

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

Risk Assessment Report Cotton line 3006 (Genetically modified food)

Food Safety Commission of Japan (FSCJ)
August 2005

Abstract

I. Background

On the basis of the Food Safety Basic Law (related documents received on August 1, 2003), the Ministry of Health, Labour and Welfare requested that the Food Safety Commission of Japan(FSCJ) conduct a risk assessment of the genetically modified cotton line 3006 (hereinafter referred to as “cotton line 3006”).

II. Overview of the investigational food

Name: Cotton line 3006

Property: Lepidoptera-resistant, glufosinate herbicide-tolerant

Applicant: Dow Chemical Japan Ltd.

Manufacturer: Mycogen Seeds/Dow AgroSciences, LLC

Cotton 3006 is produced by inserting pest (Lepidoptera)-resistant *cryIAc* gene (Bt gene) and herbicide glufosinate-tolerant modified *pat* gene into the cotton genome.

Cotton line 3006 is highly resistant to the larvae of cotton ball worms, tobacco bad worms and pink ball worms, the Lepidoptera cotton pests, and unaffected by the herbicide, glufosinate.

III. Results of the Risk Assessment

The results of the risk assessment conducted in the light of the “Safety Assessment Criteria for Genetically Modified Food (Seed Plant)” lead to the conclusion that there is no concern about health hazards in humans caused by the consumption of the genetically modified cotton line 3006.