## CONTENTS

| 1.  | Introduction   | 1   |
|-----|--|-----|
| 2.  | Major packaging types                                  | 4   |
|     | 2.1 Metal  | 4   |
|     | 2.2 Glass  | 16  |
|     | 2.3 Paper based packaging                              | 25  |
|     | 2.4 Plastic packaging                                  | 31  |
| 3.  | Functions of packaging                                 | 54  |
| 4.  | Making packaging compatible with food type and process | 61  |
| 5.  | Specific packaging innovations                         | 74  |
|     | 5.1 Modified atmosphere packaging                      | 74  |
|     | 5.2 Active packaging                                   | 81  |
|     | 5.3 Intelligent packaging                              | 92  |
| 6.  | Food packaging and the environment                     | 96  |
| 7.  | Conclusions  | 102 |
| 8.  | References and further reading                         | 103 |
| Abo | out CCFRA  | 108 |