

## NatureSeal Product Announcement



### *Semperfresh Coatings for Reduced Plastic Packaging and Food Waste*

Semperfresh is a line of sucrose-ester-based pre and post-harvest treatments for whole produce. Made from edible ingredients, they provide a protective barrier film for fresh fruit and vegetables, preventing water loss, extending shelf life and improving quality. The coatings slow down the respiration and diffusion of carbon dioxide and oxygen of the produce, creating a modified atmosphere inside the fruit tissue which helps in delaying the ripening process. This effectively reduces spoilage and reduces the need for plastic packaging.

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