

Genetically Altering Foods

People always wonder what we could do to make a difference in this disease filled world. They are trying to come up with medicine that could change the world, and prevent, and even stop diseases from growing, or forming. But what if we could do this by altering foods genes to combined them to help fight those diseases and make a difference. That is were GMO's can come in, or genetically altering food. A genetically altered food is a food that has been modified by adding another DNA strand from a different food, this will alter the original food in it. The purpose of a genetically altered food, it to create benefits to foods, making super foods that are better for you, or help to prevent something. They also help society in agriculture standpoints by helping to to maintain crops in certain times or levels. There are many pros to genetically altered food, they can help to prevent different diseases, and sickness, they help people to become healthier, in a lot of situations GMOs use less money to produce the food, and they use less pesticides. But on the downside a lot of people feel that genetically altered foods aren't that great for you, some people don't see them as something that should be possible, because it is not all-natural. Some genetically altered foods can also produce their own insecticide, which is a bacterial toxin. They also don't need tiling, slowing, and stopping the environmental benefits of reduced tilling. Although Genetically altered foods can be very helpful, and they can taste good because of the combinations of food. There are many harmful effects including food allergies because it is a new food, and people have not been tested for it. Increases in toxins, because although the plants that we have, have a low level of toxins it can't affect us, but with the combinations of food, there is a worry that toxin levels will rise. There can also be a decrease in nutritional value, because by inserting a new gene can decrease the mineral, nutritional, value of a plant. They decide what food to use and what to change, based off 2 things. What can different food offer, and what can we change to improve one food, or another. They decide what food they are going to use based off of what they want, if they want to have a certain thing fixed or improved, or helped, they look at what that food has to offer and what would be the best combination. They decide what they want to change by adding the gene that they want in the other food. They need the correct piece that has the gene that will help to improve the food. It has also been found that goods that have been genetically modified while have amazing health benefits, aren't always good for you. All thought genetically modified foods can do great things, and help the environment, there are also chances that you could dentally dominate the ecosystem and compromise its bio diversity. But there are also the health consequences, yes there are benefits from GMO's but there are a lot of long term effects that we don't know about that could hurt someone. GMO's are being done in companies like Monsanto and companies of similar products. They believe that even if you band them, that it will not stop people because they will still believe that they can do something to make that difference. Yes it is being done today, it is in many foods, and products. It is in golden rice and in flood resistant rice, 90% of soybeans, sugar beets, yeast, cassava (potato like plant), 50% of papaya from Hawaii, bananas, artificial food flavorings, sweeteners, preserves, potatoes, corn, tomatoes, squash, vegetables oils, and other oils, salmon, peas, pork, and 75% of honey found in the US. There are many plants in the future that people will want and try to modify, for example the plants for california, helping them to become fire resistant so it will help slow the fire's. The biggest reach

for gmOs is to make plants, and foods insect resistant, and herbicide resistant, because it will change the future of our foods.

Resources:

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