Market Analysis

Introduction

Without modern agricultural techniques, current population levels could not be sustained and projected near-term population growth would create stresses that would destabilize the current global social and political order. Relatively recent innovations in seeds, chemicals and fertilizers have enabled agricultural producers to meet the ever-growing demands of a hungry world population. Even with the rapid increases in agricultural productivity, however, challenges for the agriculture industry to supply the growing global economy with sufficient supplies of agricultural staples are greater now than ever before. A new green revolution similar to the one that took place during the latter part of the 20th century is taking place all over the world to meet the expected demand by the growing world population and its increased standard of living.

Scope and Importance

Economic growth and industrialization of a nation are inextricably linked to the continuous availability, access, diversity and modernization of its agriculture sector. Agriculture, in fact, plays a vital function in whole goals and endeavours to attain fiscal development. A lot of the present day’s developed economies initially struggled to make their agricultural sector stronger. The states at a priority basis supply monetary help to their farmers, researchers and scientists with a plan to boost their agricultural inventions still further. Agricultural science is among one of the best career options of a study and because of the lack of information and proper guidance, peoples usually under-estimate this field. Each and the every requirements and need of creature including food, clothing and shelter are straightforwardly rewarded by agriculture. A continuous research work is involving in this field to provide the maximum necessities to the ever-increasing population of the world. Essentially, the entire agricultural land expansion might be taken place in developing countries of the world. Consequently, the importance of agriculture to society impinges on our quality of life, food, nutrition, clothing and locality where peoples are living.

List of Global Universities

- University of Cambridge, UK
- University of Oxford, UK
- Massachusetts Institute of Technology, USA
- California Institute of Technology, USA
- Harvard University, USA
- Princeton University, USA
- Yale University, USA
- Imperial College London, UK
- University of Chicago, USA
- ETH Zurich, Switzerland

List of Research Centres

- The Japan International Research Centre for Agricultural Sciences (JIRCAS), Japan
- National Agriculture Research Centre (NARC), Pakistan
- National Research Institute of Aquaculture (NRIAQ), Japan
- Chugoku National Agricultural Experiment Station (CNAES), Japan
- Japan Sea National Fisheries Research Institute (JSNFRJ), Japan
- National Research Institute of Agricultural Economics (NRIAEC), India
- Bioversity International Maccarese, Roma, Italy
- International Food Policy Research Institute (IFPRI), USA
- International Centre for Tropical Agriculture (CIAT), USA
- International Maize and Wheat Improvement Centre (CIMMYT), Mexico

Universities and Research institutes in Asia

- University of Tokyo, Japan
- National University of Singapore, Singapore
- Peking University, China
- Tsinghua University, China
- Seoul National University, South Korea
- University of Hong Kong, Taiwan
- National Taiwan University, Taiwan
- Tokyo Institute of Technology, Japan
- KAIST - Korea Advanced Institute of Science and Technology, Korea
- Osaka University, Japan
Funding

SFAC is an exclusive Society focused on increasing incomes of small and marginal farmers through aggregation and development of agribusiness. SFAC has pioneered the formation and growth of Farmer Producer Organizations/Farmer Producer Companies, which is now being implemented across the length and breadth of the country. SFAC is progressing towards establishing an eco-system for FPOs/FPCs to make them sustainable and viable in the long run. SFAC offers Schemes like Equity Grant and Credit Guarantee Fund Scheme to FPCs to improve availability of working capital and development of business activities. SFAC promotes development of small agribusiness through its VCA Scheme for value added processing and marketing linkages.

Conclusion

The agricultural sector is of important importance for the region. It is undergoing a method of transition to a economy, with substantial changes within the social, legal, structural, productive and provide set-ups, as is that the case with all other sectors of the economy. These changes are in the course of a decline in agricultural production for many countries, and have affected conjointly the national seed offer sectors of the region. The region has had to face issues of food insecurity and a few countries have required food aid for IDPs and refugees.

Asia Pacific agriculture equipment market size, by product, 2014 - 2025 (USD Billion)

Source: www.grandviewresearch.com