

# 2018 Mariani Nut Leonardite Trial

## Protocol and Application Schedule

CCF CCF18752  
**Grower:** Mariani Nut  
**Field ID:** "tomato"  
**Crop:** Almond  
**PCA:** Jim Pingrey  
**Plot size:** strip trial - 16 acres  
**Tree Spacing:** 16'x22'  
**Irrigation:** Double Line, surface tape.

Date	Activity	Temp	RH	Wind	Crop Stage/other comment
12/8/2017	applied leonardite @ 500 lbs/ac				
8/24/2018	CCFS Research crew sampled 6 trees per treatment with the Diggler and took samples for quality analysis.				

### Leonardite Treatment

App Date	Program	Plot	Method	Product & Rate	Mix	Comments
12/8/2017	Tep Leonardite	1	banded	TEP Leonardite @ 500 lb/ac	Treated 16 acres	banded on drip line

### Yield-2018

Plot	Sample WT (gross)	WT x .22 (for meat lbs)	meat lbs/acre (.048 ac or 6 trees)	change	increased value (\$2.75/ lb)	ROI acre
Leonardite	221.0	48.6	1012.9	+8.3%	\$211.75	\$99.75
Control	204.0	44.9	935.0	control	control	control

=return from Leonardite minus \$112 app cost