CONTENTS

PREFAC	DE	١
THE MA	IN COORDINATORS OF THE RESEARCH PROJECT	vi
ACKNO	WLEDGEMENTS	vii
CONTE	NTS	×
LIST OF	TABLES (PART II)	xvii
LIST OF	TABLES (PART III)	ХХ
LIST OF	TABLES IN THE APPENDIX (PART III)	xxv
LIST OF	FIGURES (PART II)	xxvi
LIST OF	FIGURES (PART III)	xxvi
	PART I	
INTROD	UCTION TO THE STUDY	
by Joha	nnes Eisenbach	1
1	THEORETICAL FRAMEWORK OF THE STUDY	3
1.1	The Extension Service as Part of the Fruit Trade System	4
1.2	System Analysis and the Concept of Marketing Efficiency	6
1.3	System Analysis with the Concept of Indicators Measuring the Competitive Potential, Position and Perspectives (Triple P-Indicators)	9
1.4	Extension Services' Role in Evaluating the Indicators Measuring Competitive Potential	11
2	OBJECTIVES OF THE STUDY	17
3	BIBLIOGRAPHY	21

PART II

	SION ASPECTS OF THE PRODUCTION AND HANDLING OF KIWIS, ES, AND GRAPES IN GREECE	
	os Androulidakis, George Siardos, and Panagiotis Kavallaris	23
1	INTRODUCTION	25
1.1	Problem Identification	25
1.2	Relevant Bibliography	26
1.3	Research Questions	27
2	GREEK AGRICULTURAL EXTENSION SERVICE	29
2.1	History and Organisation	29
2.2 2.2.1 2.2.2	Extension Activities	33 33
2.3	Extension as an Element for Agricultural Development	37
2.4	Other Sources, besides Extension, for Agricultural Information	38
3	PRODUCTION AND QUALITY ISSUES OF KIWI, PEACHES, AND GRAPES	41
3.1 3.1.1 3.1.2	Kiwis	41 41 44
3.2 3.2.1 3.2.2	Peaches Macroeconomic characteristics Standardisation - Packaging	45 46 49
3.3 3.3.1 3.3.2	Grapes Macroeconomic characteristics Standardisation - Packaging	51 51 53
L.	PROJECT AREAS	57
.1	Locale	57
.2 .2.1 .2.2	Description of the Areas Studied Administration Population of the areas	57 57 59

4.2.3 4.2.4	Crops grown in the areas Communication-transportation	59 59
5	RESEARCH METHODOLOGY	63
5.1	Target Populations	63
5.2 5.2.1 5.2.2 5.2.3 5.2.4	Methodology Used Sampling techniques and samples sizes Questionnaires design Data gathering Data analysis	64 64 66 67 68
6	FIELD WORK RESULTS	71
6.1 6.1.1 6.1.2 6.1.3	Extension Personnel Extension agents' personal characteristics Organisation and planning of the extension work Communication with farmers	71 71 74 79
6.2 6.2.1 6.2.2 6.2.3	Farmers Growing the Three Crops under Consideration	82 82 85
6.2.4 6.2.5 6.2.6	Service personnel	91 97 105
0.2.0	recommendations	117
6.3 6.3.1 6.3.2	Traders General observations Factors causing difficulties in exportation	118
7	CONCLUSIONS	121
7.1 7.1.1 7.1.2 7.1.3 7.1.4	Strategies for Reaching Quality Targets Production Post harvest handling of the produce Organisation and trade infrastructure Other strategies	121 124 130
7.2	Strategies for Extension Service Reorientation	134
7.3 7.3.1 7.3.2 7.3.3	Implications	145 154
7.4	Selected Recommendations to Extension Agents for Improving the Produce Quality of the Crops under Consideration	163

