

**List of approved genetically modified crops for (i) use as food for direct consumption, (ii) use as food ingredients and (iii) further processing to become ingredients for other food**

Updated on 13 Sep 2024

No	Crop common name	Crop scientific name	Event Name	Trait(s)	Effective date
1	Maize	<i>Zea mays</i>	MON863	Insect resistant	23 May 2006
2	Maize	<i>Zea mays</i>	NK603	Herbicide tolerant	23 May 2006
3	Sugar beet	<i>Beta vulgaris</i>	H7-1	Herbicide tolerant	2 Jul 2007
4	Maize	<i>Zea mays</i>	MON88017	Herbicide tolerant, Insect resistant	2 Jul 2007
5	Cotton	<i>Gossypium hirsutum</i>	MON88913	Herbicide tolerant	2 Jul 2007
6	Oilseed rape	<i>Brassica napus</i>	GT73	Herbicide tolerant	23 Apr 2008
7	Cotton	<i>Gossypium hirsutum</i>	MON15985	Insect resistant	23 Apr 2008
8	Cotton	<i>Gossypium hirsutum</i>	MON1445	Herbicide tolerant	23 Apr 2008
9	Cotton	<i>Gossypium hirsutum</i>	MON531	Insect resistant	23 Apr 2008
10	Soybean	<i>Glycine max</i>	GT40-3-2	Herbicide tolerant	12 Nov 2010
11	Soybean	<i>Glycine max</i>	MON89788	Herbicide tolerant	12 Nov 2010
12	Maize	<i>Zea mays</i>	59122	Herbicide tolerant, Insect resistant	12 Nov 2010
13	Maize	<i>Zea mays</i>	TC1507	Herbicide tolerant, Insect resistant	25 Jan 2011
14	Soybean	<i>Glycine max</i>	DP356043	Herbicide tolerant	27 Apr 2011
15	Maize	<i>Zea mays</i>	MON810	Insect resistant	21 Sep 2011
16	Maize	<i>Zea mays</i>	MON89034	Insect resistant	21 Sep 2011
17	Soybean	<i>Glycine max</i>	DP305423	High oleic acid	9 Mar 2012

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18	Soybean	<i>Glycine max</i>	A2704-12	Herbicide tolerant	26 Nov 2012
19	Maize	<i>Zea mays</i>	T25	Herbicide tolerant	27 Aug 2014
20	Soybean	<i>Glycine max</i>	A5547-127	Herbicide tolerant	31 Dec 2014
21	Maize	<i>Zea mays</i>	MON87460	Drought tolerant	25 Feb 2015
22	Soybean	<i>Glycine max</i>	MON87705	Herbicide tolerant, High oleic acid	25 Feb 2015
23	Soybean	<i>Glycine max</i>	MON87701	Insect resistant	27 Jan 2016
24	Maize	<i>Zea mays</i>	MON87427	Herbicide tolerant	24 Aug 2016
25	Oilseed rape	<i>Brassica napus</i>	MON88302	Herbicide tolerant	15 Mar 2017
26	Soybean	<i>Glycine max</i>	MON87769	Production of stearidonic acid	15 Mar 2017
27	Alfalfa	<i>Medicago sativa</i>	KK179	Reduced lignin	10 Jul 2017
28	Maize	<i>Zea mays</i>	GA21	Herbicide tolerant	10 Jul 2017
29	Maize	<i>Zea mays</i>	MIR162	Insect resistant	10 Jul 2017
30	Maize	<i>Zea mays</i>	Bt11	Herbicide tolerant, Insect resistant	10 Jul 2017
31	Maize	<i>Zea mays</i>	MIR604	Insect resistant	10 Jul 2017
32	Maize	<i>Zea mays</i>	5307	Insect resistant	16 Dec 2017
33	Soybean	<i>Glycine max</i>	FG72	Herbicide tolerant	19 Feb 2018
34	Maize	<i>Zea mays</i>	3272	Amylase modified	22 Oct 2018
35	Soybean	<i>Glycine max</i>	SYHT0H2	Herbicide tolerant	22 Oct 2018
36	Maize	<i>Zea mays</i>	MZHG0JG	Herbicide tolerant	22 Oct 2018
37	Oilseed rape	<i>Brassica napus</i>	MS8RF3	Herbicide tolerant, Pollination controlled	12 Dec 2018
38	Potato	<i>Solanum tuberosum</i>	E12	Reduced acrylamide potential, Reduced browning	7 Feb 2019
39	Maize	<i>Zea mays</i>	MZIR098	Herbicide tolerant, Insect resistant	7 Feb 2019
40	Potato	<i>Solanum tuberosum</i>	Y9	Disease resistant, Reduced acrylamide potential, Reduced browning	29 Mar 2019

