CLOROX CO /DE/

FORM 5
(Annual Statement of Changes in Beneficial Ownership)

Filed 8/15/2005 For Period Ending 6/30/2005

Address THE CLOROX COMPANY 1221 BROADWAY
     OAKLAND, California 94612-1888
Telephone 510-271-7000
CIK 0000021076
Industry Personal & Household Prods.
Sector Consumer/Non-Cyclical
Fiscal Year 06/30
File pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public
Utility Holding Company Act of 1935 or Section 30(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person *
PEIROS LARRY
( Last) (First) (Middle)
1221 BROADWAY
(Street)
OAKLAND, CA 946121888
(City) (State) (Zip)

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

3. Statement for Issuer's Fiscal Year Ended
(MM/DD/YYYY) 6/30/2005

4. If Amendment, Date Original Filed

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
_____ Director
_____ 10% Owner
X Officer (give title below)
_____ Other (specify below)
Group Vice President

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>
<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>Common Stock</td>
<td>6/30/2005</td>
<td>J (1)</td>
<td>9.92 A $0</td>
<td>520,808</td>
<td>I By ERIP</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>200,000.00</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td>158,888,000</td>
<td>I By Trust</td>
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</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or 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) (Instr. 3, 4 and 5)</th>
<th>Date Exercisable and Expiration Date (MM/DD/YYYY)</th>
<th>Title and Amount of Derivative Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>Price of Derivative Security (Instr. 5)</th>
<th>Number of Derivative Securities Beneficially Owned at End of Issuer's Fiscal Year (Instr. 4)</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>
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Explanation of Responses:
(1) Shares acquired during the fiscal year ended 6/30/05 pursuant to the Company's Employee Retirement Investment Plan/401(K), Dividend Reinvestment Plan, and/or Employee Stock Purchase Plan.

Reporting Owners
PEIROS LARRY
1221 BROADWAY
OAKLAND, CA 946121888

Relationships
Director 10% Owner Officer Other
Group Vice President

Signatures
By: By Laura Stein, Attorney-in-Fact for 8/15/2005
**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.