

Table 4. EU pending applications insecticidal Bt crops

#	Event	Crop	Trait(s)	Insecticidal genes introduced	Status	Cultivation
1	MON 88017 x MON 810	Maize	Glyphosate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance	Cry1Ab, Cry3Bb1	At EFSA (Under Consideration)	✗
2	MON 87427 x MON 89034 x MIR162 x MON 87419 x NK603	Maize	Glyphosate herbicide tolerance, Lepidopteran insect resistance, Mannose metabolism	Cry2Ab2, Cry1A.105, Vip3Aa20	At EFSA (Additional data request)	✗
3	T304-40 x GHB119 x COT102	Cotton	Glufosinate herbicide tolerance, Lepidopteran insect resistance	Cry1Ab, Cry2Ab2, Vip3Aa20	At EFSA (Under Consideration)	✗
4	Bt11	Maize	Glufosinate herbicide tolerance, Lepidopteran insect resistance	Cry1Ab	At EFSA (Additional data request)	✗
5	MON 87427 x MON 89034 x MON 810 x MIR 162 x MON 87411 x MON 87419	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Dicamba herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance,	Cry1Ab, Cry2Ab2, Cry1A.105, Vip3Aa20, Cry3Bb1, Dvsnf7	At EFSA (Additional data request)	✗
6	MON 89034	Maize	Lepidopteran insect resistance	Cry2Ab2, Cry1A.105	At EFSA (Under Consideration)	✗
7	MON 88017	Maize	Glyphosate herbicide tolerance, Coleopteran insect resistance	Cry3Bb1	At EFSA (In Progress)	✗
8	MIR604	Maize	Coleopteran insect resistance, mannose metabolism	Mcry3A	At EFSA (In Progress)	✗
9	MON 89034 x 1507 x MIR162 x NK603 x DAS-40278-9	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance, Mannose metabolism, 2,4-D herbicide tolerance,	Cry1Fa2, Cry2Ab2, Vip3Aa20	At EFSA (Additional data request)	✗
10	DP4114 x MON810 x MIR604 x NK603	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance, Antibiotica resistance, Mannose metabolism	Cry1Ab, Cry1F, Cry34Ab1, Cry35Ab1	At EFSA (Additional data request)	✗
11	Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance, Multiple insect resistance	Cry1Ab, Mcry3A, Vip3Aa20, Cry2Ab2, Cry1A.105, Ecry3.1Ab	At EFSA (Additional data request)	✗
12	GHB614 x T304-40 x GHB119 x COT102	Cotton	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance, Antibiotic resistance	Cry1Ab, Cry2Ae, Vip3A(a)	At EFSA (Additional data request)	✗
13	3272 x Bt11 x MIR604 x 1507 x 5307 x GA21	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance, Multiple insect resistance, Mannose metabolism	Ecry3.1Ab, Mcry3A, Cry1Fa2, Cry1Ab	At EFSA (Additional data request)	✗

