

# Pyrethrum Fund

Annual Report 2018/19

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**To see what Hort Innovation delivered across the entire horticulture sector in 2018/19, download the full Hort Innovation Annual Report 2018/19 from [www.horticulture.com.au/annual-report-portal](http://www.horticulture.com.au/annual-report-portal).**

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## Welcome

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Hort Innovation is the grower-owned, not-for-profit research and development corporation (RDC) for Australia's horticulture sector. It's our job to work with industry to invest the voluntary pyrethrum R&D levy, together with Australian Government contributions, into initiatives for growers.

During the 2018/19 financial year, the pyrethrum voluntary levy continued to support a key investment researching the major pathogens that can affect production, and how to best tackle them.

Read on to learn more and be sure to take advantage of the Hort Innovation website at [www.horticulture.com.au/pyrethrum](http://www.horticulture.com.au/pyrethrum), where you can search and find information relating to investments at any time. The new site and its Hort Innovation Pyrethrum Fund section were launched in 2018/19.

During the year there were also opportunities for Hort Innovation to connect with you, the growers. A big thank you in particular to everyone who came to our early-2019 regional roadshows to feed into the development of the new Hort Innovation Strategy 2019-2023 (read more at [www.horticulture.com.au/strategy-2019-2023](http://www.horticulture.com.au/strategy-2019-2023)).

Remember, you can reach out to us at any time to learn more about our work, to submit ideas for investments, or to simply have a chat about your industry. You'll find details of specific staff at [www.horticulture.com.au/get-in-touch](http://www.horticulture.com.au/get-in-touch), or can otherwise email [communications@horticulture.com.au](mailto:communications@horticulture.com.au) or call our general line on 02 8295 2300.



## Additional value in the year

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During 2018/19, Hort Innovation was proud to deliver extra value to the pyrethrum industry, outside of levy-funded work within the Pyrethrum Fund. Here's a quick look at just some examples.

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### The new Hort Innovation website, with dedicated Pyrethrum Fund section

You can now visit [www.horticulture.com.au/pyrethrum](http://www.horticulture.com.au/pyrethrum) to quickly search and find pyrethrum investment information and updates. As initiatives within the Pyrethrum Fund progress, you'll find project resources and growing tips and advice from the R&D work, and will be able to download full final research reports. Through the site you can also access key contact information, share your ideas and feedback, and so much more.

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### The Australian Horticulture Statistics Handbook

Each year Hort Innovation delivers an *Australian Horticulture Statistics Handbook* packed with horticulture statistical information and analysis for use by specific industries and the wider sector. The handbook combines all available data on production, international trade, processing volumes and fresh market distribution for some 75 categories. The 2017/18 edition, released in early 2019, is available from [www.horticulture.com.au/horticulture-statistics-handbook](http://www.horticulture.com.au/horticulture-statistics-handbook).

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### Hort Frontiers projects

With seven investment areas, Hort Innovation's Hort Frontiers strategic partnership initiative is about collaborative, cross-industry work to address longer-term, complex issues and opportunities identified as critical for the future of Australian horticulture. While industry levies can be invested into Hort Frontiers projects upon the advice of the relevant Strategic Investment Advisory Panels, the bulk of funding comes from broad-reaching funding relationships that are secured by Hort Innovation, plus support from the Australian Government. Learn about all of the projects and what they're delivering for you at [www.horticulture.com.au/hort-frontiers](http://www.horticulture.com.au/hort-frontiers).

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### Grant funding

In 2018/19, Hort Innovation delivered \$6.7 million worth of investments involving grant funding across the horticulture sector. To do so, we applied for and secured a range of competitive grants on behalf of industry, including through the Australian Government's Rural R&D for Profit program, Improved Access to AgVet Chemicals initiative, and Agricultural Competitiveness White Paper. With projects across everything from biosecurity to agri-technology, there's plenty in there to directly and indirectly benefit the pyrethrum industry.

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## Making investments in 2018/19

Hort Innovation is dedicated to making the right investments at the right time and in the right areas, in line with identified priorities for the industry.

### Where the funding comes from

The pyrethrum industry's voluntary R&D levy is collected by Botanical Resources Australia and entrusted to Hort Innovation, under a collective industry fund (CIF) arrangement. It's then our responsibility to work with the industry to invest they levy, together with Australian Government contributions, into strategic initiatives for the benefit of growers.

Additional funding streams can also come into play, such as co-investment dollars from sources including project partners, and grant funding that Hort Innovation secures on behalf of industry.

### How decisions are made

Investment decisions in the Hort Innovation Pyrethrum Fund are guided by an investment plan that has been developed by the industry and that outlines specific investment priorities.

The investment document is able to be used like a 'roadmap' by the pyrethrum Strategic Investment Advisory Panel (SIAP) – a panel made up of growers, representatives from Botanical Resources Australia and other industry participants that's tasked with providing advice to Hort Innovation on potential levy investments.

### Turning ideas into investments

Great investments start with great ideas, and Hort Innovation encourages all growers and other industry participants to share their thoughts and suggestions for the work they want to see. Ideas can be submitted any time via Hort Innovation's investment idea form at [www.bit.ly/concept-form](http://www.bit.ly/concept-form).

Ideas that are selected for investment are worked into project proposals by Hort Innovation. These are then made public for potential delivery partners to submit responses. Current opportunities are always listed at [www.horticulture.com.au/delivery-partners](http://www.horticulture.com.au/delivery-partners).

Responses are assessed, often with the assistance of industry, and the best delivery partner for the work is chosen. A contract is then issued and the work begins.

