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**From:** [REDACTED]  
**Sent:** Friday, 11 December 2020 2:33 PM  
**To:** submissions  
**Subject:** Submission on A1193 Irradiation of all fresh fruit and vegetables

**Categories:** [REDACTED]

I am writing to comment on the proposed submission:

- **[A1193 - Irradiation as a phytosanitary measure for all fresh fruit and vegetables:](#)**

to extend the option of phytosanitary irradiation to all types of fresh fruits and vegetables.

Irradiation can cause vitamin and mineral loss in the foods of up to 95%. Fruit and vegetables in our diet are essential to enable us to meet our daily vitamin and mineral requirements.

Irradiation causes the formation of chemical byproducts. One class of these chemicals 2-ACBs have been shown to promote the cancer-development process in rats. Furthermore, animal studies have shown dozens of health problems among which include organ damage, reproductive issues, mutations, stunted growth and immune system disorders. There simply is not enough research to be confident that irradiated food will not cause long term health issues in the population, particularly in children.

We do not know what the effect will be on local environments and communities with the widespread irradiation of fruit and vegetables across the state.

As a Queensland parent with growing children, I find this proposal to irradiate all fruit and vegetables highly concerning and quite frankly extremely risky for our long term health outcomes.

I implore you to reject this variation to the Food Standards Code.

Kind regards

[REDACTED]

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