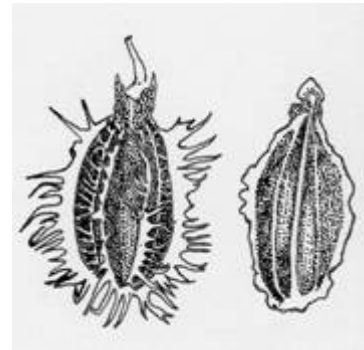




Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Canadian Food Inspection Agency



Our Vision:

To excel as a science-based regulator, trusted and respected by Canadians and the international community.

Our Mission:

Dedicated to safeguarding food, animals and plants, which enhances the health and well-being of Canada's people, environment and economy.



Reformat of Seed Analyst Accreditation Examinations

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Canada

Background

- **Last review of the Candidate's Guide was conducted in 2008**
- **Last major change to the structure occurred approximately 20 years ago**
e.g. candidates are now asked to identify 25 seeds instead of 50.



Workplan and Steps

- In January 2012, both CFIA and CSAAC exam committees met to discuss the upcoming changes
- Candidate's Guide will be reviewed jointly by both the CFIA and the CSAAC Exam committees before implementation



Workplan and Steps

- In order to avoid confusion, the new **Candidate's Guide** will be released after the candidate's have written this year

General Changes – Germination Practical

Current Structure		Proposed Structure	
Sample evaluation	40%	Seedling evaluation in sample	40%
Reporting	10%	Seedling evaluation with photos **including TZ photos for fall cereals & grasses as per M&P	26%
Crop Kind Identification	5%	Crop kind identification	14%
Seedling evaluation	20%	Selection of seed for planting	10%
Selection of seed for planting	5%	Germination methodology	10%
Application of grade standards	10%		100%
Germination methodology	10%		
	100%		

General Changes – Germination Written

Current Structure		Proposed Structure	
Botany	50%	Botany: includes seeds and seedling structures and germination physiology	50%
Procedures	40%	Procedures: Germination methodology, tolerances , reporting and understanding the standards	45%
General	10%	General: includes Seeds Act & Regulations, QA, organizations related to seed testing	5%
Tolerances	10%		100%
	110%		

General Changes: Purity Practical

Current Structure		Proposed Structure	
Retrieval	25%	Retrieval	30%
Seed Identification	25%	Seed Identification	25%
Reporting	10%	Species Separation and ID	25%
Application of Grade Standards	10%	Pure Seed Definitions	10%
Species Separation and ID	10%	Purity Procedures	10%
Purity Procedures	10%		100%
Pure Seed Definitions	10%		
Scientific Names and Classification	10%		
	110%		

General Changes: Purity Written

Current Structure		Proposed Structure	
Botany	50%	Botany: includes morphology, taxonomy, terminology, diagrams, family relationships while incorporating the use of Scientific names and classification	45%
Procedures	40%	Procedures: Reporting, understanding the standards , purity calculations, checking limits, tolerances, test procedures e.g. sequential analysis, mixtures, mixing & dividing, coated seed, pure seed procedures, procedures in 3.5 & 3.8	45%
General	10%	General: includes QA, Global questions e.g. CSGA, AOSA and ISTA Rules	10%
	100%		100%



Additional Requirements

- **Purity Practical and Germination Practical exams will have an additional requirement**

Germination Practical

The seedling evaluation in a sample question will be marked separately with an 80% pass

Purity Practical

**Retrieval question will be marked separately
with an 80% pass**



Written Exams

- **70% pass for both Purity and Germination**

Overall Structure

- **All exams will be open book**
- **All exams will be 3 hrs**

Candidate's Guide – new version

- **Remove “Appendix H” as this has become a stand alone document**
(Minimum List of Species for Seed Identification by Canadian Accredited Seed Analysts and Laboratories)
- **New version of the Candidate's Guide will be sent to all labs as well as posted on the CSAAC website.**





Questions or Comments??

