



Estimate the outside demand functions of Orange and grape crops in Egypt

Hanan M. Mahrous¹ and Yomna Shehata Mostafa²

¹Dairy Science Department, (PhD. Agricultural Economics), National Research Centre Dokki, Giza, Egypt

²Research Institute for Agricultural Economics, Agricultural Research Center, Egypt.

Abstract: The current research has targeted to identify some of the economic indicators, geographical distribution and locate Egypt for the competition, as well as the Egyptian competitiveness indicators and identify the most important importer of grape and orange crops, through the study of external demand by major global markets. The research has adopted a goal of descriptive and quantitative statistical analysis, in addition to assess economic indicators such as percentages and averages. The study shown, a significant increase in the total productive area, the productivity of the acre and crop production of oranges and grapes, as well as a high proportion of world production of oranges and grapes. The most important foreign markets for Egyptian Orange crop are KSA, Russia, Ukraine, Iran, UAE, and UK markets. While, for grape was UK, The Netherlands, Italy, Germany, Belgium, Russia, and UAE. The Saudi market, showed a direct correlation between national income and the amount of Saudi exports of oranges, while showing an inverse relationship between the total quantity of imports to Saudi Arabia from Orange and the quantity of exports from Egypt. The most important factors affecting the amount of Orange exports to the Russian market is the exchange rate of the pound against the dollar and the price of exportation of Egypt, and the rest of moral agents. The most important factors affecting the amount of exports from the UK market are grape export price Egypt to UK. The UK import price of grapes showing an inverse relationship between the price of exportation of Egypt and UK export quantity of grapes. While, showing an inverse relationship between the price of grapes and UK import quantity of exports from Egypt.

Keywords: *Exports of Egypt, Demand functions, International trade, Oranges and grapes.*