

**Agroforestry and Sustainable Vegetable Production
in Southeast Asian Watersheds**

**Drip Irrigation Training
NLU Team**

**Study site: Nghia Trung Village, Bu Dang District,
Binh Phuoc Province, Vietnam**

Drought and water use conservation:



Drought is a serious problem in the study area during the dry season.

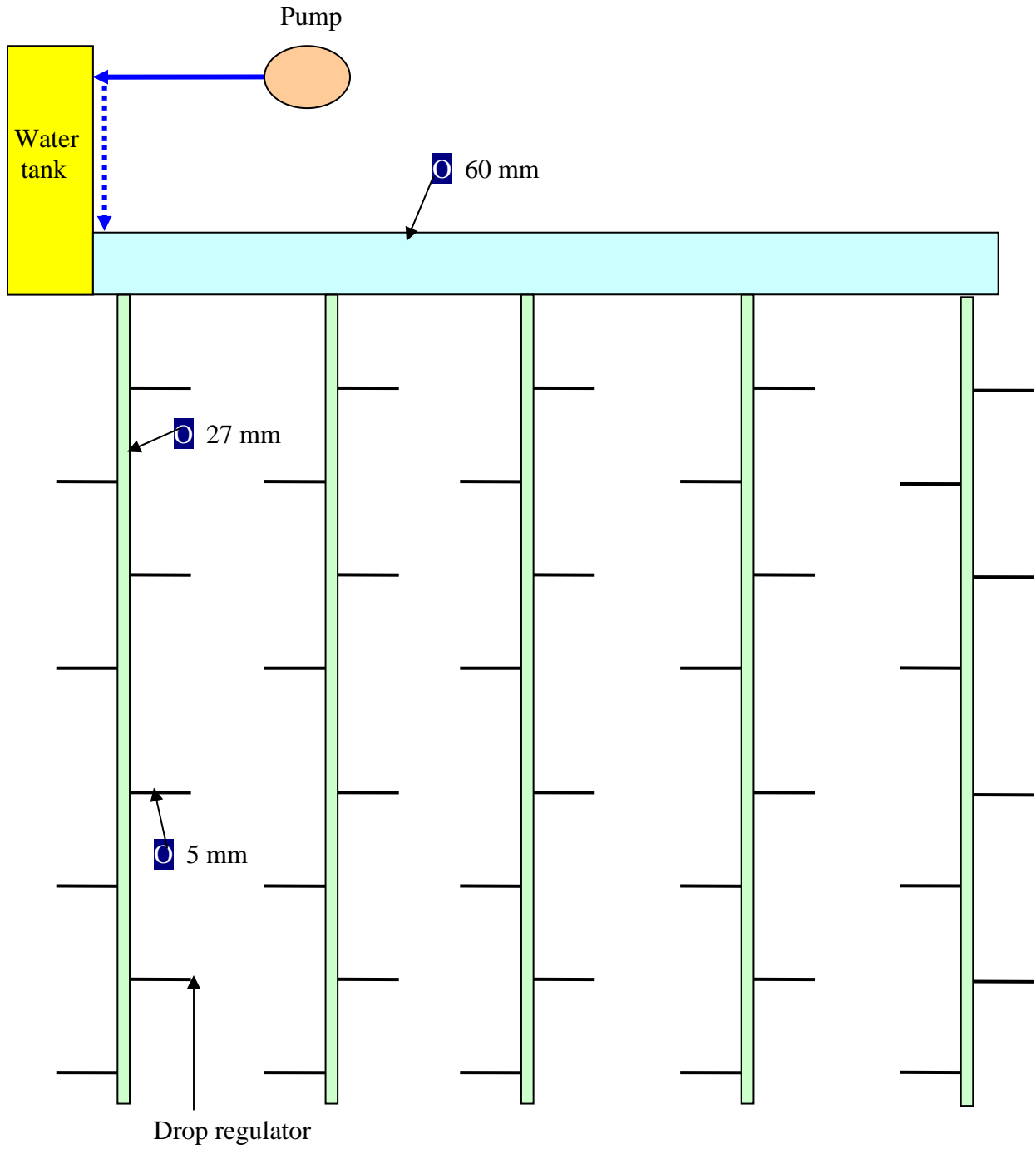
Low cost drip irrigation system is a solution to help farmers to conserve water, reduce irrigation cost and improving the efficiency of fertilizer and crop yield.

A drip irrigation training was conducted for local farmers and a low cost on-farm drip system was set up for cacao-cashew system for demonstration and on-farm trial.

Demonstration on how to set up the drip system



The design of the drip system



Some photos from the drip irrigation training



Discussion with farmers on the on-field training and design for the drip system



Preparing for the water pipes



Practicing with the samples

On-field training and participating in set-up a real drip irrigation system:





Hand on measuring drip line.



Practicing connecting drip line to the main water line



The drip irrigation system is ready to run the first test



The drip system on 0.5 ha of cashew-cacao is functioning well and ready for use

- Drip irrigation may be a possible solution to alleviate water competition between trees and vegetables, and improve water use efficiency, and improve vegetable yield and quality.

Planned activities:

- On-farm trial with IDE Drip system for home agrden vegetables.
- Assess the cost effectiveness of drip technology.

