

檸檬產業之高值化商品開發  
Lemon production development

Alba Rosales, Ya-Jing Yang, Pao-Chuan  
Hsieh\* and Yung-Lin Chu\*

艾芭、楊雅淨、謝寶全\*、朱永麟\*

Department of Food Science, National  
Pingtung University of Science and  
Technology

國立屏東科技大學食品科學系



**GOAL**

**解決國產檸檬等柑橘類產品產銷失衡問題，  
提升產業發展**



● **文旦**

- A. 發酵產物
- B. 機能性飲品



● **柳丁**

- A. 香妝用品
- B. 烘焙添加物



● **檸檬**

- A. 去除農業及活性成分分析
- B. 檸檬手部清潔液



## **中文摘要:**

國內南部地區盛產大量檸檬等柑橘類在產季高峰期，經常滯銷，造成價格崩盤，故政府輔導農民將檸檬等柑橘類榨汁產品，而產生大量檸檬等柑橘類果皮廢棄物，因此亟需開發利用食品加工技術提高檸檬等柑橘類果皮之價值，故本計畫將透過多種創新加工技術，找出能保留檸檬皮中活性成分的最佳方法，同時將其開發成一般商品、保養品、手部清潔液、食品器具及農耕商品。此外，本研究產品除了具有天然的檸檬香、在抑菌環試驗中也顯示優良的抑菌能力，顯示本產品未來在健康產業上相當具有市場潛力。藉由本研究成果，預期可以提升檸檬產業附加經濟價值，開拓多條運銷市場，將研發成果將實際應用於產業，促使我檸檬等柑橘類農產業更具競爭力。

## **Abstract:**

Due to the lemon production and the price often get worst recently, we try to utilize lemon peel. Make it as new lemon hygiene hand –washing liquid and other products. In this research, we try to use different processing technology to increase the economic value of lemon and keep people health. Therefore, the good smell with good antibacterial of lemon product will become popular in the health industry. In addition, it can promote lemon industry value by our research product. We expect that our results can make lemon industry more competitiveness in market.

