1. Name and Address of Reporting Person *
MURLEY JAN L
1221 BROADWAY
OAKLAND, CA 946121888

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

3. Date of Earliest Transaction (MM/DD/YYYY)
6/30/2006

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

6. Individual or Joint/Group Filing (Check Applicable Line)

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</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>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units (1)</td>
<td>6/30/2006</td>
<td>A</td>
<td>Code: V</td>
<td>Amount or Number of Shares</td>
<td>Title: Amount Underlying Derivative Security: Date Exercisable and Expiration Date</td>
<td>307.53 (2)</td>
<td>D</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td>(2)</td>
<td>307.53</td>
<td>(3)</td>
<td>$0</td>
<td>3061.66</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) 1-for-1
(2) Receipt of Deferred Stock Units in lieu of receipt of quarterly director's fee.
(3) The Deferred Stock Units will be settled 100% in Clorox stock upon 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>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Date of Derivative Security</th>
<th>3. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Stock Units (1)</td>
<td>6/30/2006</td>
<td>A (2)</td>
<td>307.53</td>
<td>(3)</td>
<td>Common Stock: 307.53, Date Exercisable: (3), Expiration Date: (3)</td>
<td>307.53</td>
<td>$0</td>
<td>3061.66</td>
<td>D</td>
<td>3061.66</td>
<td>D</td>
</tr>
</tbody>
</table>

Reporting Owners

Reporting Owner Name / Address
MURLEY JAN L
1221 BROADWAY
OAKLAND, CA 946121888

Relationships
Director
10% Owner
Officer
Other

Signatures
By: By Angela Hilt, Attorney-in-Fact for 7/5/2006
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.