

# Download Impact Of Genetic Modification On Foods

Genetic engineering, also called genetic modification or genetic manipulation, is the direct manipulation of an organism's genes using biotechnology. It is a set of technologies used to change the genetic makeup of cells, including the transfer of genes within and across species boundaries to produce improved or novel organisms. New DNA is obtained by either isolating and copying the genetic ... Genetic modification is the process of altering the genetic makeup of an organism. This has been done indirectly for thousands of years by controlled, or selective, breeding of plants and animals. Definition. Genetically modified foods are foods produced from organisms that have had changes introduced into their DNA using the methods of genetic engineering as opposed to traditional cross breeding. In the U.S., the Department of Agriculture (USDA) and the Food and Drug Administration (FDA) favor the use of the term genetic engineering over genetic modification as being more precise; the ... 1. Introduction. Invention of phytase in 1907 is considered as one of the most important landmark discoveries in the feed industry during the past century (Cromwell, 2009). Since then, science and technology advances led this versatile enzyme to establish as a predominant candidate in the global enzyme sector.