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 *
MATSCHULLAT ROBERT W
1221 BROADWAY
OAKLAND, CA 946121888

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

3. Date of Earliest Transaction (MM/DD/YYYY)
6/29/2007

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer
(Provide 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>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>6/29/2007</td>
<td>A</td>
<td>302</td>
<td>40734.32</td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) 1-for-1
(2) Receipt of Deferred Stock Units in lieu of receipt of quarterly director's fees.
(3) The Deferred Stock Units will be settled 100% in Clorox stock upon the reporting person's retirement or other termination of service as a Director.

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

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Derivative Securities Underlying Derivative Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>6/29/2007</td>
<td>A</td>
<td>302</td>
<td>302.00 Common Stock</td>
</tr>
</tbody>
</table>

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATSCHULLAT ROBERT W</td>
<td>X</td>
</tr>
</tbody>
</table>

Signatures
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.