

Irbi Core Sampler and analysis auxiliaries

The sugar cane's sampling and analysis upon arrival at the sugar mill is much more than a payment instrument in relation to its quality, but rather a feedback tool for the characteristics of the environment: humidity, soil composition, fertilization, variety, location and other factors that intervene in the quality and productivity of the sampled crop.

At present, the knowledge and management of the relationships between the crop's quality and its characteristics are massive in global terms and undoubtedly of the highest economic value for any sugar mill.

In many comparisons, the oblique probe has proven to be more representative in individual samplings and due to its automatic nature, of greater capacity of processing a larger number of samples; thus, giving greater collective representativeness to the variables related to the crop fields.

The probe is offered in a convenient package with all the necessary equipment for the laboratory analysis. The return on investment is a very fast one.

Below you'll find some of the benefits of the IRBI Oblique Sampler:

Equipment	Response	Return	Costs	Observations
Sampler probe and preparation and analysis equipment	Crop and fertilization improvement measures	Very high. Measured in millions of \$ each harvest	They vary but are paid in less than one harvest	It is the least expensive of the oblique probes

Advantages:

- The sample is collected on a cart that transports it to the laboratory, thus eliminating the heavy pivot of the entire perforator mechanism to deliver the sample.
- Does not limit the horizontal distance between the equipment and the sample download to the laboratory.
- High speed in sampling due to its automatic operation.
- Versatility for parallel installations of more than one equipment.
- Low maintenance, operation and initial costs, making its implementation very attractive.

In the picture you'll be able to see the standard layout of the probe equipment with the laboratory building at its side.



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