### Keeping track of investments

Investments in the Hort Innovation Pyrethrum Fund are detailed on the 'Your investments' page at [www.horticulture.com.au/pyrethrum](http://www.horticulture.com.au/pyrethrum). We also send news and alerts to Hort Innovation members and contacts – if you haven't already, you can sign up for free at [www.horticulture.com.au/sign-up](http://www.horticulture.com.au/sign-up).



## R&D report

Learn more about the Hort Innovation Pyrethrum Fund's key investment during 2018/19 below.

### ***Integrated disease management in pyrethrum (PY16000)***

**Key research provider:** University of Tasmania

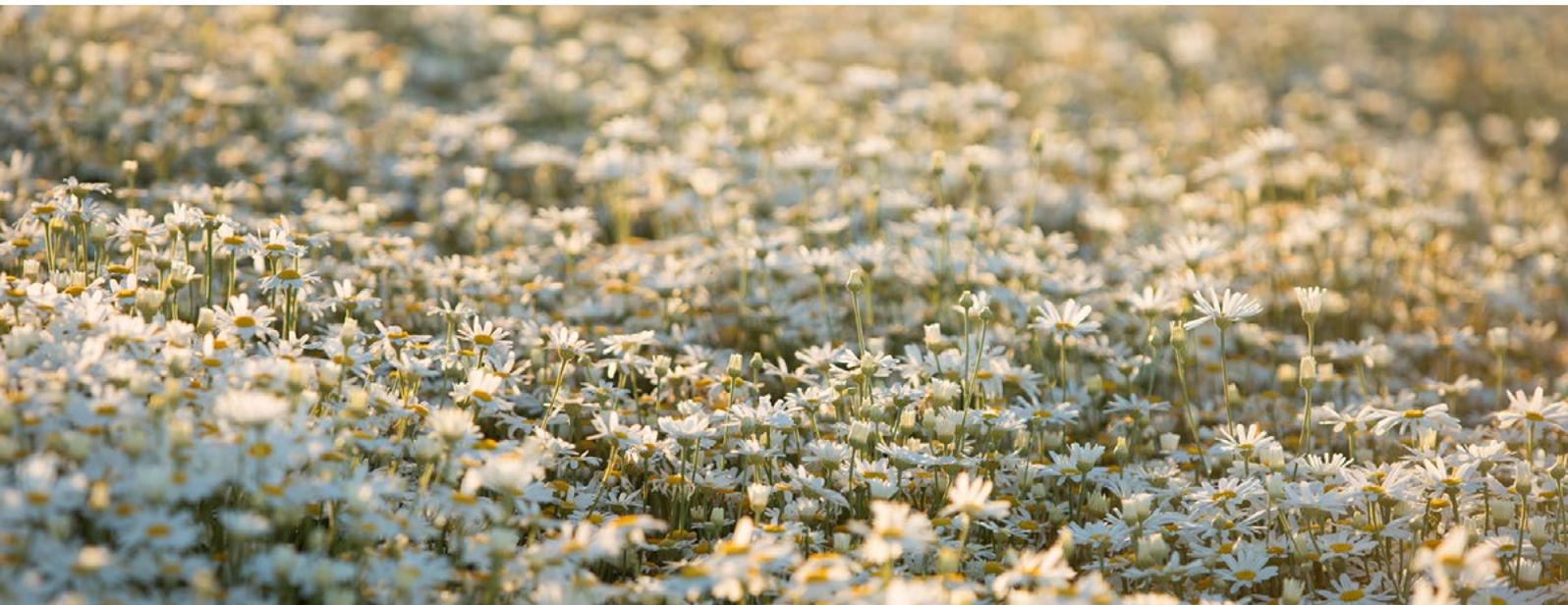
With an increasing number of foliar and flower diseases placing constraints on pyrethrum production – reducing yields and the lifespan of crops – and fungicide resistance a rising cost and risk, this investment will aid pyrethrum growers in minimising these issues. Beginning during 2017 and set to run for three years, it involves research into the key pathogens that affect pyrethrum production, the timing of their influence, and their susceptibility to fungicides.

This information will be used to help growers optimise the number and timing of fungicide applications, and the research team will look at combining this with efforts to increase host resistance and reduce pathogen carryover between seasons.

Ultimately, the project will help the industry decrease its reliance on fungicides – reducing economic and environmental costs of production – while increasing pyrethrin yields.



**To keep up to date with the latest information on new, ongoing and any completed R&D investments throughout the year – and to search and find resources and reports from these investments – visit [www.horticulture.com.au/pyrethrum](http://www.horticulture.com.au/pyrethrum). You can also sign up for free Hort Innovation communications via [www.horticulture.com.au/sign-up](http://www.horticulture.com.au/sign-up).**



## Financial statement

### Financial operating statement 2018/19

	R&D (\$)	TOTAL (\$)
	2018/19 July – June	2018/19 July – June
<b>OPENING BALANCE</b>	<b>50,084</b>	<b>50,084</b>
Voluntary levies from growers	–	–
Australian Government money	71,351	71,351
Other income*	275	275
<b>TOTAL INCOME</b>	<b>71,626</b>	<b>71,626</b>
Project funding	125,360	125,360
Consultation with and advice from growers	–	–
Service delivery – base	4,995	4,995
Service delivery – shared	8,277	8,277
Service delivery – fund specific	4,070	4,070
<b>TOTAL EXPENDITURE</b>	<b>142,702</b>	<b>142,702</b>
Levy contribution to across-industry activity	3,269	3,269
<b>CLOSING BALANCE</b>	<b>-24,260</b>	<b>-24,260</b>

\* Interest, royalties

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