



AVOCADO

MEXICO, 2020

BAM-FX®

Is a highly unique composition that elicits priming in plants. The technology is formulated to enhance plant growth and development through increased nutrition efficiency, biotic and abiotic stress tolerance and/or improved crop quality traits. Results consistently demonstrate yield, quality, and overall plant vigor increases.



FIELD STUDY OBJECTIVE:

Observe the field results of BAM-FX on Avocados as it relates to yield, quality, overall performance, and ROI.

FIELD STUDY DETAILS AND PROTOCOL:



Measure yield response of BAM-FX at different doses (**5cc/L and 10cc/L**)



analysis was compared in 3 grove sectors, and samples were taken at random in each; **Sector X** (control), **Sector Y** (5cc/l), and **Sector Z** (10cc/l)



ROI assumes BAM-FX cost is **\$50 per gallon**, and growers realize an approximate average of **\$6,260** [1] profit per acre.

Applied as a foliar cover spray.

~60 
GPA



Sector X (Control)



Sector Z (BAM-FX 10cc/L)

SUMMARY OF RESULTS



The response of the applications of BAM-FX showed the best results when applied in vegetative stage at a dose of **10 cc per Liter** (1.3 ounces per gallon)



At 10cc/L, BAM-FX displayed a **16%** yield increase at harvest (kg per tree)



All treated plants displayed enhanced vigor and **improved fruit quality** versus the control sector



Sector Z (10 cc/L) displayed significant enhanced plant vigor and less fruit drop. In sectors with incidence of fungal diseases present, the treated plants displayed less disease symptoms and less infection damage.



16% increase in yield over the control represents an approximate BAM-FX ROI of **33:1**

[1] <https://coststudyfiles.ucdavis.edu/>