

INDUS

Leaf Area Analysis Software

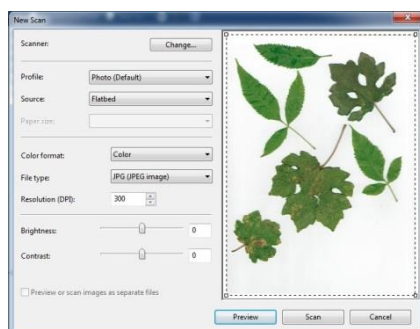


INDUS is image analysis software keeping in mind the various studies related to leaf. It can be used to identify and distinguish various aspects of leaf area calculations.

It is simple and easy leaf area analysis software for multidiscipline of plant sciences viz. Agronomy, Plant Physiology, Agricultural Entomology, Plant Pathology, Forestry and any discipline related to leaf growth and development.

It works on destructive sampling method of leaf area analysis. It determines the total as well as healthy, diseased, and/or insect damaged area of the leaf. The inbuilt zoom feature helps in precise identification of region of interest of the leaf. It provides the choice to select area of either a single or multiple leaves scanned on the scan-bed, if more than one leaf is scanned at a time on a single scan-bed image.

The easy setup helps in analysis without occupying additional office space or power requirements.



Features:

- Compatible with any available hardware i.e. Desktop/Laptop along with Scanner/Multi-Function Printer eliminating specific hardware compulsions/restrictions.
- Results are displayed in mm^2 and percentage for the diseased and/or the infested portions.
- Analysis of various leaf sizes with same precision and accuracy.
- Freedom of place on the scan-bed for similar accuracy.
- Zoom feature assists in easy identification of regions of interest.
- Sliding threshold scale for optimum masking of leaf/leaves.
- Variable masking assistance for precise isolation of region of interest.
- Choice of leaf/leaves calculation(s) with multiple leaves in a scanned image.
- Offers assistance for recreating the damaged portions of leaf.
- Save calculated results on the computer in text format for further statistical analysis.



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