



# OM3 – Plant Bananas

Jeff Dickinson – Kennedy FNQ

黑三寶- 香蕉作物

試驗地點: 甘乃迪 昆士蘭-澳洲



# OM3 Plant Bananas

- Supa Start 25 used on all plants – 10L/Ha at planting – late September 2008
- 3 rows left without OM - 3 as a control  
對照組-保留三排無用黑三寶
- Treated - 20L/Ha applied at the 10-11 leaf stage  
實驗組- 每公頃20升應用在10至11葉時期黑三寶
- Treated – 2<sup>nd</sup> application of 10L/Ha OM-3 applied just prior to bunching  
實驗組-第二次使用每公頃10升黑三寶



## Control

對照組

Very open canopy. Poor growth on Followers; trees much paler

非常開放樹間, 旁邊小樹生長



## Treated實驗組

Note difference in canopy/color/size of trees and how much better grown the Followers are!

注意不同點-樹間/顏色/大小 而且吸芽有更好的生長



## Treated 實驗組

Note size of Follower and how good the extension is between the leaves – no sign of choking 注意吸芽的大小和葉子間延展





- Excellent growth of suckers. Note how well they are placed in the soil, indicating good establishment of sound root system 優質的吸芽生長. 發現到他們良好長在土壤中, 指出良好建立起完整的根部系統.

