BE Papaya Crop Summary

BE Papaya Events in the Food Supply

<table>
<thead>
<tr>
<th>BE Event</th>
<th>Trait</th>
<th>Producing Countries</th>
<th>Comments</th>
<th>FDA Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>55-1</td>
<td>Virus Resistance</td>
<td>Canada and United States</td>
<td>Trade names: Rainbow, SunUp</td>
<td>BNF-042</td>
</tr>
<tr>
<td>63-1</td>
<td>Virus Resistance</td>
<td>Canada and United States</td>
<td>not commercialized</td>
<td>NO</td>
</tr>
<tr>
<td>Huanong No. 1</td>
<td>Virus Resistance</td>
<td>China</td>
<td>NO</td>
<td></td>
</tr>
<tr>
<td>X17-2</td>
<td>Virus Resistance</td>
<td>United States</td>
<td>not commercialized</td>
<td>BNF-100</td>
</tr>
</tbody>
</table>

BE Papaya Production

BE papaya is produced commercially in only two countries: China and the United States.

All BE papaya production in the United States is based on event 55-1. BE papaya events 63-1 and X17-2 were never commercialized. Papaya produced in the United State should be presumed to be BE papaya.

For phytosanitary reasons, USDA-APHIS does not admit fresh papaya fruit into the United States from China. (USDA-APHIS, 2018).

BE Papaya Food Safety Reviews

The FDA has completed biotechnology consultations for BE papaya events 55-1 and X17-2 (FDA 2018). There have been no food safety reviews for BE papaya events 63-1 and Huanong No.1 (ISAAA, 2017). The BE papaya event that is produced commercially in China has not been reviewed by the FDA.

References

FDA (2018) Biotechnology Consultations on Food from GE Plant Varieties
https://www.accessdata.fda.gov/scripts/fdcc/?set=Biocon