

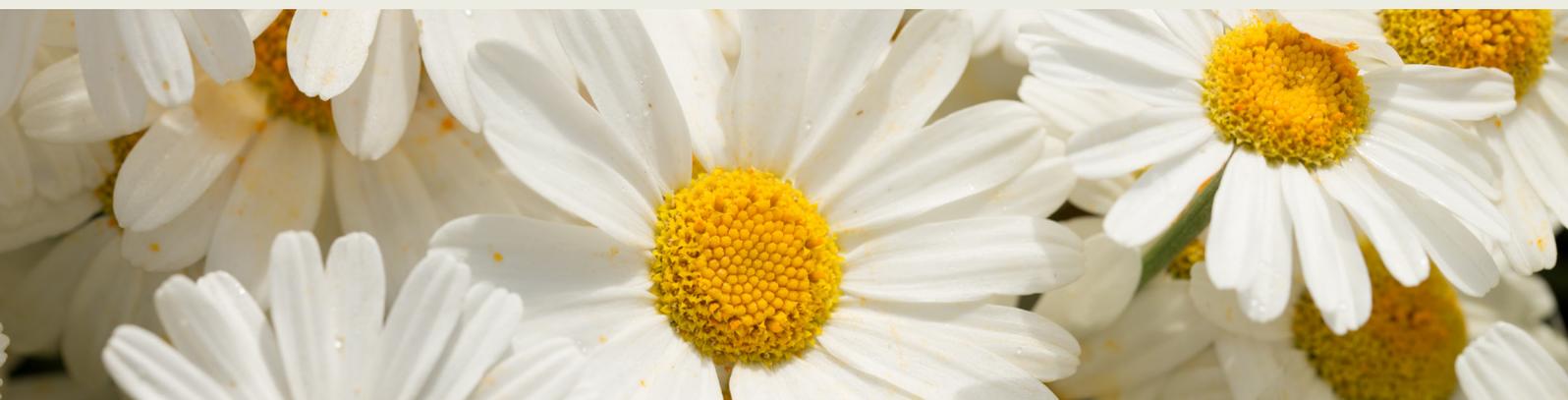
What happened in the **Pyrethrum** Fund last year?

Annual Report 2021/22



About Hort Innovation and the Pyrethrum 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 voluntary pyrethrum R&D levy, together with Australian Government contributions, into key initiatives for growers, through the Pyrethrum Fund.



Here's what your fund invested in over the year

In 2021/22, the Hort Innovation Pyrethrum Fund supported the continuation of a program investigating the environmental conditions that drive tan spot and ray blight. These diseases represent a major risk to yield and the industry's ability to consistently meet market production requirements. Managing for disease is a major financial and environmental cost, and any effort to reduce those costs without major yield losses would be beneficial for pyrethrum growers.

Through *Development of regional disease risk models for fungal diseases of pyrethrum (PY20000)* a range of research activities are being undertaken and their results will be used to develop models that identify the relative risk associated with cropping regions and seasons. This information will be used to create a framework for industry decisions regarding frequency and timing of fungicide applications in pyrethrum.

This approach will ensure that high-risk regions are given adequate protection from disease losses but will also lead to an overall reduction in control costs for the industry by reducing fungicide sprays in low-risk regions and seasons.

The research for this project will fall into three areas:

1. Climatic effects on disease. A series of controlled environment experiments will be conducted to examine the conditions that favour spore formation, spore germination, leaf infection and host colonisation.
2. Regional differences in pyrethrum diseases. Regional differences will be monitored from autumn to early summer in both 2021 and 2022.
3. Relationships between disease pressure and yield loss. Field data will be collected from field crops across three growing seasons.

The data obtained during the research activities will be combined to develop disease risk models for the impact of tan spot and ray blight on pyrethrum yield.

See hortinn.com/py20000 for updates during the life of this investment.

Financial operating statement

Pyrethrum Fund (collective) Financial operating statement 2021/22

	R&D (\$)	Total (\$)
	2021/22 July – June	2021/22 July – June
OPENING BALANCE	21,924	21,924
Voluntary levies from growers	86,247	86,247
Australian Government money	157,103	157,103
Other income*	-\$160	-\$160
TOTAL INCOME	243,190	243,190
Project funding	276,502	276,502
Consultation with and advice from growers	–	–
Service delivery	37,705	37,705
TOTAL EXPENDITURE	314,207	314,207
Levy contribution to across-industry activity	–	–
CLOSING BALANCE	-49,093	-49,093
Levy collection costs	–	–

* 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