# OM-3 Plant Bananas



Control 對照組



Treated 實驗組



## Control

Selected from largest bunch-27.1KG  
 對照組-挑選最大串-平均27.1kg



## Treated

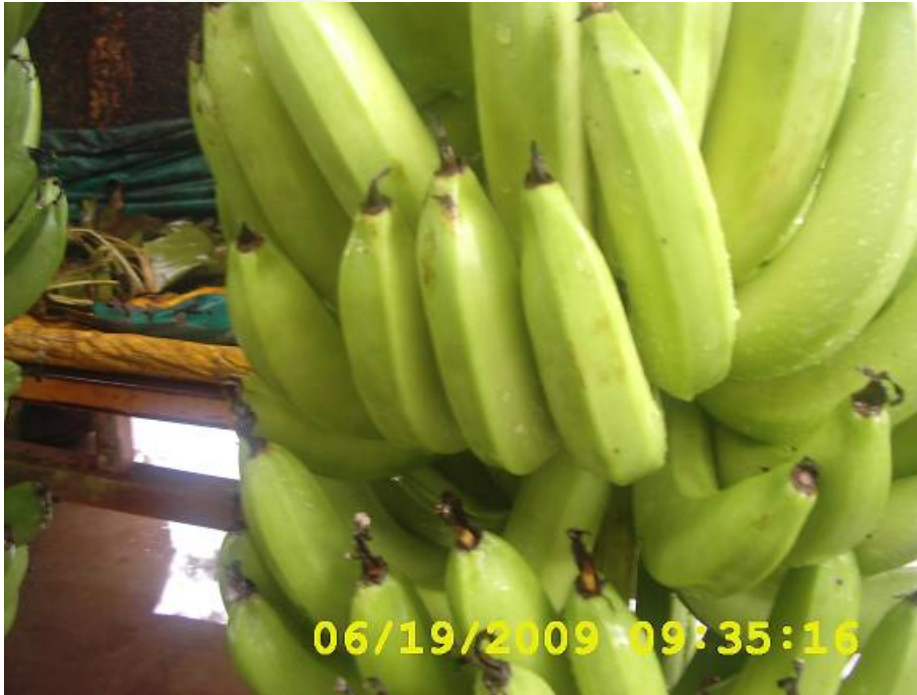
實驗組-隨機挑選-平均32.7kg

bunch weight does not include stalk 串重並無包括柄





