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 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person

Carmona Richard H
1221 BROADWAY
OAKLAND, CA 94612-1888

2. Issuer Name and Ticker or Trading Symbol

CLOROX CO /DE/ [ CLX ]

3. Date of Earliest Transaction

12/30/2016

5. Relationship of Reporting Person(s) to Issuer

X Director

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date (if any)</th>
<th>Trans. Code (Instr. 8)</th>
<th>Securites Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</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>Deferred Stock Units</td>
<td>2/12/2016</td>
<td>A</td>
<td>V</td>
<td>94.3756</td>
<td>(D)</td>
<td>(D)</td>
<td>Common Stock</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/6/2016</td>
<td>A</td>
<td>V</td>
<td>92.8203</td>
<td>(D)</td>
<td>(D)</td>
<td>Common Stock</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>7/12/2016</td>
<td>A</td>
<td>V</td>
<td>94.8537</td>
<td>(D)</td>
<td>(D)</td>
<td>Common Stock</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>11/14/2016</td>
<td>A</td>
<td>V</td>
<td>112.5266</td>
<td>(D)</td>
<td>(D)</td>
<td>Common Stock</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/30/2016</td>
<td>A</td>
<td>V</td>
<td>1136.5522</td>
<td>(D)</td>
<td>(D)</td>
<td>Common Stock</td>
</tr>
</tbody>
</table>

Deferred Stock Units acquired through dividend reinvestment during the fiscal year pursuant to the Independent Directors’ Deferred Compensation Plan.

Explanation of Responses:

1. 1-for-1

2. 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.

3. Annual award of Deferred Stock Units pursuant to the 2005 Stock Incentive Plan.

Reporting Owners

Carmona Richard H
1221 BROADWAY
OAKLAND, CA 94612-1888

Signatures

By Angela Hilt, Attorney-in-Fact for

1/4/2017
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.

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