

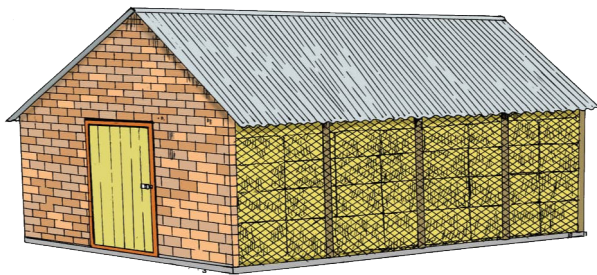
KEYS TO SUCCESSFUL ARTIFICIAL INSEMINATION

The keys to successful AI are:

- Good stockmanship
 - Good cow management
 - Accurate record keeping
 - Proficient heat detection
 - Proper cattle handling and feeding facilities
- Reliable source of high quality semen
 - Proper storage and handling of semen
 - Specialized equipment and/or extensive technology to deliver success
 - An experienced inseminator
 - Done methodically to have a high success rate.

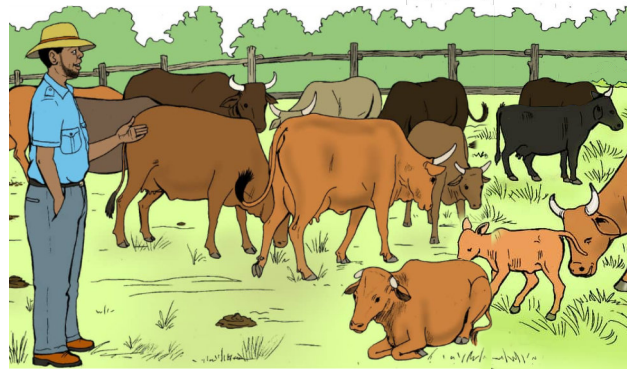
PREPARING FOR SUCCESSFUL ARTIFICIAL INSEMINATION (AI)

1. Have Adequate Fodder (Hay) Sheds/Banks



Have a fodder (hay) shed with hayracks and at least 8 tons of feed per animal.

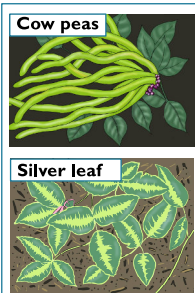
2. Seclusion Pens or Paddocks for Feeding



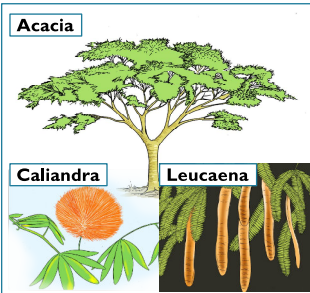
Animals benefit from strong and separate seclusion pens for supplemental feeding.

