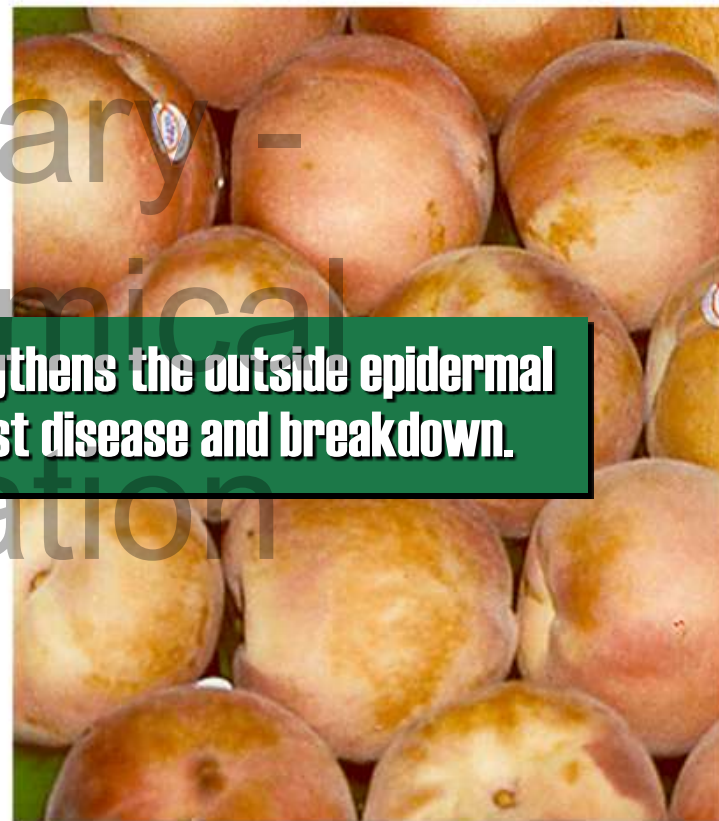


START APPLICATIONS AT
PETAL FALL

Effect of Nutri-Cal on Peach Bruising/Inking

Treated with Nutri-Cal

Untreated



NUTRI-CAL thickens and strengthens the outside epidermal membrane/skin to help resist disease and breakdown.

Effect of **Nutri-Cal** on Staining/Bruising of “White Lady” Peaches

Date	TREATED % Stained/Bruised	CONTROL % Stained/Bruised
July 10th (Day of Harvest)	0%	0%
July 12th (Refrigerated)	20%	48%
July 18th (Refrigerated)	32%	56%

- 5 replicated plots
- Application rate of 1 gallon per acre per application
- Spray dates were April 1, April 26, May 18, June 2

Michael A. Devencenzi, Agricultural Consulting, 2001

Effect of Nutri-Cal on Firmness of “White Lady” Peaches

Date	Parameter	Treated	Control
July 10th (Day of Harvest)	Firmness (psi)		
	Cheek	8.4	7.0
	Tip	11.1	9.7
July 18th (Refrigerated)	Firmness (psi)		
	Cheek	8.6	7.7
	Tip	10.8	9.5

- 5 replicated plots
- Application rate of 1 gallon per acre per application
- Spray dates were April 1, April 26, May 18, June 2

Michael A. Devencenzi, Agricultural Consulting, CA 2001



Effect of Nutri-Cal on Firmness of “White Lady” Peaches

Date	Parameter	Treated	Control
July 10th (Day of Harvest)	Firmness (psi)		
	Cheek	8.4	7.0
	Tip	11.1	9.7
July 18th (Refrigerated)	Firmness (psi)		
	Cheek	8.6	7.7
	Tip	10.8	9.5

- 5 replicated plots
- Application rate of 1 gallon per acre per application
- Spray dates were April 1, April 26, May 18, June 2

