

**AGRICULTURAL RESEARCH EVALUATION IN SENEGAL:  
THE ADOPTION OF VARIETY LA FLEUR 11 BY PEANUT FARMERS**

**TABLE OF CONTENTS**

Abstract	i
Dedication	ii
Acknowledgement	iii
List of tables	vi
List of figures	vii
<b>Chapter 1: The peanut sector in Senegal</b>	<b>1</b>
1.1 Introduction	2
1.2 Peanut sector in Senegal	2
1.2.1 Peanut production	3
1.2.2 Peanut marketing	6
1.3 History of the peanut sector and related governmental policies in Senegal	10
1.4 The peanut pricing policies	17
1.5 Agricultural research in Senegal	19
1.6 Problem statement	21
1.7 Objectives	23
1.8 Summary of methods	23
1.9 Structure of the remainder of the thesis	24
<b>Chapter 2: Conceptual framework</b>	<b>25</b>
2.1 Introduction	26
2.2 Relevant previous studies on economic surplus analysis	26
2.2.1 Introduction	26
2.2.2 Literature review	27
2.3 Hypotheses	51
2.3.1 Maintained hypotheses	51
2.3.2 Working hypotheses	52
2.4 The peanut markets in Senegal	53
2.4.1 Commodities	53
2.4.2 Market linkages	54
2.4.3 Pricing policies	57
2.5 Economic surplus analysis	58
2.5.1 Introduction	58
2.5.2 The supply shift K	60
2.5.3 Economic surplus models	61
2.6 Discount concept	71
2.7 Summary of economic surplus models	73

<b>Chapter 3: Data and results</b>	75
3.1 Introduction	76
3.2 Data collection	76
3.2.1 Data collected from secondary sources	76
3.2.2 Data collected from Senegal	81
3.2.3 Use and configuration of data for analysis	84
3.3 Results and analysis	93
3.3.1 Introduction	93
3.3.2 Baseline scenario	95
3.3.3 Sensitivity analyses	104
3.3.4 Conclusion	113
<b>Chapter 4: Summary, conclusions, limitations and implications for future research</b>	115
4.1 Summary	116
4.2 Working hypotheses revisited	122
4.3 Conclusions	123
4.4 Contribution and policy implications of the study	124
4.5 Limitations of the study and implications for future research	125
<b>References</b>	128
<b>Appendix A: Algebra</b>	135
<b>Appendix B: Data</b>	142
<b>Appendix C: The Peanut CRSP</b>	155
Vita	158