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Product Name :

Hydroponic Tray

Product Code :

SLE/EBT/10



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Description :

Hydroponic Tray (Product Code: SLE/EBT/10) is a watertight, all-plastic growing unit with itsown 54 watt fluorescent grow light, used to raise seedlings and grow plants without soil in schooland college botany labs. It offers 700 square inches of growing space, comes with 6 seed trays holding 12 seedlings each, and accepts up to 12 Root Tanks for a complete plant growth experiment kit. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Growing space	700 square inches
Grow light	54 watt fluorescent, high power, fitted on mounting arms
Seed trays	6 included, each holds 12 seedlings; removable seed tray
Root Tank capacity	Holds up to 12 Root Tanks (available separately)
Watertightness	Fully watertight for hydroponics farming
Construction	Robust, all plastic; easy to clean; impervious to rot and rust
Assembly	Assembles in minutes
Product code	SLE/EBT/10
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Hydroponic Tray Used For?

Hydroponics grows plants with their roots in a nutrient solution instead of soil, so students can watch root growth directly and change one factor at a time. A typical project begins with seeds sown in the seed trays under the grow light; once the seedlings are established they can be moved into Root Tanks, where groups compare growth in different nutrient mixtures, record height and leaf number, and relate the results to what plants normally take from the soil. Because the unit carries its own light, the work does not depend on a sunny window and can continue in any season.

The all-plastic body will not rot or rust under constant moisture and can simply be rinsed between crops. Keep the light's electrical parts dry, top up solutions carefully rather than overfilling, and give each student group its own seed tray so observations stay organised. For a school biology lab setup that needs a year-round growing station, the tray offers a controlled space that is quick to assemble and easy to supervise.

What to Specify When Ordering

- The number of Hydroponic Tray units required for your lab or classes
- [illegible]to
- [illegible].