Email : sales@scilabexport.com
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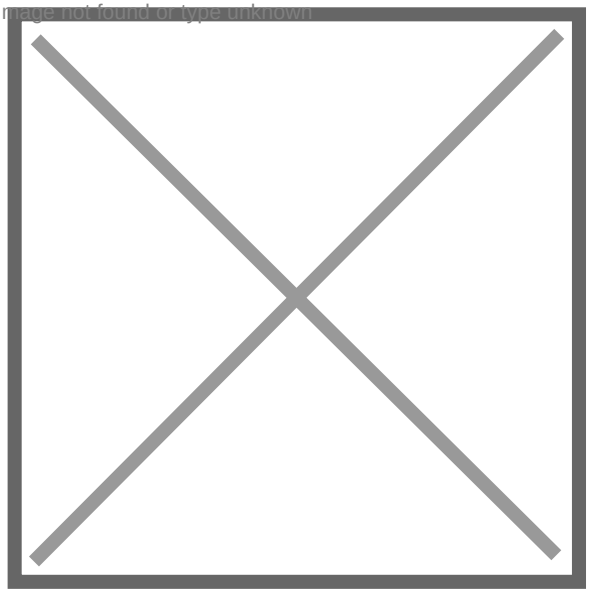
Product Name :

Ts Of Monocot Leaf

Product Code :

SCL477/0155

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Description :

Ts Of Monocot Leaf (Product Code: SCL477/0155) is a prepared slide of a monocotyledonous leaf cut in transverse section, used to show learners how a grass-type leaf differs from the broad leaf of a dicot. Teachers use it as one of their biology teaching aids for plant anatomy, and students practise identifying and drawing leaf tissues on its clear borosilicate glass. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, in a white rectangular plastic box.

Key Details

Parameter	Detail
Specimen	Monocot leaf
Cut	Transverse section (TS)
Slide	Clear borosilicate glass
Box material	Plastic
Box colour and shape	White, rectangular
Application	Laboratory
Product code	SCL477/0155
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Monocot Leaf Section Slide Used For?

Monocot leaves are isobilateral: both surfaces are similar and the mesophyll is not split into palisade and spongy layers. On this section students look for stomata on both epidermal surfaces, groups of large, thin-walled bulliform (motor) cells in the upper epidermis that help the leaf roll up when water is short, and a row of parallel vascular bundles, each surrounded by a bundle sheath.

The most effective lesson places this slide beside a dicot leaf section so learners can list the differences in a two-column table. Scan from one edge of the section to the other at low power to count the vascular bundles before switching to high power for the bulliform cells. When the practical ends, clean the glass with dry lens tissue and return it to its box.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, located in Ambala, Haryana, India. The company supplies laboratory teaching equipment to institutions in India and international markets; visit the company profile to learn more.

Related Biology Lab Equipment

Other items that fit a monocot anatomy practical:

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