

PAPER NO- 7: AGRICULTURAL GEOGRAPHY

Course Objectives

The course introduces nature and scope of agricultural geography. Students will learn land use classification, determinants of agriculture, agricultural regions, food security, agricultural models and their relevance in Indian context. The aim of this paper is to explain the importance of agriculture in nation building and development mechanism.

1. Introduction

1.1 Defining the Field

1.2 Nature and Scope

1.3 Land Use: Definition and Agricultural Land Use Classification

- Grigg, D.B. (1984) An Introduction to Agricultural Geography, Hutchinson, London. Chapter 1
- Morgan, W.B. and Munton, R.J.C. (1971) Agriculture Geography, Methunen, London. Chapter 1
- Singh, J. and Dhillon, S.S. (2004) Agricultural Geography, Tata McGraw-Hill. New Delhi. Chapter 9

2. Determinants of Agriculture

2.1 Physical

2.2 Economic

2.3 Technological

- Symons, L. (1978) Agriculture Geography, Bell and Hyman Limited, London. Chapter 1
- Singh, J. and Dhillon, S.S. (2004) Agricultural Geography, Tata McGraw-Hill. New Delhi. Chapter 4

3. Agricultural Regions and Food Security

3.1 Whittlesey's Classification

3.2 Agro-Climatic Regions

3.3 Concept of Food Security

- Singh, J. and Dhillon, S.S. (2004) Agricultural Geography, Tata McGraw-Hill. New Delhi. Chapter 8
- Basu, D.N. and Guha, G.S. (1996) Agro-climatic Regional Planning in India, Concept Publishing Company, New Delhi. Chapter 1
- Datt, G. and Mahajan, A. (2013) Indian Economy, S. Chand & Co., New Delhi. Chapter 30

4. Agricultural Models

4.1 Land Use Model of Von Thunen

4.2 Relevance of Von Thunen Model in Indian Context

4.3 Haggerstrand's Model of Diffusion of Innovation

- Shafi, M. (2006) Agricultural Geography, Pearson Education, Delhi. Chapter 12
- Tarrant, J.R. (1974) Agricultural Geography, Halstead Press, New York. Chapter 3 and 4

Further Readings

- Husain, M. (2004) Krishi Bhugol, Rawat Publication, Jaipur.

- Singh, B.B. (1996) Krishi Bhugol, Gyaneynday Prakashan, Gorakhpur.
- Sharma, B.L. (1988) Krishi Bhugol, Sahitya Bhawan, Agra.
- Tiwari, R.C. and Singh, B.N. (2000) Krishi Bhugol, Pryag Pustak Bhawan, Allahabad.