

Project Officer Application A1264
Food Standards Australia New Zealand
PO Box 10559
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2 June 2023

Tēnā koe,

A1264 - Food derived from drought-tolerant and herbicide-tolerant soybean line IND-00410-5

Thank you for the opportunity to comment on this application.

New Zealand Food Safety (NZFS) notes that FSANZ has concluded that there is no potential public health and safety concerns have been identified in the safety and risk assessment of the drought-tolerant and herbicide-tolerant soybean line IND-00410-5, and that FSANZ considers that food derived from soybean line IND-00410-5 is as safe for human consumption as food derived from conventional soybean varieties.

While NZFS supports the conclusion drawn by FSANZ, we have a comment concerning the phytic acid level found in the soybean line IND-00410-5. We note that although the mean level of phytic acid (1.67%) found in the soybean line IND-00410-5 falls just within the upper limit of the reference mean range of the commercial non-genetically modified soybean (1.69%), the soybean line IND-00410-5 expresses a range of phytic acid which exceeds the maximum and minimum limits of the publicly available range for phytic acid in soybean. This observation appears to be due to the wider variability in phytic acid production in this soybean line which is not explained by historical levels of variability as noted by FSANZ. While this variability may not have any health consequences, we believe the assessment should devote some additional consideration to the variability in the phytic acid content of this soybean line.

Nāku noa, nā

