

What happened in the Citrus Fund last year?

Annual Report 2021/22



About Hort Innovation and the Citrus Fund

Hort Innovation is the grower-owned, not-for-profit research and development corporation for Australia's horticulture sector. We work closely with industry to invest the citrus R&D and marketing levies, together with Australian Government contributions, into key initiatives for growers, through the Citrus Fund. We're proud of the work we do to help drive productivity, profitability, and demand for citrus growers and the horticulture sector.

Read on for an overview of what Hort Innovation delivered in the Citrus Fund during the year.

We also encourage you to download a copy of the overarching Hort Innovation Annual Report 2021/22 at www.horticulture.com.au/annual-report-portal to see how Hort Innovation worked to benefit the horticulture sector during the year.

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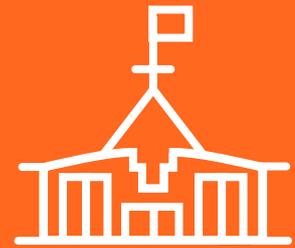
\$4.41M

invested in R&D



\$275,400

invested in marketing



\$2.95M

in levies collected
by the Government and passed on to
Hort Innovation for investment

Industry facts



6%

Growth in Australia's production of lemon/lime and mandarin industries grew at an average annual rate of six per cent and 1.3 per cent respectively



3rd

Citrus is the third largest horticulture industry by value, with the value of Australian citrus growing at an average annual rate of 6.7 per cent over the five years to 2020/21



34%

Some 34 per cent of Australia's citrus production volume was exported in 2020/21

These facts and more can be found in the Australian Horticulture Statistics Handbook, which is delivered by Hort Innovation each year. The handbook is packed with horticulture statistical information and analysis for some 75 categories. See www.horticulture.com.au/horticulture-statistics-handbook.

Consumer insights



5.3%

Citrus volume has increased by 5.3 per cent in the last year – this was primarily driven by households buying mandarins more frequently



170K

There are 170,000 more households purchasing mandarins than there was a year ago (seven million households in total)

These insights were made available through the Harvest to Home platform (www.harvesttohome.net.au) delivered as part of an investment providing regular consumer behaviour data and insight reporting.

Just some of the things delivered for you during the year



New disease management programs to manage diseases like black spot, black core rot and emperor brown spot – see hortinn.com/ct20008 and hortinn.com/ct20009



Continued efforts to deliver high-performing rootstocks and protect Australia's citrus genetic material – see www.horticulture.com/citrus



A new industry communication program, delivering the *Australian Citrus News* magazine, *Citrus eNews* emails, industry forums, and the industry website www.citrusaustralia.com.au



Biosecurity preparedness work to bolster capacity and technical capability in the citrus industry – see www.horticulture.com.au/citrus



Access to consumer insights through multi-industry investments to understand consumer behaviours, attitudes and purchase intentions – see www.horticulture.com.au/citrus



The citrus Harvest to Home dashboard providing regular household purchase data and insight reporting at www.harvesttohome.net.au



Research into orchard intensification through a Hort Frontiers Investment for tree crop industries such as almond, avocado, citrus, macadamia and mango – see hortinn.com/as18000



Investments in the Hort Frontiers strategic partnership initiative to address longer-term and often complex issues and opportunities critical to the future of Australian horticulture – see www.horticulture.com.au/hort-frontiers*

