

PROFESSIONAL TRAINING PROGRAM

«SOIL ANALYSIS – BECOME INDEPENDENT IN DIAGNOSIS DEVELOPMENT AND AGRONOMIC SOLUTION FORMULATION»

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

<https://www.terreom.fr/en/formation-analyse-sol-devenir-autonome>



CONTEXT

This training is a **continuation of the course entitled "Understanding and value easily the soil analysis to increase its fertility"**. In this first part, the learner was able to:

- Learn how to take a soil sample for laboratory analysis,
- Become familiar with each soil analysis indicator, particularly its agronomic dimension, its order of magnitude, and how to interpret it,
- Discover three support tools, with their functionality illustrated using the results of the soil analyses they provided,
- Understand how soil fertility is built and what its indicators are,
- Know how soil analysis fits into the assessment of soil fertility and be aware of complementary tests.

The **objective** of this **second part** is to **enable the learner to link the indicators together to build a comprehensive diagnosis of the soil's mineral functioning**. This first step should then allow them to **formulate concrete solutions to adjust agricultural practices accordingly**.



OBJECTIVES



UNDERSTAND

How is soil fertility built, and what are its indicators



KNOW

How soil analysis is positioned in the assessment of soil fertility and knowing the complementary tests.



KNOW HOW TO ADAPT

consequently, their practices to increase soil fertility



KNOW HOW TO DEVELOP

a complete diagnosis and formulate agronomic recommendations



KNOW HOW TO APPLY

diagnostic techniques on concrete examples



PUBLIC CONCERNÉD

All public



PREREQUISITE

Have participated in the training "Understand and easily value your soil analysis to increase its fertility"



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



ORGANIZATIONAL CONDITIONS



7 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



Group work around soil analyses to develop a complete diagnosis and formulate agronomic recommendations



Interactive exchanges with participants to facilitate analysis work and guide the development of the diagnosis



TECHNICAL RESOURCES



Room equipped with a video-projector and a projection screen



Use a video slideshow and a flipchart



Use of diagnostic support tools for soil analysis and formulation of agronomic recommendations



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. Reappropriate soil analysis indicators

- Granulometry et texture: links between texture and agronomic properties of soils
- Soil organic matter (OM): OM rate, C/N ratio, mineralization coefficient, biological activity index, humic balance
- Cation exchange capacity: CEC size, filling rate and CEC composition
- pH and acid-base status: pH KCl, pH H₂O, calcium carbonate and chlorosis power, mastering soil acidity
- Macro and trace elements: contents, needs and interactions

II. Know how to build a diagnosis form soil analysis results

- Respective interaction of soil analysis indicators
- Interpretation of deviations from the average
- Simple techniques for building a diagnosis and formulating agronomic recommendations

III. Group work around their respective soil analyses

- Study of soil analyses brought by each participant
- Handling of diagnostic support tools
- Construction of a complete diagnosis from the results of each soil analysis
- Development of agronomic recommendations to adapt agronomic practices

IV. Presentation of group work and interactive discussions on the results



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

(individual price)



Intra-company training

1800 € including taxes
(excluding travel expenses)

(group price)



Delivery in a training centre

800 € 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/formation-analyse-sol-devenir-autonome-inscription>