7.4.1 7.4.2	Recommendations applying to all three crops under consideration Recommendations applying to each particular crop under consideration	
8	BIBLIOGRAPHY	171
	PART III	
FIGS, AN	ON ASPECTS OF THE PRODUCTION AND HANDLING OF GRAPES, ID TOMATOES IN TURKEY and Cayfun Özkaya	177
1	INTRODUCTION	179
1.1	Problem Identification	179
1.2	Relevant Bibliography	180
2	THE AGRICULTURAL EXTENSION SERVICE IN TURKEY	183
2.1 2.1.1 2.1.2 2.1.3	The History of Agricultural Extension Activities Conventional extension approach Training and Visit System (T & V) Private and participatory approach of extension	183 183
2.2	Implementation of Extension in Turkey During the Last Decades	187
2.3	Delivery of the Extension Messages	188
3	GRAPES, FIGS, AND TOMATOES - PRODUCTION AND QUALITY ISSUES	191
3.1 3.1.1 3.1.2 3.1.3 3.1.4 3.1.5 3.1.6	Table Grapes Table grape production Exportation and organization of the table grape markets Policies on table grape production Marketing of table grapes Standardization of table grapes Quality problems of table grapes	191 191 192 192 193
3.2 3.2.1 3.2.2 3.2.3 3.2.4 3.2.5 3.2.6	Figs Fig production Exportation and organization of fig markets Policies on fig production Marketing of figs The standardization of figs Fig quality problems	194 194 195 195 196

3.3 3.3.1	Tomatoes Greenhouse tomato production	
3.3.2	Export and organization of greenhouse tomatoes	
3.3.3	Policy and marketing of greenhouse tomatoes	
3.3.4	Standardization of tomatoes	199
3.3.5	Quality problems of greenhouse tomatoes	199
3.4	Introduction of Quality Requirement	200
4	THE PROJECT AREAS	203
4.1	General Information	203
4.2	Total Acreage	203
4.3	Agro-Industry	204
4.4	Transportation	204
5	RESEARCH METHODOLOGY	207
5.1	Gathering Data	207
5.2	Methods and the Analysis of Data	208
6	FIELDWORK RESULTS	209
6.1	Agricultural Extension	209
6.1.1	Personal information about extensionists	209
6.1.2	Job satisfaction and working conditions	212
6.1.3	Program planning of extension	
6.1.4	Communication and contact	
6.1.5	Extension activities towards marketing of agricultural products	
6.1.6	Some assessments of extension activities by the farmers	219
6.2	The Results of Farmers Surveyed	
6.2.1	General information related to farmers	
6.2.2	Achievement criteria of extension	221
6.3	Table Grapes	
6.3.1	Crop patterns of the farms	
6.3.2	Production and marketing	
6.3.3	The quality problems of grapes	
6.3.4 6.3.4.1	Diffusion of innovations Growing on T-pole system	
6.3.4.2	Hormone implementation	
6.3.4.3	Pruning and thinning	
6.3.4.4	Pesticides usage	
6.3.4.5	Soil analysis and fertilization	231
6.3.4.6	Irrigation	233

6.3.5 6.3.6	Main extension methods and tools for grape producers Demands of growers for improving the quality of grapes	234 235
6.4	Figs	236
6.4.1	Crop patterns of the farms	236
6.4.2	Production and marketing	237
6.4.3	Quality problems of figs	
6.4.4	Diffusion of innovations	240
6.4.4.1	Shape pruning	240
6.4.4.2	Ploughing and weed control	241
6.4.4.3	Soil analysis and fertilizing	
6.4.4.4	Irrigation and pesticide usage	
6.4.4.5	Mixed orchards and cleaning	245
6.4.4.6	Harvest and drying	
6.4.5	Main extension methods and tools for fig producers	240
6.4.3	•	
6.5	Table Tomatoes	250
6.5.1	The crop pattern in the greenhouse enterprises and the	
	greenhouse characteristics	250
6.5.2	The production and marketing	
6.5.3	Quality problems of tomatoes	252
6.5.4	Diffusion of innovations	254
6.5.4.1	Varieties	
6.5.4.2	Hormone application	
6.5.4.3	Pesticides usage	256
6.5.4.4	Soil analysis and fertilization	
6.5.4.5	Irrigation	
6.5.5	Main extension methods and tools for tomato producers	
6.5.6	Demand of growers for the tomato improving quality	263
6.6	Opinions of the Traders and Exporters	266
6.6.1	Opinions of the table grape exporters	266
6.6.2	Opinions of the fig exporters	
6.6.3	Opinions of the tomatoe exporters	
0.0.3	Opinions of the tornative exponers	200
7	CONCLUSIONS	271
•		
7.1	Quality Oriented Policies	271
7.2	Macro Level Policies of the Government	273
, <u></u>	THE COLOR OF THE COVERNITOR	2,0
7.3	Some Suggestions for Agricultural Extension	275
7.4	Suggestions for Table Grapes	278
7.4.1	Measures to be taken during production	
7.4.2	Measures to be applied for grape processing and marketing	
7.4.2		
7.5	Suggestions for Figs	280
7.5.1	Measures to be taken during production	
7.5.2	Measures to be taken during fig processing and marketing	
7.6	Suggestions for Tomatoes	282
7.6.1	Measures to be taken during the tomato production	282