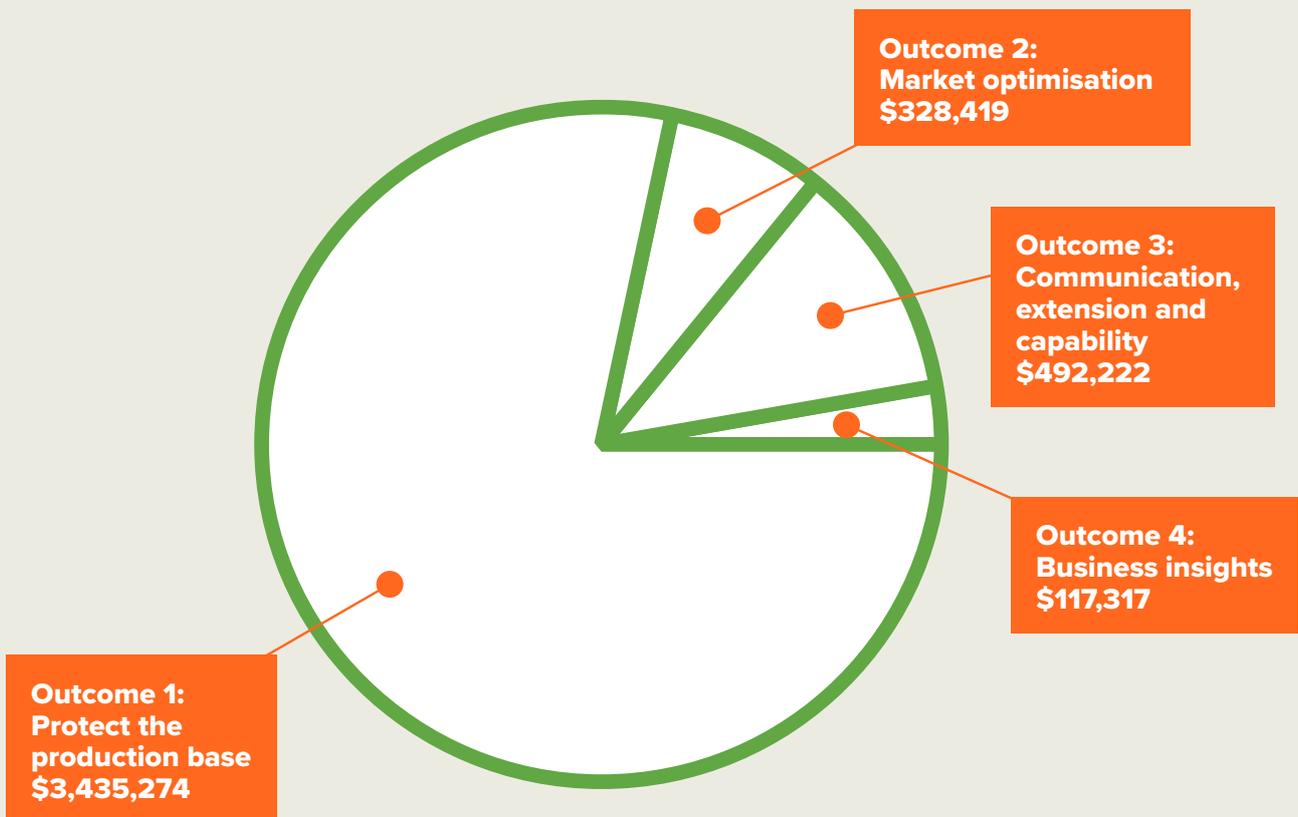


Projects supported by grants secured by Hort Innovation, ranging from cross-sector Rural R&D for Profit initiatives to horticulture-specific work to aid in access to crop protection products – see the Hort Innovation Annual Report 2021/22 for more details*

You can visit www.horticulture.com.au/citrus at any time to access information on new, ongoing and completed projects, and to download resources produced by your levy investments.

*These initiatives were delivered outside of the Hort Innovation Citrus Fund and, in most instances, did not involve the industry levy

Here's how your R&D levy was invested over the year



The citrus Strategic Investment Plan (SIP) guides investments specific to the Hort Innovation Citrus Fund. The SIP features priority outcome areas identified and agreed upon by the industry. Hort Innovation works to invest in R&D and marketing initiatives aligned to these.

The above chart shows how project expenditure in the Citrus Fund during 2021/22 was aligned to the SIP. We have allocated each project to a SIP outcome based on its primary objective.

Which projects were in each of the SIP outcome areas?

Outcome 1: Protect the production base

The Australian citrus industry has increased profitability, efficiency and sustainability by protecting the production base through innovative R&D, biosecurity preparedness and responsiveness, sustainable BMPs and superior varieties.

