

Welcome to Dry Zone, Myanmar

GRET - Monywa



Activities towards Agroecology transition

(Implemented by GRET-Dry zone - Myanmar)

Fact About GRET

- ❖ Has been working since 2011 in Dry Zone Myanmar based at Monywa

2011 - 2013 (Danida - I)

Dry zone livelihood security through Rural Community Development and Capacity Building

Agriculture

Access to Water Facility

Two components (funded by Danida)

2014 - 2015 (Danida - II)

Myanma Farmers Innovating for Rural Development and Environmental Restoration - 2014 - 2015 (Danida - II)

Objective

- ❖ Improving the living condition of small and medium farmers and vulnerable people through suitable innovation.

Main Focus

- ❖ To reduce environmental degradation (To protect soil erosion)
- ❖ To promote make use of compost
- ❖ To reduce chemical fertilizer and pesticide application
- ❖ To achieve long tern benefit income

To reduce the environmental degradation through agro-ecological watershed management and good agro-ecological farming practices

❖ Implementation Strategy

- To protect soil erosion by implementing soil conservation measures*

a. Farm land Situation



b. Protecting soil erosion with different physical measures



b. Trees for fodder, soil fertility improvement



b. Recharge water in hand dug well (Result of SC implementation)



c. Tree Planting (Pioneer species)



Acacia holosericea

Dodonea angustifolia

- ❖ Leaf liter
- ❖ Fertility of Agriculture land
- ❖ Soil bund, contour bund and slope bund stabilization
- ❖ Fire wood
- ❖ Charcoal



Consequent production of **leaf litter**- *Acacia holosericea* and *Dodonea angustifolia*



Pioneer species can provide : Leaf litter, fertility of agriculture land, soil contour bund and slopes stabilization, binding soil, fire wood, charcoal



b. Agroforestry



Mangifera indica



Limonia acidissima



sterculia foetida

Make use of different type of compost



Make Use of Plant Extract Pesticide



Tobacco soap solution



Rice husk charcoal vinegar



EM -5 solution