



National Biosafety Council

General Secretariat

Cell Phone: +249912828951

E-mail: Sg.sbsa@hotmail.com



Standard Operation Procedures for Introduction of new GMOs

- 1. Notification** (Form A2)
- 2. Review of risk assessment file**
- 3. Compliance:** Gene scan for the modification gene(s) and absence of foreign genes.
- 4. Containment trials:**
 - Gene efficacy in achieving the target objectives (bioassay – protein profile ... etc)
 - Contained pre-evaluation (Laboratory, insect proof cages, glass or green houses etc.). Gene efficacy, yield, quality control etc.
- 5. Biosafety trials:**
 - Toxicity and allergenicity (gene products)
Monogastric animals (Rats, rabbits), Ruminant (goats, sheep,): General performance and health, general observations.
- 6. Confined field trials (crops):**
 - Multilocation evaluation trials
General observations, yield and quality, effect on other pests, beneficial insects and predators, Effect on soil microorganismsetc
- 7. Compositional analysis:**
 - Approximate analysis for products and byproducts.

Separate approval is required for each of the above steps.

Guidelines for Research Protocols

- I) Introduction
- II) For each trial
 - Trial Title
 - Trial Objective:
 - Main investigator and contributing scientists
 - Time frame
 - Methodology
 - Expected output
 - Tentative budget
- III) Client Obligations
 - Cost of trials and other fees
 - Material