



BMT/13/28 Add.

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

**WORKING GROUP ON BIOCHEMICAL AND MOLECULAR TECHNIQUES,
AND DNA-PROFILING IN PARTICULAR**

Thirteenth Session
Brasilia, November 22 to 24, 2011

ADDENDUM

USE OF DNA AS REFERENCE SAMPLES OF PROTECTED VARIETIES IN BRAZIL

Document prepared by experts from Brazil

Use of DNA as Reference Samples of Protected Varieties in Brazil

BMT 13/28

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Laboratory of Analysis, Characterization and Differentiation of Plant Varieties
LADIC
SNPC/DEPTA/SDC/MAPA



REVISION ON PVP LAW

- Extend breeders' rights to harvest material;
- Restricts the farmers' privilege;
- **Protection for all species;**
- Increase the duration of protection;
- Review DUS procedures (accreditation/DUS field inscription for inspection);
- Improve the enforcement measures



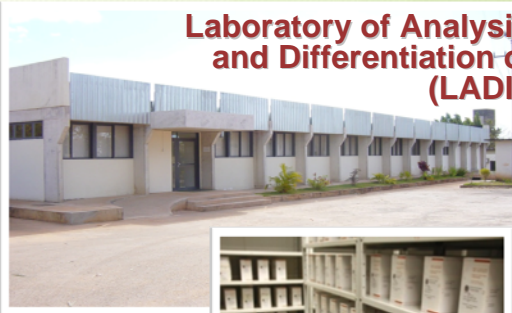
LODGE OF APPLICATIONS

DECLARATORY SYSTEM

- Electronic Application Form
- Technical Report
- **Reference sample** (A live sample must be submitted to the SNPC. The applicant must comply with all import procedures.)
- Sworn Statement
- Tax



Laboratory of Analysis, Characterization and Differentiation of Plant Varieties (LADIC)



Seed Bank



DNA Bank

- ✓ ASSISTS the trials for distinctness of varieties by analysing morphological characteristics of live samples;
- ✓ PROMOTES reference studies to standard seed descriptors;
- ✓ PROVIDES support to field tests;
- ✓ STORES live seed samples of lodged and common knowledge varieties;
- ✓ SUPPORTS seed inspection activities.

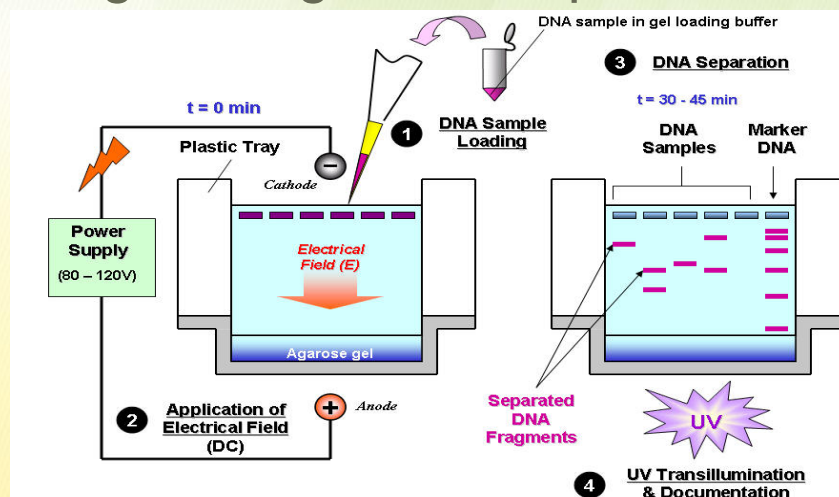


Legal Basis

- 2009 – Ministry of Agriculture Normative Instruction 58
 - Procedures for the delivery of genomic DNA samples of protected varieties, when requested.
 - Information such as DNA extraction methodology, date and results of qualitative and quantitative analysis of the samples
 - Double check performed by LADIC (spectrophotometer or photo documentation of the DNA analysis on agarose gel electrophoresis)



Agarose gel electrophoresis



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**Thank you for the attention!
We wish you a very fruitfull meeting!**

SNPC

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➤ **Vegetal > Registros e Autorizações**
> Proteção Cultivares

