

BE Papaya Crop Summary

BE Papaya Events in the Food Supply

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

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>

Health Canada (2003) Novel Food Information – Virus Resistant Papaya Line 55-1

ISAAA (2017) Global Status of Commercialized Biotech-GM Crops – 2017.

USDA-APHIS (2018) Fruits and Vegetables Import Requirement (FAVIR).

<https://epermits.aphis.usda.gov/manual/index.cfm?ACTION=pubHome>