ISTA Montevideo 2015

ISTA – Montevideo 2015

- What happens at an ISTA meeting?
- Meetings and presentations
- Technical committee members (TCOM)
- Interested persons
- Rules proposals are discussed and voted
- If accepted will then become part of the ISTA rules as from 1st January following the meeting

Who can vote at ISTA Meetings?

- **ISTA has 202 Member Laboratories**
- **42 Personal Members & 43 Associate Members** in 79 countries/distinct economies
- 120 of the ISTA Member Laboratories are accredited by ISTA and entitled to issue ISTA International Seed Analysis Certificates (OIC)

- **Designated authorities – one vote only**

Voting at ISTA Meetings

- *On behalf of government, voting by one Designated Member only one vote per country*

- A Designated Member is a Personal Member designated by their Designated Authority and, ……entitled to vote in meetings of the Association

Who can vote at ISTA Meetings?

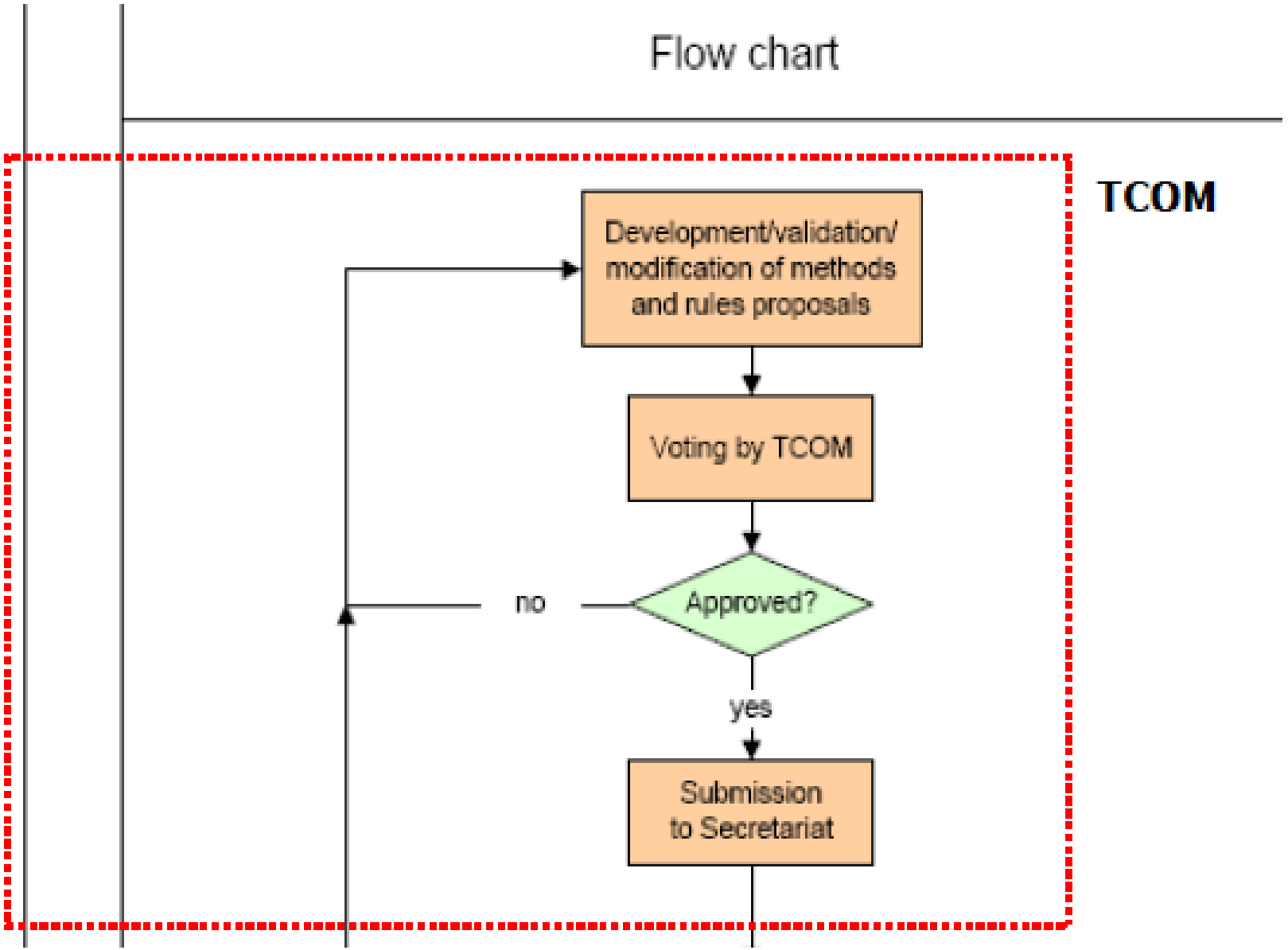
- **Each country with ISTA Laboratories elects a Designated Authority**
- **DEFRA = Designated Authority in UK**
- **Designated ISTA laboratories:**

