

# Hellenic Accreditation System



Annex F1/6 to the Certificate No. **487-3**  
**SCOPE of ACCREDITATION**  
of the  
**Soil Analysis Laboratory**  
of the  
**Institute of Industrial and Fodder Crops (I.I.F.C.)**  
of the  
**Agricultural Research General Directorate**  
of the  
**Hellenic Agricultural Organization "DEMETER"**  
of the  
**Ministry Ministry of Rural Development and Food".**

Tested materials/products	Types of test/Properties	Applied Methods/Techniques
<b>Chemical Testing</b>		
1. Soils	1. Determination of available copper	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996 Method code: OE-24
	2. Determination of available iron	
	3. Determination of available manganese	
	4. Determination of available zinc	
	5. Determination of Exchangeable Potassium and Magnesium	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-19
	6. Determination of soil acidity (pH)	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-18
	7. Determination of Nitrate Nitrogen	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-21
	8. Determination of available Phosphorous (Olsen)	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-22

Tested materials/products	Types of test/Properties	Applied Methods/Techniques
1. Soils (cont.)	9. Determination of Total Nitrogen (TKN) (Kjeldhal)	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-23
	10. Determination of organic matter	In house method based on: Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, K. Alexiadi, Physical and Chemical analysis of soil Method code: OE-25
2. Soils, sludge	1. Determination of total forms of heavy metals Cd, Cu, Cr, Ni, Pb, Zn	In house method based on Meth. Soil Anal. Part3, Chemical Methods SSSA**, 1996, Method code: OE-20
3. Soils	Concerning submitted samples of soil and application of the analytical methods of the Scope of the Accreditation ; Interpretation of laboratory soil sample analysis and express of opinion on the soil fertility, regardless of culture.	In house method based on: 1. Methods of Soil Analysis, Part 2- Chemical and Microbiological Properties, 2 <sup>nd</sup> Edition by Page et al. 1982. ASA (American Society of Agronomy), SSSA (Soil Science Society of America), Mad. WI., and its subsequent versions. 2. Soil Testing and Plant Analysis, 3 <sup>rd</sup> Edition by Westerman, 1990. SSSA (Soil Science Society of America), Mad. WI. 3. Soil Analysis, an interpretation manual. By Peverill, K.I., L.A. Sparrow, and D.J. Reuter 1999. Australian Soil and Plant Analysis Council, ASPAC. Collin. AU.

\*\*Soil Science of America, American Society of Agronomy, M.W.USA

Site of assesment : **Laboratory Permanent premises, 1 Theofrastos Str, Larissa, Greece**

Approved signatories : **Ch. Tsantilas, M. Tziouvalekas**

This Scope of Accreditation replaces the previous one dated November 28<sup>th</sup>, 2014.

The Accreditation Certificate No. **487-3**, to ELOT EN ISO/IEC 17025:2005, is valid until 14.12.2016

Athens, January 18<sup>th</sup>, 2016



**Ioannis Sitaras**  
Director of the Laboratories Accreditation Division