

MON 87705

Soybean with increased monounsaturated fat
and reduced polyunsaturated fat

Key facts



Bayer Agriculture BV¹
July 2026

¹ Hereafter referred to as 'Bayer'.

What is MON 87705?

MON 87705 is a genetically modified soybean developed to produce an adapted seed fatty acid profile, with increased oleic acid and reduced linoleic and saturated fatty acids, thereby enhancing the suitability of soybean oil for food and industrial uses. The intended fatty acid phenotype is achieved through RNAi-based suppression of the endogenous soybean *FATB* and *FAD2* genes. MON 87705 also contains the *cp4 epsps* coding sequence derived from *Agrobacterium* sp. strain CP4, encoding the CP4 EPSPS protein that is expressed throughout the plant conferring tolerance to glyphosate, the active ingredient in the Roundup® family of agricultural herbicides.

Global regulatory status of MON 87705

Numerous regulatory agencies globally granted regulatory approvals for cultivation and/or import for food and/or feed uses of MON 87705².

Regulatory status of MON 87705 in the EU

MON 87705 is authorised³ for

- (1) foods and food ingredients containing, consisting of or produced from genetically modified soybean MON-87705-6;
- (2) feed containing, consisting of or produced from genetically modified soybean MON-87705-6;
- (3) products containing or consisting of genetically modified soybean MON-87705-6 for uses other than those provided for in points (1) and (2), with the exception of cultivation.

Traceability, labelling, unique identifier

Operators handling or using MON 87705 and derived foods and feeds in the EU are required to be aware of the legal obligations regarding traceability and labelling of these products, laid down in Regulations (EC) No 1829/2003 and 1830/2003. In accordance with the product-specific labelling requirements for MON 87705, labels must include the words “with increased monounsaturated fat and reduced polyunsaturated fat”. The unique identifier for this product is MON-87705-6.

A MON 87705-specific PCR-based detection method allowing the identification and quantification of MON 87705 was provided to the Joint Research Centre (JRC), acting as the European Union Reference Laboratory (EURL)⁴. The validated method and validation report for MON 87705, prepared by the EURL in collaboration with the

European Network of GMO Laboratories (ENGL), are published on the EURL website⁵.

Food, feed and environmental safety of MON 87705

In its 2026 opinion, the EFSA GMO panel concluded that “*there is no evidence in renewal application GMFF-2023-21236 for new hazards, modified exposure or scientific uncertainties that would change the conclusions of the original risk assessment on soybean MON 87705*”⁶.

Contact point for further information

Since traders may commingle MON 87705 with other commercial soybean, including authorised GM soybean, Bayer is working together with other members of the plant biotechnology industry within CropLife Europe and trade associations representing the relevant operators in order to implement a harmonised monitoring methodology.

Operators in the food and feed supply chain and/or any other person wishing to report a potential adverse effect associated with the use of Bayer products, can refer to the CropLife Europe website at:

<https://croplifeeurope.eu/product-information/>

If required, additional comments or questions relative to MON 87705 can also be addressed to Bayer at:

<https://www.cropscience.bayer.com/en/support/contact-us>

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² CLI - <http://www.biotradestatus.com/results.cfm?CFID=9245841&CFTOKEN=a821bc7f9386c44d-1CD2D6F2-AB53-D859-FC932F80DABA5FA8> (Accessed on 30 June 2026)

³ EU register of GM food and feed - <https://ec.europa.eu/food/food-feed-portal/screen/gmo/search> (Accessed on 1 July 2026)

⁴ Previously referred to as Community Reference Laboratory (CRL)

⁵ EURL - <http://gmo-crl.jrc.ec.europa.eu/StatusOfDossiers.aspx> (Accessed on 30 June 2026)

⁶ EFSA - <https://doi.org/10.2903/j.efsa.2026.9846> (Accessed on 30 June 2026)