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# Future Farming





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### Front Cover:

Sam Aloï from P & S Hydroponics in Rossmore, Sydney is happy with his new advanced wireless crop monitoring system from AIS Greenworks and Scott Featherston (R). See the world first technology yourself at the PCA Greenworks conference trade booth # 41 - 43  
[www.pca2015.org](http://www.pca2015.org)

### DISCLAIMER

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# PCA Chairman's Message



If you feel like you've been bombarded with PCA emails and information lately, then you are probably right!

Our thirteenth biennial conference at Jupiters, on the Queensland Gold Coast is coming up and together with the major sponsor AIS Greenworks, we want to make sure that no one misses out.

In our 2013 conference we introduced a speaker program that focussed on the many sectors represented by the PCA; cut flowers, vegetables, leafy greens and aquaponic crops, together with a strong trade exhibition.

In July 2015 the PCA Greenworks Conference continues the strategy of providing concurrent, sector specific programs with quality national and international speakers.

The workshop streams have now expanded to include berry growers, who are eager to capitalise on consumer appetite.

Select your preferred topics on the speaker program at [www.pca2015.org](http://www.pca2015.org) and get quotes and advice from the 60+ trade exhibitors available throughout.

At the same time, at Jupiters, PCA is co-eventing with the International Convention & Exhibition on Soilless Culture (ICESC 2015): Hydroponics and Aquaponics at the Gold Coast.

ICESC 2015 is a separate conference that brings international and Australian researchers and scientists together to present their recent findings related to hydroponics and aquaponics.

You can view the ICESC speaker program at [www.icesc2015goldcoast.org](http://www.icesc2015goldcoast.org)

There can sometimes be a divide between research and the practicalities of commercial production, so having growers and researchers together under one roof is a great opportunity to bridge that divide.

## Knowledge-makers joining with knowledge-users

There will be opportunities during meal breaks, at the Welcome Cocktails and during the farm tours for everyone to network and gain a better understanding across these fields.

One of the last presentations on Tuesday will be *'The Great Debate: What is most practical for Australia - low, medium, or high technology?'* where both conferences will come together to provide their viewpoints on hydroponics in Australia.

This promises to be an informative, but fun way to wrap up both the 2015 conference programs.

Leigh Taig



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AIS Greenworks  
PCA Conference

## Future Farming

**5-8 July, 2015**

Jupiters, Gold Coast, QLD



**Join** top hydroponic and greenhouse experts

**Learn** the latest technical developments and best practice

**See** a wide range of exhibitors with the latest technology

**Visit farms** to experience some of the regions most advanced growing operations

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**Join other greenhouse & hydroponic growers who learn from the best**

Emily Gangell - PCA 2015 Conference Secretariat

Ph: 03 8692 2038 Mob: 0488 663 476 Fax: 03 8658 9531  
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Saskia Blanch - PCA admin@protectedcroppingaustralia.com  
Ph/Fax: 02 9907 6633 Mob: 0414 333 996



**Levi Nupponeon**  
**Urban Ecologic Systems Australia (UESA)**

*Agro-ecology:  
Realisation of commercially viable combined aquaculture & horticulture*



**Patrick Ulloa**  
**Costa Berries**

*Quality control  
To keep the entire supply chain happy*



**Nicky Mann**  
**Nuffield Australia**

*Intensive berry production around the globe  
A Nuffield perspective*



**Hogan Gleeson**  
**Urban Ecological Systems Aust.**

**Jurgen Kleinwachter**  
**Sun Orbit, Germany**

*Developments in Solar Technology for Commercial Greenhouse Production*



**Janus Erasmus**  
**Wardell Hydroponics, QLD**

*NFT leafy greens and IPM  
A Growers perspective*

# Conference schedule

## Sunday 5th July 2015

TIME	SESSION
1 - 5pm	Trade Exhibition open
5:15 - 6pm	PCA AGM including elections
6 - 8pm	Welcome Cocktails

## Monday 6th July 2015

TIME	SESSION
7am - 8am	Women in Greenhouses Breakfast
8am - 5pm	Trade Exhibition Open
9am - 5pm	Official Opening, plenary lecture sessions, special guest speakers
6:30pm	Pre-Banquet Drinks
7pm	Banquet and Awards for Excellence

## Tuesday 7th July 2015

TIME	SESSION
8am - 4pm	Trade Exhibition Open
9am - 5pm	5x Specific Crop Workshop streams <b>Fruit &amp; Veg Vine Crops / Leafy Greens / Aquaponics / Cut Flowers / Berries</b>

## Wednesday 8th July 2015

TIME	SESSION
8am - 6pm	Choice of at least two bus tours, North or South visiting several hydroponic greenhouse sites. The North tour will include Nora Valley, who will have just finished a new 2 ha greenhouse by AIS Greenworks. Provisional return times for buses to Jupiters, Gold Coast airport and Brisbane airport are 6 pm.

