

**DECISION TAKEN PRIOR TO ENFORCEMENT OF
BIOSAFETY ACT 2007**

**APPLICATION FOR APPROVAL FOR IMPORT FOR RELEASE OF
PRODUCTS OF MON 810 MAIZE FOR SUPPLY OR OFFER TO
SUPPLY FOR SALE OR PLACING IN THE MARKET**

NBB REF. NO: JBK(S) 602-1/1

APPLICANT: MONSANTO

**DECISION ACKNOWLEDGED BY NATIONAL BIOSAFETY BOARD:
25 MAY 2010**

Description:

Mon 810 YieldGard™ is a variety of maize that was produced by inserting the cry1Ab gene (which codes for the production of the insecticidal protein) isolated from *Bacillus thuringiensis (Bt)* into the maize cultivar Hi-II by particle acceleration (biolistic) transformation. The genetic modification affords resistance to attack by the European corn borer (ECB).

Safety Assessment:

Safety assessments and proximate analysis carried out on the nutritional composition of MON810 grain indicated that there was no variation between the transgenic line and the conventional counterpart. Test results indicate that there is a low potential for toxicity and allergenicity of the Cry1Ab protein. In simulated gastric fluids, the protein rapidly degraded and when administered to laboratory mice, did not display any acute toxicity, showing that consumption of the protein by humans and animals did not have any negative consequences.

This corn variety is being imported into the country for the food, feed and processing industry and shall not be used for intentional introduction into the environment.