CLOROX CO /DE/

FORM 5
(Annual Statement of Changes in Beneficial Ownership)

Filed 8/15/2005 For Period Ending 6/30/2005

Address THE CLOROX COMPANY 1221 BROADWAY
OAKLAND, California 94612-1888
Telephone 510-271-7000
CIK 0000021076
Industry Personal & Household Prods.
Sector Consumer/Non-Cyclical
Fiscal Year 06/30
Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public
Utility Holding Company Act of 1935 or Section 30(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person *
MURLEY JAN L
1221 BROADWAY
OAKLAND, CA 946121888

2. Issuer Name and Ticker or Trading Symbol
CLOROX CO /DE/ [CLX]

3. Statement for Issuer's Fiscal Year Ended
(MM/DD/YYYY)
6/30/2005

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
__ X __ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Code (Instr. 8)</th>
<th>Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>11/15/2004</td>
<td>J (2)</td>
<td>2.17</td>
<td>2.17</td>
<td>$56.18</td>
<td>454.67</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/31/2004</td>
<td>A (4)</td>
<td>632</td>
<td>632.00</td>
<td>$55.38</td>
<td>1086.67</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>2/15/2005</td>
<td>J (2)</td>
<td>5.01</td>
<td>5.01</td>
<td>$60.77</td>
<td>1091.68</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/13/2005</td>
<td>J (2)</td>
<td>5.32</td>
<td>5.32</td>
<td>$57.46</td>
<td>1097.00</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>8/13/2004</td>
<td>J (2)</td>
<td>2.36</td>
<td>2.36</td>
<td>$51.42</td>
<td>452.50</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Explanation of Responses:
(1) $0.00 Conversion Price
(2) Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Stock-Based Compensation Plan.
(3) The Deferred Stock Units accrued pursuant to the Independent Directors' Stock-Based Compensation Plan will be settled 100% in Clorox stock upon the reporting person's retirement or other termination of service as a Director.
(4) Annual $10,000 award of Deferred Stock Units pursuant to the Independent Directors' Compensation Plan.

<table>
<thead>
<tr>
<th>Reporting Owners</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reporting Owner Name / Address</td>
<td>Director</td>
</tr>
<tr>
<td>MURLEY JAN L</td>
<td>X</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 946121888</td>
<td></td>
</tr>
</tbody>
</table>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.
* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.
Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Signatures
By: By Laura Stein, Attorney-in-Fact for 8/15/2005

** Signature of Reporting Person

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