

# Contents

SUMMARY	1	
Loss Estimation	1	
Loss Reduction	2	
CHAPTER 1	INTRODUCTION	7
Charge and Objective	8	
Scope of the Study	9	
Definitions and Boundaries	12	
Bibliography	14	
References	14	
CHAPTER 2	CULTURAL AND SOCIOECONOMIC ASPECTS	15
Cultural and Social Factors in Food Conservation	15	
Economic Factors in Food Conservation	17	
A Special Approach to Cost-Benefit Analysis	20	
Conclusions	22	
Notes	23	
References	25	
CHAPTER 3	POSTHARVEST FOOD LOSS ASSESSMENT AND ESTIMATION	26
Relationship Between Accuracy and Usefulness of Loss Assessment	28	
Loss Estimation Methodology	30	
Notes	38	
Recommended Reading	45	
References	46	
CHAPTER 4	CEREAL GRAINS AND GRAIN LEGUMES	47
General Causes of Postharvest Grain Loss	47	
Individual Crop Loss Problems	64	
Grain Legumes	90	

Notes	99
Recommended Reading	105
References	106
CHAPTER 5 PERISHABLES	110
Estimates of Loss	110
Causes of Loss	111
Preservation, Storage, and Conservation	113
Perishable Crops	116
Recommended Reading	136
References	137
CHAPTER 6 POSTHARVEST LOSSES OF FISH	140
General Aspects of Fish Harvest and Consumption	141
Postharvest Losses	143
Strategies for Loss Reduction	148
Notes	155
Recommended Reading	156
References	157
CHAPTER 7 EDUCATION, TRAINING, AND EXTENSION	159
Education and Training	159
Extension Services	160
Notes	163
Recommended Reading	164
References	165
CHAPTER 8 CONCLUSIONS AND RECOMMENDATIONS	166
General Conclusions	166
Recommendations	173
References	181
ORGANIZATIONS ACTIVELY INVOLVED IN POSTHARVEST FOOD CONSERVATION	182
Contributors	184
Résumé en Francais	189
Resumen en Español	194
BOSTID Publications	200
Board on Science and Technology for International Development (BOSTID)	205