## PCA Membership Deal Join now

to receive up to \$200 off  
2015 Conference registration

Membership enquiries: Saskia **0414 333 996**  
or visit [www.protectedcroppingaustralia.com](http://www.protectedcroppingaustralia.com)

### REGISTRATION INCLUSIONS

**Conference Dinner & Farm Tours** are additional to all registration  
**2 1/2 day Rego** - allows access to all sessions, Welcome Cocktails and daily catering

**One Day Rego** - allows access to all sessions and daily catering on the selected day.

**Group Rego** - for organisations sending 5+ delegates. Allows access to all sessions, welcome cocktails and daily catering.

**Students** must show proof of enrolment

**Business partners** can benefit from your PCA membership status for registration discounts.

**PCA Affiliate members** get the same maximum benefits as PCA **Full members**, although they are already members of a state-based grower group eg HFF, TAGG, WAGGA, FAQI.

**PCA Associate members** stay in the loop with a subscription to Soilless Australia Magazine.

# Register Now

REGISTRATION TYPE	PRICE	QTY
One Day <i>Student</i> <i>Monday or Tuesday</i>	\$200	
One Day <i>PCA Full / Affiliate Members</i> <i>Monday or Tuesday</i>	\$250	
One Day <i>PCA Associate Members</i> <i>Monday or Tuesday</i>	\$300	
One Day <i>Non PCA Members</i> <i>Monday or Tuesday</i>	\$350	
2 ½ Day Conference <i>Student</i>	\$350	
<b>2 ½ Day Conference Full / Affiliate member</b>	<b>\$500</b>	
Group (5+ delegates)	\$500	
2 ½ Day <i>PCA Associate member</i>	\$600	
2 ½ Day <i>Non PCA member</i>	\$700	
Conference Banquet	\$120	
Post Conference Farm Tour	\$100	
Superior Hotel Room at Jupiter's p.n. Check in: / / 2015 Check out: / / 2015	\$209	
<b>TOTAL COST \$</b>		

All prices include GST

### YOUR DETAILS

Surname:

First name:

Preferred name on badge:

Company / Position:

Address:

Suburb:  State:  P/code:

Email:

Phone:  Mobile:

Extra delegate names and email: (enter below)

2) Name:   
Email:

3) Name:   
Email:

Special requirements:

### CREDIT CARD DETAILS

Card type:  Expiry: / /

Cardholder name:

Card number:

Total amount: \$  Security code:

Cardholder's signature:

### DEPOSIT

Bank deposit to NAB

Account name: ASN Conferences Pty Ltd

Account #: 586 41 6 264 BSB #: 083 781

International Swift code: NAT AAU 3303M

### CHEQUE

Payable to: ASN Events,  
PO Box 200, Balnarring, VIC 3926

TICK your categories & TEAR HERE to SUBMIT

# PCA Growers Workshop

By LEN TESORIERO



Woolgoolga NSW May 14th 2015

Over 50 growers and allied industry representatives attended a PCA workshop held at the Woolgoolga Bowling Club on Thursday 14<sup>th</sup> May.

Woolgoolga is located near Coffs Harbour on the Mid-North NSW Coast and is a thriving region for the production of greenhouse vegetables and blueberries.

The temperate maritime climate provides ideal conditions for efficient greenhouse vegetable production and extends the blueberry fruiting season.

Growers heard from NSW DPI staff Phil Wilk and Dr Sophie Parks with updates of research into blueberry diseases and evaluation of reflective mulches for improved production and quality.

Phil detailed progress in field trials being led by Dr Rosalie Daniel to evaluate fungicides for the control of blueberry rust.

Sophie outlined how reflective mulches hasten fruit maturity and flavour.



NSW DPI development officer for protected cropping, Jonathan Lidbetter, assisting growers with crop management advice



Kellie Potts & Mark Massey

One lucky attendee, Kellie Potts, won a free registration to the PCA Greenworks Conference including accommodation at Jupiters, thanks to our industry sponsors who also provided attendees with supper and refreshments at the conclusion of the talks and discussions.

Phill Ritchie of Rijk Zwaan spoke about the potential for new blue-leaf cucumber varieties he's trialing in the district and how they are showing improved vigour and tolerance to diseases.

Dr Len Tesoriero spoke about how to recognise and be prepared for Cucumber green mottle mosaic virus, an exotic disease threat that was recently found on cucumbers near Darwin.

The meeting was generously sponsored by key industries affiliated with the PCA: Greenworks; Rijk Zwaan Seeds and Zappia Produce Group.

Zappia are a prominent Sydney Market agent who are developing their product range and geographical sources.

Acknowledgement was also made to the Australian Blueberry Growers' Association and Horticulture Innovation Australia who are funding the blueberry research with matched funds from the Australian Government.

[protectedcroppingaustralia.com](http://protectedcroppingaustralia.com)

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