RECOMMENDED PRACTICES TO ENHANCE SOIL FERTILITY

Buffer

Plant tree and shrub buffers on contours to prevent soil erosion.

Trenches

Establish trenches along the contours to prevent water run off.

Cover Crops

Let spontaneous vegetation grow to enhance biodiversity, or plant cover crops to fix nitrogen in the soil that will feed the trees.



Mineral nitrogen

2 Shade Tree Plant shade trees to structure the soil with roots.



x x X

Biological N-fixation Decomposition



6 Compost Top up with compost.

Protect the soil with mulch.

Mulch

• Weed suppresion

- Good soil structure
- Encourage fauna
- No overheating
- Prevent evaporation