

International Seed Testing Association
28th congress 2007, Iguassu falls, Brazil



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TComm: Advanced Technologies

The latest developments in seed quality



- Why this new workgroup?
- What is the mission of this workgroup?
- Who will participate?
- What is the program for the next three years?
 - Internal rules and guidelines
 - A “New technology List”
 - Testing two promising emerging technologies
- What are the goals for the next three years?
 - 2007 / 2008
 - 2008 / 2009
 - 2009 / 2010
- Conclusions

Why this new Committee

- New, emerging technologies are produced in an almost daily way.
- These technologies need to be sorted and recognized .
- Then they need to mature and to proof themselves before they could be considered for improving existing rules or even creating new ones.

What is the mission?

- Signaling function of emerging technologies.
- Evaluation of selected emerging technologies.
Control, Evaluate, Advise and Coordinate further use for positive, new emerging technologies.
- Bring these technologies to the attention of the existing TComms or create a task force to further develop these technologies into usable systems or rules.
- Create a system to bring these promising technologies to the attention of all ISTA members.

Who is participating?

- Chairman: Johan Van Asbrouck Thailand
- Vice chair: Bert van Duijn The Netherlands
- Members:
 - Pascale Jansen Belgium
 - SVR Rao India
 - Harry Nijenstein The Netherlands
 - Zhujun Zhu China
 - Tim Loeffler United States
 - Brigitte Hamman Switzerland
 - Joost van den Burg The Netherlands
 - Kent Bradford United States
 - Hans Joachim Henn France
 - Rukui Huang China
 - Graeme Smith Australia
 - Frikkie Marais South Africa
- Candidate members : many, but many more are welcome

A collection of sprouted red lentils is scattered across a white background. Each lentil is a deep red color and has a small green shoot emerging from its top. From the base of the shoot, a thin, yellowish, curly tendril grows outwards. The lentils are arranged in a somewhat circular pattern, with some showing more advanced stages of sprouting than others. The lighting is bright, casting soft shadows on the white surface.

Program for the next 3 years:

What is the program ?

The strategic program that was proposed to and agreed by the Executive Committee for the period 2007 till 2010:

- Internal rules and guidelines
- Signal function for new emerging technologies
- Performing an assesment on at least 2 advanced technologies

Internal rules and guidelines

To develop a new technology takes time and money

Many technologies are developed by commercial companies, who try to protect their investment

This committee has to give every new technology to see



The need for clear and well defined internal rules and guidelines

Signal function

We have to prepare a “list” of these advanced technologies

Application form; stating claims, supporting evidence ...

All applications will be discussed within the workgroup and can be accepted or rejected

All applications will be mentioned in the list, even the rejected ones

Assesment of advanced technologies

- If an advanced technology was already discussed by an existing TComm.
- If an advanced technology falls within the scope of an existing TComm.
- If an advanced technology falls within the scope of more than one existing TComm.
- If an advanced technology falls outside the scope of the existing TComms.
- If an advanced technology was rejected by the ATC (advanced technology committee)



Goals for the next 3 years:

Goals for 2008

- A first draft for guidelines and internal rules will be prepared and discussed.
- The layout, needed documents and setup for a “advanced technologies list” will be made and be put in an electronic form on a website.
- A first list will be proposed.

ISTA Congress, Bologna, Italy – 16 to 19 June

Goals for 2009

- The final draft for guidelines and internal rules
- An updated “advanced technologies list”
- Some preliminary data of the first chosen technologies to be assessed.

ISTA Congress, Zurich, Switzerland – 15 to 18 June

Goals for 2010

- The final document concerning the internal guidelines and rules of the new technologies committee
- The updated “advanced technologies list”
- At least two evaluation reports of the chosen technologies

ISTA Congress, ?



Thank You Very Much

Interested?

**Please contact
any committee member**

