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**From:** submissions  
**To:** [REDACTED]  
**Subject:** RE: Submission on A1192- Irradiation as a phytosanitary measure for all fresh fruit and vegetables...

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**From:** [REDACTED]  
**Sent:** Wednesday, 16 December 2020 7:50 AM  
**To:** submissions <submissions@foodstandards.gov.au>  
**Subject:** Re: Submission on A1192- Irradiation as a phytosanitary measure for all fresh fruit and vegetables...  
[SEC=OFFICIAL]

To Whom it may concern,

I am writing to you as a concerned parent on the possible approval of the permit for the use of irradiation as a phytosanitary measure for all types of fresh fruit and vegetables.

My family and I only buy fresh fruits and vegetables that are Certified Organic, from our local Organic shop, so that we are not exposed to these sorts of toxins. By approving this permit, myself and my family's health may be at risk. My children already suffer from chemical sensitivities, and I have to be very careful with what they are exposed to. We do not even own a microwave, for this very reason.

Irradiation can cause vitamin and mineral loss in the foods of up to 95%. Fruits 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 is simply not enough research to be confident that irradiated food will not cause long term health issues in the population, particularly in children. I work extremely hard on keeping my children safe and making sure they get the healthiest of foods possible, and that they are not exposed to toxic byproducts. By allowing this to be passed, you are taking that away from my family, especially my children, possibly putting us all in harms way. I implore you to reject this variation to the food standards code.

Kind Regards.

[REDACTED]