### Supplementary Tables

#### Table S1 — Cyanide content in ppm

<table>
<thead>
<tr>
<th>Variety</th>
<th>Part of shoot</th>
<th>Cyanide content (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Jati</strong></td>
<td>Tip</td>
<td>381.4³</td>
</tr>
<tr>
<td></td>
<td>Middle</td>
<td>87.8²</td>
</tr>
<tr>
<td></td>
<td>Base</td>
<td>53.86²</td>
</tr>
<tr>
<td><strong>Bhulaka</strong></td>
<td>Tip</td>
<td>88.96⁴</td>
</tr>
<tr>
<td></td>
<td>Middle</td>
<td>66.93³</td>
</tr>
<tr>
<td></td>
<td>Base</td>
<td>43.93³</td>
</tr>
<tr>
<td><strong>Kako</strong></td>
<td>Tip</td>
<td>122.95⁵</td>
</tr>
<tr>
<td></td>
<td>Middle</td>
<td>66.66⁵</td>
</tr>
<tr>
<td></td>
<td>Base</td>
<td>53.54⁴</td>
</tr>
</tbody>
</table>

Values are mean of three replicate

#### Table S2 — Functional properties of LAB

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Lactobacillus brevis</th>
<th>Lactobacillus plantarum</th>
<th>Lactobacillus paracasei subsp. paracasei</th>
<th>Lactobacillus pentosus</th>
<th>Lactobacillus collinoides</th>
</tr>
</thead>
<tbody>
<tr>
<td>Growth at</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 °C</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>30 °C</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>37 °C</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>45 °C</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>pH 2.5</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>pH 5</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>pH 6</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Growth in NaCl</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 % NaCl</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>6.5 % NaCl</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>10 % NaCl</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

+ = Growth, - = No Growth
**Table S3 — Zone of inhibition (mm) produced by LAB strains against indicator organism**

<table>
<thead>
<tr>
<th>Indicator strains</th>
<th>Zone of inhibition (mm) LAB strains</th>
<th>Lactobacillus brevis</th>
<th>Lactobacillus plantarum</th>
<th>Lactobacillus paracasei subsp. paracasei</th>
<th>Lactobacillus pentosus</th>
<th>Lactobacillus collinoides</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Lisetria Monocytogenes</em></td>
<td></td>
<td>4.3</td>
<td>4.3</td>
<td>4.2</td>
<td>3.1</td>
<td>3.1</td>
</tr>
<tr>
<td><em>Listeria Innocua</em></td>
<td></td>
<td>4.5</td>
<td>5.7</td>
<td>4.4</td>
<td>3.3</td>
<td>3.0</td>
</tr>
<tr>
<td><em>Staphylococcus Aureus</em></td>
<td></td>
<td>4.4</td>
<td>4.4</td>
<td>3.4</td>
<td>3.6</td>
<td>2.3</td>
</tr>
<tr>
<td><em>Enterococcus cloacae</em></td>
<td></td>
<td>3.7</td>
<td>3.8</td>
<td>4.1</td>
<td>3.9</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Values are mean of three replicate