Michael A. Devencenzi, Agricultural Consulting, CA 2001

Effect of **Nutri-Cal** on Firmness of “Sweet September” Peaches

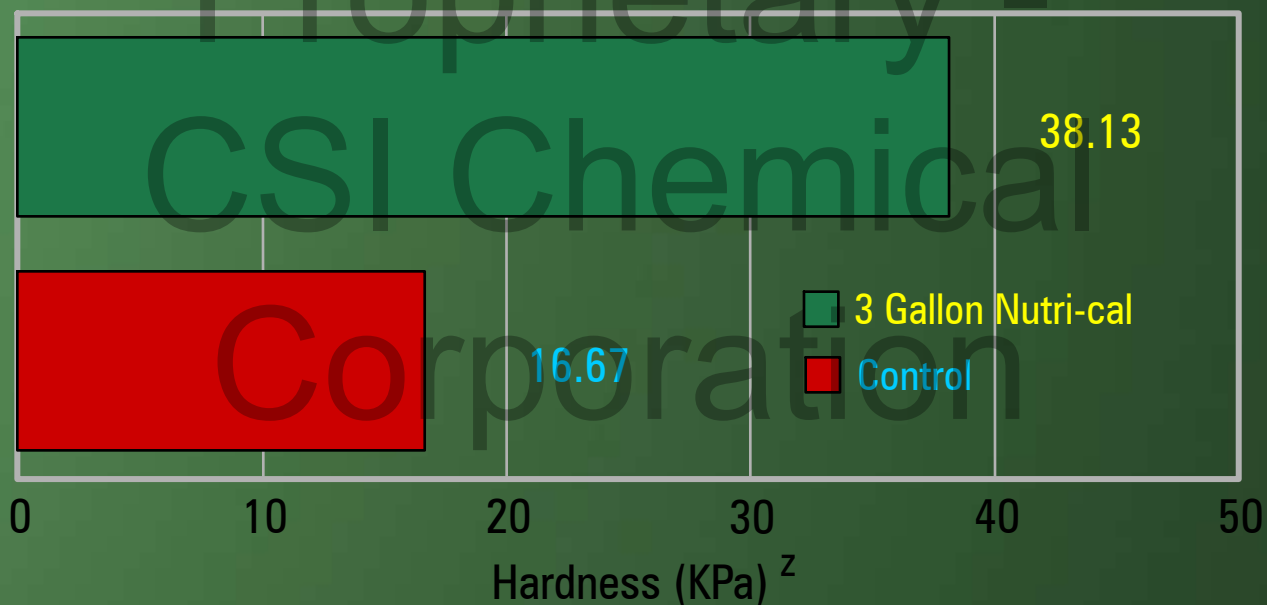
Date	Parameter	Treated	Control
Sept. 17th (One Week After Harvest)	Firmness (psi)		
	Cheek	11.6	10.6
	Tip	13.0	12.2

- 5 replicated plots
- Application rate of 1 gallon per acre per application
- Spray dates were April 1, April 26, May 18, June 2

Michael A. Devencenzi, Agricultural Consulting, 2001

Firmness Analysis of Nutri-Cal Treated Cresthaven Peaches

One Week After Harvest



Schaffner, D.W. and Hopfinger, J.A. 1990
Abstracts 1990 IFT Annual Meeting) RUTGERS UNIVERSITY.

Nutri-Cal Applied to May Grand Nectarine (1994)

Date	Parameter	Treated	Control
June 15 (after 2 weeks storage)	Firmness (lbf)		
	Cheek	5.6	3.9
	Tip	4.4	3.0

- Kingsburg, California Grower Field Trial
- Tested by Carlos Christoso, Kearney Research Station

Foliar Nutri-Cal Trials on Peaches & Nectarines

Cultivar	Treatment	Fruit Pressure (lbs)
'Flordaking'	Control	9.95
	Nutri-Cal	11.37
'Redskin'	Control	16.63
	Nutri-Cal	18.62

- Six applications @ 2 qts.

Gerard Krewer, Extension Horticulturalist - Fruit Crops, Tifton, Georgia (1992)