Project title and code	2021/22 investment	Status	More information
Citrus industry minor use permit program (CT16000)	\$700	Ongoing	hortinn.com/ct16000
Improving citrus quality with regulated deficit irrigation (CT17000)	\$71,443	Completed	hortinn.com/ct17000
Evaluation of new rootstocks for the Australian citrus industry 2017-2022 (CT17002)	\$90,000	Ongoing	hortinn.com/ct17002
Evaluation of new citrus varieties 2017-2022 (CT17006)	\$118,469	Ongoing	hortinn.com/ct17006
Improving diagnostics and biosecurity for graft-transmissible diseases in citrus (CT17007)	\$224,130	Ongoing	hortinn.com/ct17007
Protecting Australia's citrus genetic material (CT17008)	\$49,934	Ongoing	hortinn.com/ct17008
Citrus agrichemical and export MRL program (CT18001)	\$89,334	Completed	hortinn.com/ct18001
Citrus market development, market access and quality (CT18002)	\$813,709	Ongoing	hortinn.com/ct18002
Breeding new rootstocks for the Australian citrus industry (CT18004)	\$55,757	Ongoing	hortinn.com/ct18004
Afourer mandarin best practice canopy management (CT19002)	\$67,746	Ongoing	hortinn.com/ct19002
Citrus postharvest program (CT19003)	\$66,521	Ongoing	hortinn.com/ct19003
Reducing granulation in the production of Imperial mandarins (CT19005)	\$33,749	Ongoing	hortinn.com/ct19005
Integrated pest management of citrus gall wasp and Fuller's rose weevil (CT19009)	\$116,906	Ongoing	hortinn.com/ct19009
Citrus industry IPDM extension program (CT19011)	\$127,567	Ongoing	hortinn.com/ct19011

Continued

Investments

Outcome 1: Protect the production base (continued)

Project title and code	2021/22 investment	Status	More information
Preparedness and management of huánglóngbīng (Citrus greening disease) to safeguard the future of citrus industry in Australia, China and Indonesia (CT20003)	\$180,000	Ongoing	hortinn.com/ct20003
Managing microbial food safety risks in the Australian citrus industry (CT20005)	\$271,031	Ongoing	hortinn.com/ct20005
Citrus industry biosecurity preparedness strategy (CT20006)	\$351,800	Ongoing	hortinn.com/ct20006
Integrated disease management of black core rot in citrus (CT20008)	\$161,533	Ongoing	hortinn.com/ct20008
Integrated disease management of citrus black spot and 'Emperor' brown spot (CT20009)	\$118,967	Ongoing	hortinn.com/ct20009
Australian citrus breeding program (CT21001)	\$242,180	Ongoing	hortinn.com/ct21001
Protecting Australia's citrus genetic material (CT21002)	\$15,844	Ongoing	hortinn.com/ct21002
SITplus: Port Augusta Qfly SIT factory pilot operation (FF18003)	\$69,464	Ongoing	hortinn.com/ff18003
National Fruit Fly Council Phase 4 (FF20000)	\$16,000	Ongoing	hortinn.com/ff20000
Plant Biosecurity Research Initiative – Phase 2 (HA19007)	\$3,565	Ongoing	
Improving preparedness of the Australian horticultural sector to the threat potentially posed by Xylella fastidiosa (a severe biosecurity risk) (MT17006)	\$17,936	Ongoing	hortinn.com/mt17006
Improving plant industry access to new genetics through faster and more accurate diagnostics using next generation sequencing (MT18005)	\$30,000	Ongoing	hortinn.com/mt18005
Parasitoids for the management of fruit flies in Australia (MT19003)	\$10,000	Completed	hortinn.com/mt19003
Regulatory support and coordination (pesticides) (MT20007)	\$13,488	Ongoing	hortinn.com/mt20007
Strategic Agrichemical Review Process (SARP) – Updates (MT21005)	\$7,500	Ongoing	hortinn.com/mt21005

Investments

Outcome 2: Market optimisation

Market optimisation supports the Australian citrus industry to develop and diversify existing and future domestic and international markets.

Marketing activities during 2021/22 also contributed towards the market optimisation outcome. You can read more about this year's citrus marketing campaign on [p13](#).

Project title and code	2021/22 investment	Status	More information
Developing a national systems approach for meeting biosecurity requirements to access key Asian markets (AM17001)	\$30,500	Completed	hortinn.com/am17001
Citrus health and nutrition literature review (CT20004)	\$31,560	Completed	hortinn.com/ct20004
Citrus industry health and nutrition education program (CT21006)	\$89,170	Ongoing	hortinn.com/ct21006
Essential market access data packages (MT14052)	\$156,045	Ongoing	hortinn.com/mt14052
Phenomenom resources (MT21018)	\$18,706	Ongoing	hortinn.com/mt21018
Australian horticulture international demand creation (ST21007)	\$2,438	Ongoing	hortinn.com/st21007

Outcome 3: Communication, extension and capability

The Australian citrus industry has enhanced adoption of R&D and marketing outcomes through effective communication and extension initiatives.

