USDA, Office of the Chief Economist



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Global Climate Change

Greenhouse Gas Inventory

In 2001, agricultural sources accounted for close to 7% of United States greenhouse gas emissions. The U.S. Agriculture and Forestry Greenhouse Gas Inventory: 1990-2001 was developed to provide a comprehensive assessment of the contribution of U.S. agriculture ands forestry to greenhouse gas emissions. It provides an indepth look at greenhouse gas emissions and carbon sequestration at the state and regional scales.

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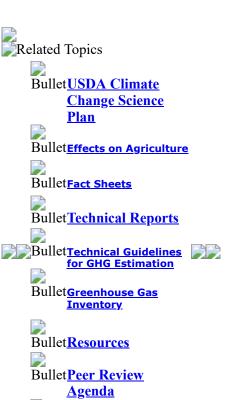
Global Change Program Office, Office of the Chief Economist, U.S. Department of Agriculture. Technical Bulletin No. 1907. 163 pp. March 2004.

The U.S. Agriculture and Forestry Greenhouse Gas Inventory: 1990-2001 (USDA GHG Inventory) is a comprehensive assessment of greenhouse gas emissions and sinks in U.S. agriculture and forests. The USDA GHG Inventory provides extensive, in-depth emissions and sinks estimates for livestock, cropland, and forests, as well as energy consumption in livestock and cropland agriculture. Estimates are provided at State, regional, and national scales, categorized by land ownership and management practices where possible. Information in the report can be used to identify opportunities to reduce emissions and enhance sinks through agriculture an forest management.

The report was prepared collaboratively with contributions from the United States Department of Agriculture (Forest Service, Natural Resources Conservation Service, Agricultural Research Service, Office of Energy Policy and New Uses, and the Global Change Program Office), the Environmental Protection Agency (EPA), and researchers at Colorado State University. The estimates in the USDA GHG Inventory are consistent with those published by the EPA in the official Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2001 and submitted to the United Nations Framework Convention on Climate Change in April 2003.

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U.S. Agriculture and Forestry Greenhouse Gas **Inventory: 1990-2001b**B)



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