



Valid from 30 October 2019  
to 30 November 2020  
Issued on 12 December 2019

As an accredited laboratory, this laboratory is entitled to  
use the following accreditation symbol.



ISO/IEC 17025  
TL 090 - 01

## Schedule of Accreditation

Accreditation Scheme for Testing Laboratories  
Sri Lanka Accreditation Board for Conformity

Assessment Accreditation Number : TL 090 – 01

**Central Soil Testing Laboratory**  
**Horticultural Crops Research & Development Institute**  
**Department of Agriculture**  
**Gannoruwa, Peradeniya**

**Scope of Accreditation:** Performing chemical testing on Soil and Fertilizer as per the  
Test Methods appearing in this Schedule.

The laboratory is accredited for the following tests tests as per given in the page 01 of 01.

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection	
1	Soil	pH	HORDI/P/5.4-03 (pH)	3.0-10.0	
		Electrical Conductivity	HORDI/P/5.4-03 (EC)	0.001-4.0 dS/m	
		Available Phosphorous	HORDI/P/5.4-03 (Av-P)	0.05-400 mg/Kg	
		Exchangeable Potassium	HORDI/P/5.4-03 (Ex-K)	2 - 1000 mg/Kg	
		<u>Exchangeable Calcium and Magnesium</u>	HORDI/P/5.4-03 (Ex-Ca & Mg)	0.005 – 2000 mg/Kg	
		Ca		0.05 – 250 mg/Kg	
		<u>Available micronutrients</u>	HORDI/P/5.4-03 (Micronutrients)	Fe	0.05 – 100 mg/Kg
		Fe		0.05 – 100 mg/Kg	
		Cu		0.01 – 60 mg/Kg	
		Mn		0.05 – 20 mg/Kg	
		Zn			
		<u>Total Trace Elements</u>	HORDI/P/5.4-03 (Trace Metal-Total)	Fe	0.1 – 50000 mg/Kg
		Fe		0.1 – 25000 mg/Kg	
		Cu		0.1 – 15000 mg/Kg	
		Mn		0.1 – 5000 mg/Kg	
		Zn		0.1 – 25000 mg/Kg	
		Pb		0.05 – 1.75 mg/Kg	
		Cd		0.05 – 30 mg/Kg	
		Cr		0.5 – 35000 mg/Kg	
		As	0.01 – 10 mg/Kg		
As	0.001 – 250 mg/Kg				
2	Fertilizer	Total Trace Elements	HORDI/P/5.4-03 (Trace Metal-Total)		
		Fe		0.1 – 50000 mg/Kg	
		Cu		0.1 – 25000 mg/Kg	
		Mn		0.1 – 15000 mg/Kg	
		Zn		0.1 – 5000 mg/Kg	
		Pb		0.1 – 25000 mg/Kg	
		Cd		0.05 – 1.0 mg/Kg	
		Cr		0.05 – 30 mg/Kg	
		Cr		0.5 – 30000 mg/Kg	
		As		0.05 – 10 mg/Kg	
As	0.05 – 250 mg/Kg				