Project title and code	2021/22 investment	Status	More information
Citrus industry communications program (CT18000)	\$206,450	Completed	hortinn.com/ct18000
Citrus harvest handbook (CT19001)	\$19,075	Completed	hortinn.com/ct19001
Citrus Technical Forums 2022-2024 (CT20000)	\$17,835	Ongoing	hortinn.com/ct20000
Citrus industry communications program (CT21000)	\$248,862	Ongoing	hortinn.com/ct21000



Investments

Outcome 4: Business insights

The Australian citrus industry is more profitable through informed decision-making using consumer knowledge and tracking, trade data and production statistics, forecasting, and independent reviews.

Project title and code	2021/22 investment	Status	More information
Independent mid-term review of CT18002 (CT21003)	\$40,100	Completed	hortinn.com/ct18002
Consumer behavioural and retail data for fresh produce (MT17015)	\$6,696	Completed	hortinn.com/mt17015-citrus
Horticulture trade data (MT19005)	\$6,026	Ongoing	hortinn.com/mt19005
Consumer demand spaces for horticulture (MT21003)	\$13,195	Ongoing	hortinn.com/mt21003
Consumer behavioural data program (MT21004)	\$18,478	Ongoing	hortinn.com/mt21004
Seasonal horticulture labour accommodation study (MT21007)	\$4,626	Ongoing	
Economic contribution of Australian horticulture (MT21010)	\$14,151	Ongoing	hortinn.com/mt21010
Pilot program: Consumer usage, attitude and brand tracking (MT21201)	\$3,152	Completed	hortinn.com/mt21201
Consumer usage and attitude tracking 2022/23 (MT21202)	\$10,895	Ongoing	hortinn.com/mt21202



Financial operating statement

Citrus Fund Financial operating statement 2021/22

	R&D (\$)	Marketing (\$)	Total (\$)
	2021/22 July – June	2021/22 July – June	2021/22 July – June
OPENING BALANCE	1,403,530	674,119	2,077,649
Levies from growers	2,567,302	378,019	2,945,321
Australian Government money	2,568,972	–	2,568,972
Other income*	4,057	101,284	105,341
TOTAL INCOME	5,140,330	479,304	5,619,634
Project funding	4,408,492	275,400	4,683,892
Consultation with and advice from growers	13,624	5,937	19,560
Service delivery – fund specific	715,828	58,216	774,044
TOTAL EXPENDITURE	5,137,944	339,553	5,477,497
CLOSING BALANCE	1,315,432	799,603	2,115,035
Levy collection costs	90,484	14,267	104,751

* Interest, royalties

Levy collection costs – These are the costs associated with the collection of levies from industry charged by Levy Revenue Services (LRS)

Service delivery – Also known as Corporate Cost Recovery (CCR), this is the total cost of managing the investment portfolio charged by Hort Innovation

Making sure that levy investment decisions align with industry priorities

What will be the Citrus Fund's focus over the next five years?



Hort Innovation developed the citrus Strategic Investment Plan (SIP) in 2021 to reflect current priorities for the citrus industry, involving extensive consultation with citrus growers and industry stakeholders, including Citrus Australia. The SIP is the roadmap that helps guide Hort Innovation's oversight and management of individual levy industry investment programs.

The citrus SIP lays the foundation for decision-making in levy investments and represents the balanced interests of the citrus industry. The most important function of the SIP is to make sure that levy investment decisions align with industry priorities.

The citrus SIP identifies four outcome areas that will contribute to the productivity and profitability of the sector. They are:

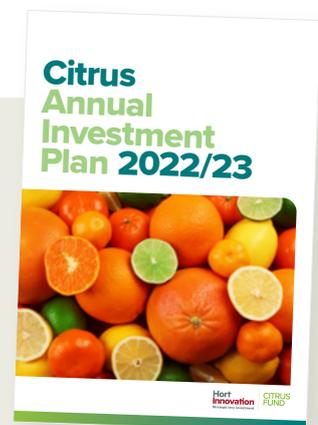
- Protecting the production base
- Market optimisation
- Communication extension and capability
- Business insights.

What projects will the Fund be investing in next year?

The citrus Annual Investment Plan (AIP) 2022/23 details how Hort Innovation spends levy funds over 12 months. The citrus industry SIP guides investment decisions, and our consultation process prioritises investments based on potential impact and levy fund availability.

Hort Innovation publishes Annual Investment Plans each year over the lifespan of the SIP and advises industry stakeholders via various communication channels.

Hort Innovation will continue to report on fund performance regularly, focusing on outcomes and the impact of investments.



