

# ATSA Soil Management Training



**Improve Your Soils  
Increase Crop Production  
Make Your Own Fertilizer**

**Understand Your Soil  
Use Less Chemical Fertilizer**

*An ATSP "Agriculture Productivity" Services Opportunity*

# Soil Management Training

## Services Overview

The basis of this service is soil management training based on the "Living Soils" training methods promoted by FAO across Cambodia and Asia. Learning is focussed on farmers understanding soil structure, soil ecology methods to increase soil fertility through management practices and preparation of organic fertilizer. The training lasts approximately three months which includes field level studies and preparation of organic fertilizer using a number of different methods, including composting, mulching and liquid fertilizer techniques with a group of up to 30 farmers meeting on a weekly basis. The objective of the training is to increase overall soil fertility resulting in increased crop production and sustainability. ATSA can tailor courses for specific needs of the client.



## Training Agenda Topics

- Soil Structure
- Importance of Soil Organic Matter
- Importance of Soil Structure on Water Retention
- Soil Erosion Dynamics
- Soil Organisms and Ecology
- Green Manure Crops
- Composting, Liquid Fertilizer and Mulching

## ATSA Training Personnel

Services are provided by a network of more than 500 District-based expert trainers with many years experience supported by more than 1500 community-based expert farmer trainers lead this powerful course. They are provided technical and training backup by central ATSA staff with International experience in IPM and FFS who help tailor and update course content.

## Expected Outputs

1. Increased Understanding of the Importance of Soil Structure on Crop Growth
2. Appreciation and Understanding of Soil Ecology
3. Knowledge on Green Manure Crops
4. Knowledge on the Importance and Practice of Mulching
5. Basic Understanding of Composting and Liquid Fertilizer Production and Use

## Costs

Cost per 3 month course on Soil Management is \$650 for 30-40 farmers. \$200 for 5 week short course.

## Contacts

**Agriculture Technology Services Association**  
No. 14, Monireth Blvd,  
Sangkat Toul Svay Prey II,  
Khan Chamkar Morn,  
Phnom Penh, Cambodia.  
POB 2483, Tel/Fax: (855) 23 720 485  
E-mail: [ATSAkh@online.com.kh](mailto:ATSAkh@online.com.kh)

