

國立雲林科技大學
工業工程與管理系

實務專題報告

農場與展售區之實務改善—
以某有機農場為例

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摘要

本專題以某有機農場為例，透過進入農場志工服務，觀察農場現況，並發現四項問題，分別為(一)儲位問題(二)結帳制度(三)進貨量問題(四)人力配置。上學期針對儲位問題以及結帳制度兩項問題進行改善，儲位問題利用 5S 方法進行改善，結帳制度方面，將工作站劃分明確、將工具放置位子改善。

本學期針對進貨量問題及人力配置兩方面進行改善，針對進貨量問題，本組透過灰色理論進行進貨量的預估，並發現以每週需求為單位的預測較為準確。針對人力配置的部分，本組訂定標準工時，並安排工作規劃，並套用不同人力資源進而得到最佳的結果。

Abstract

Through being volunteer in an organic farm, we observed the status of the farm, and found that there are four issues: (i) Storage Spaces Problem (ii) Checkout System (iii) the amount of purchase question (iv) Human Configuration. In the last semester, we focused on improving two issues which are storage spaces problem and checkout system. We used 5S method to solve storage spaces problem by the clearly defined workstation, and the tool is placed to solve checkout system problem.

This semester both the amount of purchase question and human configuration were improved. For the amount of purchase question, we estimated the purchase amount through gray theory, and found that the forecast about weekly demand for the units are more accurate. For human configuration, we set the standard for working hours and organized work plans, by trying different resources to get the best results.