



# Parka®

POWERED BY **SureSeal™**  
BIOFILM TECHNOLOGY

# Cuticle Supplement

## Clear Protection Under the Sun

The cuticle is a plant's first line of defense between the environment and the epidermal cells. Lack of an adequate cuticle can negatively impact fruit quality and yields.

By supplementing the natural cuticle of the fruit, Parka protects citrus from damages caused by environmental extremes. Applications of Parka can reduce sunburn, cracking and improve fruit quality.

## What is Parka?

The components of Parka are very similar to the already existing cuticle. Parka is a phospholipid and polysaccharide based product designed to supplement the naturally occurring cutin and waxy-layers of the plant's cuticle.



**ELASTIC**  
Coating flexes & expands with plant & fruit growth.



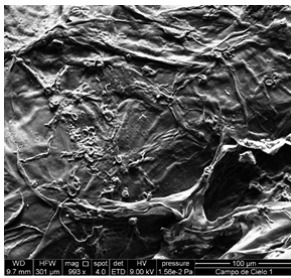
**PERMEABLE**  
Allows continued transpiration & gas exchange. Not an antitranspirant.



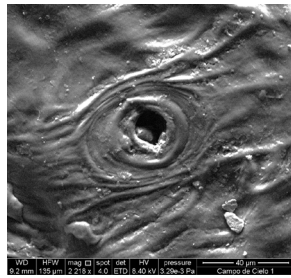
**HYDROPHOBIC**  
Repels water.



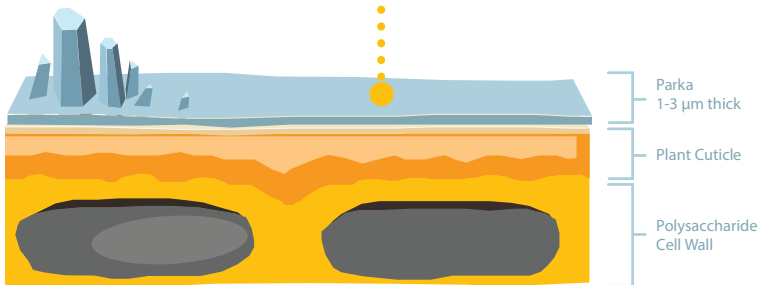
**COMPATIBLE**  
High tank mixing capability



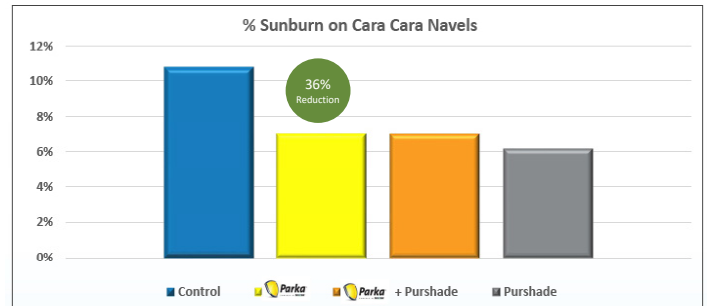
Parka coated fruit cuticle



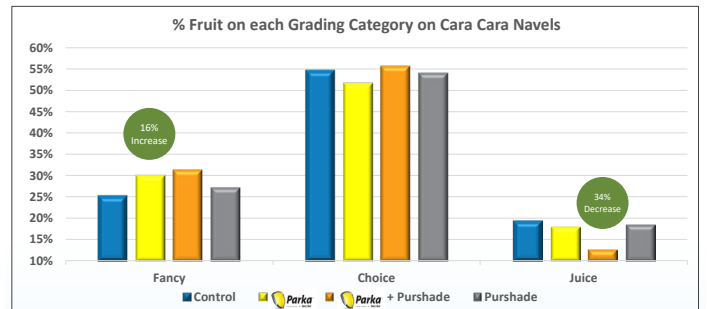
Parka coated leaf cuticle with open stomata



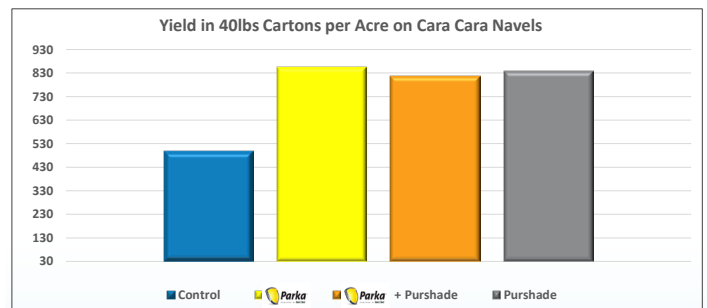
### PARKA TRIAL RESULTS - SUNBURN



### PARKA TRIAL RESULTS - FRUIT QUALITY



### PARKA TRIAL RESULTS - YIELD



Product	Rate	1 <sup>st</sup> Application	2 <sup>nd</sup> Application	3 <sup>rd</sup> Application	4 <sup>th</sup> Application
Parka	1 gal/ac	June 7 <sup>th</sup>	+ 30 days	+ 30 days	-
Parka + Purshade	1 gal/ac + 3 gal/ac	Parka: June 7 <sup>th</sup>	Parka: + 30 days	Purshade: August 2 <sup>nd</sup>	Purshade: September 3 <sup>rd</sup>
Purshade	3 gal/ac	May 24 <sup>th</sup>	+ 14 days	+ 14 days	-

Source: Research For Hire, CA, 2019-20.

#### Parka - Use Recommendation

Best results are obtained with a preventative program. Use 1 gal of Parka in 100 - 200 gal of water per acre to obtain a 0.5 - 1.0% V/V final solution.

- 1) Apply at fruit drop (BBCH 74)
- 2) Apply 30+ days
- 3) Apply 30+ days

Compatible in tank with other products, including GA and calcium. Do not mix with surfactants, stickers of pinolene-based products.



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