

Authorisation Status of Genetically Modified Plants in the European Community (09/2025)

GMO Approval and Expiration Process for GMOs in Food & Feed in the EU

[1] To obtain EU approval for a GMO in food and feed, the applicant submits the application through a national authority, including the relevant dossier (1a) and quantitative method information per EURL GMFF requirements (1b).

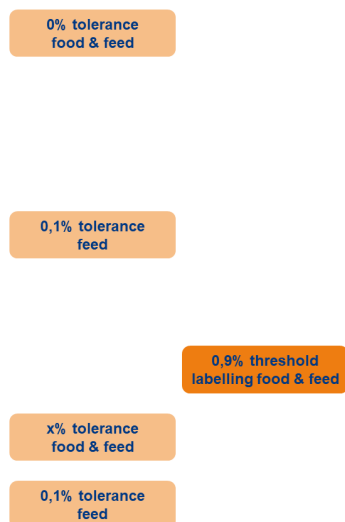
[2] The European Food Safety Authority (EFSA) evaluates the safety of the GMO and publishes its risk assessment (2a). The opinion of EFSA has also to include a method for detection validated by the European Union Reference Laboratory (EURL). According to Commission Regulation (EU) No 619/2011 non-approved GMO events are tolerated in feed up to a threshold of 0,1% provided that certain conditions apply (such as not identified by EFSA as posing health or environmental risks (2a), with a validated quantitative method (2b), and certified reference material available (2c), see chapter “GMOs covered by EU Regulation 619/2011”)

[3] The EU Commission prepares a proposal that is forwarded to the Standing Committee and, if necessary, to the Appeal Committee. If neither committee votes against the proposal by a qualified majority, the GMO is approved by the EU Commission for 10 years. During this time, labeling for products containing GMO is required according to Regulation (EC) No 1830/2003.

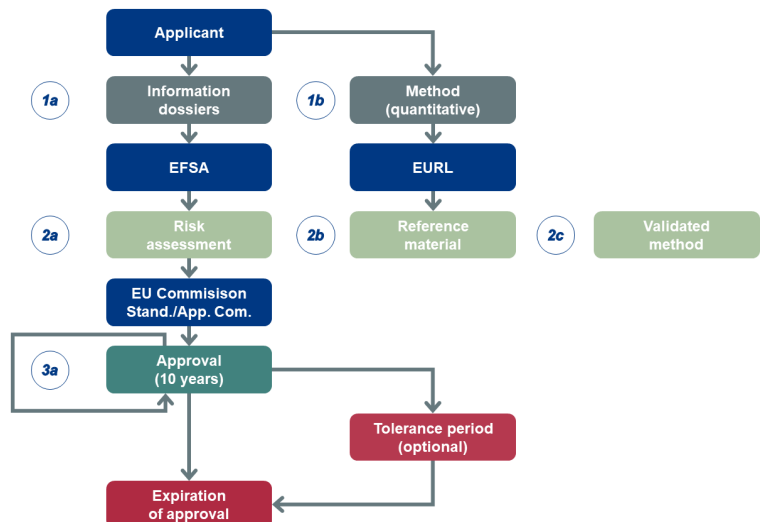
[4] After the authorization expires, a renewal for another 10 years can be applied for (3a). According to Article 11(4) of Regulation (EC) No 1829/2003, the expired authorization remains valid until a decision on the renewal is made, provided the renewal application was submitted on time. Alternatively, the applicant can apply for a tolerance period during which the GMO is tolerated in food and feed up to a certain threshold.

[5] If the applicant does not request a renewal or if the tolerance period expires, the GMO is allowed in feed below 0.1%, provided the conditions in Commission Regulation (EU) No 619/2011 are met. For food, a zero tolerance applies from this point on.

