AGROFORESTRY SYSTEMS

Benefits of agro forestry systems:

Contribute to food security and reduce poverty by:

- Year-round production of food and other products for consumption and sale.
- increased efficiency of land, labor and resources
- Restoring the soil fertility

Contribute to environmental conservation by:

- Reduced deforestation and pressure on woodlands
- Protection of water sources (cleaner water - less nutrient runoff)
- Reduced or no need for agro chemicals
- Soil conservation, especially erosion control on hillsides
- Higher biodiversity than in conventional agricultural systems

Contribute to our health by:

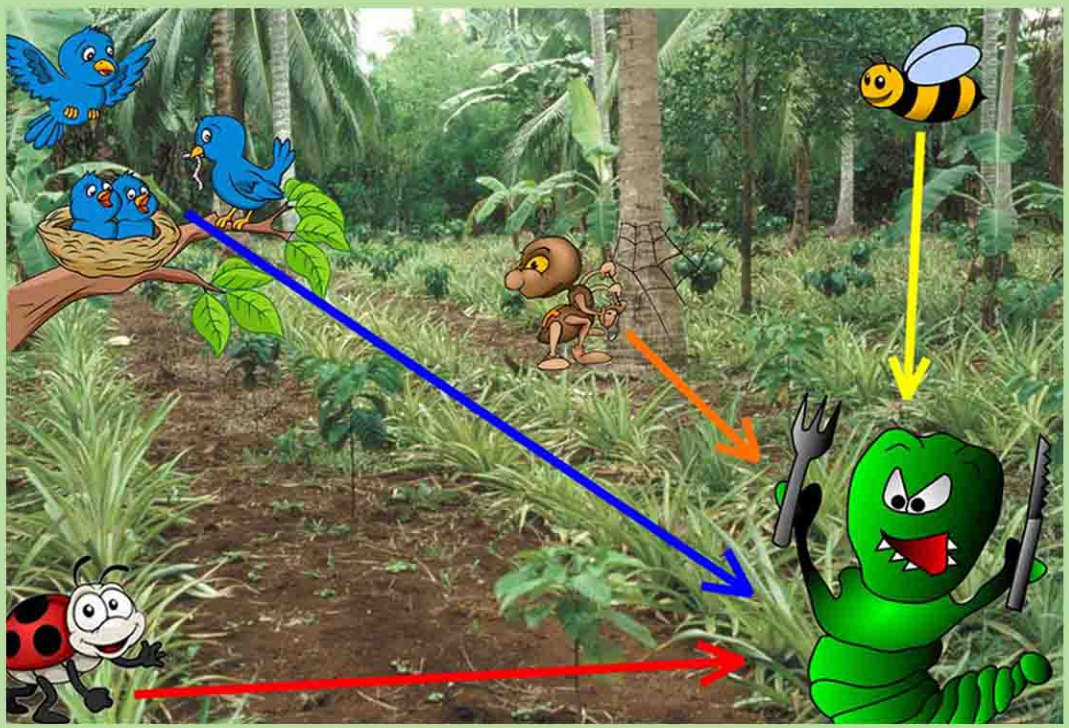
- More diverse human nutrition
- Growing space for medicinal plants
- Better microclimate on the farm through shade and reduced wind

TREE PRODUCTS:

- food (fruits, nuts, ...)
- fuel
- timber
- construction materials
- source for insecticides
- source for medicals
- animal feed
- beekeeping
- source of compost

TOAM
Tanzania Organic Agriculture Movement

Increase the productivity of your farmland by introducing trees!



How trees improve the growing conditions of your crops:

- Leguminous trees fix nitrogen and thus make it available to other plants.
- Trees increase the amount of soil organic matter and soil fertility
- Trees increase the soil moisture through shade and mulch (leaves)
- Trees protect crops from direct sunlight and wind
- They support a wide variety of birds, insects and other beneficial animals.

Where to plant trees

- Individual trees in gardens, around houses, etc.
- Dispersed trees in cropland and grassland
- Rows of trees between crops
- Hedges along roads, waterways, etc.
- Living fences and borderlines
- Windreaks
- Erosion control on hillsides, terraces, ...
- Forests for the production of fuel and timber

www.kilimohai.org