




# PROGRAM


## SUNDAY, 7 JULY 2019

Time	Session	Location
1.00pm	Registration	Foyer
3.30pm	Exhibition Opening	The Star Ballroom
6.00pm – 9.00pm	<b>PCA Welcome Reception</b> proudly sponsored by <b>South Pacific Seeds</b>  <b>SOUTH PACIFIC SEEDS</b> SINCE 1986	The Star Ballroom

## MONDAY, 8 JULY 2019

Time	Session	Location
7.30am	Registration open	Foyer
8.00am	Exhibition open with arrival Tea & Coffee	The Star Ballroom
8.30am – 8.35am	<b>Opening, Welcome to Country &amp; Housekeeping</b> Ashley Walmsley (Conference MC)	Marquee
8.35am – 8.40am	<b>Welcome From Protected Cropping Australia (PCA)</b> Nicky Mann, Protected Cropping Australia	Marquee
8.40am – 9.25am	<b>The Challenge of Change</b> Meiny Prins, Priva	Marquee

9.25am – 9.50am	<b>Medicinal Cannabis Overview</b> Emily Rigby, <i>Cannatrek Ltd</i>			<i>Marquee</i>
9.50am – 10.20am	<b>Student R&amp;D Projects</b> Jeremy Prananto, Scott Nacko, Tom Gleeson, Karli Groves, Max Edgley, Janine Teese, William Nak , Edwin Darmadji			<i>Marquee</i>
10.20am – 10.45am	Morning Tea & Networking			<i>The Star Ballroom</i>
	Stream One		Stream Three	
Location	<i>Broadbeach 1 &amp; 2</i>		<i>Marquee</i>	
10.45am – 12.30pm	<b>Medicinal Cannabis</b>		<b>Trends in the Retail Sector</b>	
	10.45	<b>Welcome &amp; Overview</b> Emily Rigby, <i>Cannatrek Ltd</i>	10.45	<b>The Changing Retail and Consumer Landscape – The Opportunities For Producers</b> Tristan Kitchener, <i>Kitchener Partners Pty Ltd</i>
	10.50	<b>The Ethnopharmacology of Cannabis</b> Justin Sinclair, <i>Western Sydney University</i>		
	11.10	<b>Licensing, Regulation &amp; Design of Medicinal Cannabis Facilities</b> Matthew Hayes, <i>PharmOut</i>	11.45	<b>Supply Chain Relationships: What's In It For Protected Cropping Growers? Moderated by Tristan Kitchener</b> <i>Panel Session Speakers</i> – Frank Barillaro, <i>Roc Partners</i> – CT Johnson, <i>Waranga Green Energy</i> – Joseph Cartisano, <i>Perfection Fresh Australia Pty Ltd.</i> – Lee Peterson, <i>Berryworld Australia</i> – Gavin Scurr, <i>Pinata Farms Pty Ltd</i>
	11.30	<b>Growing Medicinal Cannabis is Pharma, Not Food</b> Sonny Moerenhout, <i>Grodan</i>		
	11.50	<b>Greenhouse Design For Medicinal Cannabis In Australia</b> Carl Van Loon, <i>Power Plants</i>		
	12.10	<b>Q&amp;A</b> (session speakers)		
12.30pm – 2.00pm	Networking & Lunch <i>proudly sponsored by Priva</i>			<i>The Star Ballroom</i>
	Stream One		Stream Two	
Location	<i>Broadbeach 1 &amp; 2</i>		<i>Coolangatta 1 &amp; 2</i>	
2.00pm – 3.30pm	<b>Medicinal Cannabis (cont.)</b>		<b>Pollination</b>	
	2.00	<b>Lighting Considerations for Medicinal Cannabis</b> Graeme Smith, <i>Graeme Smith Consulting</i>	2.00	<b>Welcome &amp; Overview</b> Romina Rader, <i>University of New England</i>
	2.20	<b>Advances in Sensor and Lighting Technology for Medicinal Cannabis</b> Travis Higginbotham, <i>Fluence Bioengineering</i>	2.15	<b>Honey Bee Colony Health and Foraging Performance Under Netting in Kiwifruit</b> Lisa Evans, <i>New Zealand Plant &amp; Food Research Institute</i>
			2.00	<b>Fertiliser Effluent Management</b> Melinda Simpson <i>NSW Department of Primary Industries</i>
			2.25	<b>Why Water Management?</b> Marcus van Heijst, <i>Priva</i>

