, 8
- Germany, 7
- United Kingdom, 7
- Indonesia, 7
- Netherlands, 7
- Rwanda, 7
- Zambia, 7
- Other, 155
Download organization type

- Research
- NGO
- Other
- Extension
- Blank
The world
So What?

- How does FEAST help?
  - Gives ideas for feed interventions
    - Appropriate
    - Owned by farmers
    - Fit the context
  - Change knowledge, attitude, practice of those who use them
    - Broader thinking
    - Better understanding of farmer constraints
Where next?

- Couple FEAST with Techfit for prioritizing specific interventions
- Look for opportunities to use FEAST thinking for other problems
- Roll out e-learning materials
- Develop global database of FEAST data
better lives through livestock

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