

EXOTIC MUSHROOMS

Advanced Modified Atmosphere/
Modified Humidity Packaging Solutions for
Shelf-Life Extension



Xtend[®] Bulk liners for long term storage & shipment

Consumer demand for exotic mushrooms that are rich source of a variety of antioxidants and other nutrients is surging.

The high metabolic activity and respiration rate typically means that many of these mushrooms have a relatively short shelf life and as such, shelf-life extension and preservation of some of these exotic mushrooms are the biggest challenge for meeting their growing demand.

Xtend[®] bulk packaging preserves the quality of mushrooms during storage and shipment to distant destinations. The packaging reduces the risk of microbial decay and slows maturation by maintaining optimal humidity and modified atmosphere conditions.

Available with 30% advanced recycled content!

- ✓ Slows aging
- ✓ Minimizes dehydration and weight loss
- ✓ Reduces risk of microbial decay
- ✓ Slows texture changes & change of color
- ✓ Slows down veil opening & spore release



PROLONG
freshness and
extend shelf-life



EXTEND
your market
reach



REDUCE
supply chain
waste



ENHANCE
consumer
experience



Extending Shelf-Life of Oyster Mushrooms

The challenge

Extend shelf life and preserve quality during storage and shipment to help facilitate market expansion.

The solution

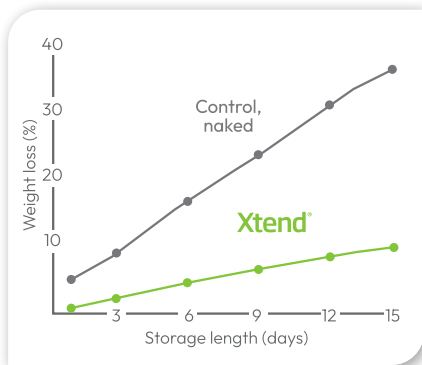
- ✓ Implement StePacPPC’s recommendations for proper postharvest handling of Oyster mushrooms.
- ✓ Use Xtend® packaging with tailor made modified atmosphere and modified humidity properties for maximum shelf-life extension.

THE RESULTS

The high quality of the Oyster mushrooms was well preserved for 15 days at 3°C. Weight loss, shriveling, change of color, spore release and microbial decay were kept to a minimum!

Xtend® Carton Liner
(Optimal O₂, CO₂ & Relative Humidity)

Control
(Naked)



Up to 15 days storage



Significantly less dehydration, & shriveling



Reduced weight loss by ~27% vs. control



Reduced risk of microbial decay



Slows down spore formation and veil opening

Since growing, harvesting, storing and shipping conditions vary widely among growers, regions and cultivars, StePacPPC expressly disclaims any responsibility for the integrity and quality of produce and/or any other contents placed in StePacPPC packages, or for damage thereto.

All products are available for a range of weights in customizable sizes