7.6.2	Measures to be taken during processing and marketing	282
7.7	Selected Recommendations	283
8	BIBLIOGRAPHY	287
APPEND	IX	291
	PART IV	
COMPAR	RISON AND CONCLUSIONS	
by Johan	nes Eisenbach	305
1	COMAPRISON BETWEEN THE EXTENSION SERVICES OF GREECE	
	AND TURKEY	307
1.1	Concerning the Comparison of the Results of the Greek and Turkish Part of the Study	307
1.2	The Three Stages of Agricultural Development	308
2	ANSWERS TO THE RESEARCH HYPOTHESES	311
2.1	Hypothesis I	311
2.2	Hypothesis II	311
2.3	Hypothesis III	312

LIST OF TABLES (PART II)

1 able 2.1:	Greece	32
Table 2.2:	Extension Workers' Activities	35
Table 2.3:	Extension Service Information Relevant to its Numbers at each Directorate of Agriculture of the Research Area	36
Table 3.1:	Kiwis: Area Cultivated in Greece	42
Table 3.2:	Kiwis: Production in Greece	42
Table 3.3:	Kiwis: Greek Exports	43
Table 3.4:	Peaches: Area Cultivated in Greece	46
Table 3.5:	Peaches: Production in Greece	47
Table 3.6:	Peaches: Greek Production by Category	48
Table 3.7:	Table Peaches: Greek Exports	49
Table 3.8:	Table Grapes: Area Cultivated	52
Table 3.9:	Table Grapes: Production in Greece	53
Table 3.10:	Table Grapes: Greek Exports	54
Table 4.1:	Crops Grown in Each Prefecture Studied (stremmata)	60
Table 5.1:	Prefectures and the Corresponding Number of Villages and Number of Farm Enterprises where Samples for Each Crop Came from	64
Table 5.2:	Communities and Number of Farmers Responded to the Questionnaires, per Prefecture and Farm Enterprise	65
Table 6.1:	General Information of Extension Personnel	72
Table 6.2:	Information Regarding Seminars Offered to the Extensionists	73
Table 6.3:	Information of Extension Personnel Regarding Their Work	75
Table 6.4:	Extension Agents Distribution (%) Based on the Degree of Satisfaction with Their Work while Advising Farmers to Improve the Quality of Production	76
Table 6.5:	Distribution (%) of Agriculturists Based on the Perceived Degree Factors Affect Their Advisory Work for Quality Improvement	77

Table 6.6:	Cooperation of the Extension Agents with Other Agencies besides Extension	78
Table 6.7:	Extension Service Agents' Distribution (%) Based on the Time They Spend to Give Information to Farmers	81
Table 6.8:	Preference of the Extension Service Agents of the Degree of Appropriateness of Educational Methods for the Farmers and the Frequency of Their Use	81
Table 6.9:	Producers' Distribution (%) Based on Crop Grown and Producers' Age. One-way Analysis of Variance	82
Table 6.10:	Farmers' Distribution (%) Based on Education and Crop Grown. χ^2 test	83
Table 6.11:	Farmers' Distribution Based on Crops and Years of Their Crop Experience. One-way Analysis of Variance	83
Table 6.12:	Farmers' Distribution (%) Based on the Cultivated Land. One-way Analysis of Variance of the Average Totally Cultivated Area	84
Table 6.13:	Crops Grown by the Farmers Sampled	85
Table 6.14:	Problems Perceived by Kiwi Growers	86
Table 6.15:	Problems Perceived by Peach Growers	87
Table 6.16:	Problems Perceived by Grape Growers	87
Table 6.17:	Comparison between the Problems Farmers Face in Growing Kiwis and Their Regions. χ^2 test	88
Table 6.18:	Comparison between the problems Farmers Face in Peaches and Their Regions. χ^2 test	89
Table 6.19:	Comparison between the Problems Farmers Face in Growing Grapes and their Regions. χ^2 test	89
Table 6.20:	Farmers' Distribution (%) Based on Their Preference in Discussing Their Problems in Growing a Studied Crop	90
Table 6.21:	Statistical Test of χ^2 between the Farmers' Region and with Whom They Discuss Problems They Face the Crop They Grow	91
Table 6.22:	Farmers' Distribution, per Crop, and Their Perception Regarding the Help Given to Them by the Extension People	92
Table 6.23:	Association between Kiwi Farmers' Perception of Help Offered to Them by the Extension for Quality Improvement, and the Problems these Farmers Face in Growing Kiwis. Mann-Whitney U test	94

