



Fresh
Produce





Fresh Produce

Keeping the fruit and vegetable industry fresh matters.

Steritech's Queensland facility has been an innovation hub for the Australian horticulture industry in recent years. The facility itself was the world's first whole pallet irradiator built for the handling needs of perishable fresh produce and was also the first facility in the world to treat fruit for international export.

Phytosanitary irradiation is an efficient, chemical free alternative to existing export treatments such as Methyl Bromide and cold disinfestation. These treatments have strict temperature requirements that often reduce shelf life and impact eating quality. Phytosanitary Irradiation has a distinct advantage in that it maintains the cold chain's integrity.

Safe, fast and effective, Phytosanitary Irradiation is becoming the preferred and trusted treatment of Australia's trading partners in markets such as USA, New Zealand and Vietnam. The treatment is a simple wave of energy which passes through the packaging and fruit much like an X-ray. It is capable of treating premium packaged products as well as insects found inside the fruit itself. In the past, both of these scenario's would have been otherwise difficult or impossible to treat using established processes.

For high value, highly perishable products such as berries and cherries, the treatment has a notable shelf life and quality advantage when compared to product treated by other means. In a number of trials, Steritech's treatment has also exhibited a shelf life advantage when compared to untreated control samples, where the onset of mould and decay defects was delayed by the sterilising effect of irradiation.

Irradiation enhances the flexibility of Australian growers and exporters to deliver cleaner, fresher fruit faster. Australia has established irradiation protocols to seven markets that include USA, New Zealand, Vietnam, Indonesia, Malaysia, Thailand and Cook Islands. This list continues to grow, as does the list of other major exporting nations that are quickly adopting the same technology.





“Steritech’s ground-breaking chemical and gas free treatment is empowering Australian growers to deliver higher quality fruit to premium markets faster, often within 72hrs of leaving the farm gate. This is a key advantage to maintain and expand Australia’s competitive position.”



Protecting our customers for more than 40 years.

As a proudly Australian, family-owned company, Steritech is committed to **protecting what matters** to our clients by delivering outstanding, personalised service and results-based solutions that exceed expectation.

That’s why we’re the partner of choice within many industries, the most prominent processor in the Asia-Pacific region, and one of the largest worldwide.



STERITECH

Protecting what matters

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