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

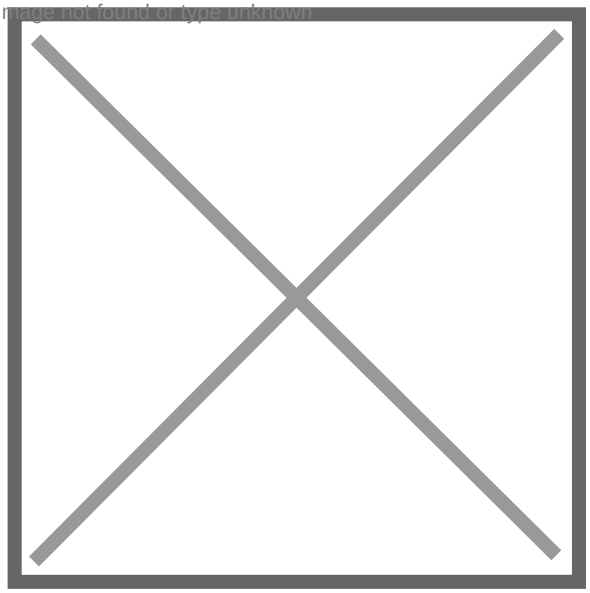
**Product Name :**

Ts Of Dicot Leaf

**Product Code :**

SCL476/0154

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## Description :

**Ts Of Dicot Leaf** (Product Code: SCL476/0154) is a ready-to-view slide showing a transverse section through the blade of a dicotyledonous leaf, used to teach how a leaf is built for photosynthesis and gas exchange. Biology teachers use it in anatomy and plant physiology lessons, and students rely on it for labelled drawings in their practical records; the slide is clear borosilicate glass stored in a white plastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, within its plant biology lab equipment range.

### Key Details

| Parameter | Detail |
|---|---|
| Specimen | Dicot leaf |
| Section plane | Transverse (TS) |
| Glass type | Borosilicate |
| Glass clarity | Clear |
| Box | White, rectangular, plastic |
| Setting | Laboratory use |
| Product code | SCL476/0154 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is the Dicot Leaf Section Slide Used For?

A dicot leaf is dorsiventral, and this section lets a class see why. Students move from the upper epidermis and its cuticle to the tightly packed, column-like palisade cells, then to the loosely arranged spongy mesophyll with its air spaces, and finally to the lower epidermis, where stomata are usually more frequent. The midrib bundle shows xylem towards the upper surface and phloem towards the lower surface, linking leaf structure with the movement of water and food.

A good exercise is to ask students which surface faced the light, judging by the two mesophyll layers. Use the fine-focus knob to scan through the palisade layer, keep the stage clips gentle on the glass, and store the slide flat in its box. Schools buying a microscope slides set for class practicals usually pair this one with the monocot leaf section.

### Supplier

Jain Scientific Equipments Private Limited supplies this slide and trades under the ScienceLab brand from Ambala, Haryana. Schools, colleges and distributors in India and international markets order biology teaching material from the company; our company profile gives the full background.

### Related Biology Lab Equipment

Usefu