CLOROX CO /DE/

FORM 5
(Annual Statement of Changes in Beneficial Ownership)

Filed 8/16/2004 For Period Ending 6/30/2004

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
FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *

MICHAEL GARY G

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)

6/30/2004

4. If Amendment, Date Original Filed (MM/DD/YYYY)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify
below)

6. Individual or Joint/Group Filing (Check Applicable Line)

_ X Form Filed by One Reporting Person
___ Form Filed by More than One Reporting Person

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Executed Date, if any</th>
<th>Trans. Code (Instr. 8)</th>
<th>Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>Amount or Price</th>
<th>Securities Beneficially Owned Following Reported Transaction(s)</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>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Direct (D)</td>
<td></td>
</tr>
</tbody>
</table>

3341.00 D

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

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Trans. Date</th>
<th>Executed Date, if any</th>
<th>Trans. Code (Instr. 8)</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</th>
<th>Date Exercisable</th>
<th>Expiration Date (MM/DD/YYYY)</th>
<th>Title</th>
<th>Amount or Number of Shares Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security</th>
<th>Ownership Form of Derivative Security: 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>8/15/2003</td>
<td>J (1)</td>
<td></td>
<td>1.48</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>1.48</td>
<td>$42.67</td>
<td>235.03 D</td>
<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>11/14/2003</td>
<td>J (1)</td>
<td></td>
<td>1.34</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>1.34</td>
<td>$47.22</td>
<td>236.37 D</td>
<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/31/2003</td>
<td>A (3)</td>
<td></td>
<td>208.9</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>208.9</td>
<td>$47.87</td>
<td>445.27 D</td>
<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>2/13/2004</td>
<td>J (1)</td>
<td></td>
<td>2.49</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>2.49</td>
<td>$48.37</td>
<td>447.76 D</td>
<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/14/2004</td>
<td>J (1)</td>
<td></td>
<td>2.38</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>2.38</td>
<td>$50.70</td>
<td>450.14 D</td>
<td></td>
</tr>
<tr>
<td>Director Stock Option (Right to Buy) - 03AT</td>
<td>$42.65</td>
<td>7/1/2005 (4)</td>
<td>7/1/2013</td>
<td>Common Stock</td>
<td>3000.00</td>
<td>3000.00</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Stock-Based Compensation Plan.
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.

Annual $10,000 award of Deferred Stock Units pursuant to the Independent Directors' Compensation Plan.

Option exercisable in 3 equal installments - 1/3 on each of the first, second and third anniversaries of the grant date.

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICHAEL GARY G</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.

End of Filing