

LifeSpan[®] for Hass Avocado



LifeSpan[®] Modified Atmosphere Packaging (MAP)

LifeSpan[®] box liners are an innovation in post-harvest packaging that extend the storage life of fresh produce. Used commercially for over 15 years, LifeSpan[®] is now an important packaging component for many of the worlds leading fresh produce exporters.

LifeSpan[®] for Hass Avocado

LifeSpan[®] is gaining commercial success in suppressing the ripening and skin colour change of Hass avocados for up to 2 months post harvest when stored at 3°C / 37°F. After removal from LifeSpan[®], there is a full marketing life available before the avocados become over-ripe. The avocados ripen normally, evenly and maintain good texture and flavour whilst ripening.

How it works

LifeSpan[®] MAP Packaging allows the creation of a low oxygen (O₂), high carbon dioxide (CO₂) and, high humidity atmosphere inside a liner.

The oxygen and carbon dioxide permeability of LifeSpan[®] avocado products is specifically designed for the respiration rate of avocado. The modified atmosphere created will significantly reduce the respiration rate of the fruit with the following benefits.

Benefits for Hass Avocado

- Slows the ripening of the avocados when stored between 3°C / 37°F and 6°C / 43°F.

- Maintains green skin colour
- Maintains firmness
- Allows for even colouring of all fruit when removed from LifeSpan[®] box liner
- Suppresses the onset and development of rots
- Provides full marketing life after removal from LifeSpan[®]

Advantages of using LifeSpan[®] for Hass Avocado

LifeSpan[®] box liners offer an alternative to controlled atmosphere shipping containers for international trade and season extension of Hass avocados.

The Modified Atmosphere storage extension effect is initiated almost immediately after packing until the out-turn from LifeSpan[®] at the end of the cold chain used throughout distribution.

Packaging can be implemented on a small or large scale and may be especially advantageous over CA options to meet short notice opportunities for shipments, sales of part CA room quantities or when CA capacity is not readily available. In many cases, users report superior storage extension over CA options.

LifeSpan[®]
Modified Atmosphere Packaging



Contacts

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