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APPENDICES

Appendix A. Handling of heap stored cattle manure on farms during the 2009/10 season in Wards 12 and 14 of Masvingo District

<table>
<thead>
<tr>
<th>Farm</th>
<th>Storage</th>
<th>Material added</th>
<th>Heaping period (months)</th>
<th>Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>1$</td>
<td>Heap</td>
<td>Maize stover, dry weeds</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>11</td>
<td>Deep stall</td>
<td>Maize stover</td>
<td>1</td>
<td>None</td>
</tr>
<tr>
<td>12</td>
<td>Heap</td>
<td>Maize stover, grass weeds</td>
<td>6</td>
<td>None</td>
</tr>
<tr>
<td>13</td>
<td>Heap</td>
<td>Maize stover</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>14</td>
<td>Heap</td>
<td>Maize stover</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>15</td>
<td>Heap</td>
<td>Maize stover</td>
<td>4</td>
<td>None</td>
</tr>
<tr>
<td>16</td>
<td>Deep stall</td>
<td>Maize stover</td>
<td>1</td>
<td>None</td>
</tr>
</tbody>
</table>

$ paired immature and mature samples obtained.
Appendix B. Handling of pit stored compost on farms in Wards 12 and 14 of Masvingo District during the 2009/10 season

<table>
<thead>
<tr>
<th>Farm</th>
<th>Storage</th>
<th>C source</th>
<th>N source</th>
<th>Water</th>
<th>Cover</th>
<th>Turned</th>
<th>Period (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Pit 2.5 m deep</td>
<td>30 cm layers of maize stover, forest litter.</td>
<td>Poultry and goat manure, household wastes.</td>
<td>Added</td>
<td>Anthill soil and ash.</td>
<td>No</td>
<td>14</td>
</tr>
<tr>
<td>3</td>
<td>Pit</td>
<td>Crop stover, weeds</td>
<td>Kraal manure, household wastes.</td>
<td>Added</td>
<td>Soil</td>
<td>No</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Pit 1 m(depth)*</td>
<td>Forest and fruit tree litter, maize stover.</td>
<td>Kraal manure, green grass, ammonium nitrate (AN).</td>
<td>Added</td>
<td>AN</td>
<td>No</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>4 m * 4 m</td>
<td>Forest litter, crop stover.</td>
<td>Household wastes.</td>
<td>Rainbow</td>
<td>None</td>
<td>Yes</td>
<td>7</td>
</tr>
<tr>
<td>5</td>
<td>Pit</td>
<td>Forest litter, maize stover.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>No</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Shallow pit</td>
<td>Forest litter.</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>No</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>Pit</td>
<td>Forest litter, maize stover.</td>
<td>Added</td>
<td>None</td>
<td>None</td>
<td>No</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>Pit</td>
<td>Maize stover and cobs.</td>
<td>Household wastes.</td>
<td>Added</td>
<td>None</td>
<td>No</td>
<td>7</td>
</tr>
<tr>
<td>9</td>
<td>Pit</td>
<td>Maize stover, weeds.</td>
<td>Household wastes.</td>
<td>Added</td>
<td>None</td>
<td>No</td>
<td>8</td>
</tr>
<tr>
<td>10</td>
<td>Pit</td>
<td>Maize stover, forest litter.</td>
<td>Household wastes, green grass weeds.</td>
<td>Added</td>
<td>Ash</td>
<td>No</td>
<td>4</td>
</tr>
</tbody>
</table>

§ paired immature and mature samples obtained from site 2