FORM 4

[ ] Check this box if no longer subject to Section 16.
Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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 *
   
   TCKNOR CAROLYN M
   
   (Last) (First) (Middle)

   1221 BROADWAY
   
   (Street)

   OAKLAND, CA 94612-1888
   
   (City) (State) (Zip)

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   
   12/30/2011

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

5. Relationship of Reporting Person(s) to Issuer
   (Check all applicable)
   
   (X) 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>1. 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) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>2/14/2011</td>
<td>(1) A (2) 130.6200</td>
<td>(3)</td>
<td>Common Stock 130.6200</td>
<td>$ 0</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/13/2011</td>
<td>(1) A (2) 124.1000</td>
<td>(3)</td>
<td>Common Stock 124.1000</td>
<td>$ 0</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>8/12/2011</td>
<td>(1) A (2) 143.0700</td>
<td>(3)</td>
<td>Common Stock 143.0700</td>
<td>$ 0</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>11/14/2011</td>
<td>(1) A (2) 148.2100</td>
<td>(3)</td>
<td>Common Stock 148.2100</td>
<td>$ 0</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/30/2011</td>
<td>(1) A (4) 1830.6100</td>
<td>(3)</td>
<td>Common Stock 1830.6100</td>
<td>$ 0</td>
<td>D</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td>(1) 2/14/2011</td>
<td></td>
<td></td>
<td>A (2)</td>
<td>130.6200</td>
<td>(3)</td>
<td>Common Stock 130.6200</td>
<td>$ 0</td>
<td>16006.5865</td>
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</tr>
<tr>
<td>Deferred Stock Units</td>
<td>(1) 5/13/2011</td>
<td></td>
<td></td>
<td>A (2)</td>
<td>124.1000</td>
<td>(3)</td>
<td>Common Stock 124.1000</td>
<td>$ 0</td>
<td>16130.6865</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>(1) 8/12/2011</td>
<td></td>
<td></td>
<td>A (2)</td>
<td>143.0700</td>
<td>(3)</td>
<td>Common Stock 143.0700</td>
<td>$ 0</td>
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<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>(1) 11/14/2011</td>
<td></td>
<td></td>
<td>A (2)</td>
<td>148.2100</td>
<td>(3)</td>
<td>Common Stock 148.2100</td>
<td>$ 0</td>
<td>16421.9665</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>(1) 12/30/2011</td>
<td></td>
<td></td>
<td>A (4)</td>
<td>1830.6100</td>
<td>(3)</td>
<td>Common Stock 1830.6100</td>
<td>$ 0</td>
<td>18252.5692</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) 1-for-1
(2) Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors' Deferred Compensation Plan.
(3) The Deferred Stock Units will be settled 100% in Clorox stock in connection with the reporting person's retirement or other termination of service as a Director.
(4) Annual award of Deferred Stock Units pursuant to the 2005 Stock Incentive Plan.
### Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>TICKNOR CAROLYN M</td>
<td>X</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td></td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td></td>
</tr>
</tbody>
</table>

** Signatures by Angela Hilt, Attorney-in-Fact for 1/4/2012

** Signature of Reporting Person Date

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.