

BE Cotton Crop Summary

BE Cotton Events in the Food Supply

BE Event	Trait	Producing Countries	Comments	FDA Review
BXN10211	Herbicide Tolerance	United States	Trade Name: BXN™ Cotton	BNF-004
BXN10215	Herbicide Tolerance	United States	Trade Name: BXN™ Cotton	BNF-004
BXN10222	Herbicide Tolerance	United States	Trade Name: BXN™ Cotton	BNF-004
MON531	Insect Resistance	Argentina, Australia, Brazil, Colombia, Costa Rica, India, Mexico, Paraguay, South Africa, Sudan, United States	Trade Name: Bollgard™ Cotton, Ingard™	BNF-013
MON757	Insect Resistance	South Africa, United States	Trade Name: Bollgard™ Cotton	BNF-013
MON1076	Insect Resistance	South Africa, United States	Trade Name: Bollgard™	BNF-013
MON1445	Herbicide Tolerance	Argentina, Australia, Brazil, Colombia, Costa Rica, Mexico, Paraguay, South Africa, United States	Trade Name: Roundup Ready™	BNF-026
MON1698	Herbicide Tolerance	Mexico, South Africa, United States	Trade Name: Roundup Ready™	BNF-026
19-51a	Herbicide Tolerance	United States		BNF-030
31707	Insect Resistance	NONE	Trade Name: BXN™ Plus Bollgard™	BNF-047
31803	Insect Resistance	NONE	Trade Name: BXN™ Plus Bollgard™	BNF-047
31807	Insect Resistance	United States	Trade Name: BXN™ Plus Bollgard™	BNF-047
31808	Insect Resistance	United States	Trade Name: BXN™ Plus Bollgard™	BNF-047

42317	Insect Resistance	NONE	Trade Name: BXN™ Plus Bollgard™	BNF-047
MON15985	Insect Resistance	Australia, Brazil, Burkina Faso, Costa Rica, India, Mexico, South Africa, United States	Trade Name: Bollgard II™	BNF-074
LLCotton25	Herbicide Tolerance	Brazil, Colombia, Costa Rica, United States	Trade Name: Fibermax™ Liberty Link™	BNF-086
281-24-236	Herbicide Tolerance	Mexico, United States		BNF-085
3006-210-23	Herbicide Tolerance, Insect Resistance	Mexico, United States		BNF-092
MON-88913- 8	Herbicide Tolerance	Australia, Brazil, Costa Rica, Mexico, South Africa, United States	Trade Name: Roundup Ready™ Flex™	BNF-098
COT102	Insect Resistance	Australia, Costa Rica, Mexico, United States	Trade Name: VICOT™	BNF-094
GHB614	Herbicide Tolerance	Argentina, Australia, Brazil, Costa Rica, United States	Trade Name: GlyTol™	BNF-109
COT67B	Insect Resistance	Costa Rica, United States		BNF-112
T304-40 / GHB119	Insect Resistance	Argentina, Brazil	Trade Name: TwinLink™	BNF-118
MON 88701	Herbicide Tolerance	Brazil, Costa Rica, United States		BNF-135
DAS-81910-7	Herbicide Tolerance			BNF-142
MON88702	Insect Resistance	Australia, New Zealand, United States		BNF-160
GHB811	Herbicide Tolerance	United States		BNF-161
BNLA-601	Insect Resistance	India		NO
Event1	Insect Resistance	India, Swaziland		NO

GFM Cry1A	Insect Resistance	India, Pakistan		NO
GK12	Insect Resistance	China		NO
MLS 9124	Insect Resistance	India		NO
Ngwe Chi 6 Bt	Insect Resistance	Burma		NO
SGK321	Insect Resistance	China		NO

BE Cotton Production

BE cotton is produced commercially in 12 countries. In the following 8 countries, BE cotton production represents more than half of all cotton production: Argentina, Australia, Brazil, Colombia, Mexico, Paraguay, South Africa, and the United States. Cotton from these countries should be presumed to be BE cotton. Burma, China, India, and Pakistan also produce BE cotton commercially; however, the BE cotton produced in these four countries has not been reviewed by the FDA (FDA, 2018).

In 2017, 80% of all global cotton production was BE cotton (ISAAA, 2017).

BE Cotton Food Safety Reviews

Between 1995 and 2008, the FDA completed 17 biotechnology consultations for 26 BE cotton events. Food safety reviews for some of these events have been conducted in many other countries. For example, ten countries have completed food safety reviews for MON88701 (ISAAA, 2017). Note that there are BE cotton events in commercial production in Burma, China, India and Pakistan which have not yet been reviewed by the FDA (ISAAA, 2017).

References

FDA (2018) Biotechnology Consultations on Food from GE Plant Varieties

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

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