FoodWrite Ltd

Case Study: Supply Chains (no. 7R23)

To provide the client, Riskaware Ltd with an overview of important food supply chains which would allow this business to exploit its capabilities in mathematical modelling. As the recipient of a Technology Strategy Board Innovation Voucher, the report provided an appropriately tailored insight into a new arena for business development. It allows Riskaware to extend its operations and generate a new set of business customers.

Report structure:

Terms Of reference

Introduction

The Agri-Food Sector

-Food Safety and Security

-Food Quality

-The Quality Of Input Data

-Predictive Microbial Modelling

Agrifood production Supply Chain

- The HACCP Process
- Miscellaneous hazard – GMOs
- Quality assurance Systems
- Supply Chain Planning
- Vulnerabilities in the Food Supply Chain
- Analysis- Microbial & Analytical
- The Risk Assessment process
- Traceability in the Food Supply Chain

Uncertainty, variability and Sensitivity Analysis

- Risk characterisation from the Uncertainty point Of View
- Modelling In Food Analysis
- Modelling Uncertainty in Sensory Analysis
- Modelling in Nutrition
- High Uncertainty Issues

Conclusion