



Why Innovation is Necessary in Agriculture?

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Received: January 17, 2020

Published: February 25, 2020

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Agriculture has main role in the survival of life. Every human being depends on food and food is obtained through plants and animals. Agriculture covers the raising of plants and rearing of animals for the food purpose by humans. Agriculture provides us with meat, grains, fruits, vegetables, eggs, milk and other products for the nutrition of us. It is running through years and years and was conventional during the earlier stages of it but with the passage of time, modernization took a starting in it. Now, the techniques and methodologies in Agriculture are advanced as compared to the earlier. We can say that now Agriculture has got a point of advancement. We can take the example of seed industry. First of all, seeds were not treated with fungicides but now they are treated with fungicides. Now, the concept of hybrid seed technology, composite variety, double haploid breeding, synthetic variety and many other have revolutionized the Agriculture. Now, Innovation has come and it is very necessary for the human's community as the population is increasing at very rate but resources are limited. Population problem is so much critical that now scientists and agriculturists are thinking about to minimize the expenditures of inputs but to maximize the outputs like yield, fruits, vegetables, meat and other products. Innovation is coming day by day in real life technologies from the laboratory and theories. Agriculture provides main benefits to the human kind like shelter, food and others but due to modernization and advancements humans are also violating the natural resources like use of inorganic fertilizers, hybrid seeds, advanced seed sowing practices, use of pesticides, weedicides and herbicides and many others techniques and methodologies have made innovations critical. Because quality of the yield is limited which is an alarming situation for the humans. Being a farmer, scientist, agriculturist or as a normal person it is our duty to adopt those techniques which are very safe for the humans and society because there should be no violation or wastage of the natural resources. We should, no doubt, move towards the advancement and modernization but we should keep in our mind that by using these techniques either we are saving our environment or not. This is the main conclusion of the topic discussed earlier. So, a society with good agricultural practices is a healthy society which keeps the doctors away.

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