GBDL01 = OSTS for England & Wales (Cambridge)

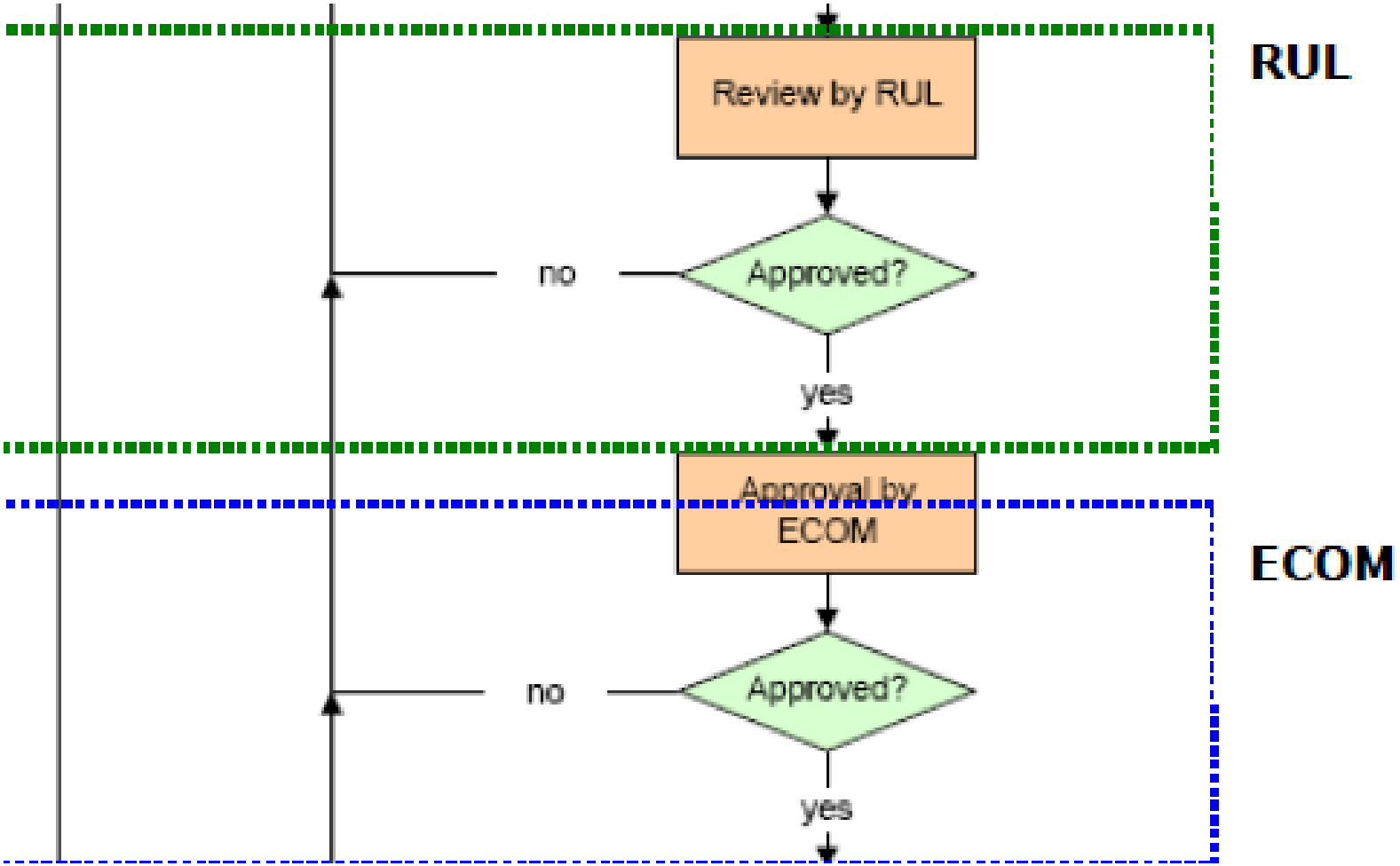
GBDL03 = OSTS for Northern Ireland (Belfast)

