



This is provisional English translation of an excerpt from the original full report.

Safety Assessment Report

Mustard RF3 line tolerant of glufosinate herbicide and fertility restorative (Genetically Modified Foods and Feeds)

Food Safety Commission of Japan (FSCJ)
August 2021

ABSTRACT

FSCJ conducted a safety assessment of “Mustard RF3 line tolerant of glufosinate herbicide and fertility restorative”, based on the documents submitted by the applicant.

Mustard RF3 line is the hybrid stack generated by conventional breeding of “Oilseed rape tolerant of glufosinate herbicide and fertility restorative” with mustard. FSCJ has already completed the safety assessment of “Oilseed rape tolerant of glufosinate herbicide and fertility restorative”, and concluded that the line has no concern relevant to human health.

Oilseed (*Brassica napus* (L.)), which is the host of “Oilseed rape tolerant of glufosinate herbicide and fertility restorative”, and mustard (*Brassica juncea* (L.)) belong to the same Brassica, but are classified into distinct species.

Since “Mustard RF3 line tolerant of glufosinate herbicide and fertility restorative” is the hybrids from the cross within the taxonomic tree (at the taxonomic ranks below the subspecies) designated by Stance on the Safety Assessment of GM Plants Generated through Cross-Breeding (Decision of Commission dated 29 January 2004), FSCJ conducted the safety assessment based on Standards for the Safety Assessment of Genetically Modified Foods (Seed Plants) (Decision of Commission dated 29 January 2004). Consequently, FSCJ concluded that the assessed item has no concern relevant to human health.