Visit www.horticulture.com.au/citrus-fund-management to view both documents and better understand how Hort Innovation invests your levy.

Breeding citrus varieties for growers and consumers

Investments to ensure access to superior citrus scion and rootstock varieties

The investment *Evaluation of new citrus varieties 2017-2022 (CT17006)* is carrying on the work to assess new citrus varieties rapidly and independently under local conditions – providing industry with objective performance data. It is a continuation of earlier levy investments, including the project *Evaluating new citrus varieties 2013-17 (CT12026)*.

Knowledge from the evaluation work is brought to growers through field walks, fruit variety displays and other industry events, while information sheets describing the horticultural performance of all varieties evaluated are also produced.

The major site for the evaluations is at the NSW Department of Primary Industries' Dareton Research Station site and two satellite sites in WA covering soil types and some climatic conditions of major citrus production regions. Kevin Lacey from Department of Primary Industries and Regional Development is one of the team lead by NSW DPI Institute Director, Dr David Monks.

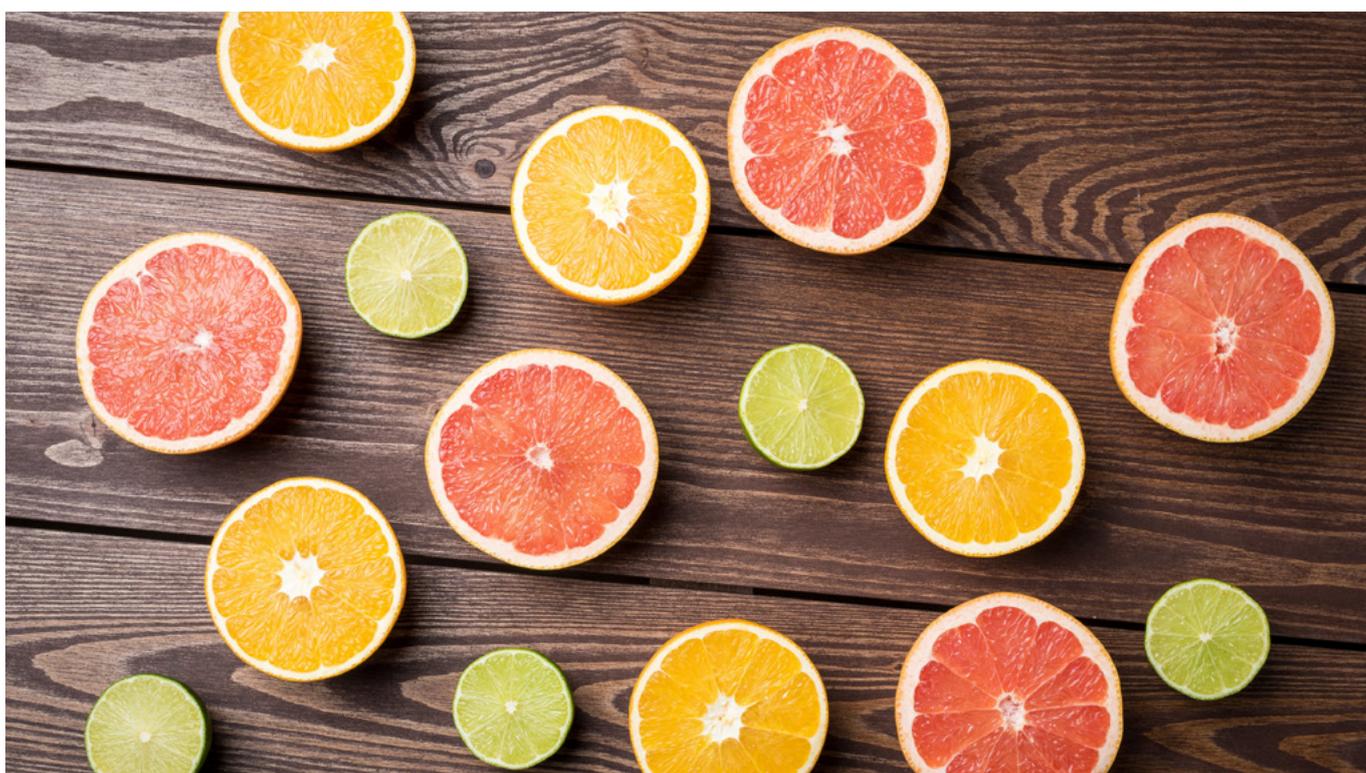
The Hort Innovation Citrus Strategic Investment Plan has prioritised ensuring access to superior scion

and rootstock varieties for efficient production that matches consumer quality expectations. This project is one of four recent investments contributing towards this outcome, including:

