

# How to make my farm more sustainable?

## Coffee Smallholder - Vietnam

### Shade trees



Without shade, your trees and soil get exhausted. You would not be able to sustain your productivity.



Shade trees are important to sustain your productivity in a long run.

#### Benefits of shade trees:

- Protection from strong sunlight
- Keeping moisture in the soil
- Preventing pest and disease infestation
- Soil erosion control
- Sustainability of coffee production
- Fallen leaves add organic matter to the soil.
- Some shade trees can fix nitrogen in the soil.
- You may get extra income from timber or fruits.

### Conservation of forests

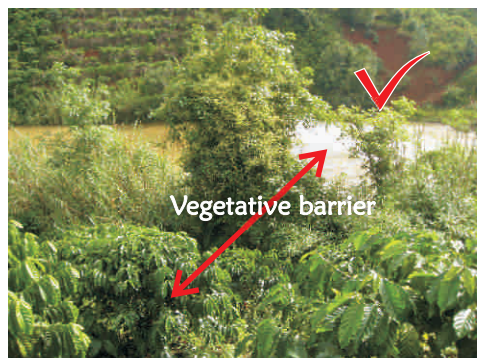


No more burning of tropical forests. Let us try to increase the production by raising productivity of existing farms.

### Water conservation



When crops are right next to water, chemicals can contaminate the water when you spray.



Establish vegetative barrier between crops and water. OR, do not spray the crops near the water.



Do not wash equipments in natural water bodies



Wash the equipment away from water bodies. You can filter the washing water with the layers of sand and activated carbon.

### Protective clothing



Do not damage your health with chemicals



A dust mask does not protect you from chemicals.



### Chemical storage



Do not store chemicals in the house



Examples of small chemical store made of a metal drum. It should be locked with a key. Do not put it directly under the sun.



### Soil conservation



Soil is the basis for your production. You should not lose it through erosion.



#### Protect your soil by:

- Putting mulch over the soil
- Keeping the green cover
- Using less herbicide
- Applying organic fertilizer
- Planting in contour on slopes
- Planting shade trees etc.

### Waste management



No burning of waste



No mixing of organic and plastic wastes



Do not throw away chemical containers on the farm



Let's compost coffee pulp and organic waste



Keep chemical containers separately. Ask the chemical suppliers to collect the containers.

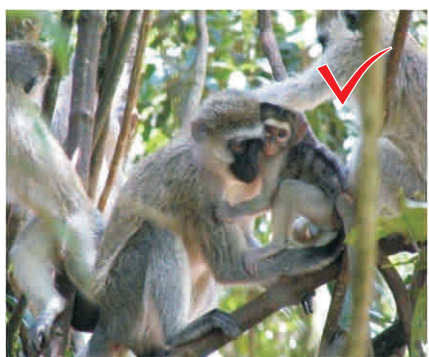


Collect plastics separately. Try to send them for recycling. If it is difficult to do it individually, it can be organized as a group.

### Wild life protection



Do not hunt wild animals or keep them as pets



In collaboration with:

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WASI (Western Highlands Agro-Forestry Scientific & Technical Institute)

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