Table 6.24:	Association between Peach Farmers' Perception of Help Offered to Them by the Extension for Quality Improvement, and the Problems these Farmers Face in Growing Peaches. Mann-Whitney U-test	95
Table 6.25:	Association between Farmers' Perception of Help Offered to Them by the Extension for Quality Improvement, and the Problems these Farmers Face in Growing Grapes. Mann-Whitney U test	95
Table 6.26:	Farmers' Distribution Based on Crop and on Their Responses Regarding the Motivation the Extension People Have	97
Table 6.27:	Kiwi-growers' Distribution (%) Based on the Sources They Used for Initial Information and for Convincing Themselves to Adopt Various Practices in Kiwi Growing (n = 155)	99
Table 6.28:	Peach-growers' Distribution (%) Based on the Sources They Used for Initial Information and for Convincing Themselves to adopt Various Practices in Peach Growing (n = 163)	100
Table 6.29:	Grape-growers' Distribution (%) Based on the Sources They Used for Initial Information and for Convincing Themselves to Adopt Various Practices in Grape Growing $(n = 162)$	101
Table 6.30:	Farmers' Distribution per Crop, Perceiving that They Had the Initial Information from Their Own and/or They Were Convinced by Themselves to Apply Certain Farm Practices	103
Table 6.31:	Farmers' Distribution (%) Based on Crop Grown and Perceived Help Gained from Each Extension Method Used by Extension and/or Private Individuals	104
Table 6.32:	Statistical Test of χ^2 and the Corresponded Adjusted Standardised Residuals Regarding Farmers' Perceived Help and the Communication Method Used	106
Table 6.33:	Kiwi Farmers' Distribution Based on the Application of Recom- mended Practices in Kiwi Growing and How Correct They Justify for not Applying Certain Practice	107
Table 6.34:	Kiwi Farmers' Distribution Based on How Correct Farmers Exercise Certain Practices in Kiwi Growing	108
Table 6.35:	Statistical Tests (t-Student) between Various Farmers' Characteristics and Their Action Regarding Certain Recommended Farm Practices in Kiwi Growing	109
Table 6.36:	Statistical Test of χ^2 between Locality of Farmers and Their Response in Exercising Various Recommended Practices in Kiwi Growing. Adjusted Standardised Residuals Identifying the Groups Contributing to the χ^2 Significance (Cases with p < 0.05)	110
Table 6.37:	Peach Farmers' Distribution Based on the Application of Recommended Practices in Peach Growing and How Correct They Justify for not Applying Certain Practices	111