Tolerance & Labelling Thresholds



EU GMO Approval & Expiration process for GMOs in Food & Feed



Genetically Modified Soybean

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
A2704-12	ACS-GMØØ5-3	approved			
A5547-127	ACS-GMØØ6-4	approved			
DAS-44406-6	DAS-444Ø6-6	approved			
DAS-68416-4	DAS-68416-4	approved			
DAS-81419-2	DAS-81419-2	approved			
DP305423	DP-3Ø5423-1	approved			1
FG72	MST-FGØ72-2	approved			
GMB151	BCS-GM151-6	approved			
GTS 40-3-2	MON-Ø4Ø32-6	approved			
MON87701	MON-877Ø1-2	approved			
MON87705	MON-877Ø5-6	approved			1
MON87708	MON-877Ø8-9	approved			1
MON87751	MON-87751-7	approved			
MON87769	MON-87769-7	approved			1
MON89788	MON-89788-1	approved			
SYHTØH2	SYN-ØØØH2-5	approved			
DBN9004	DBN-Ø9ØØ4-6	pending	0.1%	feed	2
COR23134	COR-23134-4	pending			
DBN8002	DBN-Ø8ØØ2-3	pending			
HB4	IND-ØØ41Ø-5	pending			
MON94115		pending			
MON94313	MON-94313-8	pending			
MON94637	MON-94637-8	pending			
CV127	BPS-CV127-9	expired	0.1%	feed	2
DP356043	DP-356Ø43-5	expired	0.1%	feed	2

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

(1): A request for renewal of the authorisation was submitted on time. In accordance with Article 11(4) of Regulation (EC) No 1829/2003, the expired authorisation remains valid until a decision on its renewal has been taken.

(2): The GM event currently meets the requirements of Regulation (EC) No. 619/2011 (see chapter "GMOs covered by EU Regulation 619/2011")

Genetically Modified Corn/Maize

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
5307	SYN-Ø53Ø7-1	approved			
Bt11	SYN-BTØ11-1	approved			
DAS-40278-9	DAS-4Ø278-9	approved			
DAS-59122-7	DAS-59122-7	approved			
DP-004114-3	DP-ØØ4114-3	approved			
DP-023211-2	DP-Ø23211-2	approved			
DP-051291-2	DP-Ø51291-2	approved			
DP-202216-6	DP-2Ø2216-6	approved			
DP-910521-2	DP-91Ø521-2	approved			
DP-915635-4	DP-915635-4	approved			
GA21	MON-ØØØ21-9	approved			
MIR162	SYN-IR162-4	approved			
MIR604	SYN-IR6Ø4-5	approved			
MON810	MON-ØØ81Ø-6	approved			
MON87403	MON-874Ø3-1	approved			
MON87411	MON-87411-9	approved			
MON87419	MON-87419-8	approved			
MON87427	MON-87427-7	approved			
MON87429	MON-87429-9	approved			
MON87460	MON-8746Ø-4	approved			1
MON88017	MON-88Ø17-3	approved			
MON89034	MON-89Ø34-3	approved			
MON94804	MON-948Ø4-4	approved			
MON95275	MON-95275-7	approved			
MON95379	MON-95379-3	approved			
MZHG0JG	SYN-ØØØJG-2	approved			
MZIR098	SYN-ØØØ98-3	approved			

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
NK603	MON-ØØ6Ø3-6	approved			1
T25	ACS-ZMØØ3-2	approved			1
TC1507	DAS-Ø15Ø7-1	approved			
3272	SYN-E3272-5	pending	0.1%	feed	2
DAS-1131	DAS-Ø1131-3	pending	0.1%	feed	2
98140	DP-Ø9814Ø-6	pending			
Bt 176	SYN-EV176-9	expired	0.1%	feed	2
MON863	MON-ØØ863-5	expired	0.1%	feed	2
LY038	REN-ØØØ38-3	withdrawn			
VCO-01981-5	VCO-Ø1981-5	withdrawn			

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

(1): A request for renewal of the authorisation was submitted on time. In accordance with Article 11(4) of Regulation (EC) No 1829/2003, the expired authorisation remains valid until a decision on its renewal has been taken.

(2): The GM event currently meets the requirements of Regulation (EC) No. 619/2011 (see chapter "GMOs covered by EU Regulation 619/2011")

Genetically Modified Canola/Rapeseed

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
DP-073496-4	DP-073496-4	approved			
GT73 (RT73)	MON-00073-7	approved			
MON88302	MON-88302-9	approved			1
MON94100	MON-94100-2	approved			
MS8	ACS-BN005-8	approved			
RF3	ACS-BN003-6	approved			
T45	ACS-BN008-2	approved	0.9%	food/feed	2
MS11	BCS-BN012-7	pending	0.1%	feed	3
LBFLFK	BPS-BFLFK-2	pending			
NS-B50027-4 (DHA)	NS-B50027-4	pending			
MS1	ACS-BN004-7	expired	0.1%	food/feed	4
RF1	ACS-BN001-4	expired	0.1%	food/feed	4
RF2	ACS-BN002-5	expired	0.1%	food/feed	4
Topas 19/2	ACS-BN007-1	expired	0.1%	food/feed	4

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

(1): A request for renewal of the authorisation was submitted on time. In accordance with Article 11(4) of Regulation (EC) No 1829/2003, the expired authorisation remains valid until a decision on its renewal has been taken.

