

**Table 34. Net Carbon Dioxide Sequestration in U.S. Agricultural Soils, 1990 and 1996-2002**  
 (Million Metric Tons Carbon Dioxide Equivalent)

Description	1990	1996	1997	1998	1999	2000	2001	2002
Mineral Soils .....	70.3 <sup>a</sup>	62.7 <sup>a</sup>	62.8 <sup>a</sup>	61.2 <sup>b</sup>	61.1 <sup>b</sup>	62.5 <sup>b</sup>	64.4 <sup>b</sup>	64.7 <sup>b</sup>
Organic Soils .....	-34.3 <sup>a</sup>	-34.7 <sup>a</sup>	-34.7 <sup>a</sup>	-34.7 <sup>b</sup>				
Liming of Soils .....	-9.5 <sup>a</sup>	-8.9 <sup>a</sup>	-8.7 <sup>a</sup>	-9.6 <sup>a</sup>	-9.1 <sup>a</sup>	-8.8 <sup>a</sup>	-9.0 <sup>a</sup>	-8.8 <sup>b</sup>
<b>Total</b> .....	<b>26.5<sup>a</sup></b>	<b>19.0<sup>a</sup></b>	<b>19.3<sup>a</sup></b>	<b>16.9<sup>b</sup></b>	<b>17.3<sup>b</sup></b>	<b>19.0<sup>b</sup></b>	<b>20.7<sup>b</sup></b>	<b>21.2<sup>b</sup></b>

<sup>a</sup>Estimates based on historical data.

<sup>b</sup>Estimates based on a combination of historical data and projections.

Source: U.S. Environmental Protection Agency, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2002*, EPA-430-R-04-003 (Washington, DC, April 2004), web site <http://yosemite.epa.gov/oar/globalwarming.nsf/content/ResourceCenterPublicationsGHGEmissionsUSEmissionsInventory2004.html>.