

## Fact Sheet

### STUDENTS BECOME SEED SURVIVORS

Do you have what it takes to be a Seed Survivor? The Royal Agricultural Winter Fair will play home to this cool, new, interactive display for ten days this November teaching young and old visitors alike the basic facts about what nutrients plants need to survive from the classroom to the virtual vegetable garden. In order to become the next Seed Survivor, visitors will be faced with challenging educational exercises where they will need to successfully complete tasks at nine different learning stations. Who will be the next Seed Survivor?



#### What is Seed Survivor?

Seed Survivor is a curriculum-based, interactive display developed by Agrium, a company that manufactures products that enhance the growth of vegetables and maintain soil quality. Seed Survivor teaches students that plants need the right balance of water, light, healthy soil and nutrients in order to survive. Agrium believes learning in a fun environment will engage and encourage students to take a more active interest in plant biology, agriculture, nutrition and environmental issues for our future. Students will need to complete activities at nine different interactive stations to receive a stamp on their Seed Survivor passports. Those able to face the challenge and receive all nine stamps will be named a "Seed Survivor".



#### What will students learn?

- What makes up healthy soil
- Why plants need light, water and nutrients to survive
- How plants grow
- Different type of nutrients for soil
- Various parts of a plant
- How to plant and care for a real seed

#### Fun Facts

- The double coconut boasts the largest seed in the world, sometimes measuring up to 50cm (1.6ft) around the middle.
- Orchids have the smallest seeds in the world with some pods holding up to three million seeds.
- Many popular foods have originated from seed including cereal, toast, pizza and rice dishes!
- In Canada, seeds found in frozen soil are thought to be more than 10,000 years old!
- Even if a seed is planted upside down, the seedling always grows right-way up.
- Canada is the largest exporter of mustard seed in the world, producing 140,000 – 300,000 tonnes annually.

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For more information visit [www.royalfair.org](http://www.royalfair.org) – November 6-15, 2009  
Materials and images can be downloaded for media use

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