

**Safety Assessment of Genetically Modified Food:
Soybean line MON89788 tolerant to the herbicide glyphosate**

October 2007
Food Safety Commission

Summary

I. Introduction

The Food Safety Commission received a request from the Ministry of Agriculture, Forestry and Fisheries in accordance with the Food Safety Basic Law to provide its opinion on the assessment of the effect of food on health related to an ascertainment of the safety of feedstuffs derived from the genetically modified soybean line MON89788 tolerant to the herbicide glyphosate.

II. Outline of the foodstuff to be assessed

Name:	Soybean line MON89788 tolerant to the herbicide glyphosate
Properties:	Glyphosate-tolerance
Applicant:	Monsanto Japan Limited
Developer:	Monsanto Company (USA)

Soybean line MON89788 tolerant to the herbicide glyphosate is a soybean into which a modified *cp4 epsps* gene that expresses a modified CP4 EPSPS protein possessing tolerance to the herbicide glyphosate was introduced. It is maintained that by expressing the modified CP4 EPSPS protein this genetically modified soybean can grow without being affected by the herbicide glyphosate, even if sprayed with that herbicide.

III. Results of the assessment of the effect of food on health

Based on the results of an investigation conducted in accordance with the Approach to the Safety Assessment of Genetically Modified Feedstuffs and Feed Additives (May 6, 2004 Decision of the Food Safety Commission), it was deemed that there is no need for another assessment of the effect of food on health for soybean line MON89788 tolerant to the herbicide glyphosate and that there are no safety problems with livestock products related to the consumption of said feedstuff by livestock.