- *Building a genetic foundation for Australia's citrus future through targeted breeding (CT15017)*
- *Evaluation of new rootstocks for the Australian citrus industry 2017-2022 (CT17002)*
- *Breeding new rootstocks for the Australian citrus industry (CT18004)*

A strategic review of investments in citrus breeding and evaluation found the program of four projects was on track to have at least 20 varieties and rootstocks evaluated for Australian conditions and accessible to growers.

A key aspect of the program has been working with industry representatives on the Citrus Australia Variety & Rootstock Committee to prioritise key variety traits of interest to evaluate for the Australian citrus industry.



Meet Shane Kay, CEO of Moora Citrus in Perth, WA

One of WA's largest citrus orchards, Moora Citrus is 250km north of Perth. There is a mix of oranges and mandarins in the sandy soils with temperate conditions, and relative hot summers compared to other growing regions. It is one of the sites in WA where the variety evaluations are planted.



Why is this project important?

“Evaluation of varieties is critical for choosing the next variety to plant. Any new planting is a big outlay upfront, so you want to have some confidence what you're planting is going to do well in the Australian conditions.

A classic example is we had some beautiful mandarins that grew well in our conditions and had good yields, so we were happy to grow them. But the buyers wanted mandarins without seeds so we had to go looking for a variety that could grow just as well, but without the seeds and was easy-peel.

The difference in how the varieties grow and perform in different locations has also come through from the program. Clementine mandarins grow really well here in WA but not so well in other places.

For our export market we want to target the window where there isn't fruit from other countries or that has a unique characteristic that means they buy our fruit over the competition. We found there was a gap in the supply window for late season navels and so our orchard looked at the variety that could be grown to supply that late window, did well in our growing conditions and lasted the journey to export markets.

The increasing demand by domestic and international consumers for seedless varieties, easy-peel mandarins and oranges meeting specific supply windows has seen a move away from or expansion on traditional varieties. They also need to be able to withstand the cold treatment required for export protocols. For the growers this means being able to grow them in their region, looking for yields, cost effective management and more recently tolerance to exotic pest threats not currently in Australia such as Huánglóngbìng (HLB).

Continued



A citrus variety tasting day.

What future benefits will this project bring?

“These new varieties when combined with appropriate rootstocks also generate higher, more consistent yields and better packouts than traditional varieties.

39 per cent of current plantings in WA are of varieties that have been through the evaluation program. The introduction of the Afourer mandarin variety has had a major impact on mandarin production. Anecdotal information indicates that compared to traditional varieties such as Ellendale, Hickson and Emperor, the Afourer variety generated a 30 per cent price premium initially and increased yields by up to 30 per cent at maturity.

Over five years this project rapidly and independently assesses new citrus varieties under local conditions. Varieties cross the citrus category range – including Valencia oranges, mandarins, navels, lemons and grapefruit. Three mandarins

from Florida were also included in the program in November 2020, with grafted trees to be planted as they come up to size. These varieties claim to have HLB tolerance and may form part of Australia’s defence against this disease.”

“

Evaluation of varieties is critical for choosing the next variety to plant. Any new planting is a big outlay upfront, so you want to have some confidence what you’re planting is going to do well in the Australian conditions.”

Shane Kay, citrus grower

Overseas consumers inspired by Australian citrus

Hort Innovation is responsible for investing the citrus marketing levy into a range of activities to drive awareness and consideration. Here's a quick look at some of the activities and achievements in 2021/22.

In 2021/22, the Taste Australia consumer marketing campaign for Australian citrus started at the end of July and finished at the end of October. The citrus campaign across China, Japan, the Philippines, and Vietnam involved e-commerce and retail plans, key opinion leaders and influencer engagement, and promotional competitions hosted in-store and online in conjunction with 'gift-with-purchase' programs.

The strategic aim was to facilitate growth in priority markets by capitalising on niche windows of opportunity and quality consumer experience. In all four countries, the citrus market is highly competitive, and there is limited understanding of the difference between places of origin. Unfortunately, due to COVID-19 restrictions and supply chain disruptions, the campaign faced several delays in the execution of different activities, both offline and online.

