

Role of Agriculture in the Human's Life

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INTRODUCTION

Agriculture is the backbone of human life. Humans has to depend entirely on Agriculture. Agriculture is the raising of crop plants and rearing of animals for the benefits of human beings. It provides us food, feed, shelter, wood, fiber and many other things. Due to agriculture humans get meat, fruits, vegetables, eggs, wood, fiber and many other products. Humans are able to get fodder and forage for domestic animals by agriculture. Conventional and modern agriculture have played an important role in the life of humans. Conventional agriculture was based on traditional and simpler techniques which were very easy and cheap but very time consuming. But on the other hand, modern agriculture is very technical, a little bit tough, expensive and time saving. In traditional methods, all steps from preparations of soil up to harvesting of products were done through traditional methods. Sowing of seeds were by hands. Irrigation system was traditional and there were hand weeding and there were no concepts of inorganic fertilizers, weedicides, pesticides, insecticides and mechanical threshers. But by passing the years, humans started to modify their lives and their living standard got rising. Humans also made easy ways to approach to latest techniques. Now, the methodology from sowing to harvesting and modification of products into by-products has been entirely changed. Now, a farmer adopts modern techniques for preparation of soils. He uses different ploughs for ploughing. He remains in contact with trained persons. He sows seeds by using fungicides. Fungicides are those chemicals which prevent the sown seeds from the attack of fungi, bacteria and molds. Farmer sows the seeds by seed driller, irrigation is done by tube wells or canals. Inorganic fertilizer is also used as an input to the crop plants. Use of pesticides, insecticides and weedicides is extremely high.

The isolation of products from plants is modernized as mechanical threshers and de-hullers are manufactured now. The fiber or lint is now picked from bolls by mechanical pickers. Now, technology is so advanced that different industries have been running which synthesize special by-products from the products. This is leading to the diversification of agriculture. Now, breeders have made such crop varieties which yield massively. The layers and broilers has fulfilled the need of meat and eggs. Fish farming is also contributing well in agriculture. Now, a new technique in agriculture called biotechnology has revolutionized it. Biotechnology is the branch of science which elaborates the use of biological systems of organisms for the benefits of human beings. BT-Cotton is the example of Biotechnology. Biotechnological techniques are much complex. Genetic engineering is one of them and it is very charming for mankind. So, this is the complete discussion about role of agriculture in the

human life. We expect from the agriculturists and biologists that they will try their best in the future to serve the humans better than now.

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