INDUS-sw

Leaf Area Analysis Software

INDUS

Integrated Numerical Derivation for Ubiquitous Samples

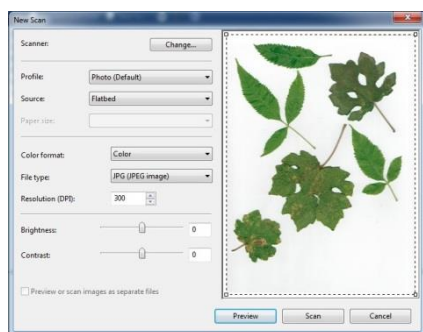*Srijan Services*

Creating solutions for you

INDUS-sw 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 best 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 scanned image(s) for future use.
- Save calculated results on the computer in text format for further statistical analysis.

Comparison between INDUS and current available Leaf Area Analysis Systems

Particulars	INDUS	Others
Portability (Ease of entire setup carry to field)	Yes	No
Results in	mm^2	cm^2
Zoom facility	Yes	No
Colour selection	Yes	-
Reconstruction of destroyed/damaged area	Yes	No
Compatibility with any MS Windows based computer and Scanner	Yes	No
External/ Additional hardware lock	No	Yes
Selection of specific leaf on scan-bed	Yes	-
Variability dependent on placement of leaf	Minimum	Considerable
Ease of Access	Yes	-
Breakdown turnaround period	Nil or Minimum	Dependent on vendor and supplies
Cost	Low	High

Terms & Conditions:

- Payment : Payment against delivery
- Delivery: Within a week from the date of receipt of technically and commercially completed order.
- The cost does not include any additional training and Cost of training would be charged as per session basis @ ₹ 1000.00 per batch of 2 persons.
- The warranty involves only support limited to the aforementioned software and any other underlying reasons for computer performance or functionality or any support would be charged separately.
- The software is meant to be used on the intended computer configuration at the time of installation only and any changes to the configuration would void the warranty, if undocumented.
- The standard warranty on the software is for 1 year from the date of supply.
- Srijan Services hold all rights to revoke warranty for misuse of the software or services.
- Volume licensing and individual licensing discount, if any, would be applicable on case basis and cannot be compared to any other sale.
- Discount provided, if any, is the discretion of Srijan Services.
- Installation Charges would be extra @ ₹ 500.00 per machine after first free installation.
- Additional supporting devices if requested would be provided by Srijan Services at the prevailing market price.
- Srijan Services holds no responsibility on terms and conditions for warranty as well as the change of prices for additional supporting devices.
- Price: On request.

Contact:

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A complete solution for infested, damaged and total leaf areas

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