



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

Safety Assessment Report

Hybrid stacks of J101 alfalfa tolerant to glyphosate herbicides×KK179 Alfalfa with a low lignin content

(Genetically Modified Foods and Feeds)

Food Safety Commission of Japan (FSCJ)
October 2015

ABSTRACT

FSCJ conducted a safety assessment of a hybrid stack of alfalfa generated by conventional breeding of J101 line¹ and KK179 line² based on the documents submitted by the applicant.

The hybrid stack was generated by conventional breeding of a line with tolerance to herbicides and a line with a low lignin content. The FSCJ safety assessment of the parental lines of this hybrid is already conducted to have no concern relevant to human health.

This hybrid stack is produced through traditional breeding of lines possessing a phenotype tolerant to a specific herbicide with the phenotype altering contents of a specific component. This hybrid stack falls under the “Stance to the Safety Assessment of Genetically Modified Plant Hybrids”³, and FSCJ conducted the assessment based on the “Standards for the Safety Assessment of Genetically Modified Foods (Seed Plants)”⁴.

Consequently, FSCJ concluded that hybrid stack of J101 line x KK179 line has no concern relevant to human health.

¹ Alfalfa tolerant of glyphosate herbicide.

² Alfalfa with a low lignin content.

³ Decision of Commission dated 29 January 2004.

⁴ Decision of Commission dated 29 January 2004.