(2): The scope of the Commission Implementing Decision (EU) 2019/2081 is restricted to a maximal level of 0.9% of presence of T45 oilseed rape in food and feed.

(3): In March 2022, the GMO Panel concluded that the information submitted by the applicant was insufficient for assessing the composition of MS11. Consequently, it remains unclear whether this GMO fulfills the requirements outlined in EU Regulation 619/2022.

(4): The authorization of this GMO has expired. However, according to the Commission Implementing Decision (EU) 2022/736 traces of this GMO are tolerated during a transitional period.

Genetically Modified Cotton

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
3006-210-23 x 281-24-236	DAS-24236-5 x DAS-21023-5	approved			
COT102	SYN-IR102-7	approved			
GHB119	BCS-GH005-8	approved			
GHB614	BCS-GH002-5	approved			
GHB811	BCS-GH811-4	approved			
LLCotton25	ACS-GH001-3	approved			
MON1445	MON-01445-2	approved			1
MON15985	MON-15985-7	approved			1
MON531	MON-00531-6	approved			1
MON88913	MON-88913-8	approved			1
T304-40	BCS-GH004-7	approved			1
DAS-81910-7	DAS-81910-7	withdrawn	0.1%	feed	2
MON88701	MON-88701-3	withdrawn	0.1%	feed	2

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

(1): A request for renewal of the authorisation was submitted on time. In accordance with Article 11(4) of Regulation (EC) No 1829/2003, the expired authorisation remains valid until a decision on its renewal has been taken.

(2): The GM event currently meets the requirements of Regulation (EC) No. 619/2011 (see chapter "GMOs covered by EU Regulation 619/2011")

Genetically Modified Sugar Beet

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
H7-1	KM-ØØØH71-4	approved			
KWS20-1	KB-KWS2Ø1-6	pending	0.1%	feed	1

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

(1): The GM event currently meets the requirements of Regulation (EC) No. 619/2011 (see chapter "GMOs covered by EU Regulation 619/2011")

Genetically Modified Rice

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
LLRICE62	ACS-OSØØ2-5	withdrawn			

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

Genetically Modified Potato

GMO Event	OECD Identifier	EU Approval Status	Tolerance (If Applicable)	Tolerance Refers To	Note
EH 92-527-1	BPS-25271-9	expired			
AM04-1020	BPS-A1Ø2Ø-5	withdrawn			
AV43-6-G7	AVE-436G7-1	withdrawn			

Note: This overview does not reflect the different limitations of approvals (e.g. for use in food or feed), line-specific approvals or stacked events.

GMOs covered by EU Regulation 619/2011

EU Regulation 619/2011 concerns GMOs for which an EU authorisation procedure is pending or the authorisation of which has expired. If such a GMO meets the following requirements, it may be tolerated in animal feed up to a threshold of 0.1%:

- The GMO is authorised for commercialisation in a third country.
- A valid application has been submitted under Article 17 of Regulation (EC) No 1829/2003, and the authorisation procedure has been pending for more than three months.
- EFSA has not identified any adverse effects on health or the environment.
- A validated quantitative detection method has been published by the European Union.
- Certified reference material must be available to Member States and any third party.

We carefully review the GMO data provided in this customer information and cross-reference it with reliable official sources. However, as not all online data is updated daily, discrepancies may occur. While we strive for accuracy, we cannot guarantee the completeness of the information. Please do not hesitate to contact us if you have any specific questions.

References

- Forum Bio- und Gentechnologie e.V. – Verein zur Förderung der gesellschaftlichen Diskussionskultur e.V.: www.transgen.de [in German]
- European Union Reference Laboratory for Genetically Modified Food and Feed (EURL GMFF): <https://gmo-crl.jrc.ec.europa.eu/method-validations>
- EUGenius (EUropean GMO INitiative for a Unified Database System): <https://www.euginius.eu/>
- American Oil Chemists' Society (AOCS) <https://www.aocs.org/>
- European Commission: <https://webgate.ec.europa.eu/dyna2/gmregister/>
- European Commission's Joint Research Centre (JRC): <https://crm.jrc.ec.europa.eu/>
- Regulation (EC) No 1829/2003 of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed Regulation (EC) No 1830/2003 of the European Parliament and of the Council of 22 September 2003 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC
- Commission Regulation (EU) No 619/2011 of 24 June 2011 laying down the methods of sampling and analysis for the official control of feed as regards presence of genetically modified material for which an authorization procedure is pending or the authorisation of which has expired