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)
   12/31/2014

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>Title of Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Deemed Execution 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>2/14/2014</td>
<td>A</td>
<td>(2)</td>
<td>(3)</td>
<td>8.0861</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/9/2014</td>
<td>A</td>
<td>(2)</td>
<td>(3)</td>
<td>8.1144</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>8/8/2014</td>
<td>A</td>
<td>(2)</td>
<td>(3)</td>
<td>8.5500</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>11/14/2014</td>
<td>A</td>
<td>(2)</td>
<td>(3)</td>
<td>7.6000</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/31/2014</td>
<td>A</td>
<td>(4)</td>
<td>(3)</td>
<td>1237.4000</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Deemed Execution Date, if any</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title Amount or Number of Shares</th>
<th>Price of Derivative Security</th>
<th>Ownership Form of Derivative Security: 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>1-for-1</td>
<td>2/14/2014</td>
<td>A</td>
<td>(2)</td>
<td>8.0861</td>
<td>(3)</td>
<td>(3)</td>
<td>Common Stock</td>
<td>8.0861</td>
<td>$0.0000</td>
<td>1011.5561</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>5/9/2014</td>
<td>A</td>
<td>(2)</td>
<td>8.1144</td>
<td>(3)</td>
<td>(3)</td>
<td>Common Stock</td>
<td>8.1144</td>
<td>$0.0000</td>
<td>1019.6705</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>8/8/2014</td>
<td>A</td>
<td>(2)</td>
<td>8.5500</td>
<td>(3)</td>
<td>(3)</td>
<td>Common Stock</td>
<td>8.5500</td>
<td>$0.0000</td>
<td>1028.2205</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>11/14/2014</td>
<td>A</td>
<td>(2)</td>
<td>7.6000</td>
<td>(3)</td>
<td>(3)</td>
<td>Common Stock</td>
<td>7.6000</td>
<td>$0.0000</td>
<td>1035.8205</td>
<td>D</td>
</tr>
<tr>
<td>Deferred Stock Units</td>
<td>12/31/2014</td>
<td>A</td>
<td>(4)</td>
<td>1237.4000</td>
<td>(3)</td>
<td>(3)</td>
<td>Common Stock</td>
<td>1237.4000</td>
<td>$0.0000</td>
<td>2273.2192</td>
<td>D</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
Reporting Owner Name / Address | Relationships
---|---
NODDLE JEFFREY | Director
1221 BROADWAY | X
OAKLAND, CA 94612-1888 | 10% Owner

Signatures
By Angela Hilt, Attorney-in-Fact for 1/5/2015
** 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.

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