



# **ISTA GMO Task Force**



**Chair: Norbert Leist**

**Report at the Ordinary Meeting 2005**

**Bangkok, Thailand**



**Session 26 April 2005, 09<sup>00</sup> - 12<sup>15</sup>**





## ISTA Position Paper 2001

**„ISTA will focus its activity on developing a system targeting the uniformity in GMO testing results, not only by the uniformity in GMO testing methodology, but by a performance based approach.“**

**„In the performance based approach, the laboratories have to demonstrate that the GMO detection, identification or quantification methods used for reporting results on the ISTA International Seed Lot Certificate fulfill requirements concerning **repeatability and reproducibility**. This can be done using certified reference materials and/or using results of proficiency tests.“**





## To reach the goal the following groups have been installed within the Task Force

- **Strategy Working Group** **Norbert Leist**
- **Rules Chapter Working Group** **Michael Kruse**
- **Proficiency Test Working Group** **Bettina Kahlert**
- **Exchange of Information Working Group** **Enrico Noli**
- **ECOM – Accreditation Working Group** **Joel Lechappe**





## **Committee Members of the GMO Task Force**

**Chair: Norbert Leist Germany**

### **Strategy Working Group**

**Chair: Norbert Leist Germany**

**Michael Kruse Germany**

**Enrico Noli Italy**

**Doris Dixon United States**

**Jean-Marie Debois OECD Secretariat**

**Bernard Le Buanec ISF Secretariat**

**Michael Muschick ISTA Secretariat**

**Bettina Kahlert ISTA Secretariat**



### **Activity**

**General considerations**

**Discussion on Proficiency Test Spiking**

# Rules Chapter Working Group



**Chair:**                    **Michael Kruse**  
                                  **Sandy Ednie**  
                                  **Sofia Ben Tahar**  
                                  **Sandra Seeman**  
                                  **Michael Sussman**

**Germany**  
**Canada** (until 2004)  
**France**  
**United States**  
**United States**



# Proficiency Test Working Group



**Chair:**

**Bettina Kahlert**

**Don Cerwick**

**Sylvain Gregoire**

**Christoph Haldemann**

**Jean-Louis Laffont**

**Anja Matzk**

**Kirk Remund**

**Quentin Schultz**

**Gé W. Van den Bovenkamp**

**ISTA Secretariat**

**United States**

**France**

**Switzerland**

**France**

**Germany**

**United States**

**United States**

**Netherlands**



# Exchange of Information Working Group

Chair:

Enrico Noli  
Greta de Both  
DaNell Jamieson  
David Zhang

Italy  
Belgium  
United States  
France



**ISTA / FAO – Seed Testing Training Course  
on Electrophoretic and PCR-Techniques  
for Variety Verification and GMO Detection  
Kingston, Jamaica 2005**

**Organizers**  
Prof. Helen Asemota and Dr. Wayne A. McLaughlin  
University of West Indies

**Coordinated by**  
Dr. Kakoli Ghosh and Branislava Opra

**Lectures and practical work**  
Dr. Christoph Haldemann, Mrs. Monika Haueter  
Dipl. Biol. Andrea Jonitz, Mr. Rainer Knoblauch



## Further Members



**Eugenia Barros**  
**Erik Gatignol**  
**Leopold Girsch**  
**Lutz Grohmann**  
**Timothy J. Gutormson**  
**Ljubomir Horvath**  
**Benjamin Kaufman**  
**Nigel John Kilby**  
**Berta Killermann**  
**Brian Savoy**  
**Chris Sikolas**  
**Michael Star**  
**David Stimpson**  
**Henk Joos**  
**Olfat H. El Bagoury**  
**Ana Laura Vicario**  
**Satish Rai**

**South Africa**  
**France**  
**Austria**  
**Germany**  
**United States**  
**Slovakian Republic**  
**United States**  
**Finland**  
**Germany**  
**United States**  
**Greece**  
**United States**  
**United States**  
**Belgium**  
**Egypt**  
**Argentina**  
**United States**





**The work of the GMO Task Force is done in close cooperation with the**

- **Statistics Committee**
- **Variety Committee**
- **Rules Committee**
- **Executive Committee and the ISTA Secretariat**

**Your highly active and engaged work in this field brought us straight forward even in such a new challenging area of seed testing.**

**Therefore I gratefully thank all of you!**





## **Timetable 26.04.2005 Bangkok**

- 1. Report from the Exchange of Information Working Group**  
- time: 09:00 – 09:30                      *Enrico Noli*
  
- 2. Accreditation of GMO testing laboratories**  
**Rating of the Proficiency Test**  
- time: 09:30 – 10:00                      *Sylvain Grégoire*  
**Auditing process**  
- time 10:00 – 10:30                      *Joel Léchappé*
  
- 3. Results of the ISTA GMO Proficiency Test**  
- time: 10:45 – 11:15                      *Sylvain Grégoire*
  
- 4. Proposal for a Rules Chapter for GMO testing**  
- time: 11:15 – 12:15                      *Michael Kruse*





## **The future of the Task Force lies in the hands of the ECOM**

### **vision for 2007**

- **Strategy Group** **ECOM and Secretariat**
- **Rules Chapter** **Working Group in the VAR Committee**
- **Proficiency Test Working Group** **Working Group in the PRO Committee**
- **Exchange of Information** **Working Group in the VAR Committee,  
cooperative with the Secretariat**
- **Accreditation Standard remains with ECOM and Secretariat**



With the **Proficiency Test System** the ISTA GMO Task Force has elaborated a sound solution which allows a profound testing ensuring reliable results regarding **GMO material** in seed lots from sampling up to reporting.





**My thanks go to all collaborators  
from the official, private and company side  
for sharing their spare time working with  
the urgent GMO testing problems.**

**Upon your high engagement the ISTA could reach the goals.**

**I am looking forward on a fruitful teamwork further on.**

***Thank you***

