

Re: A1193 – Irradiation as a phytosanitary measure for all fresh fruit and vegetables

Submission by

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

I do not support irradiation as a phytosanitary measure for all fresh fruit and vegetables as I do not believe it is proven to be safe and healthy.

Concerns with regards to its effect on the nutritional value of the irradiated food:

- Although some studies have shown it to have no effect on the levels of some vitamins, for example, vitamin C, studies have not been done showing its effect on all vitamins.
- Studies have not been done of the long-term health effects of ingesting irradiated food. Even short-term effects are questionable, for example, in the past cat deaths have been linked to them eating imported irradiated pet food.
- There may be as yet undiscovered phytochemicals that may be adversely affected by irradiation with consequential negative effects on human health.
- Science is becoming more aware of the importance of electromagnetic fields in the healthy functioning of living cells and it is unknown whether the irradiation could affect this with consequential negative effects on human health.
- Irradiation may affect enzyme expression with consequential negative effects on human health.
- Until relevant, reputable and current studies have been done regarding all these points, I do not believe that food for human consumption should be irradiated.

Concerns with regards to the nuclear involvement:

- Irradiation of food is a branch of the nuclear industry. There are unresolved issues that concern me about this such as the safety of the transport, commercial use and disposal of waste radioactive products.