



2-Day Seed School Program Details

Educational Components

- Basics of seed biology, viability, vigour
- Seed identification (certified and weed seeds)
- 3 sections of formal instruction/lectures
- 4 sections of hands-on lab-type exercises
- Group work on Industry issue discussion/debate

Timeline

- 2-Days, 6 hours per day (8h30am-4pm)
- 2 – 15 minute breaks & 1 hour lunch

Day 1 Program:

- 1) Welcome & Overview
- 2) Group introductions activity
- 3) Seed id. Pre- Quiz
- 4) Lecture 1: Introduction to the Seed Industry in Canada and its Importance in the World Market
- 5) Group discussion and Presentations
- 6) Lab exercise 1: Seed Testing: Purity, Germination and Viability
- Lunch -
- 7) Group discussion & Presentation on lab results
- 8) Lecture 2: Canadian Certified Seed Program: The 'How' and 'Why' of the Canadian Seed Certification Process
- 9) Group Activity/discussion/presentation
- 10) Weed seed quiz
- 11) Lab exercise 2: Seed Testing: Determination of Seed Moisture Content and Vigour
- 12) Seed quiz marking and Review
- 13) Presentation of industry issue reading & format for discussion (homework)

Day 2 Program:

- 1) Wake-up Exercise and Recap of Day1 Activities

- 2) Overview of Day 2
- 3) Group Work/ Discussion on homework article
- 4) Lab exercise 3: Seed Testing: Sampling and Grading
- 5) Lecture 3 Introduction to Genetic Issues (and question period)
- 6) Seed id quiz 2
- *Lunch* -
- 7) Explanation of debate format
- 8) Group Presentations on issue article
- 9) Debate of issue
- 10) Group presentations and discussion on lab results (combined results of all 4 labs)
- 11) Marking and review of answers to quizzes
- 12) Summary and Evaluations