



**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 11**

**NOVEMBER 2023**

**AGRICULTURAL SCIENCES P1  
MARKING GUIDELINE**

**MARKS: 150**

**This marking guideline consists of 12 pages.**

# Agric Scope P1

**Social Science Research Council (U.S.).  
Advisory Committee on Social and  
Economic Research in Agriculture**

## **Agric Scope P1:**

*Transport of Agricultural Chemicals from Small Upland Piedmont Watersheds*, 1978      *Philippine Development*, 1976  
*Scope and Method [of Research in Agricultural Economics and Rural Sociology]* Social Science Research Council (U.S.).  
Advisory Committee on Social and Economic Research in Agriculture, 1930      *Biological Quality and Precision Agriculture II*  
James A. DeShazer, George E. Meyer, 2000      **Agricultural and Horticultural Engineering Abstracts**, 1960

**Foundations of Agricultural Market Analysis and Agricultural Policy** Ulrich Koester, 2020-07-01 Ulrich Koester researches and teaches at the Institute for Agricultural Economics at the Christian Albrechts University of Kiel Germany He has been a member of the Scientific Advisory Board of the Ministry of Food Agriculture and Forestry for over 20 years Moreover he gained experience working with the International Food Policy Research Institute in Washington D C and with numerous international organizations including the World Bank FAO the European Commission the European Parliament and the European Court of Auditors His teaching experience is based on courses taught at more than ten universities in general economics and agricultural economics Part I of the book lays the theoretical foundations for understanding price formation in product and factor markets In addition to neoclassical theory institutional economics is of particular importance Part II presents and evaluates agricultural policy with special reference to the EU whereby the evaluation framework goes beyond the usual welfare theory analysis The book is also a valuable aid for students of economic policy especially because of its detailed evaluation of individual agricultural market policy instruments The book is aimed at students at universities technical colleges as well as politicians interested in rational agricultural policy making      **Aircraft in Agriculture, 1958-1963** Geraldine Antoinette Corridon, 1965      **Agricultural Productivity** Virgil Ball, 2012-12-06 Agricultural Productivity Measurement and Sources of Growth addresses measurement issues and techniques in agricultural productivity analysis applying those techniques to recently published data sets for American agriculture The data sets are used to estimate and explain state level productivity and efficiency differences and to test different approaches to productivity measurement The rise in agricultural productivity is the single most important source of economic growth in the U S farm sector and the rate of productivity growth is estimated to be higher in agriculture than in the non farm sector It is important to understand productivity sources and to measure its growth properly including the effects of environmental externalities Both the methods and the data can be accessed by economists at the state level to conduct analyses for their own states In a sense although not explicitly the book provides a guide to using the productivity data available on the website of the U S Department of Agriculture Economic Research Service It should be of interest to a broad spectrum of professionals in academia the government and the private sector      **Agriculture and Economic Growth** Yair Mundlak, 2000 Agriculture as a sector Factor growth and allocation Technology Static and dynamic behavior      **US Programs Affecting Food and Agricultural Marketing** Walter J. Armbruster, Ronald D. Knutson, 2012-11-06 With increasing globalization of markets a

wider array of programs has come to affect the food and agricultural marketing system and many of today's programs are more consumer oriented than producer oriented. This book brings together the thinking of the best researchers addressing the topics involved in these programs and provides readily understood analyses of the challenges and opportunities facing the food and agricultural industry and the programs which impact industry performance. Many public sector programs and institutions affecting food and agricultural marketing were designed in the early and mid 1900s and while they have been updated, new demands are constantly being placed on them. The authors discuss the increased scope, complexity, and globalization of markets, the changes in technology that brought these changes about, and the need for policy and program adjustments. They also discuss the development of supply chains domestically and globally, from farm to consumption. The book addresses the safety of the food supply from both domestic and international sources and the need to assure security of the food supply from external events while maintaining trade and open markets. The breadth of programs treated makes this book valuable to students and scholars in agricultural economics and agribusiness management as well as to practitioners and policy makers in the field.

### **Enhancing Food Security and Trade Resilience in Sustainable Agricultural Systems**

Wenjin Long, Catherine Keske, Fuyou Guo, 2025-10-23. Food security is a critical global challenge influenced by complex interactions between agriculture, trade, and market dynamics. As countries navigate the impacts of climate change and economic fluctuations, sustainable agricultural practices become essential for ensuring a stable food supply. International trade agreements such as the China-Pakistan Free Trade Agreement and the pathways established by the Belt and Road Initiative significantly shape domestic agricultural economies. Understanding how these agreements affect food access, sovereignty, and production sustainability is crucial for developing resilient food systems. Despite the recognised importance of these interconnections, there is limited research that comprehensively examines the interplay between trade policies and sustainable agricultural practices in supporting food security. Many existing studies focus on individual aspects, neglecting the integrated nature of these systems. This Research Topic aims to fill this gap by exploring how trade dynamics, local agricultural strategies, and policy frameworks can enhance food security and resilience. By synthesising diverse case studies and analyses, we aim to identify best practices and effective pathways to strengthen both trade and local agricultural sustainability in various contexts.

Agriscopes, 1995

**Journal of Agricultural and Resource Economics**, 2003

**The Indian Journal of Agricultural Sciences**, 2008      Fisheries: Annotated bibliography, 1969      *Mimeographed Report (Giannini Foundation of Agricultural Economics)*, 1995      *Proceedings of the Agricultural Society of Nigeria*, Agricultural Society of Nigeria, 1968      *Report of the Secretary of Agriculture and Commerce*, Philippines. Department of Agriculture and Commerce, 1927      **Fisheries, Pêches, Pesca; [index, Indice]** Food and Agriculture Organization of the United Nations. Documentation Center, 1969      *Tomorrow's Agriculture* George Henry Peters, Prabhu L. Pingali, 2001. This volume represents some of the proceedings of the 24th conference of the International Association of Agricultural

Economists IAAE held in Berlin Germany in August 2000 The papers in this volume include the president's address the Elmhirst Lecture and a selection of 20 contributed papers It also includes panel discussion reports reports on the discussion groups and mini symposia poster paper abstracts and the synoptic view presented at the close of the conference by the new president of the IAAE Joachim von Braun

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