

Coughlan, Christine

From: Peter Volker [REDACTED]
Sent: Monday, 26 June 2017 8:50 AM
To: submissions
Subject: Submission to FSANZ on application A 1139 proposed approval of foods derived from potato lines F 10, J3, WB X 17 and Y5
Attachments: FSANZ submission on A1139.jpg
Categories: chris

Submission To FSANZ Application A 1139

Name of submitter: Peter Volker

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I ask that FSANZ decline the approval of application A1139 - Food from Potato Lines F10, J3, W8, X17 & Y9.

- I strongly object to FSANZ approving application A1139 - Food derived from Potato Lines F10, J3, W8, X17 & Y9. I ask that FSANZ decline the application
- As informed by reliable and well qualified scientists it has become clear to me that there is a severe lack in robust scientific control on safety. Below I quote their concerns and I am grateful to these people that they have made the effort to inform me , a lay person in this regard, that the material used to make this application with FSANZ is severely lacking.
- There is no urgent need to open up for these new potato on the aspect of improved quality since at present there are non-GE potato lines available with such qualities.
- There is no comprehensive data showing evidence of unintended effects of the transgenic potato lines. It makes it mandatory for FSANZ to decline the approval.
- It is necessary for FSANZ to require whole genome sequencing to identify off-target mutations and also essential to ascertain the effects of unintended changes on global patterns of gene function.
- FSANZ must require sequencing using molecular profiling analyses or “omics”-
- In the absence of long term toxicity studies provided FSANZ, cannot give legal approval of A1139
- The APHIS documentation shows that these GE potato lines offer no nutritional advantage, as there are non-GE potato varieties that are naturally low in the desired profiles. This demonstrates that there is no need for approval of the GE potatoes.
- If FSANZ feels driven by a duty to serve the interest of businesses and new technology, it could instead of approving this application now, recommend the use of non-GE potato varieties that have naturally-occurring low levels of compounds responsible for acrylamide production. Awaiting rigorous evidence that might be provided by the industry and that demonstrates the safety of these new lines in due course.
- The FSANZ assessment is compromised with respect to rigorous scientific procedure. These GE potato lines cannot be approved for the human or animal consumption, without the provision of comprehensive information regarding compositional differences to their non-GE counterparts. Compositional analyses are very limited in that they can only assay for known compounds. Any novel compounds would not be detected in such analyses.
- FSANZ must provide evidence of safety for the consumer that -when eaten, potato products from these lines are safe and balanced in respect to nutrients and anti-nutrients. Anti nutrients such as glycoalkaloids can be highly toxic for consumers.
- The afore-mentioned studies have not been carried out and in their absence, there should be no legal approval of the A1139 application.
- Whole or even very small parts of any uncooked (raw) tubers endanger New Zealand's biosecurity. GE potatoes could either potentially be planted without regulation or establish themselves as wild populations.
- Approval will constitute a total disregard for the health of consumers, by denying them their right to know what they are eating. There is no requirement for GE foods sold by fast food and other restaurants to be labelled as

such, so as to inform consumers. This would leave the public in the dark and result in unwilling and unwitting consumption of GE potatoes.

Yours sincerely

P.C. (Peter) Volker

Attached is a signed scan copy of this submission.