GBDL04 = OSTS for SASA (Scotland)

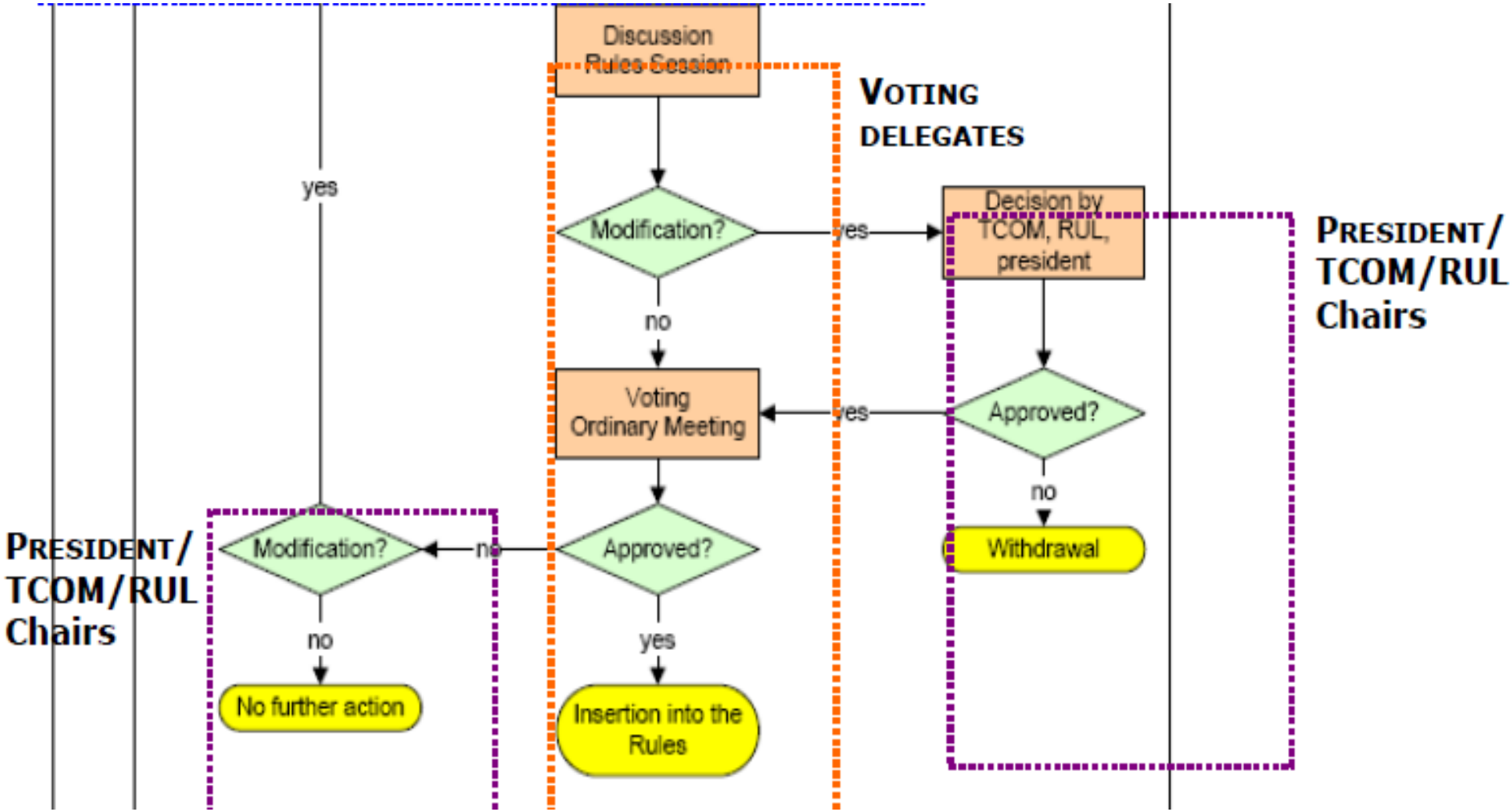
Voting process at ISTA Meetings



Voting process at ISTA Meetings



Voting process at ISTA Meetings



18 ISTA Committees

Advanced Technologies Committee
Bulking and Sampling Committee
Flower Seed Testing Committee
Forest Tree and Shrub Seed Committee
Germination Committee
GMO Committee (formerly GMO Task Force)
Moisture Committee
Nomenclature Committee
Proficiency Test Committee
Purity Committee
Rules Committee
Seed Health Committee
Statistics Committee
Seed Storage Committee
Tetrazolium Committee
Variety Committee
Vigour Committee

Seed Science Advisory Group (SSAG) new April 2015

Plant Science into practice

ISTA Rules changes voted June 2015 – effective 1st January 2016

A. Editorial corrections to nomenclature and incorrect cross references

B.1.1. No new species added to Rules

B.1.2. ISTA Stabilized List - no Nomenclature changes – next revision due in 2019

C.1.1. Clarification about issuance of certificates, certificates can be completed in any language, new wording/definition for 'seal of lot'

C.2.1. Chapter 2, 2.8 Table 2.A. Additional text added for clarification on exceptions to maximum lot sizes, new text for 'large herbage seed lots', may have a maximum seed lot size of 25,000 kgs (+5%) *if produced by an approved production plant*, references to herbage & amenity deleted and other references to 'herbage' changed to *Poaceae*

C.2.2. Chapter 17, references to herbage & amenity deleted and other references to 'herbage' changed to *Poaceae*

