## **Plant Biotechnology Research Lab**

## معمل أبحاث التكنولوجيا الحيوية للنبات

## مدير المعمل: ا.د. محمود الزعبلاوي البدوي

Image	No.	Equipment
	1	<ol> <li>Trinocular Inverted Phase Microscope</li> <li>Model: SXD2</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Optika</li> <li>Manufacturing country:         Italy     </li> </ol>
	1	<ul> <li>2.Double Baum UV-Spectrophotometer</li> <li>Model: T80+</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: PG</li> <li>Manufacturing country: England</li> </ul>
	1	<ul> <li>3. Hybridization Incubators</li> <li>Model: HyberigeneHB-3D</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Techne</li> <li>Manufacturing country: England</li> </ul>

	1	<ul> <li>4. Vacuum-Blot System</li> <li>Model: CSL-D96</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Cleaver</li> <li>Manufacturing country: England</li> </ul>
236 HK	1	<ul> <li>5. Cooling Centrifuge 30000rpm</li> <li>Model: Z36HK</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Hermle</li> <li>Manufacturing country: Germany</li> </ul>
	1	<ul> <li>6. Vortex</li> <li>Model: BV-1000</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Benchmixer</li> <li>Manufacturing country: Twain</li> </ul>

Wacath	1	<ul> <li>7. Shaker Water Bath</li> <li>Model: WsB/8</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Daihan</li> <li>Manufacturing country:</li> <li>Koria</li> </ul>
	1	8. Recirculating Cooler/Chiller  • Model: FL300  • Manufacturing year: 2013  • Manufacturer: Julabo  • Manufacturing country: Germany
	1	<ul> <li>9. Gel Documentation System-II</li> <li>Model: MicroDOC Uv312</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Cleaver</li> <li>Manufacturing country: England</li> </ul>
	1	<ul> <li>10. Analytical balances for 0.001g</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Sartorius</li> <li>Manufacturing country: England</li> </ul>

	1	<ul> <li>11. Analytical balances for 0.0001g</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Sartorius</li> <li>Manufacturing country: England</li> </ul>
Z in 1 Block	1	<ul> <li>12. Gradient PCR</li> <li>Model: MG96</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Enzayme</li> <li>Manufacturing country: USA</li> </ul>
	1	<ul> <li>13. Semi Dry Blotting</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Cleaver Scientific</li> <li>Manufacturing country: England</li> </ul>
	1	<ul> <li>14. pH Meter</li> <li>Model: 3510</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: jenway</li> <li>Manufacturing country: England</li> </ul>

1	<ul> <li>15. Biolistic Particle Delivery Systems</li> <li>Model: PDS-1000 / He<sup>TM</sup> and Hepta<sup>TM</sup> Systems</li> <li>Manufacturing year: 2014</li> <li>Manufacturer: Bio-Rad</li> <li>Manufacturing country: USA</li> </ul>
1	<ul> <li>16. Comet single cell gel electrophoresis system</li> <li>Model: CSL-Com40</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Cleaver Scientific</li> <li>Manufacturing country: England</li> </ul>
1	<ul> <li>17. Liquid Nitrogen Tank</li> <li>Model: 1C-20R</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Cryogenics</li> <li>Manufacturing country: USA</li> </ul>
1	<ul> <li>18. Gel dryer</li> <li>Model: 2.CSL-GDVH35(1C)</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Cleaver Scientific</li> <li>Manufacturing country: England</li> </ul>

	1	<ul> <li>19. PUMP</li> <li>Model: 3.mz2c+2ak PUMP</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Cleaver Scientific</li> <li>Manufacturing country: England</li> </ul>
	1	<ul> <li>20. Shaker</li> <li>Model: SSM1/2/2</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: STUART</li> <li>Manufacturing country: England</li> </ul>
	1	<ul> <li>21. Horizantal Gel Electrophoresis Unit</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Cleaver Scientific</li> <li>Manufacturing country: England</li> </ul>
MAX FILL	1	<ul> <li>22. Vertical Gel Electrophoresis Unit 10cm</li> <li>Model: MAX FILL</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: SCIE-PLAS</li> <li>Manufacturing country: England</li> </ul>

1	23. Horizantal Gel Electrophoresis Unit  • Model: VG-SYS20  • Manufacturing year: 2012  • Manufacturer: SCIE-PLAS  • Manufacturing country: England
2	<ul> <li>24. Double Distilled Water</li> <li>Model: L-4B</li> <li>Manufacturing year: 2014</li> <li>Manufacturer: Ivymen</li> <li>Manufacturing country: Spain</li> </ul>
1	<ul> <li>25. Hotplate and Stirre</li> <li>Model: Msh-20A</li> <li>Manufacturing year: 2011</li> <li>Manufacturer: Daihan</li> <li>Manufacturing country: Korea</li> </ul>
1	<ul> <li>26. Co2 Incubator 150L</li> <li>Model: VS-9160C</li> <li>Manufacturing year: 2014</li> <li>Manufacturer: Vision</li> <li>Manufacturing country: Korea</li> </ul>

	1	<ul> <li>27. DNA Sequaner Slib Gel</li> <li>Model: CSQ33(1A)</li> <li>Manufacturing year: 2013</li> <li>Manufacturer: Cleaver Scientific</li> <li>Manufacturing country: England</li> </ul>
	2	<ul> <li>28. Vertical Autoclave 80L</li> <li>Model: AV-80</li> <li>Manufacturing year: 2014</li> <li>Manufacturer: ECVV</li> <li>Manufacturing country: Chain</li> </ul>
	1	<ul> <li>29. Biological Incubator-340L</li> <li>Model: ILW 400</li> <li>Manufacturing year: 2014</li> <li>Manufacturer: Pol-EKol</li> <li>Manufacturing country: Poland</li> </ul>
Centurian Scientific  K3 Series	1	<ul> <li>30. Centrifuge 15000rpm</li> <li>Model: K2015</li> <li>Manufacturing year: 2012</li> <li>Manufacturer: Centurion Scientific</li> <li>Manufacturing country: England</li> </ul>