### Table 12. Irrigation, Artificial Drainage, and Artificial Ponds: 1974 and 1969

<table>
<thead>
<tr>
<th>Farms With Sales of $2,500 and Over</th>
<th>1974</th>
<th>1969</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farms irrigated in census year</td>
<td>1,991</td>
<td>3,409</td>
</tr>
<tr>
<td>Proportion of farms irrigated</td>
<td>5.6</td>
<td>9.0</td>
</tr>
<tr>
<td>Total land irrigated</td>
<td>111,500</td>
<td>77,927</td>
</tr>
<tr>
<td>Acres</td>
<td>56.0</td>
<td>72.8</td>
</tr>
<tr>
<td>Average per farm</td>
<td>1,802</td>
<td>1,883</td>
</tr>
<tr>
<td>Irrigated forms by acres irrigated:</td>
<td>3,816</td>
<td>8,995</td>
</tr>
<tr>
<td>1 to 9 acres</td>
<td>709</td>
<td>1,236</td>
</tr>
<tr>
<td>10 to 49 acres</td>
<td>14,200</td>
<td>23,975</td>
</tr>
<tr>
<td>50 to 99 acres</td>
<td>167</td>
<td>199</td>
</tr>
<tr>
<td>100 to 199 acres</td>
<td>11,573</td>
<td>13,212</td>
</tr>
<tr>
<td>200 to 499 acres</td>
<td>21,292</td>
<td>11,133</td>
</tr>
<tr>
<td>500 to 999 acres</td>
<td>125</td>
<td>42</td>
</tr>
<tr>
<td>1,000 acres and over</td>
<td>37,133</td>
<td>11,454</td>
</tr>
<tr>
<td>Cropland irrigated</td>
<td>4,102</td>
<td>(D)</td>
</tr>
<tr>
<td>Harvested cropland irrigated</td>
<td>31</td>
<td>1</td>
</tr>
<tr>
<td>Cropland pasture irrigated</td>
<td>4,382</td>
<td>(D)</td>
</tr>
<tr>
<td>Other cropland irrigated</td>
<td>1,984</td>
<td>3,403</td>
</tr>
<tr>
<td>Improved pasture and rangeland irrigated</td>
<td>110,642</td>
<td>77,535</td>
</tr>
<tr>
<td>Farms not irrigated in 1974 but irrigated between 1970 and 1973</td>
<td>996</td>
<td>(X)</td>
</tr>
<tr>
<td>Farms with artificial drainage</td>
<td>1,936</td>
<td>2,760</td>
</tr>
<tr>
<td>Proportion of forms irrigated</td>
<td>5.4</td>
<td>7.3</td>
</tr>
<tr>
<td>Land in forms with drainage</td>
<td>1,172</td>
<td>532</td>
</tr>
<tr>
<td>Land drained by systems installed in census year</td>
<td>131,695</td>
<td>193,486</td>
</tr>
<tr>
<td>Average per farm</td>
<td>48.1</td>
<td>70.4</td>
</tr>
<tr>
<td>Farms irrigated in 1974</td>
<td>998</td>
<td>(X)</td>
</tr>
<tr>
<td>Farms with artificial ponds, pits, reservoirs, and earth tanks</td>
<td>11,301</td>
<td>(X)</td>
</tr>
</tbody>
</table>

