Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Microslide The Root Of a Flowering Plant

Product Code :

SLE/PS/102



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Description :

Microslide The Root Of a Flowering Plant (Product Code: SLE/PS/102) is a Microslide set of related 35 mm images photographed through a microscope, used to teach root structure and root growth in plant biology lessons. Its named views follow a buttercup root from the central cylinder, epidermis and cortex down through the root cap and the zones of growth, elongation and maturation to the root hairs. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Format	Microslides are sets of 8 related 35 mm images photographed through a microscope
Root structure views	Buttercup Root; Central Cylinder; Epidermis and Cortex
Root growth views	Root Cap and Zone of Growth; Zone of Elongation; Zone of Maturation; Root Tip – Root hairs
Annotations	Arrows and callouts help students locate the features being studied
Text folder	Detailed folder to stimulate, inform and question students, with a pocket for storing the Microslides
Viewing device	Microslide Viewer
Product code	SLE/PS/102
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Microslide The Root Of a Flowering Plant Used For?

The set helps students connect what a root looks like inside with how it grows. The buttercup root views show the outer epidermis, the wide cortex and the central cylinder that carries water and food, which is the standard dicot root pattern examined in school syllabuses.

The growth sequence then moves along the tip: the root cap protecting the zone of growth, cells lengthening in the zone of elongation, and tissues specialising in the zone of maturation, where root hairs increase the surface for taking up water. Because the callouts point to each zone, pupils can label a root-tip diagram straight from the Microslide Viewer before trying a root section under the microscope. It is a simple piece of plant biology lab equipment for revision and for classes without a slide-preparation facility.

Supplier

Jain Scientific Equipments Private Limited, which does business as ScienceLab in Ambala, Haryana, supplies Microslide The Root Of a Flowering Plant to schools, colleges and education suppliers. We handle orders for India and international markets and can add viewers or glass slide sets to the same quotation. Company background is available on our profile page.

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