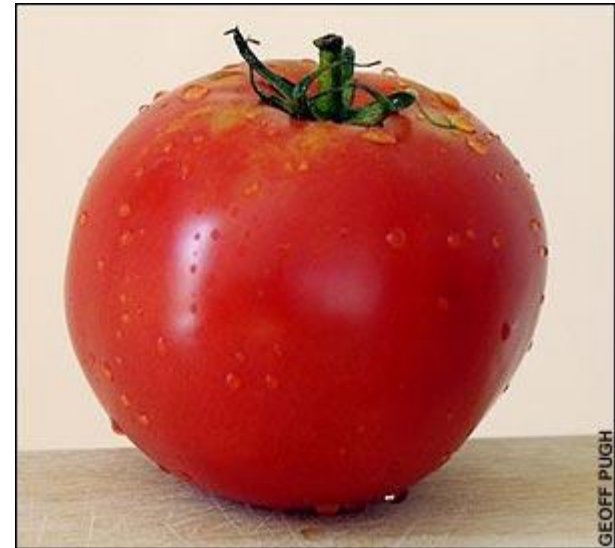


## GM crops 'low risk' for humans

GM stands for Genetic Modification.

Genetically modified crops are plants, grown for food, that have been genetically engineered.

Most Britons 'oppose GM crops'



There is a lot of controversy surrounding GM crops. In the next part of the lesson you will look at both sides of the argument and hopefully come up with your own opinion:

GM study shows potential 'harm'

GM tests show wildlife dangers

Are you pro-GM or anti-GM??

# Genetic Modification

The task:

There has been a lot of information about GM crops in the press – some of it very negative. Write an **balanced** article about GM crops. You must include what genetic modification means, some examples of GM crops, why we have developed genetically modified crops and the possible worries about growing them.

**Grade E:** You have given examples of GM crops (to include how insect-resistant plants can be made using the toxin gene from *Bacillus thuringiensis*)

**Grade D:** You have mentioned what genetic modification means

**Grade C:** You have shown you have an understanding of why we have developed GM crops, and mentioned a possible worry.

**Grade B:** You have written a balanced article, and mentioned the benefits as well as the possible problems with GM crops.

**Grade A:** You have shown a more detailed understanding of genetic modification, explaining how it is carried out (the use of *Agrobacterium tumefaciens* as a vector) and why it changes the crop.

**GM - the end to world hunger?**