

## Vidéo

# Applying C-13 techniques in exploring the carbon sequestration potential of limed acid soils from Trinidad.

[GOUVEIA, GRÉGORY](#) Le Gosier 2016

## Résumé

Carbon dioxide (CO<sub>2</sub>) represents the largest proportion (74%) of total greenhouse gas (GHG) emissions globally, with agricultural activities accounting for about 25% of this gas. Opportunities to reduce emissions in the sector can therefore contribute significantly to the mitigation of global climate change. Ag-lime is widely used to mitigate soil acidity problems and the potential for this material to contribute to C sequestration in soils is of increasing interest to researchers. A laboratory experiment using C-13 isotopic labelling techniques was therefore established. The results established for the study showed significant differences ( $P < 0.05$ ) between the PMA estimates of the two techniques with the non-isotopic techniques giving higher estimates.

## Informations

<b>Extrait:</b>	<a href="#">52E CONGRÈS ANNUEL DE LA SOCIÉTÉ CARIBÉENNE DES PLANTES ALIMENTAIRES / 52ND ANNUAL MEETING OF THE CARIBBEAN FOOD CROPS SOCIETY (CFCS), DU 10 AU 16 JUILLET 2016</a>
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## Mots clés

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