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41	Maize	<i>Zea mays</i>	MON87411	Herbicide tolerant, Insect resistant	8 May 2019
42	Soybean	<i>Glycine max</i>	MON87751	Insect resistant	8 May 2019
43	Cotton	<i>Gossypium hirsutum</i>	MON88701	Herbicide tolerant	23 Jul 2019
44	Soybean	<i>Glycine max</i>	MON87708	Herbicide tolerant	23 Jul 2019
45	Soybean	<i>Glycine max</i>	DAS-44406-6	Herbicide tolerant	11 Aug 2020
46	Maize	<i>Zea mays</i>	DAS-40278-9	Herbicide tolerant	11 Aug 2020
47	Soybean	<i>Glycine max</i>	DAS-81419-2	Insect resistant	11 Aug 2020
48	Cotton	<i>Gossypium hirsutum</i>	LLCotton25	Herbicide tolerant	2 Nov 2020
49	Cotton	<i>Gossypium hirsutum</i>	T304-40	Herbicide tolerant, Insect resistant	2 Nov 2020
50	Cotton	<i>Gossypium hirsutum</i>	GHB119	Herbicide tolerant, Insect resistant	2 Nov 2020
51	Cotton	<i>Gossypium hirsutum</i>	GHB614	Herbicide tolerant	2 Nov 2020
52	Cotton	<i>Gossypium hirsutum</i>	COT102	Insect resistant	16 Nov 2020
53	Maize	<i>Zea mays</i>	GA21 x T25	Herbicide tolerant	16 Apr 2021
54	Maize	<i>Zea mays</i>	Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21	Herbicide tolerant, Insect resistant	16 Apr 2021
55	Soybean	<i>Glycine max</i>	FG72 x A5547-127	Herbicide tolerant	16 Apr 2021
56	Oilseed rape	<i>Brassica napus</i>	MS11 x RF3	Herbicide tolerant	16 Apr 2021
57	Cotton	<i>Gossypium hirsutum</i>	GHB811	Herbicide tolerant	16 Apr 2021

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58	Maize	<i>Zea mays</i>	MON87419	Herbicide tolerant	10 Jan 2022
59	Cotton	<i>Gossypium hirsutum</i>	MON88702	Insect resistant	10 Jan 2022
60	Potato	<i>Solanum tuberosum</i>	X17	Reduced acrylamide potential, reduced black spot, lowered reducing sugars, late blight resistant	7 Feb 2022
61	Soybean	<i>Glycine max</i>	GMB151	Parasitic soybean cyst nematode resistance, herbicide tolerance	30 Aug 2022
62	Oilseed rape	<i>Brassica napus</i>	MS8	Glufosinate tolerance, pollination control.	30 Aug 2022
63	Oilseed rape	<i>Brassica napus</i>	RF3	Glufosinate tolerance, pollination control.	30 Aug 2022
64	Oilseed rape	<i>Brassica napus</i>	MS11	Glufosinate tolerance, pollination control.	30 Aug 2022
65	Cotton	<i>Gossypium hirsutum</i>	GHB811 x LLCotton25 x MON88701	Herbicide tolerant	14 Nov 2022
66	Cotton	<i>Gossypium hirsutum</i>	GHB811 x LLCotton25	Herbicide tolerant	14 Nov 2022
67	Cotton	<i>Gossypium hirsutum</i>	GHB811 x T304-40 x GHB119 x COT102 x MON88701	Herbicide tolerant, insect resistant	14 Nov 2022
68	Cotton	<i>Gossypium hirsutum</i>	T304-40 x GHB119	Herbicide tolerant, insect resistant	14 Nov 2022
69	Cotton	<i>Gossypium hirsutum</i>	T304-40 x GHB119 x COT102	Herbicide tolerant, insect resistant	14 Nov 2022

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70	Cotton	<i>Gossypium hirsutum</i>	GHB811 x T304-40 x GHB119 x COT102	Herbicide tolerant, insect resistant	14 Nov 2022
71	Maize	<i>Zea mays</i>	3272 X Bt11 X MIR604 X GA21	Herbicide tolerant, insect resistant, mannose utilization	14 Nov 2022
72	Maize	<i>Zea mays</i>	Bt11 x MIR604	Herbicide tolerant, insect resistant, mannose utilization	14 Nov 2022
73	Maize	<i>Zea mays</i>	Bt11 x GA21	Herbicide tolerant, insect resistant, mannose utilization	14 Nov 2022
74	Maize	<i>Zea mays</i>	Bt11 x MIR162 x MIR604 x GA21	Herbicide tolerant, insect resistant	14 Nov 2022
75	Maize	<i>Zea mays</i>	Bt11 x MIR162 x GA21	Herbicide tolerant, insect resistant	14 Nov 2022
76	Maize	<i>Zea mays</i>	Bt11 x MIR162 x MIR604	Herbicide tolerant, insect resistant	14 Nov 2022
77	Maize	<i>Zea mays</i>	Bt11 x MIR162	Herbicide tolerant, insect resistant	14 Nov 2022
78	Maize	<i>Zea mays</i>	Bt11 x MIR162 x MIR604 x MON89034 x 5307 x GA21	Herbicide tolerant, insect resistant, mannose utilization	12 Dec 2022
79	Maize	<i>Zea mays</i>	3272 x Bt11 x MIR604 x TC1507 x 5307 x GA21	Herbicide tolerant, insect resistant, mannose utilization	12 Dec 2022
80	Maize	<i>Zea mays</i>	3272 x Bt11 x MIR162 x MIR604 x TC1507 x 5307 x GA21	Herbicide tolerant, insect resistant, mannose utilization	12 Dec 2022
81	Maize	<i>Zea mays</i>	Bt11 x MIR162 x TC1507 x GA21	Herbicide tolerant, insect resistant	12 Dec 2022
82	Maize	<i>Zea mays</i>	Bt11 x MIR604 x GA21	Herbicide tolerant, insect resistant	12 Dec 2022
83	Maize	<i>Zea mays</i>	Bt11 x TC1507 x GA21	Herbicide tolerant, insect resistant	12 Dec 2022