Vietnam

The initial plan for the campaign in Vietnam consisted of a retail plan including point-of-sale materials and instore competitions, key opinion leader activity, social media campaigns and e-commerce engagement. Unfortunately, the COVID-19 pandemic significantly impacted the citrus campaign in Vietnam. Ongoing restrictions meant that the plan had to be changed multiple times, with a greater reliance placed on the digital strategy to adapt.



Continued



Highlights of the campaign in Vietnam included:

- A retail program across 97 stores, including catalogues, gifts with purchase and a discount program (Big C, AEON, Klever Fruits.)
- E-commerce engagement, including social posts on Foody Now, banner advertisements on Grab's online platform and an e-voucher promotion on Chopp's online platform.
- 15 key opinion leaders were engaged to promote the campaign through owned channels, the minigame competition and a live stream for Klever Fruits.
- 36 posts across Instagram and Facebook and three 'minigames' as a social competition to encourage consumers to buy Australian Navel Oranges and share them on social media to win prizes.

The Philippines

The citrus campaign in the Philippines focused on a mixture of in-store and online retail activities, key opinion content and media activity to generate a wide reach and drive sales. The campaign was impacted by ongoing COVID-19 restrictions and lockdowns. This meant that many of the activities had to be adapted, with the original

scope of work including a physical media and trade event to launch the campaign.

The list of e-commerce and in-store retail partners was also impacted due to shipping delays, congested ports, and pushing back start dates. For the influencer activity, two key opinion leaders were engaged to produce video content to be shared at the trade event and on their own social channels. Content featured creative recipe demonstrations that encouraged viewers to purchase Australian navel oranges and recreate the dishes at home with their families.

Highlights of the campaign in the Philippines included:

- In-store displays featured at Marketplace, Shopwise, Landers, Landmark (total of 129 stores) and GWP competition.
- E-commerce engagement, including online banners and featured pages (S&R Group, Go Robinsons Baytown Produce, AlwaysFresh and Dizon Farms.)
- Influencer activity such as video content created by Chef Luigi and Bentomommas to share Australian Navel Oranges recipes with their followers, highlighting the fruit as the best choice for Filipino families.



- A virtual trade and media event that pivoted to a digital format due to ongoing restrictions and featured speeches from Austrade, Citrus Australia, and Hort Innovation representatives, as well as popular Filipino media personalities and key opinion leaders. A post-event media release was distributed along with media kits containing fresh produce and gifts.
- 19 posts across Facebook and Instagram channels (August to October.)

Japan

In comparison to the other markets for citrus, Japan was the most stable, with the only significant change being to the timeline rather than the activities. The original scope of work outlined media activity, in-store displays, gifts with purchase program, social media, and key opinion leader engagement.

The initial plan was to run the in-store promotion in mid-September. However, due to the ongoing state of emergency, this activity was pushed to mid-October. AEON was selected as the sole partner for the citrus campaign, as it is the largest retailer in Japan.

A prominent influencer, Mai Matsumoto, was engaged to create video content to be shared on YouTube and Instagram. She created a video highlighting different recipes that can be made using Australian Navel Oranges. YouTube is the leading social media platform in Japan, while channels like Facebook are in decline among Japanese consumers.

Highlights of the campaign in Japan included:

- In-store displays across 50 AEON stores (with staff members for shoppers' education.)
- A gifts with purchase program distributed over 3,500 tote bags.
- Trade press release distributed mid-October with 17 pieces of coverage secured with a potential reach of 131 million (131,829,688.)
- Collaboration with Mai Matsumoto for YouTube, Instagram, and Twitter content. The Twitter content had over 193,000 impressions for Mai's social media content.
- 30 Facebook and Instagram posts across 10 weeks (August to October).

Continued

Marketing spotlight



China

The campaign focused on retail and digital activities to reach a wider audience, drive conversion and sales, and increase brand awareness via strategic partnerships. The initial scope of work included a live stream with a Chinese KOL from an orchard in Australia. However, due to the local government restrictions and ongoing lockdown, the activity was cancelled, and the budget was reallocated to an in-store display with retail partners.

Influencer collaborations ran concurrently with advertising on the e-commerce platform Hema Fresh. This facilitated the development of the Taste Australia brand and enabled the delivery of creative pieces of content, including new recipes and posts highlighting the versatility of Australian Navel Oranges.