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14	MON 87427 x MON 89034 x MIR162 x MON 87411	Maize	Glyphosate herbicide tolerance, Lepidopteran insect resistance, Coleopteran insect resistance, Mannose metabolism	Cry2Ab2 Cry1A.105 Vip3Aa20 Cry3Bb1 Dvsnf7	At EFSA (In Progress)	✗
15	MZIR098	Maize	Glufosinate herbicide tolerance, Coleopteran insect resistance, Multiple insect resistance	Ecry3.1Ab, Mcry3A	At EFSA (Additional data request)	✗
16	COT102	Cotton	Lepidopteran insect resistance, Antibiotic resistance	Vip3A(a)	At EFSA (Additional data request)	✗
17	MON 87427 x MON 87460 x MON 89034 x 1507 x MON 87411 x 59122	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Drought stress tolerance, Antibiotic resistance, Insect resistance	Cry2Ab2 Cry1A.105 Cry3Bb1 Cry34Ab1 Cry35Ab1 Cry1Fa2 Dvsnf7	At EFSA (Additional data request)	✗
18	MON 87427 x MON 87460 x MON 89034 x MIR162 x NK603	Maize	Glyphosate herbicide tolerance, drought stress tolerance, antibiotic resistance, Lepidopteran insect resistance	Cry2AB, Cry1A.105, Vip3Aa	Finished at EFSA (moves to comitology)	✗
19	DAS-81419-2 x DAS-44406-6	Soybean	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance, 2,4-D herbicide tolerance,	Cry1Ac, Cry1F	At EFSA (Additional data request)	✗
20	MON 87427 x MON 89034 x MIR162 x NK603	Maize	Glyphosate herbicide tolerance, Lepidopteran insect resistance, Mannose metabolism	Cry2Ab2, Cry1A.105, VIP3Aa20	Finished at EFSA (moves to comitology)	✗
21	MON 87751 x MON 87701 x MON 87708 x MON 89788	Soybean	Glyphosate herbicide resistance, Dicamba herbicide resistance, Lepidopteran insect resistance	Cry1Ac, Cry1A.105, Cry2Ab2	At EFSA (In Progress)	✗
22	1507 x MON810 x MIR162 x NK603	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance, Mannose metabolism	Cry1Fa2, Cry1Ab, Vip3Aa20	At EFSA (Additional data request)	✗
23	GHB614 x T304-40 x GHB119	Cotton	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance	Cry1Ab, Cry2Ae	Finished at EFSA (moves to comitology)	✗
24	DAS-81419-2	Soybean	Glufosinate herbicide tolerance, Lepidopteran insect resistance	Cry1Ac, Cry1F	Finished at EFSA (moves to comitology)	✗
25	MON 89034 x 1507 x MON 88017 x 59122 x DAS-40278-9	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance, 2,4-D herbicide tolerance	Cry1Fa2, Cry2Ab2, Cry35Ab1, Cry34Ab1, Cry3Bb1, Cry1A.105	Comitology (Appeals Committee)	✗
26	MON 89034 x 1507 x NK603 x DAS-40278-9	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance, 2,4-D herbicide tolerance	Cry1Fa2, Cry2Ab2, Cry1A.105	Comitology (Appeals Committee)	✗

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27	Bt11 x MIR162 x MIR604 x 1507 x 5307 x GA21	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance, Multiple insect resistance, Mannose metabolism	Ecry3.1Ab, mCry3A, Cry1Ab, Cry1Fa2, Vip3Aa20	Comitology (Standing Committee)	✗
28	Bt11 x MIR162 x 1507 x GA21	Maize	Glufosinate herbicide tolerance, Glyphosate herbicide tolerance, Lepidopteran insect resistance, Mannose metabolism	Cry1Ab, Vip3Aa20, Cry1Fa2	Commission decision pending	✗
29	MON810	Maize	Lepidopteran insect resistance	Cry1Ab	Commission decision pending	✓
30	MON 88913 x MON 15985	Cotton	Glyphosate herbicide tolerance, Lepidopteran insect resistance, Antibiotic resistance, Visual marker	Cry2Ab2	At EFSA (Additional data request)	✗
31	1507 x DAS-59122-7	Maize	Glufosinate herbicide tolerance, Coleopteran insect resistance, Lepidopteran insect resistance	Cry1F, Cry34Ab1, Cry35Ab1	At EFSA (Additional data request)	✓
32	DAS-59122-7	Maize	Glufosinate herbicide tolerance, Coleopteran insect resistance	Cry34Ab1, Cry35Ab1	Commission decision pending	✓
33	1507	Maize	Glufosinate herbicide tolerance, Lepidopteran insect resistance	Cry1Fa2	Commission decision pending	✓
34	Bt11	Maize	Glufosinate herbicide tolerance, Lepidopteran insect resistance	Cry1Ab	Commission decision pending	✓

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Sources Table 4:

- EFSA Register of Questions: <http://registerofquestions.efsa.europa.eu/roqFrontend/login?2>
- European Commission Agendas and Summary Reports PAFF Committee Genetically Modified Food and Feed and Environmental Risk: https://ec.europa.eu/food/plant/standing_committees/sc_modif_genet_en
- European Commission Agendas and Summary Reports Appeals Committee: https://ec.europa.eu/food/committees/appeal/gmffer_e
- International Service for the Acquisition of Agri-Biotech Applications GM Approval Database: <https://www.isaaa.org/gmapprovaldatabase/>

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