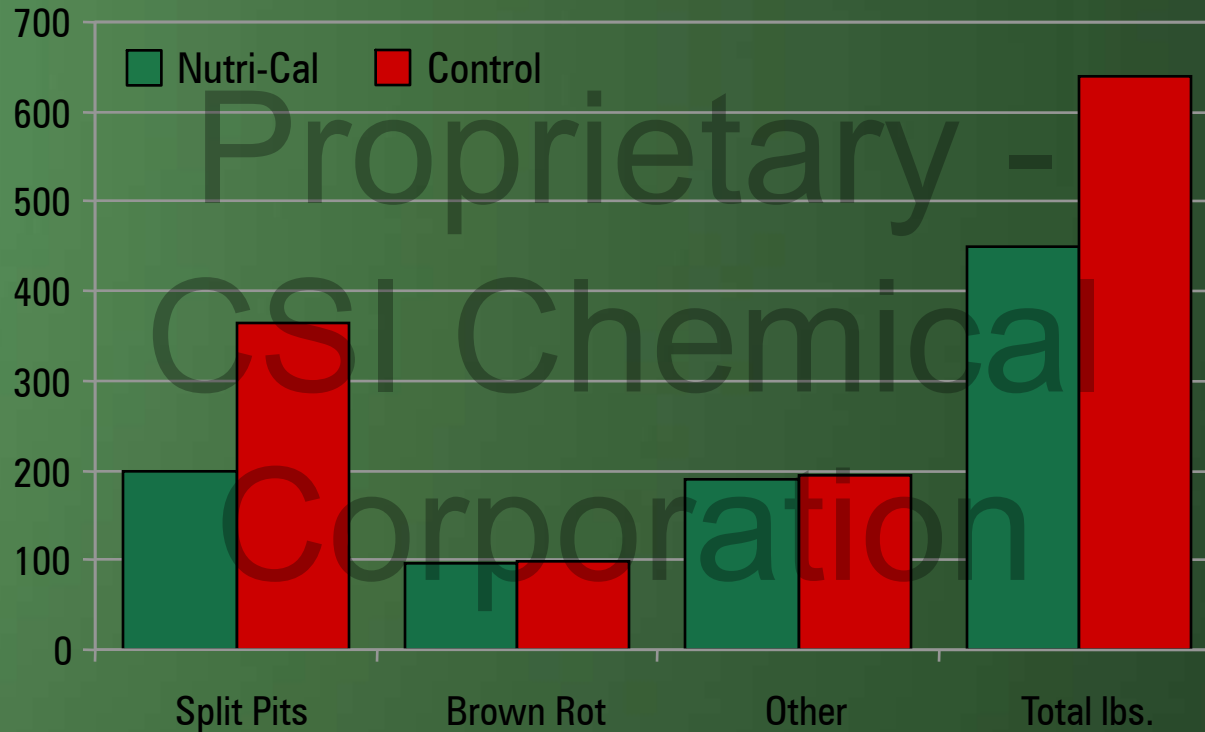
Effect of Nutri-Cal on Quality Attributes of Peach Fruit

Weeks	Portion	% Calcium Content		Mature Ripe Firmness (psi)	
		Nutri-Cal	Control	Nutri-Cal	Control
1	exo	5.3	4.8	11.0	10.9
	meso	3.1	2.6		
	endo	3.4	3.1		
3	exo	5.6	3.3	11.0	10.4
	meso	2.9	2.2		
	endo	5.0	2.5		
5	exo	4.8	2.6	10.7	10.0
	meso	3.3	2.6		
	endo	3.7	2.0		
7	exo	4.9	2.5	10.3	9.6
	meso	3.8	2.3		
	endo	4.2	3.6		

1 Gal/Acre per application times 3 applications starting at bloom.

Fouad Basiouny, Dept. of Ag Services, Tuskegee University, 1993

Defects Found on Ground After Field Sorting



Peaches were sprayed 6 times @ 2 quarts per application

Bear Creek Orchards, 1998

Nutri-Cal Effects on 'Tomcot' Apricots

Treatment	Mass (g)	Diameter (mm)	Firmness by Durofel (relative units)	%Soluble solids	% Ca
Untreated	61.0	44.8	50.0	13.3	28.4
Nutri-Cal	67.5	46.4	75.0	13.8	34.5

5 treatments (2 qt/100 gal, @100 gallon/acre) 2 treatments (3 qt/100 gal, @100 gallon/acre)
(Applied March 30 - May 2)

University of California Davis, 1998, Steve Southwick

Nutri-Cal Effects on 'Patterson' Apricots

Treatment	Mass (g)	Diameter (mm)	Firmness by Durofel - (relative units)	%Soluble solids
Untreated	43.4	39.2	58.9	13.4
Nutri-Cal	45.9	40.2	70.3	13.7

4 treatments (4 qt/100 gal, @100 gallon/acre) Applied April 12, 19, 27 and May 3

University of California Davis, 1999, Steve Southwick