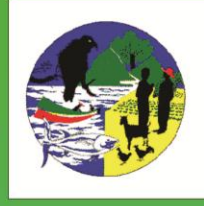




Enhanced Capacities For Disaster Risk Mitigation In Agriculture, Fisheries & Forestry



How to Establish & Maintain a 75' x 75' Forage Bank for Dry Season Feeding of Small Ruminants



PURPOSE: Feed Conservation, Drought Mitigation & Improvement in Livestock Performance

ACTIVITIES: Spray identified area using a systemic herbicide such as Touchdown or Roundup ensuring complete coverage. Allow one and a half weeks for action.

Burn dried grass before plowing ground.

Plough and rotovate the area using a farm tractor plow and harrow small mechanical rototiller or manually using a garden fork.

Apply a contact herbicide such as Gramoxone within one week after tilling to destroy emerging weeds.

Mark out perimeter and plant fence posts.

Fence the area with 6 rolls of 4 ft chain link galvanize wire and 3 strands of barbed wire to keep animals away. Plant Gliricaida cuttings between fence posts to serve as a legume bank. Make provisions for a 4 foot entrance gate.

Sow a mixture of Guinea grass, Brachiaria and legume seeds (such as Stylosanthes hamata), together with Pangola and Elephant grass cuttings one or two days after application or Gramoxone ensuring that there is adequate soil tilt and moisture in the soil. After broadcasting seeds rake lightly to ensure good soil cover. Irrigate post sowing to ensure proper germination. Seeds will germinate after 3 to 4 days.

Practice hand weeding in a timely manner to remove emerging weeds.

Apply NPK fertilizer lightly to growing grass and legume seedlings approximately 2 weeks after sowing.

Perform second application of NPK fertilizer 1 month later.

Perform hand weeding and third application of NPK fertilizer 6 to 8 weeks later.

Requirements: Materials

6 rolls Galvanize Chain link fencing wire

2 Bags NPK fertilizer (12:12:17)

40 Fence Posts 8 Ft apart

1 liter Touchdown herbicide

5 lbs barbed wire staples

2 roll barbed wire (14Ga/600ft each)

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