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 *

NODDLE JEFFREY

(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)

12/31/2013

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

__ X __ Director

__ 10% Owner

__ 10% Owner

__ 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>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>12/31/2013</td>
<td>A</td>
<td>1003.4700</td>
<td>1003.4700</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>1003.4700</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) 1-for-1

(2) Annual award of Deferred Stock Units pursuant to the 2005 Stock Incentive 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.

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. Code</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units</td>
<td></td>
<td>12/31/2013</td>
<td>A</td>
<td>1003.4700</td>
<td></td>
<td></td>
<td>Common Stock</td>
<td>1003.4700</td>
</tr>
</tbody>
</table>

Reporting Owners

Reporting Owner Name / Address: NODDLE JEFFREY 1221 BROADWAY OAKLAND, CA 94612-1888

Relationships:

__ X __ Director

__ 10% Owner

__ Officer

__ Other

Signatures

By Angela Hilt, Attorney-in-Fact for 1/3/2014

** 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.