

## MOI SEED MOISTURE COMMITTEE

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### A Rules development

#### A.2 Introduction of New Species

	COM	Species	Subject	Proposed finalisation	Collaboration
1	MOI	<i>Solanum nigrum</i> , <i>Passiflora edulis</i> , <i>Cleome hassleriana</i> , <i>Carica papaya</i>	Validation of these species, according to the new Chapter 9 of the ISTA Rules. Test Plan developed and sent to reviewers - December 2008	2010	

#### A.3 Introduction of Rules Changes

	TCOM	Subject	Proposed finalisation	Collaboration
1	MOI	Check effect of particle size on moisture test results. Results inconclusive further work required past 2008.	2008	STA
2	MOI	Check effect of grinders on particle size distribution and loss of moisture during grinding. Results inconclusive further work required past 2008.	2008	STA
3	MOI	Check need for grinding of <i>Gleditsia triacanthos</i> , <i>Albizia julibrissin</i> , <i>Medicago sativa</i> , <i>Lotus pedunculatus</i> , <i>Lotus corniculatus</i> , <i>Trifolium pratense</i> , <i>Trifolium repens</i> , <i>Vigna radiata</i>	2010	STA
4	MOI	Introduce missing tolerances or improve existing tolerances for: - oven-oven for comparison of the same sample in one lab; - oven-oven for different samples in the same/different labs; - meter-meter for different samples in the same/different labs; - oven-meter for different samples in the same/different labs.	2010	STA
5	MOI	Check if the 200g TSW in 9.1.5.5 Cutting for tree and shrub species is appropriate and if 10g or 20g of seed rather than 10 intact seeds can be cut	2010	FTS

## B Publications

### B.2 Training publications on specific seed testing topics

	COM	Publication title	Proposed finalisation	Collaboration
1	MOI	Comparison of oven moisture tests at 103°C and 130°C (Nijënstein, H., Don, R. and Nydam, J. 2008. Comparison of oven moisture tests at 103°C and 130°C. STI 135)	2007	
2	MOI	Tolerances in moisture testing (Nijënstein, H. 2008. Tolerances in ISTA moisture testing: a discussion paper. STI 136)	2008	STAT
3	MOI	Grinding in moisture testing (STI)	2008	

### B.3 Scientific information publications

	COM	Publication title	Proposed finalisation	Collaboration
1	MOI	Comparative testing (3 papers for SST: time study, oil content, other factors)	2009	STAT

## C Workshops and seminars

### C.1 Training and education workshops

	COM	Workshop subject	Proposed Date	Region
1	MOI, FTS, TEZ	Moisture, Forest tree and shrub, Tetrazolium	2008, June	Italy
2	MOI, GER, VIG	Moisture, Germination, Vigour	2008, July, held 2008, November	Kenya
3	MOI, TEZ, GER	Moisture, Tetrazolium, Germination	2009 (cancelled on advice of local organisers)	Australia
4	MOI, FTS	Moisture, Forest Tree & Shrub	2009, March/April, postponed until 2011	Brazil

## D Proficiency tests

	Proficiency Test Subject	Proposed date	Collaboration
1	Moisture to be included in round 08-1 <i>Lolium</i> (no grinding)	Completed 2008-02	PT
2	Moisture to be included in round 09-2 <i>Linum usitatissimum</i> (no grinding)	2009-02	PT
3	Moisture to be included in round 10-1 <i>Vicia faba</i> (grinding)	2010-02	PT

## E Questions to the Committee

	Subject of Question	Date	From (Country)
1	Calibration of grinders to meet ISTA tolerance for fine grinding	01.2008	United States
2	Tolerances for repeat tests, calibration of a moisture meter and samples determined at different laboratories	02.2008	Sweden
3	Species in the ISTA rules for moisture determination	03.2008	Zambia
4	How long should the submitted sample be retained (stored) after moisture determination	04.2008	Accreditation Department, Secretariat
5	Does a moisture sample for a Blue International Seed Sample Certificate have to be submitted in a moisture-proof container	04.2008	Accreditation Department, Secretariat
6	Method for Moisture Determination in <i>Amaranthus</i> spp., <i>Luffa acutangula</i> , <i>Moecuna puriens</i> , <i>Ipomoea aquatica</i> , <i>Momodica charantia</i> , <i>Cajanus cajan</i> , <i>Psophocarpus tetragonolobus</i>	06.2008	?
7	Calculation of tolerances (rounding procedures)	07.2008	Japan
8	Use of 1 hour at 130°C versus 17 hours at 103°C for <i>Lolium</i> sp.	07.2008	Japan
9	Calibration of grinders to meet ISTA tolerance for fine grinding	07.2008	Serbia
10	Use of 1 hour at 130°C versus 17 hours at 103°C for <i>Lolium</i> sp.	09.2008	Australia
11	Wording for reporting moisture method on ISTA International Seed Analysis Certificate	10.2008	Australia
12	Coarse grinding of <i>Avena</i> spp. Why?	11.2008	Japan
13	Silica gel – amount in the desiccator, regeneration frequency and shelf life	11.2008	New Zealand
14	Calibration of moisture meter – sample size	11.2008	Finland
15	Suppliers of containers for moisture determination	11.2008	Finland
16	Suppliers of ovens and desiccators for moisture determination	12.2008	New Zealand

## E Special projects

	COM	Project name/subject	Proposed finalisation	Collaboration
1	MOI	Cooperation with other organizations (ISO)	2010	ISTA Secretariat