# OM-3 Plant Bananas



Control 對照組

Fruit lighter in color and has many blemishes / marks  
果實顏色淡並有多斑

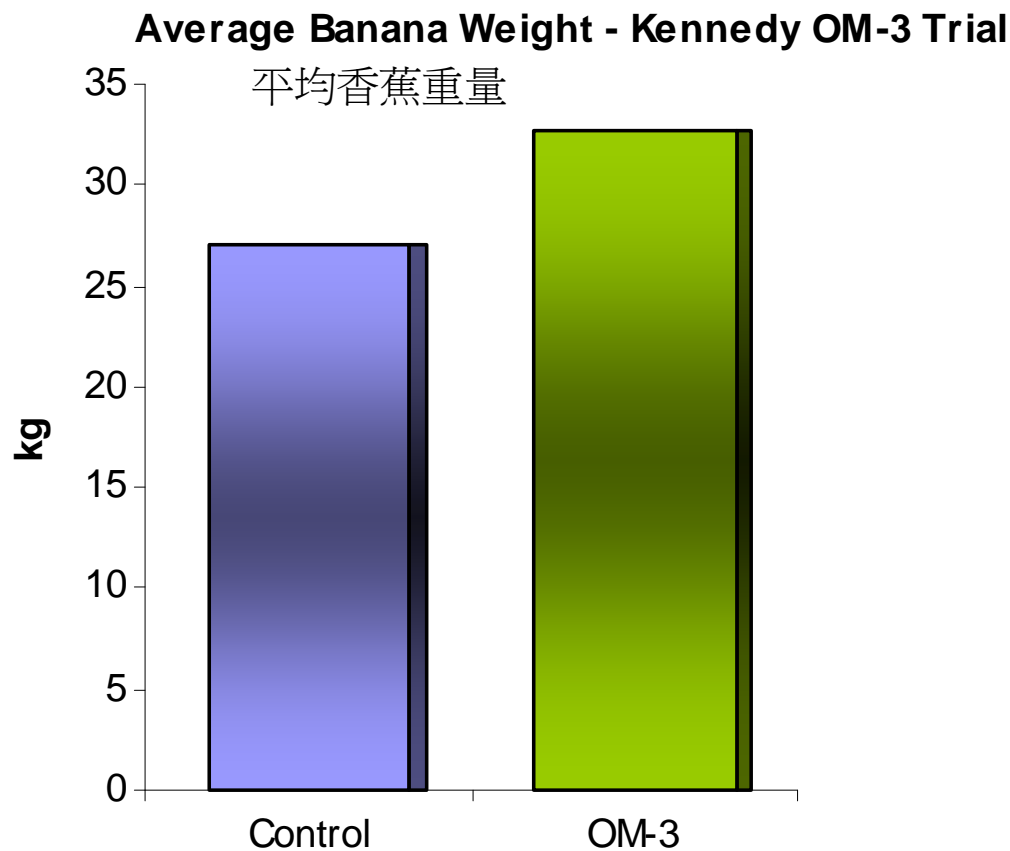


Treated 實驗組

Superior color and skins perfect – no blemishes  
上等顏色和完整色澤-無黑斑