ISTA Rules changes voted June 2015 – effective 1st January 2016

C.3.1. Revised PSD 4 new wording added regarding seeds of *Helianthus* with fused pericarps (Slides 15, 16 & 17)

C.3.2. Revision to 3.5.2 retention of separated components (Slide 18)

C.4.1. To amend the definitions for 'other seed determination' (Slide 19)

C.5.1. Changes to permit a 200 seed germination test for ISTA BIC only

C.5.2. Clarification on required actions when counting errors occur, when more than 5 seeds are lost or found then the test must be repeated

C.5.3. Clarification of reporting germination when disinfection is applied

C.5.4. Omitting the first count when germination tests are carried out in Organic Growing Media – for tests in sand, organic growing media or soil lasting not more than 7-10 (14) days the first count may be omitted

C.5.5. Amendment to the process for retesting, new text added

ISTA Rules changes voted June 2015 – effective 1st January 2016

C.7.1. Correction to text in existing seed health method 7-007 (refers to disease testing on linseed/flax) additional incubation method added - alternating 2 hr periods of darkness / NUV light

C.7.2. Modification to existing seed health method 7-022 (refers to Agar method for the detection of *Microdochium nivale* and *M. majus* on *Triticum* spp.), new text and images added

C.7.3. Addition of grow-out method for existing seed health method 7-026 (refers to Detection of Squash Mosaic Virus, Cucumber Green Mottle Mosaic Virus and Melon Necrotic Spot Virus in Cucurbits to confirm the presence of SQMV - supported by a validation study)

