



FLOZEIN COATINGS FOR AGRICULTURE

FloZein Products is your source for VEGAN, clean label product solutions for fresh produce and proteins

Zein is a non-GMO corn protein which forms a stable, biodegradable, multifunctional, and clean label biopolymer film

VPP (Vegetable Protein Process)

A water-suspendable mixture of FloZein and guar gum, VPP forms an elastic film around food particles, extending shelf-life and providing a nutritive coating.

VPP has many proven uses such as: , in fresh fish processing to inhibit degradation after the catch as well as preservation of appearance and flavor during processing and freezing.

Typical Applications:

- Retains moisture of dried fruits and vegetables
- Protects seed from rotting before germination.
- Inhibits degradation and preserves appearance and flavor in fresh fish during processing and freezing.
- Reduces oil absorption by up to 35% of potatoes and chicken during frying.



Veggie Crisp and Clean

Veggie Crisp & Clean boosts the natural ability of vegetables to stay fresh and crisp 2-3 times longer. Veggie Crisp & Clean protects against 99.9% of bacteria growth, increasing shelf-life. The product is easy to use in the field or factory.

Baby Bibb Lettuce	Spinach	Lettuce	Escarole
Celery	Tomatoes (cut)	Mustard Greens	Iceberg Lettuce
Cucumbers (cut)	Bell Peppers (cut)	Red Leaf Lettuce	Parsley
Green Onions	Cilantro	Spring Salad Mix	Romaine Lettuce
Kale	Endive	Carrots (cut)	Swiss Chard
Radishes	Green Leaf	Collard Greens	

Apple Fresh

Apple Fresh extends the appearance and freshness of fruits and vegetables and prevents dehydration. It inhibits enzymatic browning of apple slices and protects the color and freshness of sliced apples & other fresh fruits and vegetables for up to 21 days.

Apples	Plums	Pears	Nectarines
Broccoli	Avocados	Radishes	Pineapples
Celery	Cantaloupe (cut)	Bananas	
Limes	Eggplant	Cauliflower	
Peaches	Mangos	Honeydew (cut)	

Clean & Core

Clean & Core provides immediate protection of the cut surface of iceberg lettuce and other greens at the time of harvest. The lettuce arrives at the processing plant much fresher and moister with far less pinking, browning, bruising and decaying than with conventional treatments.

Potato Fresh

Potato Fresh is an advanced shelf-life extender based on natural FloZein protein, an edible coating and film that forms a clear, tasteless protective coating on cut potatoes. With Potato Fresh, less oil is absorbed in the deep frying process, giving consumers a healthier food option.

Vegan | Non-allergenic | Gluten, Lactose, Sugar-free | Non-GMO | © Kosher | Made in USA

For Additional Information and Samples

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AGRICULTURE APPLICATIONS

	FloZein	Cozeen	VPP	Potato Fresh	Apple Fresh	Veggie Crisp & Clean	Clean & Core
Harvest & Post-Harvest							
Prevent oxidation & discoloration on potatoes			✓	✓			
Reduce oil absorption when frying potatoes & chicken			✓	✓			
Extend shelf-life of processed pome fruits, tropical fruits, citrus & vegetables	✓				✓		
Extend shelf-life and protect against bacteria growth for raw vegetables	✓				✓	✓	
Prevent oxidation of lettuce, eliminating the need for retrimming			✓			✓	✓
Shine and protection of pome fruit and citrus	✓	✓					
Protection from fungus for citrus	✓	✓					
Delay ripening & control moisture migration in tropical fruit	✓		✓				
Storage							
Protect frozen fruits & vegetables from freezer burn	✓						
Shrinkage control of citrus during storage	✓		✓				
Moisture retention barrier for both fresh and dried fruits and vegetables			✓				
Delay seeds from sprouting and germinating	✓		✓				
Moisture retention barrier for root stock	✓		✓				
Protect silage & hay from rot	✓						

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