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Greenhouse Gas Estimation from American Farms

America's farm, ranch and forest managers are stewards of the land, and have long recognized the significance of managing soil health, plant productivity and animal nutrition. Conservation practices and other management changes can reduce greenhouse gas (GHG) emissions and increase carbon storage while improving soil health, crop or livestock productivity, and resilience to drought and other extreme weather. This report lays out methods for estimating changes in GHG emissions and carbon storage at a local scale. The methods in the report will be used to develop user-friendly tools for farmers, ranchers, forest landowners and other USDA stakeholders to help them evaluate the GHG benefits of a wide variety of management practices. Therefore the publication is also a main document for sustainable biofuels.

Source: United States Department of Agriculture
http://www.usda.gov/oce/climate_change/estimation.htm