

SOIL ORGANIC CARBON DETECTION KIT



Advantages

- User friendly
- Quick and reliable results
- Gives idea of amount of organic manure additions to soil
- Economical

Organic carbon is an indicator element of soil fertility. Positive correlation between carbon content and crop yield has been observed all over world within different types of soil. Soil organic carbon detection kit analyses carbon content of soil in the field and help the farmer to decide the fertilizer doses quickly.

The technology has been transferred to parties and also included in technology pack as a part of Akruti programme for rural India.

Dos & Don'ts for taking soil samples

- Soil sample should represent whole field and should be taken from 20-30 cm deep. It should be taken before ploughing and irrigation.
- Do not store samples in fertilizer bags and do not take samples from Field bands, boundaries, Fertilizer/Compost pits, Roadsides and Cattle resting sites.

Opportunities for rural entrepreneurs

- ✓ Start making small scale soil testing lab.
- ✓ There is demand of organic agriculture and this kit is very useful for its judgments.
- ✓ Mobile soil testing facility can be started.

Kit is available in market with Parties who are Licensees of BARC

❖ For technology transfer details, please contact headttcd@barc.gov.in;



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