

## submissions

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**From:** standards.management@foodstandards.gov.au  
**Sent:** Tuesday, 16 July 2013 11:42 AM  
**To:** standards management  
**Subject:** FSANZ: Applications and Submissions - Submission [SEC=INCONFIDENCE]  
**Attachments:** GMSoyRef.doc

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### **FSANZ: Applications and Submissions - Submission**

Tuesday, 16 July, 2013

- 1. Assessment Report Number:** A1081
- 2. Assessment Report Title:** Food derived from Herbicide-tolerant Soybean Event SYHT0H2
- 3. Organisation Name:** Andrew Ford
- 4. Organisation Type:** Individual
- 5. Representing:** My community

**8. Contact Person:** Andrew Ford

**10. Fax:**

**12. Submission Text:** I am writing to express my concern about the introduction of foods containing GM soybean products into the Australian food supply. Genetically modified foods have never been proven to be safe for human consumption in any long term study. This is a fact and not simply my opinion. The following scientific studies support this claim. "Mice fed GM soy showed disturbed liver, pancreas and testes function. The researchers found abnormally formed cell nuclei and nucleoli in liver cells, which indicates increased metabolism and potentially altered patterns of gene expression." "Mice fed GM soy over their lifetime (24 months) showed more acute signs of ageing in the liver than the control group fed non-GM soy." References attached in file. You'll notice that the author of the Safety Assessment document in the application has chosen their words very carefully. For example they have written: "Soybean derived products have a range of food and feed as well as industrial uses and have a long history of safe use for both humans and livestock" Notice they use the term "Soybean" NOT "GM Soybean" or "Soybean line SYHT0H2". Of course soybeans are safe to eat, but GM soybeans have never been proven to be safe, hence the author can't make that claim and instead refers to soybeans in general. The Safety Assessment document is very technical but does not even once mention any long term human testing. This is because there has been none. While the long term effects of

eating GM foods are unknown, exposing the Australian public to this potential health hazard would be reckless and necessary. Please put the health of the Australian public first and do not allow GM soybean products to enter the Australian Food Supply.

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"Mice fed GM soy showed disturbed liver, pancreas and testes function. The researchers found abnormally formed cell nuclei and nucleoli in liver cells, which indicates increased metabolism and potentially altered patterns of gene expression." -

#### References

Malatesta M, Biggiogera M, Manuali E, Rocchi MBL, Baldelli B, Gazzanelli G. Fine structural analyses of pancreatic acinar cell nuclei from mice fed on genetically modified soybean. *European Journal of Histochemistry*. Oct-Dec 2003; 47: 385–388.

Malatesta M, Caporaloni C, Gavaudan S, et al. Ultrastructural morphometrical and immunocytochemical analyses of hepatocyte nuclei from mice fed on genetically modified soybean. *Cell Struct Funct*. Aug 2002; 27(4): 173–180.

Vecchio L, Cisterna B, Malatesta M, Martin TE, Biggiogera M. Ultrastructural analysis of testes from mice fed on genetically modified soybean. *Eur J Histochem*. Oct-Dec 2004; 48(4): 448-454.

"Mice fed GM soy over their lifetime (24 months) showed more acute signs of ageing in the liver than the control group fed non-GM soy." -

#### Reference

Malatesta M, et al. A long-term study on female mice fed on a genetically modified soybean: effects on liver ageing. *Histochem Cell Biol*. 2008; 130: 967–977.