



# PROFESSIONAL TRAINING PROGRAM

## « INCREASE SOIL FERTILITY FROM KNOWLEDGE TO IMPLEMENTATION OF AN APPROACH ON THE FARM »

*This programme can also be consulted directly on the TERREOM website at:*

<https://www.terreom.fr/en/formation-fertilite-sol>



### CONTEXT

**Soil** is an **essential resource** for agriculture and Humanity. Somewhat neglected by the agronomic model of recent decades, **the soil is the place of an intense biological life** where the root is in permanent relationship with other living organisms.

This training addresses the topic of **soil fertility**, the **means to measure it** and the **levers to develop it**, as well **the most appropriate practices to implement** and the way to **design a cropping system to develop it**. Based on agronomic considerations, it presents the **thinking to be put in place at the farm level to change its practices accordingly**.

Afterwards, the training should make it possible **to evolve towards the implementation of agro-ecological practices and to reduce the use of inputs** (fertilizers, phytosanitary products in particular).



### OBJECTIVES



#### UNDERSTAND

how the soil is structured



#### CONTROL

soil fertility and its forces



#### UNDERSTAND

the vital role of soil life for its  
fertility





### KNOW HOW TO USE

tools for measuring overall soil fertility



### KNOW HOW TO ELABORATE

a cropping system that promotes development of soil fertility



### SET UP

agro-ecological practices to reduce the use of inputs (phytosanitary products, fertilizers,...)



### PUBLIC CONCERNED

All public



### PREREQUISITE

None



### ACCESSIBILITY

If you have a physical disability, please let us know. We will then make the necessary arrangements to enable you to take full advantage of the training.



*Suitable for people with a mobility impairment*



*Suitable for people with a hearing impairment*



*Suitable for people with a speech impairment*



*Suitable only for the visually impaired persons*



## ORGANISATIONAL CONDITIONS



14 hours



9:00 a.m. to 12:30 p.m. and 2:00 p.m. to 5:30 p.m.



4 minimum – 15 maximum



## « NEAR YOU » TRAINING

In the case of a "near you" training, the minimum number of participants may be adjusted to take into account the distance from our headquarter.



## EDUCATIONAL RESOURCES



Classroom training



Use of a video-projector and a paperboard



A permanent internet access to the slideshow and training course folder will be provided to each participant at the start of the course



Interactive exchanges with the trainees



Focus on methods for observing and measuring fertility of the soil



Co-construction with trainees of a plan action to promote soil fertility



## TECHNICAL RESOURCES



Room equipped with a video-projector and a projection screen



Use a video slideshow and a flipchart



Use of educational sheets (soil observation sheets, glossary of understanding soil analysis)



## TRAINING MANAGER

**Raphaël MARTIAL**

*Agricultural engineer (ENITA BORDEAUX) and former adviser to the Landes Chamber of Agriculture  
More than 20 years of experience in the agricultural sector*



## TRAINING PLAN

### I. The soil, cradle of fertility

- How a soil is structured
- Soil, where worlds meet
- The mainsprings of soil fertility

### II. Measure the fertility of the soil

- All the techniques and protocols for measuring the different dimensions of fertility (physical, mineral and biological)
- The importance of organic matter in the construction of the fertility of the soil

### III. Establish an approach on the farm

- The different axes of construction of the method
- Focus on the practices to be put in place to increase soil fertility over time



## MONITORING AND EVALUATION



Signing of an attendance sheet at the beginning of each half-day



At the end of the training, a certificate will be given to each participant



End of course questionnaire completed by each trainee to check understanding and good acquisition of the different topics



**TRAINING PRICE**



**Inter-company training**

245 € including taxes per day

**i.e. 490 € including taxes**

(individual price)



**Intra-company training**

1800 € including taxes per day  
(excluding travel expenses)

i.e.

**3600 € including taxes**  
(excluding travel expenses)

(group price)



**Delivery in a training centre**

800 € including taxes per day  
(excluding travel expenses)

i.e.

**1600 € including taxes**  
(excluding travel expenses)

**Funding is available!**

*Click on the following link to learn more*

<https://www.terreom.fr/en/formations-financement>



**I AM INTERESTED IN THIS TRAINING**

**I REGISTER BY CLICKING ON THE LINK OPPOSITE**

<https://www.terreom.fr/en/inscription-fertilite-sol>

