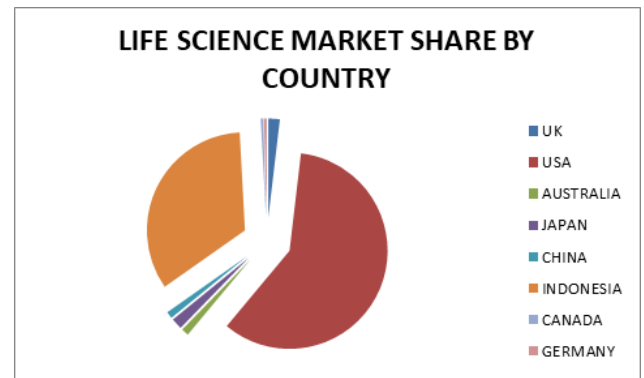


## Safeguarding the Plant Community for Global Development and Environmental Concerns

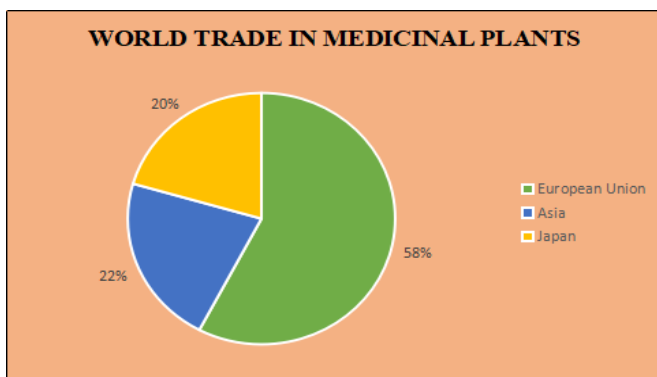
Yamani Tiwari\*

Assistant professor, Vivekananda Global University, India; Email: Yamini.tiwari@gmail.com

[Agriculture](#) is the study of the structure and function of plants and other process of plants. It is a division of biology pertaining to plant life, along with their processes and functions. It is experimental, laboratory-based field of science that requires knowledge of physics and chemistry. It is relevant to number of industries, medicine, agriculture, food production and textiles.



In addition, precision farming is expected to expand from around FY 2018, as the system realizes internetworking between agricultural machineries and systems will get popularized. Japanese consumers are renowned for placing enormous importance on consuming food in both safe and high quality. Japan is the trendsetter in many areas, it is the useful gateway to other markets within Asia. There is an increase in demand for natural ingredients as phytochemicals help in the prevention of delay aging products. Process, chronic diseases, improves health and increase life expectancy. The further raise in the manufacturing of phytochemicals is due to demand for nutritional



### Importance & Scope:

The scope of plant science has increased to include the study of over 550,000 kinds or species of living organisms. Historically botany covers all organisms that were not considered to be animals. Plantlife can be studied from different perspectives, from the molecular, genetic and biochemical through cells, tissues, and plant organelles. Plants are the fundamental part of life on earth. It is believed that the evolution of plants has changed the global atmosphere of the earth. It involves breeding plants for various reasons such as increasing yield and quality, heat and drought resistance, resistance to phytopathogens and enhancing the nutritional quality of crops. At the plant science conference will be gathering experienced from the universities so that new ideas or new trends or research will come with the discussion.

### Market Report:

Japan is the world's 3<sup>rd</sup> largest economy with a total gross domestic product of US\$4.1 trillion in 2015. According to an estimate of a research company, size of the domestic market for agriculture was approximately 9.72 billion yen in FY 2015. But after FY 2018 it is expected that sales and operational support solutions will increase.

