



A LIGHTER TOUCH[®]

Pesticide
Resistance Management
Forum



Welcome to the Pesticide Resistance Management webinar

Purpose

- Advise what has changed over the last 3-4 years
- Determine where there may be obvious gaps in strategies
- If there are gaps, can these be prioritised.

Agenda

- Herbicide group - Trevor James, AgResearch
- Fungicide group - Rob Beresford, Plant and Food Research
- Insecticide group - Tim Herman, BASF



Pesticide Resistance Management in NZ

History

- NZPPS established NZ Committee on Pesticide Resistance (NZCPR) in 1987
- NZCPR = 3 task groups (fungicide, insecticide, herbicide)
- Each Group with Leader and made up of registrants and industry experts, with scientific oversight, all voluntary.
- Develop local guidelines based on overseas information from FRAC, IRAC and HRAC
- Guidelines (strategies) freely hosted on NZPPS website
- Limited activity over last 5+ years



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History

In 2019, in response to a formal request by NZCPR for Agcarm to become more involved in the management/coordination of pesticide resistance management, a proposal was considered by Agcarm (APHANZ).

The main changes proposed involve APHANZ taking responsibility for Secretariat activities from the NZPPS, along with APHANZ members becoming more directly involved in resistance management strategy development and technical oversight.



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History

- A Lighter Touch funding to update strategies over 6 years
- ALT – APHANZ workshop in April 2021
- MoA's and 25 strategies out of date, urgent attention
- Contracted updates for insecticide and fungicide portfolios, completed April 2022 by Mark Christie
- Herbicide portfolio current due to MBIE funded project (T James et al)
- Peer review fungicides by Rob Beresford
- Peer review insecticides by Tim Herman
- Upload to NZPPS updated strategies August 2024



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Future

A Lighter Touch and APHANZ facilitate a workshop

- Further identify gaps where strategies need to be initiated
- Identify who could be contracted to complete new strategies
- Re-establish the 3 task groups
- Establish scientific/technical oversight
- Identify funding mechanisms to maintain strategies and website

Develop an extension plan to provide ALT stakeholders with user-friendly summaries of resistant management strategies.

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