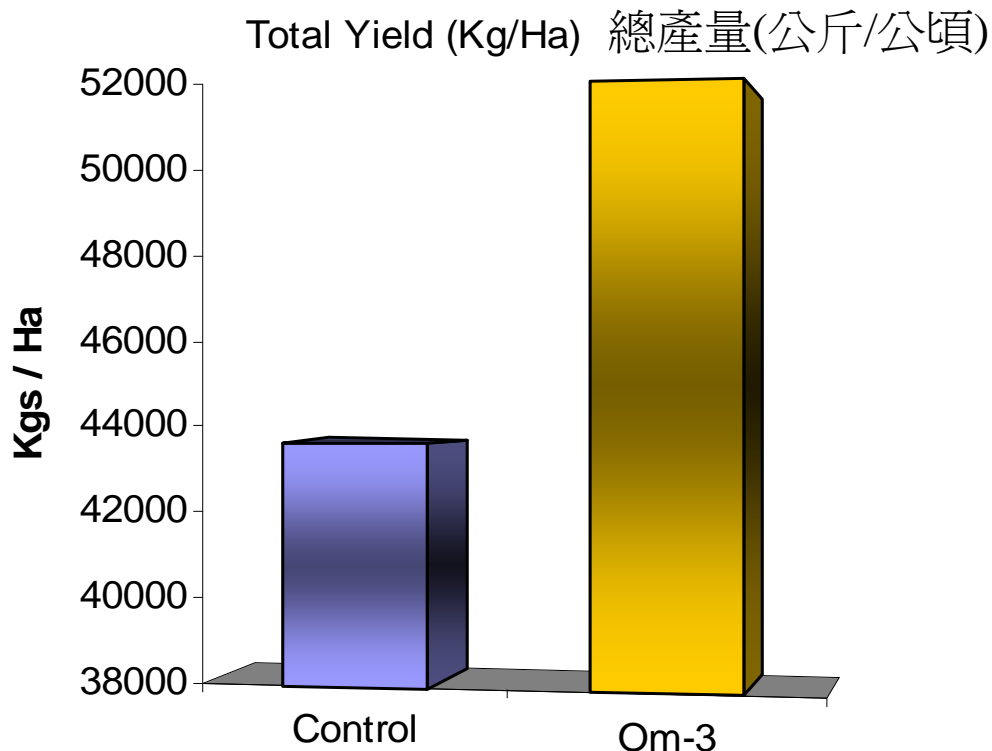


# Plant Bananas – Kennedy FNQ



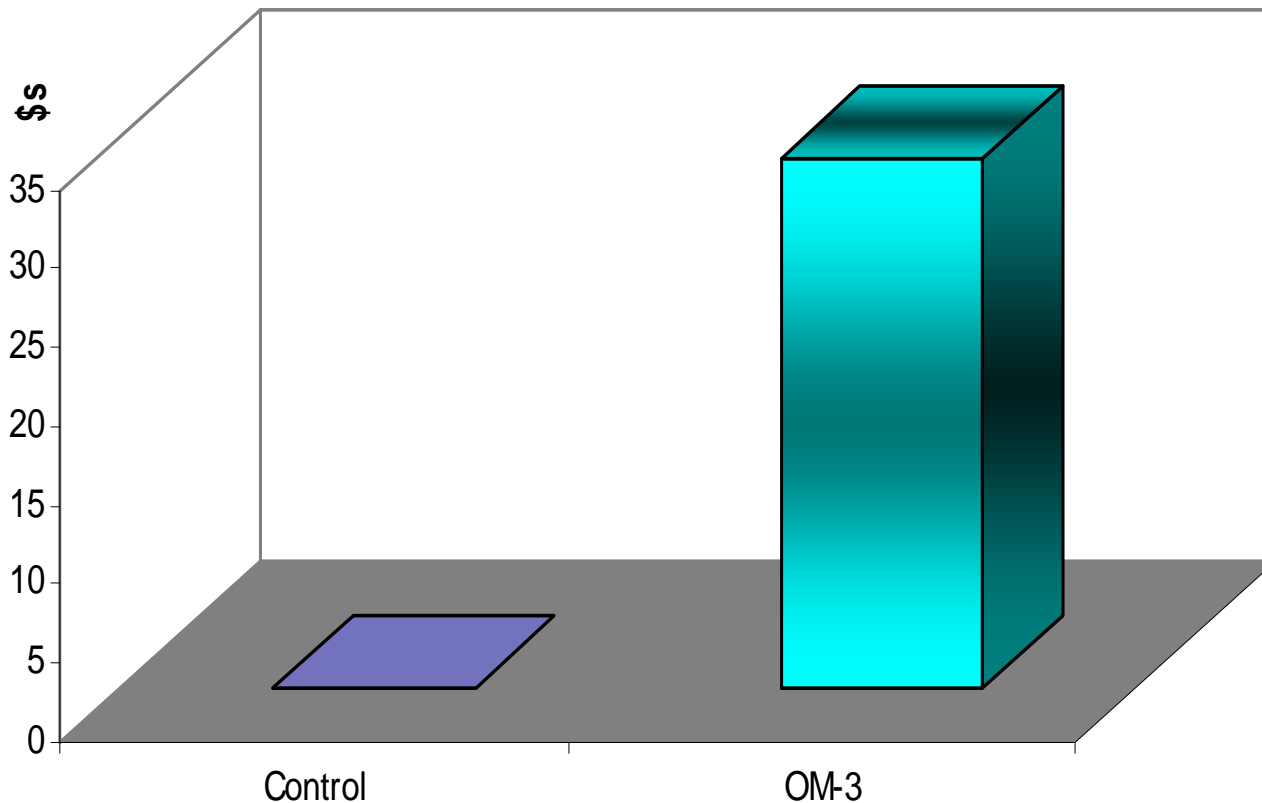
- **\*\*Note\*\*.** Jeff chose the largest bunches in the control.
- **In the treated area, Jeff chose the 1<sup>st</sup> 5 bunches**