3. Provide Supplementary Feed

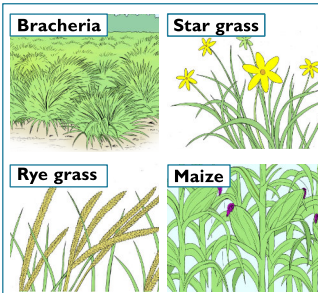
1. LEGUMES



2. TREES



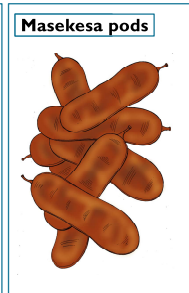
3. CEREALS AND GRASSES



4. CROP RESIDUE

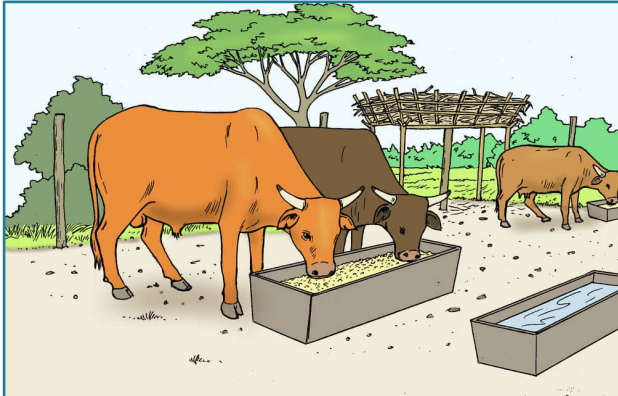


5. RANGELAND



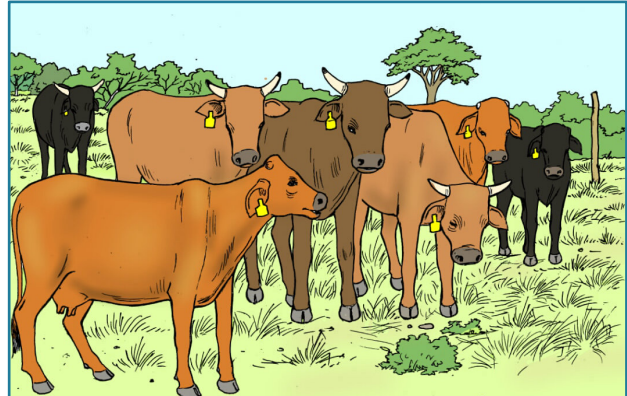
Supplemental feeding with cereals, grasses, stover and legumes greatly benefit animals.

4. Water and Feed Troughs



Position water and feed troughs for easy access.

5. Selecting Quality Cows



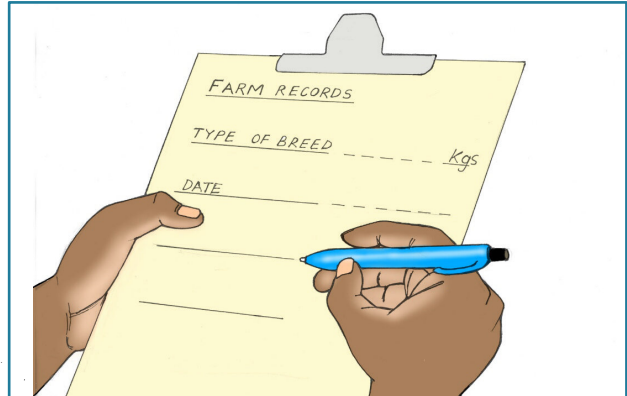
Good cow selection in terms of age and weight. Animals should have body condition scores between 3-3.5 and be ear tagged (where possible).

6. Secure Veterinary Kit/Knapsack Sprayer



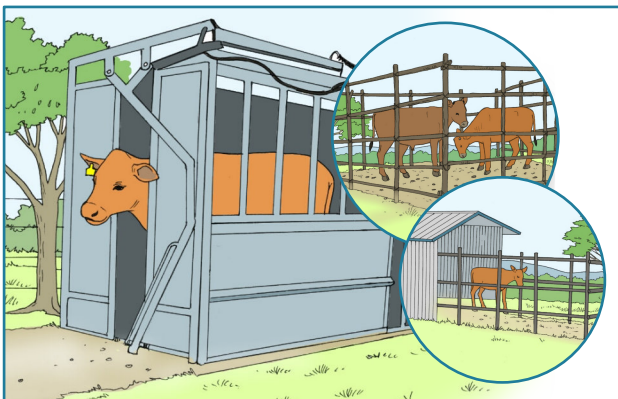
Treat animals as needed with veterinary kit and a knapsack sprayer for dipping.

7. Recordkeeping



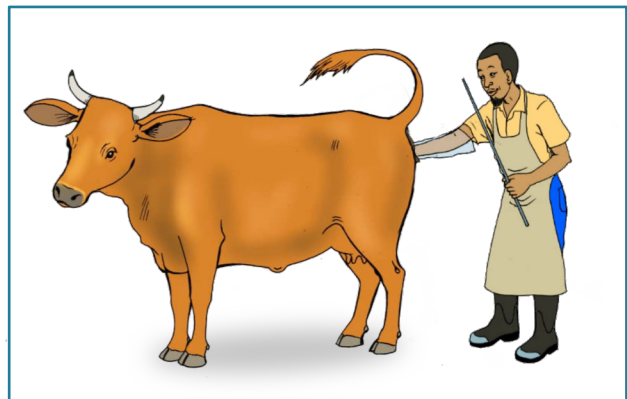
Accurate and consistent recordkeeping is important for heat detection and timing of AI.

8. Calf Pens, Cattle Races and Milk Parlors



Use of calf pens, strong cattle races, and dedicated milking parlors add to AI breeding success.

9. Experienced Inseminator



Use an experienced artificial inseminator, apply correct protocols, and proper heat detection.

