Presentation will focus on

• Multipurpose v Dedicated Irradiation Facility

• In-house v Outsourced

• Video- New X-ray/EB facility
Multipurpose vs Dedicated Irradiation Facility

• What does this mean?

- Multipurpose is a facility that can utilize the irradiation facility for more than one purpose. Such as Sterilisation, decontamination, phytosanitary

- Dedicated is a facility designed for a single product

• Hard to justify a dedicated facility in Australia
  - based on fruit alone

• How do you do this?
Steritech Qld Facility
Fresh Produce: Delivery Loading Dock
Fresh Produce: Loading Docks
Fresh Produce: Product Segregation
Pre-Treatment Cold Room
Fresh Produce: Post Treatment Product Security
Fresh Produce: Despatch Loading Dock
Outsourced vs. In-House

Long standing conversation & debate - Medical Sterilisation

Why Outsourced?

• Justifying the capital costs
• Spread cost across larger volume
• Cost of the facility for the season only
• Crop lost
• Cost of moving the facility
• Staffing
• Maintenance
• Audits
• Regulations – procedures, meeting the standard, documentation
• Moving the facility end of season
• Growers/farmers don’t work well together – competition
• Value add – inspections, labeling, loading – cost spread
Outsourced vs. In-House

Why In-house?

• No need to transport to a facility
• Facility is under growers control (no need to share capacity)
• Treat fruit when packed on farm
the end