C.9.1. Changes to methods for cutting seeds for moisture testing

C.9.2. Changes to methods for cutting large tree seeds for moisture testing

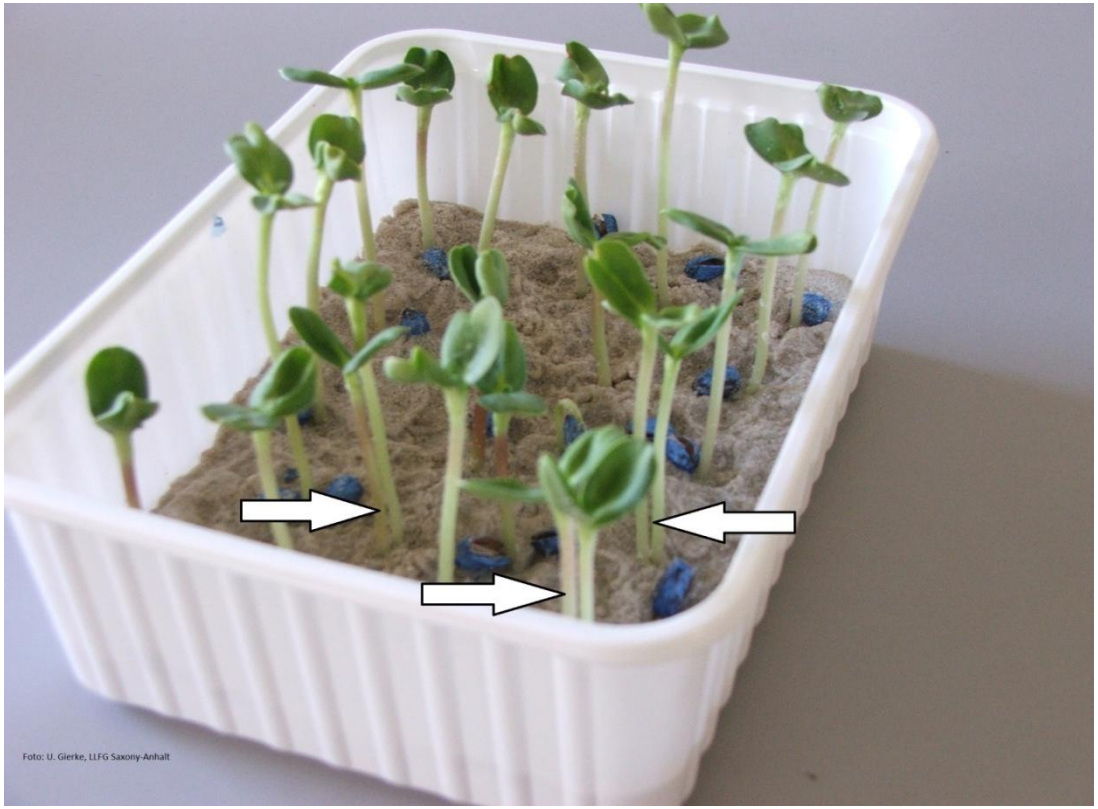
C.11.1 Clarification of procedures for evaluation, calculation and reporting of pellets without seedlings (Slides 20 & 21)

C.3.1. Revised PSD 4

- Fused pericarps in *Helianthus?*
- Change the PSD number?
- Add wording in PSD 4?

C.3.1. Revised PSD 4

- Fused pericarps in *Helianthus*



C.3.1. Revised PSD 4

- Achene, with or without beak, pappus or bracts, including achenes where two or more seed units are joined together by fused pericarps, unless it is obvious no seed is present.
- ……..
- ……..
- ……..

C.3.2. Revision to 3.5.2 on retention of separated components

Current wording

After weighing, the components must be retained and stored for reference until sample disposal (see 2.5.3 and 2.5.4.7).

Proposed wording

After weighing, the other seeds components must be retained and stored for reference until sample disposal (see 2.5.3 and 2.5.4.7).

