

# LifeSpan<sup>®</sup> for Blueberries



## LifeSpan<sup>®</sup> Modified Atmosphere Packaging (MAP)

*LifeSpan<sup>®</sup> box liners are an innovation in post-harvest packaging that extend the storage and marketing life of fresh produce. Used commercially for over 15 years, LifeSpan<sup>®</sup> is a global leader in MAP products and is now an important packaging component for many of the world's leading fresh produce exporters.*

### LifeSpan<sup>®</sup> for Blueberries

LifeSpan<sup>®</sup> is proven to maintain harvest fresh condition of blueberries for up to 2 months post harvest. Commercial applications using LifeSpan<sup>®</sup> products include premium quality storage to extend local marketing seasons and long distance distribution of blueberries.

### How it works

LifeSpan<sup>®</sup> MAP Packaging allows the creation of a low oxygen (O<sub>2</sub>), high carbon dioxide (CO<sub>2</sub>), atmosphere inside a liner. The oxygen and carbon dioxide permeability of the LifeSpan<sup>®</sup> blueberry product is specifically designed for the respiration rate of blueberries. The modified atmosphere created will significantly reduce the respiration rate of the fruit with the following benefits.

### Benefits for Blueberries

- Slows senescence and substantially reduces the incidence of berry breakdown
- Maintains firmness
- Maintains bloom on the berries
- Suppresses the onset and development of botrytis and other rots or moulds

LifeSpan<sup>®</sup> box liners for Blueberries have proven very effective for export shipping, maintaining blueberries in harvest fresh condition while offering greater flexibility and performance over traditional CA containers.

**LifeSpan<sup>®</sup>**  
Modified Atmosphere Packaging



### Contacts

For more information, visit [www.amcor.com/lifespan](http://www.amcor.com/lifespan) or email [lifespan@amcor.com](mailto:lifespan@amcor.com)

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# LifeSpan<sup>®</sup> for Blueberries

## LifeSpan<sup>®</sup> Experience with Blueberries

LifeSpan<sup>®</sup> products have been used to pack blueberries in Australia, Chile, USA, Canada, Argentina and South Africa. Box liners have been used for storage and export creating new market opportunities and extending local marketing seasons for many years.

Now LifeSpan<sup>®</sup> box liners are being used for sea freight exports from the Southern Hemisphere growing regions to Northern Hemisphere markets. Blueberries arrive in excellent condition and with carbon dioxide levels that are controlled to prevent damage to the blueberries whilst suppressing rot growths.

## The LifeSpan<sup>®</sup> Range for Blueberries

LifeSpan<sup>®</sup> box liners maintain blueberries in premium condition, and are fast and simple to pack using the patented clip system. LifeSpan<sup>®</sup> box liners are just as effective when heat sealed.

## LifeSpan<sup>®</sup> Film Technology

LifeSpan<sup>®</sup> uses superior moisture release film technology, minimising berry moisture loss while allowing condensation to breathe through the liner. This maximises berry freshness while minimising condensation related problems common with standard polyethylene films.

## Passive or Active Modification

Creation of Elevated Carbon Dioxide is achieved either by gas flushing or by allowing the on-going respiration of the blueberries to cause a build up of CO<sub>2</sub>. Natural build up will take 10–14 days to reach the final equilibrium level. Gas flushing achieves a similar result as soon as the pallet shroud is flushed. No significant difference in storage performance has been observed between the two different options.



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