Vidéo

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

GOUVEIA, GRÉGORY Le Gosier 2016

Résumé

Carbon dioxide (CO2) 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

Extrait: 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

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