	2.40	<b>Integration of Lighting with Climate and Irrigation</b> Andrew Olley, <i>Signify</i>	2.30	<b>Impact of Tunnel Conditions on Pollinator Visitation &amp; Yield</b> Jeremy Jones & Romina Rader, <i>University of New England</i>	2.45	<b>Overseas Trends For Protected Cropping - What Can Growers Learn?</b> Nicky Mann, <i>Family Fresh Farms</i>
	3.00	<b>Q&amp;A</b> (session speakers)	2.45	<b>Bee Nutrition &amp; Secrets Of Pollination Success</b> Wayne Fuller & Janine Rudder, <i>Bee Services</i>		
			3.05	<b>Managing Honeybee Foraging in Enclosed Conditions</b> Bruce White OAM, <i>NSW Beekeeper</i> (includes Live Demo)		
3.30pm – 4.15pm	Afternoon Tea & Networking					The Star Ballroom
	Stream One		Stream Two		Stream Three	
Location	Broadbeach 1 & 2		Coolangatta 1 & 2		Coolangatta 3 & 4	
4.15pm – 6.00pm	<b>Medicinal Cannabis (cont.)</b>		<b>Pollination (cont.)</b>		<b>Production</b>	
	4.15	<b>Dehumidification: Explained</b> Yanor Yazma, <i>DryGair</i>	4.15	<b>What Growers Need To Know About Bees &amp; Beekeepers</b> Steve Fuller, <i>Bee Services</i>	4.15	<b>Discover Smart LED Grow Lights</b> Steve Groves, Fluence by OSRAM
	4.35	<b>Growing Media for Medicinal Cannabis</b> Reyhaneh Pordel, <i>Garden City Plastics</i>	4.30	<b>A Brief Introduction to Stingless Bees (live demo)</b> Tim Heard, <i>Sugarbag Bees</i>		
	4.55	<b>Container Selection for Medicinal Cannabis</b> Elliott Akintola, <i>Garden City Plastics</i>	4.50	<b>The Potential of Solitary Bees for Protected Crop Pollination</b> Katja Hogendoorn, <i>University of Adelaide</i>	4.35	<b>Polyphosphates</b> Ronald Valke, <i>Haifa Group</i>
	5.15	<b>Q&amp;A</b> (session speakers)	5.20	<b>The Dronefly (<i>Eristalis Tenax</i>) As An Alternative Pollinator For Vegetable Seed Production</b> Amy Lucas, <i>Seed Purity</i>	5.05	<b>Protected Cropping in Northern Australia</b> Elio Jovicich, <i>Queensland Department of Agriculture and Fisheries (DAF)</i>
	5.45	<b>Close</b> Emily Rigby, <i>Cannatrek Ltd</i>	5.40	<b>Q&amp;A</b> (session speakers)	5.50	<b>Q&amp;A</b> (session speakers)
6.30pm – 7.15pm	Pre-Dinner Drinks					
7.15pm – 11.00pm	<b>2019 PCA Conference Dinner proudly sponsored by Perfection Fresh</b> 					Marquee

## TUESDAY, 9 JULY 2019

Time	Session					Location
7.30am	<i>Registration</i>					<i>Foyer</i>
8.00am	<i>Exhibition Open With Arrival Tea &amp; Coffee</i>					<i>Ballroom</i>
	Stream One		Stream Two		Stream Three	
Location	<i>Broadbeach 1 &amp; 2</i>		<i>Coolangatta 1 &amp; 2</i>		<i>Coolangatta 3 &amp; 4</i>	
8.30am – 10.00am	<b>Growing Crops Not Houses</b>		<b>Labour</b>		<b>Production</b>	
	8.30	<b>Working Through The Planning Maze</b> <i>Ian Sinclair, Edge Land Planning</i>	8.30	<b>Seasonal Worker Program</b> <i>Grant &amp; Craig Owen, Owen Pacific Workforce</i>	8.30	<b>The More You Know The Better You Grow?</b> <i>Andy Lee, Grodan</i>
	9.15	<b>From the Ground up – a Grower's Perspective</b> <i>Andrew Young, Family Fresh Farms</i>	9.15	<b>Fair Farms Initiative</b> <i>Thomas Hertel, Growcom</i>	9.15	<b>Education and Training Programs for Protected Cropping</b> <i>Zhong-Hua Chen, Western Sydney University</i>
	9.45	<b>Q&amp;A (session speakers)</b>	9.45	<b>Q&amp;A (session speakers)</b>	9.45	<b>Q&amp;A (session speakers)</b>
10.00am – 10.45am	<i>Morning Tea</i>					<i>Ballroom</i>
	Stream One		Stream Two		Stream Three	
Location	<i>Broadbeach 1 &amp; 2</i>		<i>Coolangatta 1 &amp; 2</i>		<i>Coolangatta 3 &amp; 4</i>	
10.45am -12.45pm	<b>Technology</b>		<b>When Things Go Wrong</b>		<b>Production</b>	
	10.45	<b>The Internet of Everything in Protected Cropping Systems</b> <i>Ros Harvey, The Yield</i>	10.45	<b>Maintaining Community Trust In Farmers</b> <i>Richard Heath, Australian Farm Institute</i>	10.45	<b>Introduction to Plant Empowerment</b> <i>Ton Habraken, Ludvig Svensson</i>
	11.30	<b>Engineers, Growers &amp; Technology</b> <i>Ric Otton, Dosec Design</i>	11.15	<b>Food, Fear And Social Media: An Industry Perspective Of The Strawberry Needle Tampering Incident</b> <i>Rachel Mackenzie, Berries Australia</i>	11.30	<b>The Effect of Polyphosphates In Fertigation</b> <i>Paul Eitzen, Yara</i>
	12.00	<b>The Robots are Coming</b> <i>Matthew Fealy, Hortrobotics</i>	11.45	<b>Managing a Crisis</b> <i>Sean Dignum, SDA Strategic</i>	12.00	<b>Plant Nutrition</b> <i>Domenic Cavallaro, Stoller</i>
	12.30	<b>Q&amp;A (session speakers)</b>	12.30	<b>Q&amp;A (session speakers)</b>	12.30	<b>Q&amp;A (session speakers)</b>

