

Agricultura Industrial

Industrial Farming

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Resumen

La biotecnología ayuda a los agricultores a cultivar más alimentos utilizando menos tierra utilizando prácticas agrícolas que son sostenibles para el medio ambiente, también las empresas de biotecnología emplean microbios que pueden hacer que los cultivos sean más productivos y tolerantes al estrés ambiental, para ayudar a alimentar a los próximos mil millones de personas. y además mejoran la producción y la economía de los agricultores.

Palabras clave: Biotecnología, agricultores, cultivar, alimentos, microbios, alimentar, economía.

Abstract

The Biotechnology help to farmers to grow more food using less land using agricultural practices that are environmentally substantiable. Also, biotechnology companies are employing microbes that can make crops more productive and tolerant of environmental stress, to help feed the next billion people, and besides, they improve the production and the economy of the farmers.

Keywords: Biotechnology, farmers, cultivate, food, microbes, feeding, economy.

Introduction

Biotechnology is any technological application that uses biological systems, living organisms, to make or modify products or processes for specific use.

Modern **biotechnology** provides breakthrough products and technologies to combat rare diseases, reduce our environmental footprint, feed hungry people, use less and cleaner energy, and have safer, cleaner and more efficient industrial manufacturing processes.

Problem

A problem is that industrial farming and food production have prompted dramatic shifts in the world economy, and fewer than 5% of developed countries' populations now work in agriculture. But the World Bank predicts that we will need to produce yet another 50% more food by 2050 while climate change may reduce productivity by 25%.

Methodology

Biotechnology allows farmers to grow more food on less land using agricultural practices that are environmentally sustainable. Through biotechnology seeds yield more per acre, plants naturally resist specific insect pests and diseases, and cultivation techniques improve soil conservation.

Solution

Biotechnology companies such as Indigo Agriculture are employing microbes which can make crops more productive and tolerant of environmental stress, helping to feed the next billion people. In addition, drought resistant crops are being developed by Pioneer, Syngenta, and Monsanto. Foods can also deliver enhanced nutrition, such as Golden Rice with additional vitamin A from the International Rice Research Institute.

Conclusion

In conclusion, biotechnology help to the problem of people that are hungry In other countries. I think that biotechnology help a lot to the farmers and the agricultural economy, how I all ready said biotechnology help using a microbe that help making crops more productive and tolerant helping to feed a lot of people.

References

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