

ISTA TETRAZOLIUM WORKSHOP

March 1st to 5th, 2004
Taipei



Organized by:
International Seed Testing Association

Collaborated by:
Department of Agronomy
National Taiwan University

Sponsored by:
Council of Agriculture
TAIWAN



PROGRAMME

Monday (March 01)

- 08.00 Registration
- 08.30 Opening of the Workshop
- 09.00 Lecture: Presentation of ISTA
- 10.00 Lecture: Introduction to Tetrazolium Testing
- 10.30 Coffee break
- 11.00 Practical work: *Triticum* presentation of the method, preparation: longitudinal cut, embryo excision
- 12.00 Lunch
- 13.00 Lecture: Tetrazolium salts and their biochemistry
- 14.00 Practical work: *Triticum* evaluation
- 15.00 Practical work: *Lolium* preparation transection
- 15.30 Coffee break
- 16.00 Lecture: Presentation of the New ISTA Workingsheets
- 17.00 Final discussion; Soak *Pisum*
- 19.00 Reception (Howard International House)

Tuesday (March 02)

08.30 Practical work: *Lolium* preparation longitudinal cut, *Oryza* preparation, *Pisum* in TZ

09.15 Practical work: *Lolium* evaluation transsection

10.00 Coffee break

10.30 Lecture: Germination and vigor

11.15 Practical work: *Lolium* evaluation longitudinal cut

12.00 Lunch

13.00 Practical work: *Oryza* evaluation

14.00 Practical work: *Pisum* evaluation

14.30 Practical work: *Brassica* preparation

15.30 Coffee break

16.00 Practical work: *Phaseolus* preparation, cut, soak; *Tagetes* soaking, *Allium* soaking

16.30 Lecture: Tetrazolium and vigor

17.30 Final discussion

Wednesday (March 03)

08.30 Practical work: *Brassica* evaluation; *Phaseolus* in TZ

09.15 Practical work: *Tagetes* preparation

10.00 Coffee break

10.30 Lecture: Explanation and presentation of staining patterns

11.15 Practical work: *Allium* preparation

12.00 Lunch

13.00 Lecture: Quality assurance and
Tetrazolium
14.00 Practical work: *Tagetes* evaluation
15.00 Coffee break
15.30 Lecture: Work of and in the
Tetrazolium Committee
16.30 Practical work: *Cucurbita* soaking
17.00 Final discussion

Thursday (March 04)

08.30 Practical work: *Cucurbita* preparation
09.30 Practical work: *Lactuca* preparation
for soaking
10.15 Coffee break
10.45 Practical work: *Allium* evaluation
11.30 Practical work: *Phaseolus* evaluation
12.00 Lunch
13.00 Excursion

Friday (March 05)

08.30 Practical work: *Lactuca* preparation
for TZ
09.30 Practical work: *Cucurbita* evaluation
10.15 Coffee break
10.45 Discussion items from participants //
tropical and subtropical species
12.00 Lunch
13.00 Discussion and presentation from
participants
14.00 Practical work: *Lactuca* evaluation
15.00: Final discussion, adjournment
19.00 Farewell Party (University Hall)

Lecturers:

Prof. Dr. Norbert LEIST

Mrs. Stefanie KRÄMER

Participants:

CHANG, Jen-Chuan ----- Taiwan

CHOU, Yung-Chi ----- Taiwan

FAN, Ming-Jen ----- Taiwan

HUANG, Shu-Fong ----- Taiwan

IZUKA, Misato ----- Japan

JAGADISH, G.V. ----- India

Jan, Chen-Han ----- Taiwan

LU, Hsueh-I ----- Taiwan

MUN, Gyong-Deuk ----- Korea

NEGI, HARISH CHANDRA SINGH ----- India

OAKLEY, Kay ----- United States

SHRESTHA, Hari Kumar ----- Nepal

THAMMASAK, Thongket ----- Thailand

TSAI, Tung-Yao ----- Taiwan

WEY, Chiu-Kai ----- Taiwan

YANG, Jeng-Chuann ----- Taiwan

YEH, Ko-Sung ----- Taiwan

