

SOIL ORGANIC CARBON DETECTION KIT: INSTANT ANALYSING SOIL FERTILITY

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. A simple technology for instant analysis of fertility of soil has been developed at BARC.

As this is quick method and all the farmers can perform it on the field, then farmer doesn't have to rely on other agencies for the results. Organic carbon detection kit has become an important tool in organic agriculture which is going to be agriculture of coming years. Farmers have become more aware about ill effects of chemical day by day and consumers are also demanding organic foods. This kit is an excellent tool to test the organic nature of soil.

Features of the technology:

1. User friendly.
2. Quick and reliable (comparative to standard methods) results.
3. Evaluation of impact of organic carbon amendments supplemented periodically.
4. Gives idea of amount of organic manure additions.
5. Highly economical.



The technology has been transferred to many industries and also been selected by CIFAL, a UN based NGO in Sweden, for imparting training to farmers from African countries. Also this technology has been used extensively for soil testing activity of all the villages from Maharashtra by Panni Foundation, NGO by Amir Khan.

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