# 解決策略

目標：解決國產農產品產銷失衡問題，提升產業發展

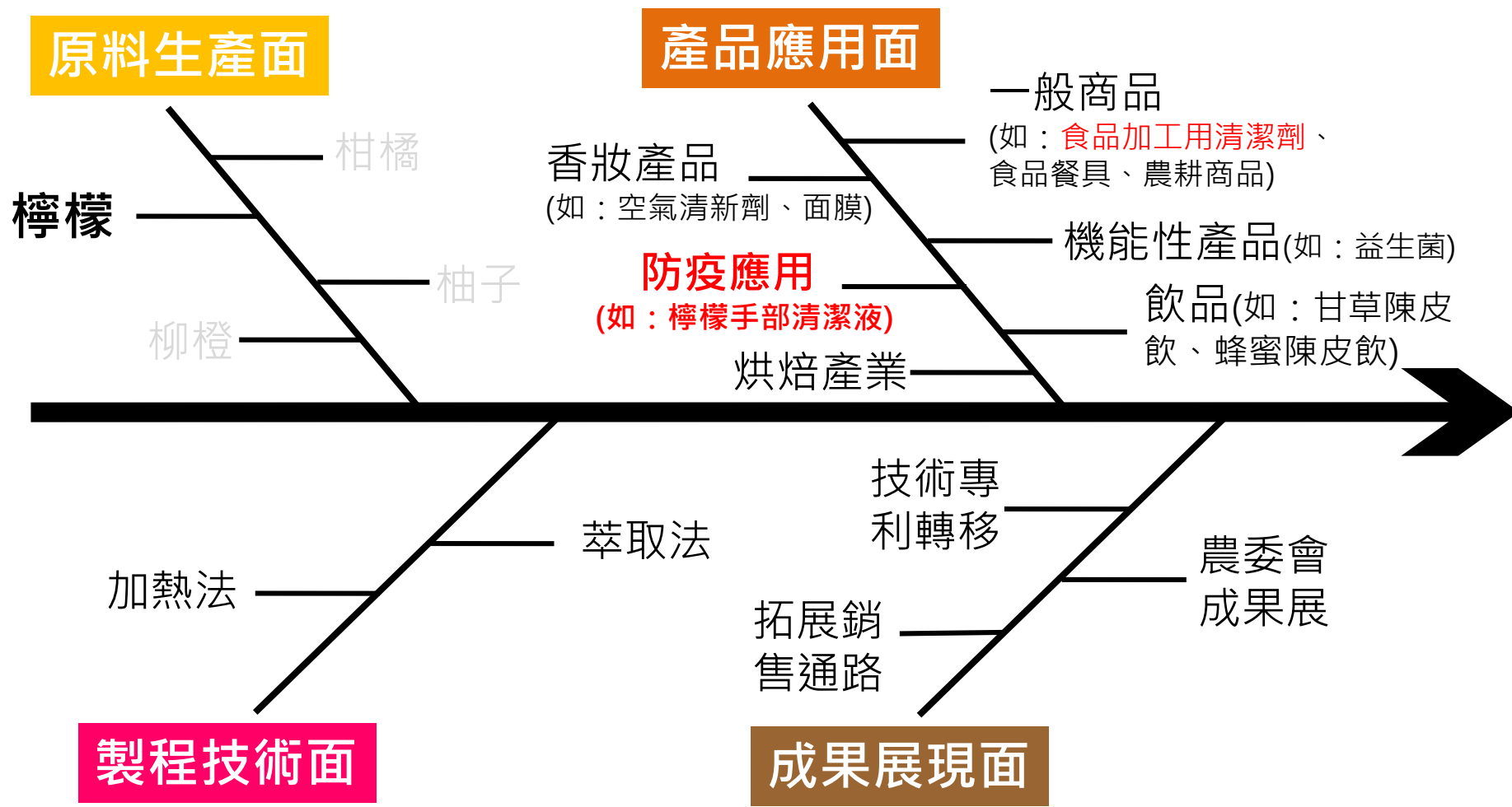




Fig. 1a

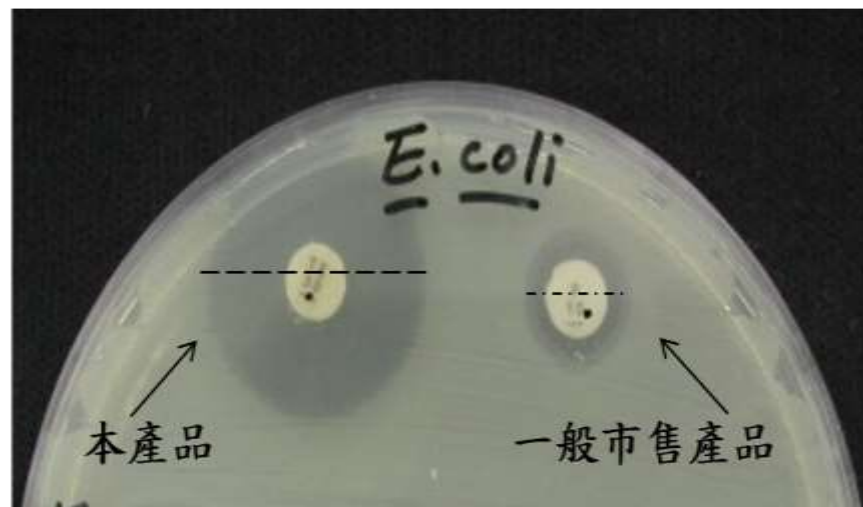


Fig. 1b

圖1a、檸檬香手部清潔劑以及檸檬食品器具洗滌劑。圖1b. 抑菌圈試驗。

Fig. 1a. Lemon hygiene hand –washing liquid and Lemon Dish-washing detergent.

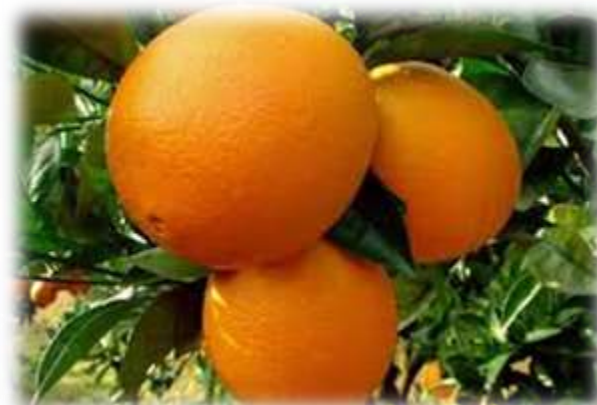
Fig. 1b. Anti-bacteria assay (Clean zone).

# 謝謝

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**UPGRADE**

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