C.4.1. To amend the definition for other seed determinations

- Rewording and re-ordering of the text
- Numbering of definitions:

  Complete test (4.2.2), Limited test (4.2.3), Reduced test (4.2.4), Reduced-limited test (4.2.5)
- Text about dust like seeds moved to definitions, as it applies to more than the 'Complete test' category
- Wording regarding dust like seeds has changed to 'dust like seeds of *Orobanchaceae* species such as *Orobanche* or *Striga*'

C.11.1. Evaluation of seed pellets not of the species stated by the sender or pellets without seedlings

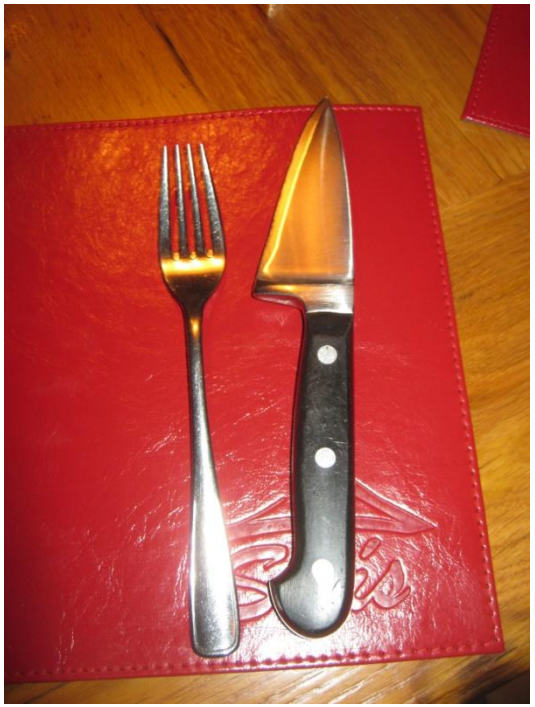
11.5.6.5 Evaluation Evaluation of seedlings as normal or abnormal must be in accordance with Chapter 5. Abnormality may on occasion be due to the pelleting or tape material and when this is suspected a retest must be carried out in soil of good quality in accordance with 5.6.5.	**11.5.6.5 Evaluation** Evaluation of seedlings as normal or abnormal must be in accordance with Chapter 5. Abnormality may on occasion be due to the pelleting or tape material and when this is suspected a retest must be carried out in sand, organic growing media or soil of good quality in accordance with 5.6.5. Normal or abnormal seedlings that are obviously not of the species stated by the sender must be counted separately. And excluded from the calculation (see 11.5.7) Pure pellets may not produce any seedling at the end of the test period. These pellets "without seedlings" can be evaluated as: **Hard seeds:** when ungerminated pellets include hard seeds (see 5.2.10) **Fresh seeds:** when ungerminated pellets include fresh seeds (see 5.2.10) **Dead seeds:** when ungerminated pellets include inert matter, no seed or ungerminated other seeds, not detected as such prior the germination test. They can also include dead seeds for the species stated.

C.11.1. Evaluation of seed pellets not of the species stated by the sender or pellets without seedlings

11.5.7 Calculation and expression of results …	**11.5.7 Calculation and expression of results** … When seedlings that are not from the species stated by the applicant are found at the end of the germination test, their number must be counted and subtracted from the total of the five categories normal seedlings, abnormal seedlings, hard seeds, fresh seeds and dead seeds. This new total must be taken as the basis for the calculation of the percentages using simple proportional calculation.
11.5.8. Reporting results … Seedlings that are obviously not of the species stated by the applicant, even if otherwise normal, must not be included in the germination result, but their number must be reported separately.	**11.5.8. Reporting results** … Seedlings that are obviously not of the species stated by the applicant, even if otherwise normal, must not be included in the germination result, but their number must be reported separately under 'Other determinations'.

Montevideo

Eating out



Evening entertainment

Plant Science into practice

Colonia Del Sacramento

Colonia Del Sacramento

Thank you for your attention
Any Questions?