Highlights of the campaign in China included:

- In-store display materials delivered at Ole and City Super, respectively, in Shanghai, Hangzhou, Guangzhou and Shenzhen.
- E-commerce engagement, including an online banner during 'Mid-Autumn Festival' and a featured page on Hema Fresh for the entire duration of the campaign.
- Cooking workshop and influencer engagement through collaboration with five influencers for a total view of 8.41 million and a total engagement of over 23,000.

- Social media support, including four articles to educate, inspire and reward loyal followers for over 4,400 views, and advertising banners on WeChat with 2.7 million total reach and influencer engagement across multiple platforms (Weibo, RED, Douyin) with a total of 12.8 million views.

Conclusion

The citrus campaign in 2021/22 was a success, despite ongoing challenges and changes to each market's proposed strategy. The COVID-19 pandemic has had negative impacts, such as disrupted logistics, shipment delays and difficulties getting stock to stores, but it has also prompted countries to embrace digital channels, mainly e-commerce. This has had a positive impact on the increase of e-commerce sales.

For example, e-commerce in Vietnam is booming and a trend that can be capitalised on for upcoming campaigns. COVID-19 restrictions also forced in-store product sampling promotions to be dropped from most markets' campaign strategies. This activity has been integral to campaign success in previous years and will be reintroduced in future years.

In 2021/22 the Hort Innovation Marketing function underwent a significant shift in their approach to investing marketing levies. You can read more about this in the 2021/22 Hort Innovation Company Annual Report at www.horticulture.com.au/annual-report-portal.

Minor use permits

The Hort Innovation Citrus Fund supports the submission of applications for new and renewed minor use permits for the industry, as well as data generation activities to support chemical permits and registrations, and strategic agrichemical reviews.

Together these efforts provide industry access to safe, relevant and effective chemicals to manage pests, weeds and diseases.

For full details on these activities and links to relevant information, visit hortinn.com/citrus-minor-use.

Current permits

Below is a list of minor use permits for the citrus industry, current as of 15 August 2022.

Permit ID	Description	Date issued	Expiry date	Permit holder
PER87164 Version 2	Dimethoate / Specified citrus and tropical and sub-tropical inedible peel fruit commodities – post-harvest dip or flood spray / Various fruit fly species	1-Mar-19	31-Mar-24	Hort Innovation
PER14772 Version 3	Iprodione (Rovral) / Mandarins (susceptible varieties) and Tangelos / Emperor brown spot	01-Oct-15	30-Jun-23	Citrus Australia Limited
PER13859	Dimethoate / Orchard cleanup – fruit fly host crops following harvest / Fruit fly	09-Feb-15	31-Jul-24	Growcom
PER82043 Version 2	Captan / Mandarins and tangelos / Emperor brown spot (<i>Alternaria alternata</i>)	05-Oct-16	31-Jul-27	Hort Innovation
PER89241	Spinetoram / Various including citrus / Fall armyworm	06-Mar-20	31-Mar-23	Hort Innovation
PER89354 Version 2	Chlorantraniliprole / Citrus fruit / Fall armyworm (<i>Spodoptera frugiperda</i>)	10-Apr-20	30-Apr-23	Hort Innovation
PER89293	Methomyl / Citrus fruit / Fall armyworm (<i>Spodoptera frugiperda</i>)	10-Apr-20	30-Apr-23	Hort Innovation
PER89870	Spinosad (Entrust Organic) / Various including citrus / Fall armyworm	21-Jul-20	31-Jul-23	Hort Innovation

All efforts have been made to provide the most current, complete and accurate information on these permits, however you should always confirm all details on the APVMA website at portal.apvma.gov.au/permits. Details of the conditions of use associated with these permits can also be found on the APVMA site.

Keep up to date!

Find monthly minor use permit updates in our *Growing Innovation* e-newsletter.

Sign up for free at www.horticulture.com.au/sign-up.

How strategic levy investments are made in the Citrus Fund

The below diagram shows how Hort Innovation makes strategic levy investments on behalf of horticulture industries. The citrus R&D and marketing levies were invested this way during the year, guided by the citrus Strategic Investment Plan 2022-2026 and advice from the industry's investment advisory panel.



* Encapsulating extension and international trade

To learn more about funding specific to the Hort Innovation Citrus Fund, visit www.horticulture.com.au/citrus. During the year, other sources of funding were also used to support activities for the benefit of Australian horticulture, including grant funding secured by Hort Innovation, co-investment dollars brokered through our Hort Frontiers initiative and centralised strategic levy reserve.

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