# OM-3 In Bananas – Kennedy FNO



- Boxes are 14KG 一箱14公斤
- OM-3 has out-yielded the control by 660 boxes per Ha!  
OM3超過對照組660箱(每頃)

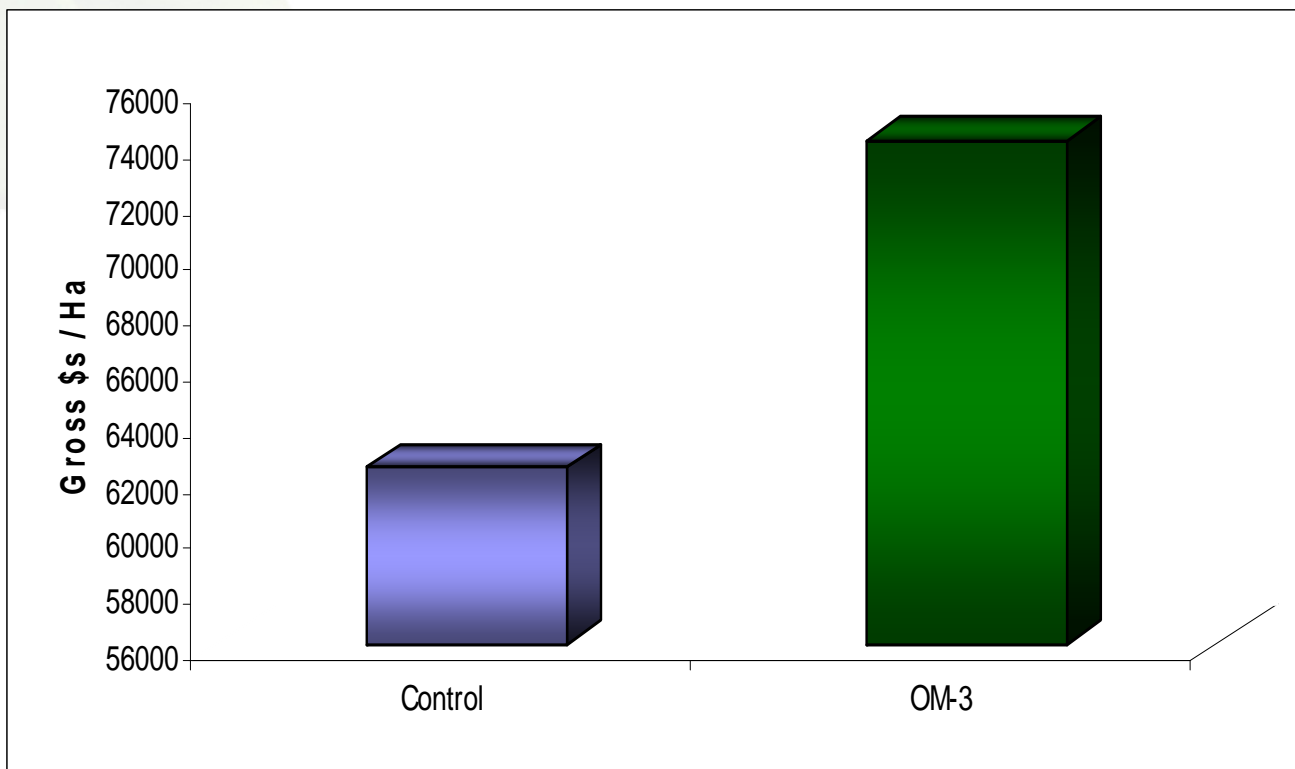
# Return On Investment 投資報酬



- **Cost of 30L/Ha OM-3 Plus Application = +- \$350 / Ha** 成本: 30升(噸) 加上運用.
- **Return On Investment = 33.5:1** 投資報酬
- **\*\*Note\*\*\* - Not factored in. Price of Om-3 fruit 13% better than control due to better quality fruit!** 未包含13%品質提升所帶來的收入

