The Sustainable Avocado Value Chain

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What is the Sustainable Avocado Value Chain?

- Grower
- Harvest
- Packing
- Transport
- Ripening
- End Market

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## What is Sustainability?

| Reduce Use          | • Product Light weighting  
|                     | • Refill packs  
|                     | • Change formats  
| Recycle             | • Easy Separation of components  
|                     | • "Monomaterials" for entry into post-consumer recycle programmes (e.g. PET, PP, PE)  
|                     | • Secondary use or **re-use** of packaging  
| Recovery            | • Compostable  
|                     | • Recover bio plastics via home or industrial composting  
|                     | • Recover energy via burning e.g. cement kilns  
| Renewable           | • Renewable resourced polymers  
|                     | • Certified Renewable Forestry products  
| Profitable          | • Sustainable process  

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Growing and Harvesting

• Variety, quality, size of fruit determined by consumer preference, market demand and geography
• Understanding domestic and export market opportunities to maintain segment viability
• Foundation of the sustainable avocado value chain
The Packing Process

- Packaging should be fit for purpose
- Containment, protection, branding
- Recyclability of pack
- Determined by understanding end market requirements
Role of Packaging in Transportation

- Containment and protection
- Minimise base sag
- Compression and stacking strength
- Minimise bruising

Image (bottom left): Amcor SureFresh® tray
Export Distribution Chain Considerations

- Transport efficiencies
- Freight optimisation
- Pallet patterns

Export Pallet Configurations

Australian Domestic Configurations
Ie. Amcor iSpek®
Controlled ripening process

- Amcor solutions and technology to suit the ripening process during transport and storage
  - Pack design (fit for purpose)
  - Ventilation patterns
  - LifeSpan® (controlled MAP film)
    - Pallet covers
    - Individual box liner/bag
Reaching the market

• Adaptability of packaging to distribution centres
  – Performance
  – Protection
  – Presentation

• End market requirements
  – Premium fruit presentation
  – Assured quality out turn
Closing the loop
Thank You

We believe in responsible packaging.

We passionately and relentlessly apply art and science to enhance the products people use in everyday life — today and tomorrow.

For further information, please see us at booth 28.