

Genetic Modified Crops: Cultivation Areas, Experiences and Breeding Targets

The first part of the presentation will focus on giving an overview of the development of the global genetically modified (GM) crop cultivation area, combined with the leading countries in the cultivation of GM crops. The development of the main GM crops (Maize, Soy, Cotton and Canola) will be discussed as well as several smaller GM crops which are cultivated commercially and the type of modification made to the crops (Herbicide resistant/Insect resistant/stacked traits). The second part focusses on the experiences of commercial GM crop cultivation, highlighting the effects of GM crops, the successes and failures, and barriers by using examples. The presentation will conclude with an overview of GM crops in the pipeline and key targets which can have significant impacts on our agricultural production systems.