### Table 13. Agricultural Chemicals Used: 1974 and 1969

<table>
<thead>
<tr>
<th>Farms With Sales of $2,500 and Over</th>
<th>1974</th>
<th>1969</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total chemical costs, including fertilizer and lime</td>
<td>$1,000...</td>
<td>$1,000...</td>
</tr>
<tr>
<td>Commercial fertilizer</td>
<td>28,851</td>
<td>21,991</td>
</tr>
<tr>
<td>on acres used</td>
<td>233,287</td>
<td>110,721</td>
</tr>
<tr>
<td>Dry fertilizer</td>
<td>26,991</td>
<td>29,280</td>
</tr>
<tr>
<td>on acres used</td>
<td>434,260</td>
<td>3,664,559</td>
</tr>
<tr>
<td>Forms by tons used:</td>
<td>175,127</td>
<td>81,931</td>
</tr>
<tr>
<td>1 to 9 tons</td>
<td>456,108</td>
<td>951,142</td>
</tr>
<tr>
<td>10 to 49 tons</td>
<td>1,962</td>
<td>3,441</td>
</tr>
<tr>
<td>50 to 99 tons</td>
<td>107,479</td>
<td>75,591</td>
</tr>
<tr>
<td>100 to 199 tons</td>
<td>48</td>
<td>88</td>
</tr>
<tr>
<td>200 to 499 tons</td>
<td>1,824</td>
<td>1,372</td>
</tr>
<tr>
<td>500 to 999 tons</td>
<td>1,359</td>
<td>572</td>
</tr>
<tr>
<td>1,000 tons and over</td>
<td>20</td>
<td>19</td>
</tr>
<tr>
<td>Liquid fertilizer</td>
<td>630</td>
<td>392</td>
</tr>
<tr>
<td>on tons</td>
<td>243,833</td>
<td>104,090</td>
</tr>
<tr>
<td>Forms by tons used:</td>
<td>12,910</td>
<td>13,737</td>
</tr>
<tr>
<td>1 to 9 tons</td>
<td>243,833</td>
<td>104,090</td>
</tr>
<tr>
<td>10 to 49 tons</td>
<td>7,404</td>
<td>8,833</td>
</tr>
<tr>
<td>50 to 99 tons</td>
<td>4,419</td>
<td>4,416</td>
</tr>
<tr>
<td>100 to 199 tons</td>
<td>719</td>
<td>502</td>
</tr>
<tr>
<td>200 to 499 tons</td>
<td>260</td>
<td>204</td>
</tr>
<tr>
<td>500 to 999 tons</td>
<td>97</td>
<td>48</td>
</tr>
<tr>
<td>1,000 tons and over</td>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>Lime</td>
<td>6,828</td>
<td>11,619</td>
</tr>
<tr>
<td>on acres used</td>
<td>627,678</td>
<td>667,907</td>
</tr>
<tr>
<td>on tons</td>
<td>638,216</td>
<td>455,810</td>
</tr>
<tr>
<td>1,000 tons and over</td>
<td>7,987</td>
<td>5,145</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Farms With Sales of $2,500 and Over</th>
<th>1974</th>
<th>1969</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total chemical costs, including fertilizer and lime</td>
<td>$1,000...</td>
<td>$1,000...</td>
</tr>
<tr>
<td>Sprays, dusts, granules, fumigants, etc. to control insects, nematodes, diseases, and weeds</td>
<td>$2,500...</td>
<td>$2,500...</td>
</tr>
<tr>
<td>Insecticides on hay crops</td>
<td>283</td>
<td>350</td>
</tr>
<tr>
<td>on acres used</td>
<td>9,697</td>
<td>8,335</td>
</tr>
<tr>
<td>Insecticides on other crops</td>
<td>9,236</td>
<td>476</td>
</tr>
<tr>
<td>on acres used</td>
<td>1,149</td>
<td>1,149</td>
</tr>
<tr>
<td>Nematocides in crops</td>
<td>279</td>
<td>279</td>
</tr>
<tr>
<td>on acres used</td>
<td>3,179</td>
<td>3,179</td>
</tr>
<tr>
<td>Diseases in crops and orchards on acres used</td>
<td>1,551</td>
<td>1,551</td>
</tr>
<tr>
<td>on acres used</td>
<td>144,135</td>
<td>101,533</td>
</tr>
<tr>
<td>Weeds or grass in crops</td>
<td>281</td>
<td>493</td>
</tr>
<tr>
<td>on acres used</td>
<td>8,177</td>
<td>8,833</td>
</tr>
<tr>
<td>Weeds or brush in pasture</td>
<td>717</td>
<td>1,046</td>
</tr>
<tr>
<td>on acres used</td>
<td>45,248</td>
<td>45,071</td>
</tr>
<tr>
<td>Weeds on other land</td>
<td>181</td>
<td>181</td>
</tr>
<tr>
<td>on acres used</td>
<td>597</td>
<td>597</td>
</tr>
<tr>
<td>Chemicals for defoliation or for growth control of crops or thinning of fruit</td>
<td>8,627</td>
<td>4,391</td>
</tr>
<tr>
<td>on acres used</td>
<td>53</td>
<td>53</td>
</tr>
</tbody>
</table>

1974 Census of Agriculture – State Data