



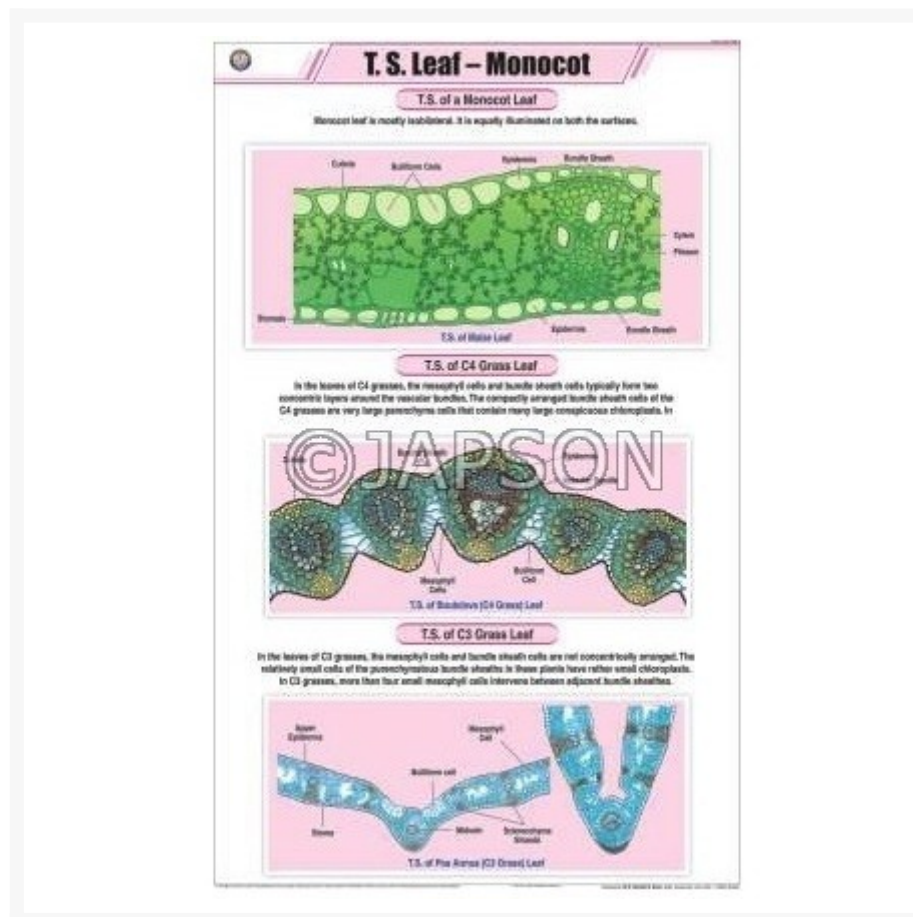
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# Leaf Charts, Botany, School Education

## Product Image



## Description

**Standard Size:** 58x90cms

**Language:** English

Laminated Paper Charts with Plastic Rollers. These Charts have technically accurate and

detailed description in vivid colours.

**Note:** Based on minimum order quantity conditions, Charts can be customized to your requirements in terms of CONTENT, LANGUAGE, SIZE, etc. Please write back to us for discussion.

A. Charts, Types Of Leaves



B. Charts, Leaf Modifications



C. Charts, T.S. Leaf-Monocot

D. Charts, T.S. Leaf-Dicot

### T. S. Leaf – Monocot

**T.S. of a Monocot Leaf**

Monocot leaf is mostly sessile. It is equally illuminated on both the surfaces.

**T.S. of C4 Grass Leaf**

In the leaves of C4 grasses, the mesophyll cells and bundle sheath cells typically have two concentric layers around the vascular bundles. The compactly arranged bundle sheath cells of the C4 grasses are very large parenchyma cells that contain many large, conspicuous chloroplasts.

**T.S. of C3 Grass Leaf**

In the leaves of C3 grasses, the mesophyll cells and bundle sheath cells are not concentrically arranged. The relatively small cells of the parenchymatous bundle sheath in these plants have rather small chloroplasts. In C3 grasses, more than four small mesophyll cells intervene between adjacent bundle sheaths.

### T. S. Leaf – Dicot

**T.S. of Dicot Leaf (Mango)**

Dicot leaf is dorsiventral. A dorsiventral leaf is more strongly illuminated on the upper surface than the lower surface. In the internal structure, there is a good deal of difference between the two sides.

**T.S. of Hydrophytic Dicot Plant Leaf**

Water lily, a magnolid, floats on the surface of water and has stomata in the upper epidermis only. Vascular tissue is much reduced, especially the xylem. The palisade parenchyma consists of several layers of cells above the spongy parenchyma. The large intercellular spaces add buoyancy to this floating leaf.

**T.S. of Xerophytic Dicot Plant Leaf**

Neelam eleander, a xerophyte, have very thick cuticle, covering the multiple epidermis on the upper and lower surface of the leaf. The stomata and lenticles are restricted to invaginated portions of the lower epidermis, called stomatal crypts.

## Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.