The main objective of the present study is to survey the role of entrepreneurship in exports of fruit and vegetable products from Tehran in Iran. This research is a quantitative study which is conducted in fruits and vegetables SMEs of Tehran Province, Iran. Tehran province -the capital of Iran- was studied, mainly because of the most recent formal national statistics published by Statistic Center of Iran (SCI) show that more than 27% of all SMEs in Iran are working in Tehran. The sample consisted of all exporter and non exporter SMEs of fruits and vegetables in Tehran. In total, there were 80 exporters and non-exporter SMEs of fruits and vegetables in Tehran. The survey involved face-to-face interviews and email for data collection based on a questionnaire prepared in December 2011. To examine the reliability of the questionnaire, a pilot study was conducted on 15 out of 76 SMEs and Cronbach’s alpha for the items of Likert type scales were computed as 0.98. In this research, content and face validity were established by a group of export experts and SME’s experts. We used Frequency, Percentage, Mean, Standard deviation, $\chi^2$ (Chi-square) test, Independent- Samples t-test, Friedman test, Analysis of Variance (ANOVA), Mann-Whitney test, Correlation, Kolmogorov-Smirnov test and Regression, the analysis was carried out using the "Statistical Package for the Social Sciences" (SPSS 20) and Excel. This research supports the general trend seen in the literature review, showing that, the overall attitude towards the entrepreneurial orientation among exporter SMEs were very positive. The results obtained in this research also indicate that, there are significant relationships among Strategies with export performance. Although the entrepreneurial orientation and strategies at exporter SMEs under study was well established, there is a need to increase the entrepreneurial orientation in non-exporter SMEs and other SMEs in Iran. This survey has served as benchmark use of entrepreneurial orientation in fruit and vegetable SMEs in Tehran. It is hoped that the results of this study enable the SMEs to evaluate their situation according to the use of entrepreneurial orientation effectively.