



SPAD (Soil Plant Analysis Development) Meter

Utility

SPAD Meter is a compact, hand held, portable and low cost instrument [paper stapler size], which measures chlorophyll content of the plant leaves [up to one mm thickness]. It assess nitrogen requirement of the crop and makes recommendation for doses of nitrogen application. It is operated through android smart phone and provides instant display of data. The accuracy of the instrument is ± 1.5 SPAD units.



Specifications & Performance results

Power source	:	Electrical Battery
Cost of equipment, Rs.	:	2,200

Benefits over conventional/traditional practices

- Compact in size, can easily assess nitrogen requirement of the crop.
- Much cheaper compared to imported SPAD meter.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

Contact:

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