

LifeSpan[®] for Lettuce



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 world's leading fresh produce exporters.

LifeSpan[®] for Whole & Cut Lettuce

LifeSpan[®] can be used whenever distribution and storage is through a well managed cool chain. Stored at 0-2°C / 32-36°F, it is possible to hold whole Iceberg lettuce for up to 5 weeks in LifeSpan[®] box liners and still have good commercial quality at out-turn.

For cut lettuce, substantial increase in storage life is possible, but the achievable storage depends on lettuce variety, size of the cut pieces and the methods of processing.

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[®] Lettuce products is specifically designed for the respiration rate of either whole or cut lettuce. The modified atmosphere created will significantly reduce the respiration rate of the lettuce product.

Benefits of LifeSpan[®] with Whole Lettuce

- Extend the post-harvest life of whole lettuce by slowing down the aging processes.
- No loss of moisture or product weight and maintenance of freshness.
- No rots, russetting or discolouration of damaged outer leaves.
- Maintain head firmness.

Benefits of LifeSpan[®] with Cut Lettuce

- Extend the post-harvest life of cut lettuce by slowing down the aging processes.
- No loss of moisture or product weight and maintenance of freshness.
- No cellular exudation from lettuce leaf cut surfaces.
- No cut surface discolouration (pinking).

LifeSpan[®]
Modified Atmosphere Packaging



Contacts

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