Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
   Fleischer Spencer C
   1221 BROADWAY
   OAKLAND, CA 94612-1888

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

3. Date of Earliest Transaction (MM/DD/YYYY)
   3/31/2016

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>Trans. Code</th>
<th>Trans. Date, if any</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>2/12/2016</td>
<td>A</td>
<td>5.5708</td>
<td>Common Stock</td>
<td>0.0000</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>3/31/2016</td>
<td>A</td>
<td>198.3183</td>
<td>Common Stock</td>
<td>0.0000</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Date, if any</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount or Number of Shares Underlying Derivative Security</th>
<th>Amount or Number of Derivative Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td></td>
<td>2/12/2016</td>
<td>A</td>
<td>5.5708</td>
<td>Common Stock</td>
<td>5.5708</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td></td>
<td>3/31/2016</td>
<td>A</td>
<td>198.3183</td>
<td>Common Stock</td>
<td>198.3183</td>
</tr>
</tbody>
</table>

6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)
   ____ X ___ Form filed by One Reporting Person
   ___ Form filed by More than One Reporting Person

7. Nature of Indirect Beneficial Ownership (Instr. 4)
   V

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) Receipt of Deferred Stock Units in lieu of receipt of quarterly director's fees.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleischer Spencer C</td>
<td>Director</td>
</tr>
<tr>
<td>1221 BROADWAY</td>
<td>10% Owner</td>
</tr>
<tr>
<td>OAKLAND, CA 94612-1888</td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signatures


** 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.