Table 6.36.	are Exercising Certain Practices in Peach Growing	112
Table 6.39:	Statistical Test of χ^2 between Locality of Farmers and Their Response in Exercising Various Recommended Practices in Peach Growing. Adjusted Standardised Residuals Identifying the Groups Contributing to the χ^2 Significance (only cases with p < 0,05)	113
Table 6.40:	Statistical Tests (t-Student) between Various Farmers' Characteristics and Their Action Regarding Certain Recommended Farm Practices in Peach Growing (only cases with p < 0,05)	114
Table 6.41:	Statistical Tests (t-Student) between Various Farmers' Characteristics and Their Action Regarding Certain Recommended Farm Practices in Peach Growing (Cases with p < 0.05)	114
Table 6.42:	Grape Farmers' Distribution on the Application of Various Recommended Practices in Grape Growing and How Correct They Justify for not Applying Certain Practices	115
Table 6.43:	Grape Farmers' Distribution Based on How Correct Farmers Are Exercising Certain Practices in Grape Growing	116
Table 6.44:	Farmers' Distribution Based on Their Answers on How Faithfully Apply the Extension Agents' Recommendations Regarding Plant Protection, and if not Faithfully Applied who They Seek Advice from	117
LIST OF TAB	LES (PART III)	
Table 3.1:	The Production of Table Grapes in the Research Area (Tons)	191
Table 5.1:	Frequencies of the Sampled Extensionists, Producers and Villages According to Provinces	208
Table 6.1:	Average Data Mean of Extensionists Several Characteristics	209
Table 6.2:	General Information of Extension Personnel	210
Table 6.3:	Information Regarding Seminars Offered to the Extensionists	211
Table 6.4:	To What Extent Do They Feel that the Difficulties They Encounter in Doing Their Job in Improving the Quality of the Products is Due to: (The Percentage Distribution of Answers)	212
Table 6.5:	The Distribution Time Table of Extensionists (in %)	214
Table 6.6:	Farmers' Distribution Based on Adoption of Various Practices and Successful Degree of Extensionists	215

Table 6.7:	How Should Extension Service be Organized (Answers in %)	215
Table 6.8:	Techniques in Order to Give Advice on Quality Improvement (Degree of Preference by the Extensionists in %)	216
Table 6.9:	The Reasons Why Extensionists Prefer Face to Face or Group Communication (Distribution of Extensionists in %)	216
Table 6.10:	Preference of the Extension Service Agents of the Degree of Appropriateness of Educational Methods for the Farmers and the Frequency of Their Use	217
Table 6.11:	How Much of Their Time Do They Devote to the Following Activities in Order to Give Information to the Farmers for Overcoming Problems in Quality of the Crops Studied (%)	218
Table 6.12:	Demographic and Other Information about Farmers	220
Table 6.13:	Farmers' Distribution (%), per Crop, Their Perception Regarding the Help Given to Them by Extensionists	222
Table 6.14:	The Marketing of Table Grapes and the Prices Farmers Received	225
Table 6.15:	The Information From Whom They Heard First About the Grading of the Table Grapes and the Source Who Convinced Them to Adopt this Practice (%)	226
Table 6.16:	The Main Quality Problems of Table Grapes According to the Farmers (%)	227
Table 6.17:	The Information from Whom They Heard First About the T-Pole System and the Source Who Convinced Them to Adopt this Practice (%)	228
Table 6.18:	The Information from Whom They Heard First About Hormones and the Source Who Convinced Them to Adopt this Practice (%)	
Table 6.19:	The Information from Whom They Heard First About Thinning and the Source Who Convinced Them to Adopt this Practice	230
Table 6.20:	The Information from Whom They Heard First About the Application of Pesticides and the Source Who Convinced Them to Adopt this Practice (%)	231
Table 6.21:	The Amount of Farmers Who Applied Foliar Fertilization, Soil Application and Trace Element Application (%)	231

Table 6.22:	Application and the Source Who Convinced Them to Adopt	
	this Practice (%)	232
Table 6.23:	The Reasons of Not Adopting the Drip Irrigation (%)	233
Table 6.24:	Farmers Distribution Based on Perceived Help Gained from Each Extension method Used by Public, Private Extensionists or Both (%)	234
Table 6.25:	Farm Size and Acreage of the Main Crops that the Producers Grow	236
Table 6.26:	The Marketing of Figs, According to Fruit Size and Number of Farmers	237
Table 6.27:	The Most Important Quality Problems of Figs (%)	238
Table 6.28:	Quality Problems by Studied provinces, t-Test	240
Table 6.29:	The Information from Whom They Heard First About the Shape Pruning and the Source Who Convinced Them Adopt this Practice (%)	241
Table 6.30:	The Reasons of Farmers not to Adopt Shape Pruning (%)	241
Table 6.31:	The Frequencies of Farmers Who Applied Pesticides Systematically for Ceraplastes rusci and Tetranicus spp. (%)	243
Table 6.32:	The Information from "Whom They Heard First About Spraying and Who Convinced Them to Adopt These Practices" (%)	244
Table 6.33:	The Reasons Why Farmers Do Not Adopt Pest Management by Spraying (%)	244
Table 6.34:	The Reasons for the Maintenance of Mixed Orchards According to the Farmers (%)	245
Table 6.35:	The Reasons of Farmers Not to Pick Up Fallen Breba Crop and Used Caprifig Fruits after Pollination (%)	246
Table 6.36:	The Reasons of Farmers Not to Use Pallets for Drying Figs (%)	247
Table 6.37:	The Information from Whom They Heard First About the Usage of Pallets for Drying and the Source Who Convinced Them to Adopt these Practices (%)	247
Table 6.38:	The Main Sources of Information that were Offered to Farmers to Help Them to Improve the Quality of Their Figs (%)	248
Table 6.39:	What Else Be Done to Improve the Quality of Figs in the Research Area. According to the Farmers	249

