

Gene Recombination's History

People had used cross breeding in vegetables before 1977.



In 1977, techniques of genetic modification were brought to Japan from the North American continent.



People were successful in making reductions in growing time.

Summary

We thought that the genetic modification techniques were very good but we found through our research that it had many problems.

But it can make the process of selective breeding faster, so we want to solve the problems of genetic modification. We should be careful about the genetic modification techniques.



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MOTIVE

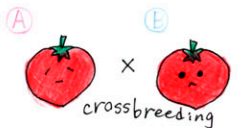
We wanted to know about familiar genetic modification techniques because we often see it but we don't know it well.

PURPOSE

We wanted to examine genetic modification.

The difference between genetic modification and crossbreeding

Crossbreeding



We sometimes make different breeds.

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It takes more time



It is disease resistant and is delicious.

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- (A) It is weak against diseases but, it is delicious.
 - (E) It is disease resistant but, it isn't delicious.

Genetic Modification



It is disease resistant and it is delicious.

Disadvantages

- May destroy natural environments
- May create new viruses
- May create species having no nutrients

★ To do genetic modification takes less time than crossbreeding.