

1. ON FARM TECHNOLOGIES TO DISPLAY

A. Housing

1. Traditional mud grass house
2. Traditional unburned brick and grass house
3. Modern Burned Brick Corrugated Iron sheet House
4. Modern Sand Cement Bloc Corrugated Iron Sheets House
5. Alternative Natural Stone Corrugated Iron Sheet House

Special Problem is alternative Roofing Technologies

B. Cropping Land Use

1. Cultivation without water harvesting structures
2. Cultivation with Misonzo
3. Cultivation with Levo
4. Cultivation with Fanya Juu Terraces
5. Manure/Compost Making Structures

Special Problem is Alternative Land handling Technology -Beyond the Mold Board Plough

C. Grazing Land Use

1. Grazing Without Trees
2. Grazing With Trees
3. Agro Forestry
4. 2 Hectares Chain Link Protected Natural Growth for Extreme Drought Use
5. Stall Feeding
6. Silage Making Structures

Special Problem is Feeding/Watering and Milking Technologies

D. Water Harvesting

1. Roof
2. Compound
3. Terraces
4. Roadside
5. Valleys
6. Micro-Irrigation

Special Problem is Affordable Technologies for the same

E. On Farm Storing

1. Kiinga
2. Utaa
3. MOA Type
4. AIM Type
5. Schellenberg Concrete
6. Plastic Water Tanks as Grain Stores

F. On Farm Energy Sources- Biomass, Biodiesel, Solar, Wind, Biogas, Coal, Pumping?
Communication?

2. FACILITIES FOR EXTERNAL VOLUNTEERS

1. Boarding for 20 people
2. Support structures

3. CENTER ENERGY SOURCES

1. Biomass
2. Solar
3. Wind
4. Biogas
5. Electric Generator
6. Coal

4. CENTER WATER SOURCES

1. Wells
2. Sand Dams
3. Roof harvesting
4. Compound harvesting

5. CENTER TEACHING AND BOARDING STRUCTURES