NZ Feijoa Growers Association's 2016 AGM & Field Day

11 & 12 November 2016
Crown Hotel
Cnr Bridge St and Hardinge Rd, Ahuriri, Napier

FRIDAY 11 NOVEMBER 2016
ANNUAL GENERAL MEETING

6.00pm Cocktail Hour - Finger Food (bar at own cost)

7.00pm AGM of NZ Feijoa Growers Association
Items at the AGM will include:

- Welcome
- Apologies
- Previous Minutes
- Report from NZFGA
- Financial Report for NZ Feijoa Growers Association
- Commodity Levy 2017 rate
- 2017 Budget
- Appointment of Executive
- General Business

9.30pm Supper

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SATURDAY 12 NOVEMBER
NZFGA FIELD TRIP

10.00am Buses depart from Crown Hotel Napier

10.40am Tauroa Feijoa Orchard, Matangi Road, Heather Smith

12.00 noon Lunch at Tauroa Orchard (Packed lunch, provided by Crown Hotel)

1.00 pm Presentations:

Andrew East: **Report from Massey University**

Dr Cassandro Amarante: Santa Catarina State University, Brazil
Feijoa production and research in Brazil, Uruguay and Colombia

2.00pm Leave for Sileni Estate, Maraekakaho Road, RD1, Hastings

Wine Tasting

Cheese platter afternoon tea

3:30**pm** Depart for Crown Hotel, Napier

7.00pm **Conference Dinner**, at Crown Hotel, Napier

Dr Cassandro Amarante

- BSc Horticulture (Fed University of Pelotas, Brazil)
- MSc in Plant Physiology (Fed University of Viçosa, Brazil)
- PhD in Plant Science (Massey University, NZ)
- Post Doctorate in Postharvest Biology and Technology (University of California-Davis, USA)

Dr Amarante has worked at Santa Catarina State University in Brazil since 1990, developing education and research activities in Postharvest Biology and Technology.

The educational activities involve teaching postharvest courses in the Plant Sciences curriculum and supervision of undergraduate (in horticulture) and graduate (masters and doctorate) students. The academic and research projects aim to investigate fundamental physiological and biochemical principles and processes that determine how harvested plant products respond to their environment and how this affects their longevity and quality. The focus is the development of improved postharvest handling practices and technologies that will ultimately improve the postharvest quality of horticultural crops.

The research projects investigate pre-harvest factors (nutrition, cultural practices and orchard treatment with plant growth regulators) affecting postharvest physiology of fruits and vegetables, and biology of harvested horticultural crops through the postharvest chain, including handling, packaging, storage and transportation, with the goal of developing sustainable handling systems.

Dr Amarante has supervised more than 40 graduate students (30 masters/10 doctorate) and published more than 150 scientific papers. He has been involved in research projects with feijoa since 2004, to summarise:

1. Fruit postharvest physiology;
2. The effects of temperature, cold chain, mechanical damage, surface coating and treatment with 1-methylcyclopropene (1-MCP) on the postharvest quality of the fruit;
3. The activity of enzymes (polyphenol oxidase, peroxidase and phenylalanine ammonia-lyase) associated with the development of flesh browning; and
4. Centesimal composition, mineral content and functional properties (phenolic content and total antioxidant activity) of fruits, flowers and leaves in Brazilian genotypes of feijoa.