

Seed, Grow & Show

First Visit - 1st April 2015

Activity 1 - Planting

Students were lead by Growers Melita and Jamie Jurgens to plant 2 varieties of watermelon into the plastic. Students also discussed the differences within and between groups of organisms and the classification between different plants.

Activity 2 - Soil Health

Gerry Macmanus from CSIRO explanted PH in Soils and the students performs PH tests on a range of soils. They also discussed the water holding capacity of different soils and the students performed a water capacity test.

Activity 3 Agriculture & the Reef

Steve Tiley from Growcom talked to the students about problems which are currently affecting the reef and discussed the agricultural practices which are used to protect the reef.

Second Visit - 24th June 2015

Activity 1 - Pest & Disease

Agronomist Evan Shannon from Farmacist highlighted some of the key pest and disease issues for watermelons and corn.

Activity 2 - Harvest

Growers Steven Land and Mark Goos showed students how to harvest the watermelon and corn and discussed post harvest care of the crops and field.

We would like to thank the Rabobank Ayr Client Council members who supported each of the activities.

Seed, Grow and Show is sponsored by Rabobank and supported by the Department of Agriculture and Fisheries and Bowen Gumlu Growers Association. *Seed, Grow & Show* aims to raise the awareness of Burdekin Agricultural industry. The project enables students to grow watermelons and corn at the Ayr Research Station over a 13 week period, and then enter the produce into the Burdekin Show. The students visited the Ayr Research Station in Term 1, to plant the crops and then again in Term 2, to harvest the crop. The Ayr Research Station maintained the crops between the two visits and sent fortnightly updates to the students.

The activities conducted during *Seed, Grow and Show* link to the year 7 science curriculum.

- There are differences within and between groups of organisms, classification helps organise this diversity.
- Interactions between organisms can be described in terms of food chains and food webs, human activity can affect these interactions
- Scientific knowledge changes as new evidence becomes available, and some scientific discoveries have significantly changed people's understanding of the world
- Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management
- People use understanding and skills from across the disciplines of science in their occupations.



Corn



Watermelon

Seedless Watermelon & Ginger Smoothie

Serving Size:

Makes 2 large servings

Ingredients:

- 1/3 medium wedge seedless watermelon, cubed
- 1 cup cracked ice
- 1/2 cup natural yoghurt
- 1 tablespoon caster super
- 1/2 tsp grated fresh ginger

Method:

1. Place all ingredients in blender and blend until smooth
2. Serves in tall glasses

Recipe and photo supplied courtesy of Australian Melon Association.



Barbecued corn and chorizo salad

Serving Size:

4

Ingredients:

- 4 corn cobs, husks and silk removed
- 2 (125g each) chorizo sausages, sliced
- 1 medium green capsicum, finely chopped
- 1 medium avocado, chopped
- 100g baby roma tomatoes, halved
- 1/2 cup fresh coriander leaves, chopped
- 2 tablespoons lime juice

Method:

1. Place corn on a microwave-safe plate. Cover with plastic wrap. Microwave on HIGH (100%) for 4 minutes.
2. Heat barbecue plate on medium heat. Cook corn, turning, for 8 to 10 minutes or until browned. Transfer to a plate. Set aside for 2 minutes to cool slightly. Add chorizo to barbecue plate. Cook, turning, for 2 minutes or until browned all over. Remove.
3. When corn is cool enough to handle, use a sharp knife to slice kernels from cob. Place corn kernels, chorizo, capsicum, avocado, tomato, coriander and lime juice in a bowl. Season with salt and pepper. Toss to combine. Serve.

Recipe and photo supplied courtesy of Taste