Table 6.40:	The Farm Size and the Acreage of the Main Crops of Tomato Producers	250
Table 6.41:	The Acreage of Tomato Producers, Types of Growing and Yields \dots	251
Table 6.42:	The Percentage of Total Sales, Prices per kg, Exporters and Local Market	252
Table 6.43:	Important Quality Problems of Tomatoes (%)	253
Table 6.44:	The Information from Whom They Heard First About the New Varieties and also Who Convinced Them to Adopt to Use These Varieties (%)	254
Table 6.45:	The Reasons of the Farmers' Choices for New Varieties (%)	255
Table 6.46:	The Information from Whom They Heard First About the Application of Hormones and the Source Who Convinced Them to Adopt Them (%)	256
Table 6.47:	The Reasons of Farmers Not to Adopt Soil Analysis (%)	258
Table 6.48:	The Information from Whom They Heard First About the Soil Analysis and Who Convinced Them to Adopt These Practices (%)	259
Table 6.49:	Irrigation Methods Used by the Farmers (%)	259
Table 6.50:	The Information from Whom They Heard First About Drip Irrigation and Who Convinced Them to Adopt These Practices (%) .	260
Table 6.51:	The Main Sources of Information that Were Offered to Farmers to Help Them to Improve the Quality of Their Tomatoes (%)	261
Table 6.52:	With Whom Do They Discuss the Quality Problems They Faced with Tomatoes (%)	263
Table 6.53:	What Else Can be Done to Improve the Quality of Tomatoes in the Research Area, According to the Farmers	263
Table 6.54:	Whether the Extension Officers Help the Producers Improve the Product Quality of Tomatoes in the Provinces (Kruskall-Wallis Test and Mann-Whitney Test)	264
Table 6.55:	The Analysis Between "Do Extensionists Have the Proper Information" and "The Age, Education, Total Acreage, Experience of Tomato Producers" by Using One-Way	265
Table 6.56:	Do the Extension Officers Devote Enough Time to Discuss Quality Problems with Tomato Producers Among the Provinces (Mann-Whitney-Test)	266
Table 6.57:	The Analysis Between "Do You Keep Records" and "The Age, Education, Total Acreage, Experience of Tomato Producers" by Using One-Way	266

LIST OF TABLES IN THE APPENDIX (PART III)

Table A 6.1:	Personal Information of Extensionist and the Relationships Between Officers and Technicians	291
Table A 6.2	Information of Extension Personnel Regarding Their Work	291
Table A 6.3	The Difficulties of Extension Officers Faced in Doing Their Job in Improving the Quality of the Products and the Degrees, Reasons of Them Among the Provinces (Mann-Whitney Test)	292
Table A 6.4	The Analysis if the Extension Officers Devote Enough Time to Discuss Quality Problems Among the Provinces	292
Table A 6.5	Concerning the Needs of the Farmers and the Background of Extensionists, t-Test Was Done, According to the Provinces	292
Table A 6.6	How Much Did the Extension Officer Help You to Improve the Product Quality of the Three Crops	293
Table A 6.7	The Average of Age, Education, Acreage, Own Land, Rented Land of Studied Crop Producers	293
Table A 6.8	Statistical Test of χ^2 Regarding Farmer' Perceived Help and the Communication Method Used	294
Table A 6.9	The Farm Size and the Acreage of the Main Crops Concerning Table Grape Farmers	
Table A 6.10	One-Way Comparison of the Characteristics of Farmers and Their Answers to the Question of Whether They Were Helped by the Extensionists to Improve Quality of Colour Problem	295
Table A 6.11	One-Way Comparison of the Characteristics of Farmers and Their Answer to the Question of Whether They Were Helped by Extensionists to Improve Quality of Residues of Pesticide	295
Table A 6.12	One-way Comparison of the Characteristics of Farmers and Their Answers to the Question of Whether They Were Helped by Extensionists to Improve the Quality of Harvesting	296
Table A 6.13	One-way Comparison of the Characteristics of Farmers and Their Answers to the Question of Whether They Were Helped by the Extensionists to Improve Quality of Post Harvesting	296
Table A 6.14	The Extension Officers Devote Enough Time to Discuss Quality Problems with the Grape Producers Among the Provinces (Mann-Whitney)	297
Table A 6.15	T-Test Between "From Whom You Heard for the First Time About the Application of Hormones" and "The Age, Education, Total Acreage, Experience of Grape Producers"	297