# Bananas – Kennedy FNQ

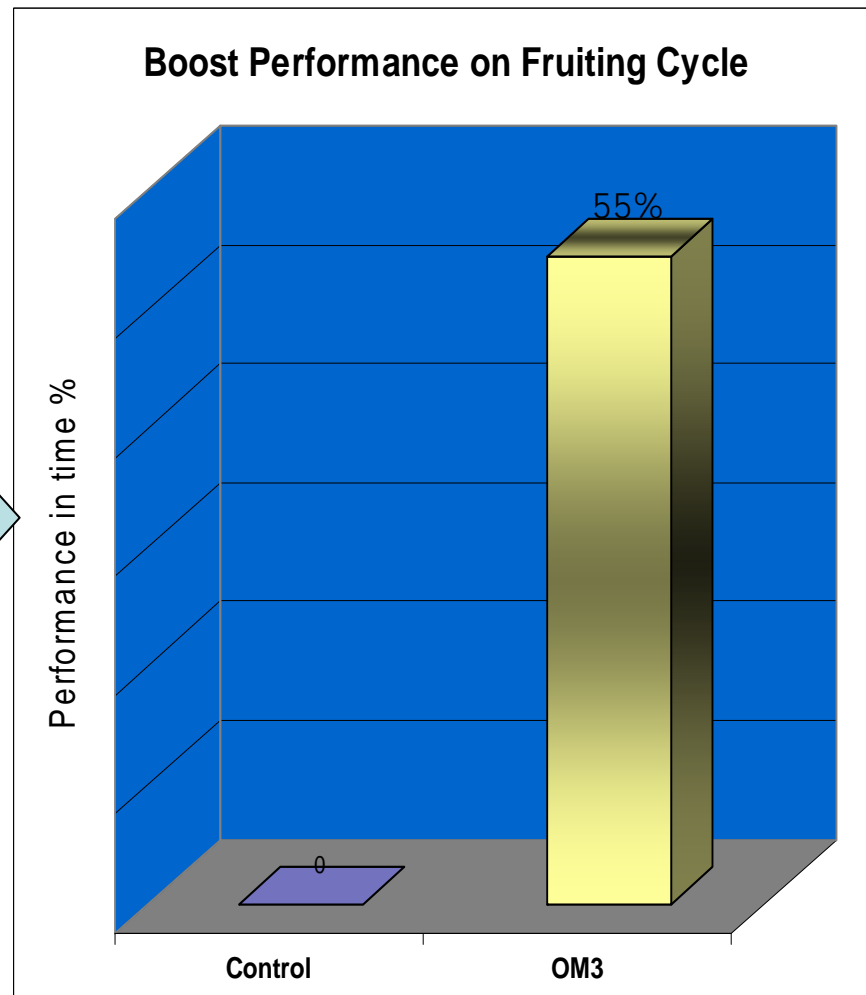
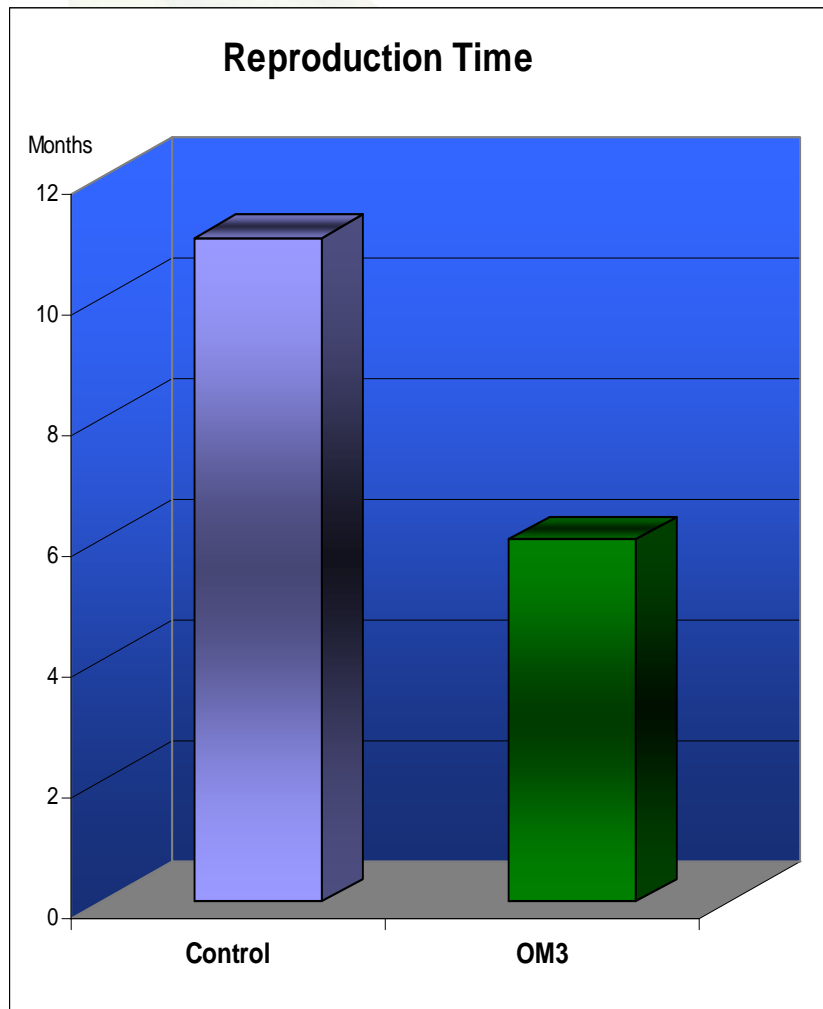
## Gross Income / Ha 總收入(頃)



- Pricing has been worked at \$20 per 14Kg box 價格在20元每14kg箱
- **\*\*Note\*\*\*** - Not factored in. Price of OM-3 fruit 13% better than control due to better quality fruit!未包含13%品質提升所帶來的收入



## 較短成果流程



# Comments / Observations

## 總結和心得

- Return on investment (ROI ): 33.5 Massive!! (3350% Return) 投資報酬:33.5倍
- Better quality means better price (13% more)  
更好品質意指更好價格(13%更多)
- Massive impact on crop turn-around and getting trees back into fruiting cycle quicker!  
其更快的果實循環令人印象深刻!
- Massive yield advantage and significant quality advantage = excellent return on investment!  
大量的產能和明顯品質優勢=優好的投資報酬

