Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of December 2020

Number of samples from Pesticides Regulatory Office: **33**
Number of samples from farm gate level: **8**
Number of samples from auction sale/supermarkets: **13**
Number of imported samples: **12**

Number of samples with pesticide residues exceeding MRL: **1**
Number of samples with pesticide residues not recommended: **1**

### 1. Results of analysis of samples collected at farm gate level

<table>
<thead>
<tr>
<th>SN.</th>
<th>Fruits and Vegetables</th>
<th>Locality</th>
<th>Pesticides detected</th>
<th>Amount (mg/kg)</th>
<th>MRL (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Beans</td>
<td>Floréal</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Spinach</td>
<td>Eau Coulée</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>Cabbage</td>
<td>Curepipe</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>Chinese cabbage</td>
<td>Curepipe</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5</td>
<td>Carrot</td>
<td>Vacoas</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>Chayote</td>
<td>Vacoas</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>Leafy Brassica</td>
<td>Vacoas</td>
<td>Acetamiprid</td>
<td>0.45</td>
<td>0.01</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Excess)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Metalaxyl</td>
<td>0.035</td>
<td>NR</td>
</tr>
<tr>
<td>8</td>
<td>Pumpkin greens</td>
<td>Petit Raffray</td>
<td>NDL</td>
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</tr>
</tbody>
</table>

### 2. Results of analysis of samples collected at super markets and auction markets

<table>
<thead>
<tr>
<th>SN.</th>
<th>Fruits and Vegetables</th>
<th>Super/Auction Market</th>
<th>Pesticides detected</th>
<th>Amount (mg/kg)</th>
<th>MRL (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Carrot</td>
<td>Grand Bay</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Cabbage</td>
<td>Grand Bay</td>
<td>NDL</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SN</td>
<td>Fruits and Vegetables</td>
<td>Pesticides detected</td>
<td>Amount (mg/kg)</td>
<td>MRL (mg/kg)</td>
<td></td>
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<tr>
<td>----</td>
<td>------------------------</td>
<td>------------------------------------------</td>
<td>----------------</td>
<td>-------------</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Orange</td>
<td>Azoxystrobin</td>
<td>0.018</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fludioxonil</td>
<td>9.8</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Imazalil</td>
<td>5.0</td>
<td>10</td>
<td></td>
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<tr>
<td></td>
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<td>Propiconazole</td>
<td>0.042</td>
<td>8</td>
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<tr>
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<td></td>
<td>Pyrimethanil</td>
<td>5.8</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Apple</td>
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<td>-</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Apple</td>
<td>Pyrimethanil</td>
<td>0.33</td>
<td>15</td>
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<tr>
<td></td>
<td></td>
<td>Thiacloprid</td>
<td>0.095</td>
<td>0.3</td>
<td></td>
</tr>
<tr>
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<td>Lemon</td>
<td>Imazalil</td>
<td>4.3</td>
<td>5</td>
<td></td>
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<tr>
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<td></td>
<td>Pyrimethanil</td>
<td>6.0</td>
<td>8</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Thiacendazole</td>
<td>0.18</td>
<td>7</td>
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<tr>
<td>5</td>
<td>Apple</td>
<td>Acetamiprid</td>
<td>0.049</td>
<td>0.4</td>
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<td>0.3</td>
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<tr>
<td></td>
<td></td>
<td>Thiacloprid</td>
<td>0.061</td>
<td>0.3</td>
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</tr>
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<td></td>
<td>Fruit</td>
<td>Pesticides</td>
<td>Imazalil</td>
<td>Pyrimethanil</td>
<td>Thiabendazole</td>
</tr>
<tr>
<td>---</td>
<td>-------</td>
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<td>---------</td>
<td>--------------</td>
<td>---------------</td>
</tr>
<tr>
<td>7</td>
<td>Orange</td>
<td>Acetamiprid</td>
<td>1.2</td>
<td>1.1</td>
<td>1.7</td>
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<td>Fludioxonil</td>
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<td>Pear</td>
<td>Acetamiprid</td>
<td>0.021</td>
<td>0.34</td>
<td>0.4</td>
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<td>Fludioxonil</td>
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</tr>
<tr>
<td>9</td>
<td>Mandarin</td>
<td>Dimethoate</td>
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<td>5</td>
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<tr>
<td>10</td>
<td>Onion</td>
<td>NDL</td>
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</tr>
<tr>
<td>11</td>
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<td>NDL</td>
<td></td>
<td></td>
<td>-</td>
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<tr>
<td>12</td>
<td>Pomelo</td>
<td>Acetamiprid</td>
<td>0.011</td>
<td></td>
<td>0.9</td>
</tr>
</tbody>
</table>

NB: MRL – Maximum Residue Level
NDL – Non Detectable Level
NR – Not Recommended