

BE Squash (Summer, Coat Protein-Mediated Virus-Resistant) Crop Summary

BE Squash Events in the Food Supply

BE Event	Trait	Producing Countries	Comments	FDA Review
ZW20	Coat Protein-mediated Virus-Resistance	Canada and United States	Yellow Crookneck Squash	BNF - 006
CZW3	Coat Protein-mediated Virus-Resistance	Canada and United States	Yellow Crookneck Squash	BNF - 043

BE Squash Production

BE summer squash is commercially produced at a low level in the United States. ISAAA (2017) estimates total production of 1000 ha (2471 Acres) representing less than 10% of plant in the US by area.

BE Squash Food Safety Reviews

The FDA has completed two biotechnology consultations for two BE squash events as of 2023. Health Canada has also completed food safety reviews for these same two BE squash events (Health Canada, 1998a; Health Canada, 1998b).

References

FDA Biotechnology Consultations on Food from GE Plant Varieties

<https://www.accessdata.fda.gov/scripts/fdcc/?set=Biocon>

ISAAA Global Status of Commercialized Biotech-GM Crops – 2023

<https://www.isaaa.org/gmapprovaldatabase/crop/default.asp?CropID=27>

Health Canada (1998a) Novel Food Information – Virus Resistant Squash Line ZW-20. Health

Canada (1998b) Novel Food Information – Virus Resistant Squash Line CZW-3.