

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

September 2007
Food Safety Commission

Summary

I. Introduction

The Food Safety Commission received a request from the Ministry of Health, Labour, and Welfare 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 investigation of the safety of foods derived from the genetically modified soybean line MON89788 tolerant to the herbicide glyphosate.

II. Outline of the food 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 was produced by introducing a modified *cp4 epsps* gene derived from *Agrobacterium* sp. CP4 strain. It is maintained that MON89788 can grow without being affected by the herbicide glyphosate.

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

Based on the result of the safety assessment conducted in accordance with the Standards for the Safety Assessment of Genetically Modified Foods (Seed Plants), it was deemed that soybean line MON89788 tolerant to the herbicide glyphosate poses no risk to human health.