

## Equipment's Available in Agriculture Laboratories

S.N.	Departments wise laboratories	Name of Equipment
1.	<b>Agronomy+ Agroforestry</b>	<ul style="list-style-type: none"> <li>➤ Moisture meter</li> <li>➤ Seed Germinator</li> <li>➤ Conductivity Meter</li> <li>➤ pH Meter</li> <li>➤ Water Bath</li> <li>➤ Tensiometer</li> <li>➤ Shaker</li> <li>➤ Soil Analysis Kit</li> <li>➤ Chlorophyll Meter</li> <li>➤ Drip and Sprinkler System, Sprayer,</li> <li>➤ Spring Balance 50 Kg, 10 Kg</li> <li>➤ Electrophoresis assembly</li> </ul>
2.	<b>Agricultural Entomology</b>	<ul style="list-style-type: none"> <li>➤ Binocular Microscope</li> <li>➤ Insect Collection Box</li> <li>➤ Insect Collection Nets</li> <li>➤ Collection Bottles</li> <li>➤ Insect Collection Big Boxes for Museum</li> <li>➤ Stereomicroscope</li> <li>➤ Electronic Balance</li> <li>➤ Soxhlet Extraction Apparatus</li> <li>➤ Oven</li> <li>➤ Patters Tower</li> <li>➤ Sprayers</li> <li>➤ Bee Keeping Equipments</li> </ul>
3.	<b>Genetics &amp; Plant Breeding/Biotechnology</b>	<ul style="list-style-type: none"> <li>➤ Microscope</li> <li>➤ Binocular, microscope</li> <li>➤ Electronic Moisture Meter</li> <li>➤ Electronic Balance</li> <li>➤ Seed Germinator</li> <li>➤ Seed moister meter(digital)</li> <li>➤ Automatic seed/grain counter,</li> <li>➤ Hot Air Oven</li> <li>➤ BOD Incubator</li> <li>➤ Fluorescence microscope</li> <li>➤ Centrifuge</li> <li>➤ Growth Chamber</li> <li>➤ Distillation Assembly</li> </ul>

4.	<b>Horticulture /Food Science &amp; Technology</b>	<ul style="list-style-type: none"> <li>➤ Hand Refractometer</li> <li>➤ Digital Refractometer</li> <li>➤ Oven</li> <li>➤ Refrigerator</li> <li>➤ Electronic Weighing Balance</li> <li>➤ Pan Balance (1 kg &amp; 10 kg. capacity each)</li> <li>➤ Deep Freezer</li> <li>➤ pH Meter</li> <li>➤ Fruit crusher</li> <li>➤ Grinding and Mixing Machine</li> <li>➤ Distillation Assembly</li> <li>➤ Muffle furnace</li> <li>➤ Water bath</li> <li>➤ Hot air oven</li> <li>➤ Fruit penetrometer</li> <li>➤ Pulper</li> <li>➤ Juice extractor</li> <li>➤ Crown corking machine</li> <li>➤ Spectrophotometer</li> <li>➤ Microwave oven</li> <li>➤ Baking oven</li> <li>➤ Sieve shaker</li> <li>➤ Poly pouch sealer</li> <li>➤ Crusher</li> <li>➤ Masala grinder</li> <li>➤ Dehydrator</li> <li>➤ Vacuum pump</li> </ul>
5.	<b>Soil Science</b>	<ul style="list-style-type: none"> <li>➤ Electronic Top pan balance (0.1 g capacity)</li> <li>➤ Electronic Top pan balance (1 mg capacity)</li> <li>➤ Hot air oven</li> <li>➤ pH Meter</li> <li>➤ EC Meter</li> <li>➤ Flame Photometer</li> <li>➤ Visible spectrophotometer</li> <li>➤ Hot Plate</li> <li>➤ Distilled water unit</li> <li>➤ Water Bath,</li> <li>➤ Rotary Shaker</li> <li>➤ Binocular Microscope</li> <li>➤ BOD</li> <li>➤ Incubator</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Autoclave</li> <li>➤ Microwave oven,</li> <li>➤ Digestion block</li> <li>➤ Hydrometer</li> <li>➤ Infiltrometer</li> <li>➤ Hydraulic conductivity meter</li> <li>➤ Atterberg's limitsmeter</li> <li>➤ Nitrogen analyser</li> </ul>
<b>6.</b>	<b>Plant Pathology</b>	<ul style="list-style-type: none"> <li>➤ Microscope compound with photo display arrangement</li> <li>➤ Stero binocular</li> <li>➤ Sample processing Board (Dry preservation of samples)</li> <li>➤ Wet preservation Jars</li> <li>➤ Autoclave</li> <li>➤ Oven</li> <li>➤ Deep Freezer</li> <li>➤ Centrifuge (3000 rpm)</li> <li>➤ Refrigerator</li> <li>➤ Water bath</li> <li>➤ Electronic balance</li> <li>➤ Weighing machine</li> <li>➤ Incubator</li> <li>➤ Ocular meter</li> <li>➤ Stage Micrometer</li> <li>➤ Camera Lucida</li> </ul>
<b>7.</b>	<b>Tissue culture Lab</b>	<ul style="list-style-type: none"> <li>➤ Laminar Air Flow</li> </ul>