

High Fodder production and preservation technologies

Why to Improve Fodder Productivity

- Production of sufficient and quality fodder
- Total livestock head 157 million
- Total digestible nutrients required (-----)
- Shortage of Total Digestible Nutrients is 27.29 million tones.
- Shortage of Digestible Protein is 1.68 million tones.
- Green fodder is the cheapest form of feed
- Low fodder productivity due to uncertified seed
- Non-availability of high fodder producing seed.
- Annual import cost of fodder seed is Rs 779 million.
- Issues/Challenge

Issues/Challenge

- Certified seed availability < 5% of total requirement
- No public sector support for seed multiplication
- Limited fodder seed growers
- Severe shortages during lean periods
- Lack of technical know how on seed enterprises
- High cost of silage machine

Implementation Strategy

- Breeders/source seed at NARC
- Supply of source seed to farm as seed entrepreneurs
- Transfer of technical know how for quality seed production
- Linkages between farmers and seed certification department
- Seed certification
- Local manufacturing of silage machine
- Silage product development and promotion

Benefits

- Ensured supply of breeder seed
- Fodder seed production entrepreneurship
- Trained service providers
- Fodder preservation during surplus period
- Enhanced fodder availability during lean periods
- Higher animal productivity



NARC-OAT growing at NARC

