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 *
JOHNSTON GERALD E
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
6/30/2004

5. Relationship of Reporting Person(s) to Issuer
(checked all applicable)
___ Director
X Officer (give title below)
__ 10% Owner
__ Other (specify below)
President & CEO

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>2. Trans. Date</th>
<th>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>6/30/2004</td>
<td>J (1)(2)</td>
<td>1736</td>
<td>A</td>
<td>$0</td>
<td>115466.443</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td>6/30/2004</td>
<td>J (1)</td>
<td>166</td>
<td>A</td>
<td>$0</td>
<td>14985.486</td>
<td>I</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20.000</td>
<td>I</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (MM/DD/YY)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of Derivative Securities Beneficially Owned at End of Issuer's Fiscal Year (Instr. 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>(D)</td>
<td>Date Exercisable</td>
<td>Expiration Date</td>
<td>Title Amount or Number of Shares</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Shares acquired during the fiscal year ended 6/30/04 pursuant to the Company’s Employee Retirement Investment Plan/401(K), Dividend Reinvestment Plan, and/or Employee Stock Purchase Plan.

(2) Restricted stock units dividends acquired during FY04.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOHNSTON GERALD E</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>10% Owner</td>
</tr>
<tr>
<td></td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td>President &amp; CEO</td>
<td></td>
</tr>
</tbody>
</table>
Signatures

By: Patrick M. Meehan, Assoc. General Counsel for 6/30/2004

** Signature of Reporting Person

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.