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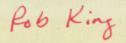
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RISK ANALYSIS FOR AGRICULTURAL

PRODUCTION FIRMS: CONCEPTS,

INFORMATIONAL REQUIREMENTS AND POLICY ISSUES

Proceedings of a Seminar Sponsored by Southern Regional Project S-180 "An Economic Analysis of Risk Management Strategies for Agricultural Production Firms" Savannah, Georgia March 20-23, 1988

Department of Economics and Business Agricultural Research Service North Carolina State University Raleigh, North Carolina

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Table of Contents

Preface	iv
Risk, Market Failure and Agricultural Policy	
by Peter B. R. Hazell	1
Risk, Market Failure and Agricultural Policy: A Discussion	
by Bruce A. McCarl	26
Dynamic Programming Models With Risk Oriented Criterion Functions	
by Oscar R. Burt	29
Incorporating Risk Into A Dynamic Programming Application: Flexcropping	
by Douglas L. Young and G.C. Van Kooten	45
Dynamic Programming for Risk Analysis:	
Discussion	
by Thomas R. Zacharias	64
Modeling Farm Program-Crop Mix Decisions Under Risk	
by Gregory M. Perry, Bruce A. McCarl, M. Edward Rister	69
Modeling Farm Program-Crop Mix	
Decisions Under Risk: Discussion	
by Arne Hallam	94
Time Series Models For Exchange Rate and Agricultural Price Forecasts	• • •
by Girard H. Bradshaw and David Orden	100
Time Series For Exchange Rate and	•
Agricultural Price Forecasts by Paul L. Fackler	
by Paul L. Fackler	126
Simultaneous Production and Marketing Decisions Over Time	
by David K. Lambert	130
Simultaneous Production and Marketing Over Time: Discussion	
by Harry M. Kaiser	152

ii

(

(

The Research Implications Of The Strategic Management Literature	
by Vernon R. Eidman	158
The Research Implicatins Of The	
Strategic Decisionmaking Literature: A Discussion	•
by Larry W. VanTassell	166
Two Moment Decision Models and Expected Utility Maximization: Some Implications For Applied Research	•
by Jack Meyer	170

PREFACE

This publication contains papers presented at a seminar held in conjunction with the 1988 annual meeting of Southern Regional Risk Project S-180 "An Economic Analysis of Risk Management Strategies for Agricultural Production Firms." The seminar was opened by a paper by Hazell on increasing aggregate price and yield variability in agriculture. Burt and Young and Van Kooten review recent developments for encorporating risk in dynamic programming models. Farm program risk and exchange rate uncertainties are modeled with discrete programming and time-series models, respectively. Livestock marketing and production decisions are evaluated with a stockastic programming model by Lambert. Finally, Eidman reviews the strategic management literature and Meyer explains the location and scale condition for decision making.

This is the sixth set of seminar papers arising from the S-180 project. 1983-1987 proceedings were published by the agricultural economics departments of the following schools: Oklahoma State University, University of Illinois, Michigan State University, Washington State University and the University of Minnesota.

Cooperating agencies in the S-180 project are the agricultural experiment stations of Alabama, Arizona, Arkansas, California (Berkeley and Davis), Colorado, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Missouri, Mississippi, Montana, Nebraska, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, South Carolina, Texas, Virginia, Washington, and Hyoming, and the Economic Research Service of the U.S. Department of Agriculture. The project's administrative advisor is Dudley Smith, Texas A & M University.

Gerald Carlson served as Chairman of the Technical Committee during 1987-1988, while Bruce McCarl chaired the program committee compressed of Vern Eidman, Lauren Tauer and Tom McGuckin. The Farm Foundation and participating experiment stations and agencies provided financial support for publication of these proceedings.

iv