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84	Maize	<i>Zea mays</i>	MON87427 x MON89034 x MIR162 x MON87419 x NK603	Herbicide tolerance and insect resistance	13 Feb 2023
85	Maize	<i>Zea mays</i>	MON87427 x MON87419 x NK603	Herbicide tolerance and insect resistance	13 Feb 2023
86	Maize	<i>Zea mays</i>	MON87427 x MON89034 x NK603	Herbicide tolerance and insect resistance	13 Feb 2023
87	Maize	<i>Zea mays</i>	MON89034 x NK603	Herbicide tolerance and insect resistance	13 Feb 2023
88	Maize	<i>Zea mays</i>	MON87427 x MON89034 x MIR162 x NK603	Herbicide tolerance and insect resistance	13 Feb 2023
89	Maize	<i>Zea mays</i>	MON87427 x MON89034 x MON810 x MIR162 x MON87411 x MON87419	Herbicide tolerance and insect resistance	13 Feb 2023
90	Maize	<i>Zea mays</i>	MON87427 x MON89034 x MIR162 x MON87411	Herbicide tolerance and insect resistance	13 Feb 2023
91	Maize	<i>Zea mays</i>	MON87429	Herbicide tolerance	13 Feb 2023
92	Maize	<i>Zea mays</i>	MON87460 x MON89034 x NK603	Drought tolerance, herbicide tolerance and insect resistance	13 Feb 2023
93	Maize	<i>Zea mays</i>	MON810 x NK603	Herbicide tolerance and insect resistance	13 Feb 2023

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94	Maize	<i>Zea mays</i>	MON87460 x MON89034 x MON88017	Drought tolerance, herbicide tolerance and insect resistance	13 Feb 2023
95	Maize	<i>Zea mays</i>	MON88017 x MON810	Herbicide tolerance and insect resistance	13 Feb 2023
96	Maize	<i>Zea mays</i>	MON95379	Insect resistance	13 Feb 2023
97	Maize	<i>Zea mays</i>	NK603 x T25	Herbicide tolerance	13 Feb 2023
98	Maize	<i>Zea mays</i>	MON87427 x MON89034 x MON88017	Herbicide tolerance and insect resistance	17-Apr-23
99	Maize	<i>Zea mays</i>	MON89034 x MON88017	Herbicide tolerance and insect resistance	17-Apr-23
100	Maize	<i>Zea mays</i>	MON87460 x MON89034	Drought tolerance, herbicide tolerance and insect resistance	18-Apr-23
101	Maize	<i>Zea mays</i>	MON87460 x NK603	Drought tolerance, herbicide tolerance and insect resistance	18-Apr-23
102	Maize	<i>Zea mays</i>	MIR604 x GA21	Herbicide tolerance and insect resistance	25-Apr-23
103	Maize	<i>Zea mays</i>	MON87427 x MON89034 x TC1507 x MON87411 x DAS- 59122-7	Herbicide tolerance and insect resistance	12-Jun-23
104	Maize	<i>Zea mays</i>	MON87427 x MON89034 x TC1507 x MON88017 x DAS- 59122-7	Herbicide tolerance and insect resistance	12-Jun-23

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105	Maize	<i>Zea mays</i>	Bt11 x MIR604 x TC1507 x 5307 x GA21	Herbicide tolerance and insect resistance	12-Jun-23
106	Maize	<i>Zea mays</i>	Bt11 x DAS-59122-7 x MIR604 x TC1507 x GA21	Herbicide tolerance and insect resistance	12-Jun-23
107	Maize	<i>Zea mays</i>	3272 x Bt11 x MIR162 x GA21	Enhanced bioethanol production, Lepidoptera and coleoptera resistance, glufosinate and glyphosate tolerance	10-Sep-24
108	Maize	<i>Zea mays</i>	Bt11 x MIR162 x MON89034 x GA21	Insect resistance, herbicide tolerance	10-Sep-24