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Product Name :

Plant Monocot Stem

Product Code :

SLE/EBT/08



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Description :

Plant Monocot Stem (Product Code: SLE/EBT/08) is a sectional botany model used to teach the cellular anatomy of a generalized monocot stem in school and college laboratories. Presented as a longitudinal cross section and measuring 420 x 300 x 115 mm, it lets students follow tissues along the stem as well as across it. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as one of its biology teaching aids.

Specifications

Parameter	Detail
Type	Sectional model of a monocot plant stem
Section shown	Longitudinal cross section
Depicts	Cellular anatomy of a generalized monocot
Size	420 x 300 x 115 mm
Product code	SLE/EBT/08
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Monocot Stem Model Used For?

Monocot stems, such as those of grasses and maize, are organised differently from dicot stems: their vascular bundles are generally scattered through the ground tissue instead of forming a single ring, and most do not show the secondary thickening seen in woody dicots. A model built around a generalized monocot lets teachers point out these shared features without tying the lesson to one species, and the longitudinal view helps students understand that the cells in a thin transverse slice actually run as long strands through the stem.

A common lesson plan is to display the model first, then have students cut or examine sections of a grass or maize stem and match what they see to the model. At 420 x 300 x 115 mm it is large enough for a lecture-room demonstration, making it a practical addition to the botany lab equipment of schools and colleges preparing students for plant anatomy practicals. Place it next to a dicot model on the same bench to set up a quick compare-and-contrast exercise.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, manufactures the Plant Monocot Stem as the OEM at its own licensed factory in Saha, Ambala, Haryana. Its botany and zoology models go straight from that factory to schools, colleges, distributors and importers in India and international markets, so repeat orders and matching models are arranged with the maker itself rather than through a reseller. More on the company profile.

Rela

Produ :