

# Agriculture

Agriculture = deliberate modification of Earth's surface through cultivation of plants and rearing of animals to obtain sustenance or economic gain.

## Origins of Agriculture

Neolithic Hunting	Ice Age	Stone Age
modification of plants for element clearing from existing plants, such as cutting stems and eating roots.	Cultivation	modification of plants, often by increased plowing of soil that results from use of Neolithic
<ul style="list-style-type: none"> <li>Neolithic Asia (rice, wheat, barley)</li> <li>West Africa (oil palm tree, cassava)</li> <li>East South America (sweet potato, manioc root)</li> </ul>	Origins	<ul style="list-style-type: none"> <li>Western India (wheat, barley)</li> <li>Northern China (millet, rice)</li> <li>Europe (millet, rye, wheat)</li> <li>Southern America (manioc, maize)</li> <li>Northern Peru (squash, banana, cotton)</li> </ul>

Subsistence Farming	Commercial Farming
Production of food primarily for family consumption by the farmer's family.	the panel section of food primarily for sale with other farmers.
Purpose of Farming	Purpose of Farming
produce food for their own consumption.	farmers grow crops and raise animals primarily for sale off the farm rather than for their own consumption. Agricultural products are not sold directly to consumers but to food-processing companies.
Percentage of Farmers in Labor Force	Percentage of Farmers in Labor Force
More than half the workers are engaged in farming.	less than one-fourth of the workers are engaged directly in farming. The percentage of farmers is much lower in the U.S. and Canada, at only 2%.
Capital Requirements	Capital Requirements
Family or people or animals, who much of the work with friend, family, and animals.	Family or machinery to perform work. Use scientific techniques to increase productivity.
Farm Size	Farm Size
Small Farms	Large Farms. The farms average 400 acres. Incredibly concentrated, as in the case of large farms.
Relationship to Other Businesses	Relationship to Other Businesses
Isolated business, occasional supplier role	Closely tied to other businesses. Agribusiness. Integrated into a larger food-chain industry.

# Agriculture Study Guide

**JS Bruner**

## **Agriculture Study Guide:**

**Agriculture Science "a Complete Study Package"** Pushpendra K. karhana,2020-04-26 India being an agrarian society has always regarded agriculture as the back bone of her economy Time and again the agriculture sector has highlighted its importance by contribution towards the overall growth of the whole nation Agricultural science is a broad multidisciplinary field of biology that encompasses the parts of exact natural economic and social sciences that are used in the practice and understanding of agriculture As the book name suggests Master Guide Agriculture Science covering various sections viz Principle of Crop Production Gardening Science Soil Science Soil Fertility and Fertilizers Agricultural Economics Genetics of Plant Breeding Plant Pathology and Entomology etc The study guide provides the complete syllabus into 8 Units in total that are further divided into 22 Chapters giving complete theory in Chapterwise manner sufficient number of MCQs has been incorporated in each chapter Apart from theory stuff this book also concentrates on the practice part providing Latest question papers of various exams The book will be equally useful for UPSC State PSCs ARS JRF NET BHU which covers the subject of Agriculture Science As the book contains ample number study as well as practice material it for sure will help the aspirants score high in the upcoming examinations

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