Table A 6.16	T-Test Between "From Whom You Heard for the First Time About Pesticides" and "The Age, Education, Total Acreage, Experience of Grape Producers"	297
Table A 6.17	T-Test Between "Who Has Convinced You to Apply Pesticides" and "The Age, Education, Total Acreage, Experience of Grape Producers"	298
Table A 6.18	The Information from Whom They Heard First About the Drip Irrigation (%)	298
Table A 6.19	The Analysis of the "Performance of Extension" Among "The Age, Education, Total Acreage, Experience of Grape Producers" by Using One-way	298
Table A 6.20	The Analysis of the "Performance of Extension" Among "The Age, Education, Total Acreage, Experience of Grape Producers" by Using One-way	299
Table A 6.21	One-way Comparison of the Characteristics of Farmers and Their Answer to the Question of Whether They Were Helped by Extension to Improve Quality while Selling and Storing	299
Table A 6.22	One-way Analysis of Variance, the Higher Number of Figs per Kg with some Farmers' Characteristics	. 299
Table A 6.23	One-way Analysis of Variance, the Hardness of Figs with some Farmers' Characteristics	300
Table A 6.24	One-way Analysis of Variance, the Bird Damages in Figs with some Farmers' Characteristics	. 300
Table A 6.25	One-way Analysis of Variance, the Mould Infected Figs with some Farmers' Characteristics	. 300
Table A 6.26	One-way Analysis of Variance, the Processing Post Harvesting with some Farmers' Characteristics	. 301
Table A 6.27	The Extension Officers Devote Enough Time to Discuss Quality Problems with Fig Producers	. 301
Table A 6.28	Kruskall-Wallis Test and Mann-Whitney Test, the Answer to the Question "How Much Do the Extensionists Help to Improve the Product Quality of Figs in Different Provinces?"	. 301
Table A 6.29	T-Test Between the Answer to the Question "How Much Did the Extension Officers Help You to Improve the Quality of Figs" and "The Age, Education, Total Acreage, Experience of Producers"	. 302
Table A 6.30	One-way Comparison of the Characteristic of Farmers and Their Answer to the Question of Whether They Were Helped by	
	Extension to Improve Quality of Their Products	. 302

Table A 6.31	PracticesPractices of Hormone Application and the Number of	302	
Table A 6.32	Kruskall-Wallis and Mann-Whitney Test About the Question Whether there are Differences Between the Provinces in the Extension Officers' Help to Improve the Product Quality of Tomatoes	303	
Table A 6.33	The Analysis Between "Do Extensionists Have the Proper Information" and "The Age, Education, Total Acreage, Experience of Tomato Producers" by Using One-way	303	
Table A 6.34	Do the Extension Officers Devote Enough Time to Discuss Quality Problems with Tomato Producers Among the Provinces (Mann-Whitney Test)	303	
Table A 6.35	The Analysis Between "Do You Keep Records" and "The Age, Education, Total Acreage, Experience of Tomato Producers" by Using One-way	304	
LIST OF FIGURES (PART II)			
Figure 2.1:	Organisational Scheme of Agricultural Extension of the Ministry of Agriculture, Greece	31	
Figure 4.1:	Greece: Geographical Area of the Study	58	
LIST OF FIGURES (PART III)			
Figure 2.1:	The Organization of the Ministry of Agriculture	184	
Figure 2.2:	Province Directory of Ministry of Agriculture	185	
Figure 2.3:	The Organization of T & V	186	
Figure 4.1:	The Provinces of Investigation	205	