12.45pm – 2.15pm		Networking & Lunch proudly sponsored by Priva				Ballroom	
		Stream One		Stream Two		Stream Three	
Location		Broadbeach 1 & 2		Coolangatta 1 & 2		Coolangatta 3 & 4	
2.15pm – 3.30pm		<b>IPM</b>		<b>Biosecurity</b>		<b>Production</b>	
	2.15	<b>Getting to Know Your Bugs - Friend or Foe?</b>  Lachlan Chilman, James Altman and Jake Byrne, <i>Biological Services</i>  (This will be a hands-on workshop session.)	2.15	<b>Biosecurity Risks to Plant Production</b> John McDonald, <i>NGIA</i>	2.15	<b>New Breeding Developments</b> Harm Ammerlaan, <i>BASF</i>	
			2.35	<b>Biosecurity Alerts and Prevention</b> Len Tesoriero, <i>Crop Doc Consulting</i>	2.35	<b>Hygiene In Protected Cropping Systems</b> Nanne Bentvelzen, <i>Royal Brinkman</i>	
			2.55	<b>Biosecurity at the Pointy End: A Grower's Story</b> Marcus Brandsema, <i>Brandsema Hydroponic Tomatoes</i>	2.55	<b>Developments in Soft Fruit</b> Rene van der Meche, <i>Kekkila BVB Australia</i>	
			3.15	<b>Q&amp;A</b> (session speakers)	3.15	<b>Q&amp;A</b> (session speakers)	
3.30pm – 4.15pm		Afternoon Tea				Ballroom	
		Stream One		Stream Two		Stream Three	
Location		Broadbeach 1 & 2		Coolangatta 1 & 2		Coolangatta 3 & 4	
4.15pm – 6.00pm		<b>Berries</b>		<b>Production</b>		<b>Production</b>	
	4.15	<b>Nutrition Requirements of Evergreen Blueberry Crops</b> Sophie Parks, <i>NSW DPI</i>	4.15	<b>Biomass Energy Saves Greenhouse Business</b> Sohun Gandhi, <i>Enriva</i>	4.15	<b>A Worldwide Update On Retractable Roof Technology For Berries, Vegetables And Cannabis</b> Richard Vollebregt, <i>Cravo</i>	
	4.45	<b>Postharvest Management of Berries</b> Jenny Ekman, <i>Applied Horticultural Research</i>	4.45	<b>A Grower's Experience with LED Technology</b> Roelf Schreuder, <i>Gourmet Mokai NZ</i>	4.45	<b>Using Plastic Films in Greenhouse Production</b> Tom De Smedt, <i>RKW Hyplast</i>	
	5.15	<b>IPM Strategies for Greenhouse Production of Berry Crops,</b> Wade Mann, <i>Family Fresh Farms</i>	5.15	<b>RNAi based pesticides – Innovative crop protection strategy</b> Neena Mitter <i>University of Queensland</i>	5.15	<b>Use of Smart Glass To Reduce Energy Cost In Future Climates</b> Oula Ghannoum, <i>University of Western Sydney</i>	
	5.45	<b>Q&amp;A</b> (session speakers)	5.45	<b>Q&amp;A</b> (session speakers)	5.45	<b>Q&amp;A</b> (session speakers)	
<i>Free Evening</i>							

## WEDNESDAY, 10 JULY 2019 - Farm Tours

Here is a unique opportunity to see some of the newest glasshouses in the country, as well as meet innovative growers doing innovative things on the ground ...

### NORTHERN FARM TOUR

- Departs 7.00 am from The Star Gold Coast
- **Steritech**  
*The first whole-pallet irradiation facility customised to treat fresh produce in the world.*
- **Paradise Fruit**  
*Grows a range of berry crops under substrate in tunnels.*
- **Jongwe** (trading as Bunya Fresh) inc. Lunch break
- *A brand spanking new snacking tomato facility, with first plantings just 1 month old.*
- **Taste 'n See**  
*Which produces 1680 tonnes of strawberries pa in a table-top production system.*
- Drop off at 5.00 pm at Brisbane Airport
- Returns 6.30 pm to the Star Gold Coast

### WESTERN FARM TOUR

- Departs 7.30 am from The Star Gold Coast
- **Marlborough Nursery**  
*A large wholesale production nursery specialising in large volumes of high-quality indoor flowering and foliage plants.*
- **Koala Farms**  
*Which grows fresh produce all year round from 600 hectares across farms in the Lockyer Valley and Darling Downs.*
- **Allegro Farm**  
*A new glasshouse completed only weeks ago.*
- **4th Farm TBC**
- Returns 6.00 pm at The Star Gold Coast

*Cost \$130 per person, not included in Conference registration.*