# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** SOIL TESTING LABORATORY (DEPARTMENT OF AGRICULTURE, GOVERNMENT OF RAJASTHAN), KARNI MARG, GANGANAGAR, RAJASTHAN, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-10935 **Page No** 1 of 1

**Validity** 25/08/2022 to 24/08/2024 **Last Amended on** -

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | CHEMICAL- SOIL AND ROCK | Soil | Available Phosphorus | IARI Method Manual Section-1.4.10 (Olsen Method) |
| 2 | CHEMICAL- SOIL AND ROCK | Soil | Copper | IARI Method Manual Section -1.4.13 (DTPA CaCl2 Method) |
| 3 | CHEMICAL- SOIL AND ROCK | Soil | Electrical Conductivity | IARI Method Manual Section-1.4.3 |
| 4 | CHEMICAL- SOIL AND ROCK | Soil | Iron | IARI Method Manual Section -1.4.13 (DTPA CaCl2 Method) |
| 5 | CHEMICAL- SOIL AND ROCK | Soil | Manganese | IARI Method Manual Section -1.4.13 (DTPA CaCl2 Method) |
| 6 | CHEMICAL- SOIL AND ROCK | Soil | Organic Carbon | IARI Method Manual Section-1.4.6 (Walkley and Black Method) |
| 7 | CHEMICAL- SOIL AND ROCK | Soil | pH | IARI Method Manual Section-1.4.2 |
| 8 | CHEMICAL- SOIL AND ROCK | Soil | Potassium | IARI Method Manual Section-1.4.11 (Ammonium Acetate Method) |
| 9 | CHEMICAL- SOIL AND ROCK | Soil | Sulphur | IARI Method Manual Section-1.4.11 (Chesnin and Yien Method) |
| 10 | CHEMICAL- SOIL AND ROCK | Soil | Zinc | IARI Method Manual Section-1.4.13 (DTPA CaCl2 Method) |
| 11 | CHEMICAL- WATER | Irrigation Water | Electrical Conductivity | IARI Method Manual Section-3.2.2 |
| 12 | CHEMICAL- WATER | Irrigation Water | pH | IARI Method Manual Section-3.2.1 |