

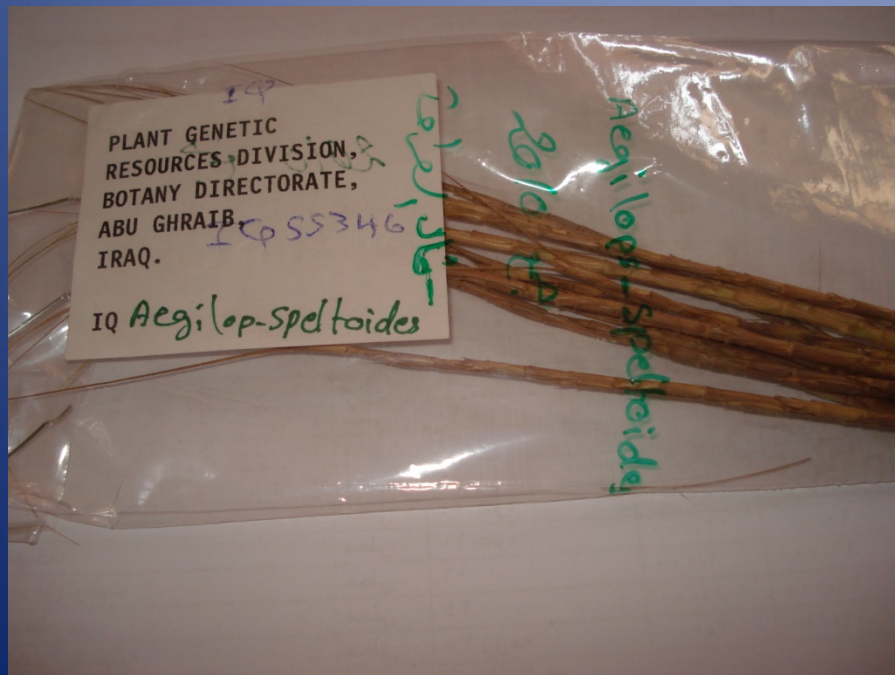
**Status and
experiences
related to the
implementation of
GMO legislation in
Iraq**

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Global importance of biological diversity in Iraq

Iraq is the motherland of
Many crops, including wheat, barley,
lentils,



- * Many animals like Wild goat, Water buffalo, deer
- * Iraq is a corridor for many species of migratory birds (417 species of birds which 182 are migratory through Iraq)
- * Many kind of fish (106 species of fish, including 53 bass)
- * Many of the wild plants with medical uses and sources of genetic task for many of the materials
- * Many kinds of palm trees up to 546 varieties

Goals

- To maintain biological diversity
- Protection of biodiversity
- Sustainable use of components of biodiversity

Emergence of new challenges
from developments in the field
of modern biotechnology,
represented by the emergence
of new strains of genetically modified
organisms as a result

There is a need for a law

- To control the development of research in the field of modern biotechnology
- to reduce the genetic errors that may occur negative impact on human health, animals, plant and the environment (to ensure the level of adequate safety)
- To control the transfer and handling of genetically modified organisms that may have adverse effects on the conservation and sustainable biodiversity

Cartagena Protocol on Biosafety and Nagoya Protocol

- Biosafety goals is to control the imported materials, including materials that genetically modified organisms by the **officials of biosafety laboratories** and the **imposition of sanctions** by the international standards (through the application of legal standards in accordance with international agreements) **used to take actions necessary measures against importers**

Cartagena Protocol on Biosafety and Nagoya Protocol

Iraq's accession to the Biosafety Protocol

In July 2009, Iraq joined the Convention on Biological Diversity (CBD). After joining to CBD, National Committee on Biosafety been formed and chaired by the Ministry of Environment

National Committee on Biosafety

- Because of the lack of clear legislation and explicit special biosafety of living modified organisms in Iraq, a subcommittee of the National Committee on Biosafety has been formed to study a number of legislation in this area of law, Algerian, Yemeni, Iranian, Syrian, Jordanian and Libyan

National Committee on Biosafety

- Prepared a draft of national legislation on Biosafety (draft Biosafety law of Living Modified Organisms and their products) and presented to the advisory board of Agriculture and Water Office and several other parties for comments.
- The Council of State / Ministry of Justice now study the draft of Biosafety law before being sent to the Iraqi Council of Representatives.

We have used **PCR method** to detect a transgenic construct present in many imported crops in Iraqi market like potato, green and yellow pepper and corn

