BE Alfalfa Crop Summary

BE Alfalfa 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>J101</td>
<td>Herbicide Tolerance</td>
<td>Canada, Mexico, United States</td>
<td></td>
<td>BNF-084</td>
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<tr>
<td>J163</td>
<td>Herbicide Tolerance</td>
<td>Canada, Mexico, United States</td>
<td></td>
<td>BNF-084</td>
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<tr>
<td>KK179</td>
<td>low lignin</td>
<td>Canada, United States</td>
<td>Trade name: HarvXtra™</td>
<td>BNF-138</td>
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BE Alfalfa Production

BE alfalfa is commercially produced in Canada and the United States. BE alfalfa is also approved for commercial cultivation in Mexico and Japan; however, no BE alfalfa is currently produced in these two countries. Producers of alfalfa sprouts should maintain records to demonstrate that they sourced non-BE alfalfa seed.

About 13% of the 2013 alfalfa harvest in the United States was BE alfalfa (USDA-ERS, 2016). ISAAA (2017) estimated that that there was 1.22M ha of BE alfalfa in the United States in 2017.

BE Alfalfa Food Safety Reviews

FDA biotechnology consultations were completed for events J101 and J163 in 2004, and for event KK179 in 2013 (FDA, 2018). Health Canada completed food safety reviews for events J101 and J163 in 2005 (Health Canada, 2005) and for event KK179 in 2015 (Health Canada, 2015).

References

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