



WASPS

Andre Visser

Who is Key Industries

- Manufactures and distributors – Renovo Technologies
- Purchased Pest Management Services – Traps, Baits, Bait stations
- Tested and Proven
- Training
- New product development
- Auckland Showroom
- Our team – Local Rep Warren Wright



Out there doing it.

- Sponsor of the Fairy Tern programme – Mangawhai
- Ambassadors of Endangered Species Foundation
- Kawau Island Ant eradication programme with AKL council
- Biff Ant training programme
- Otago Rabbit control programmes



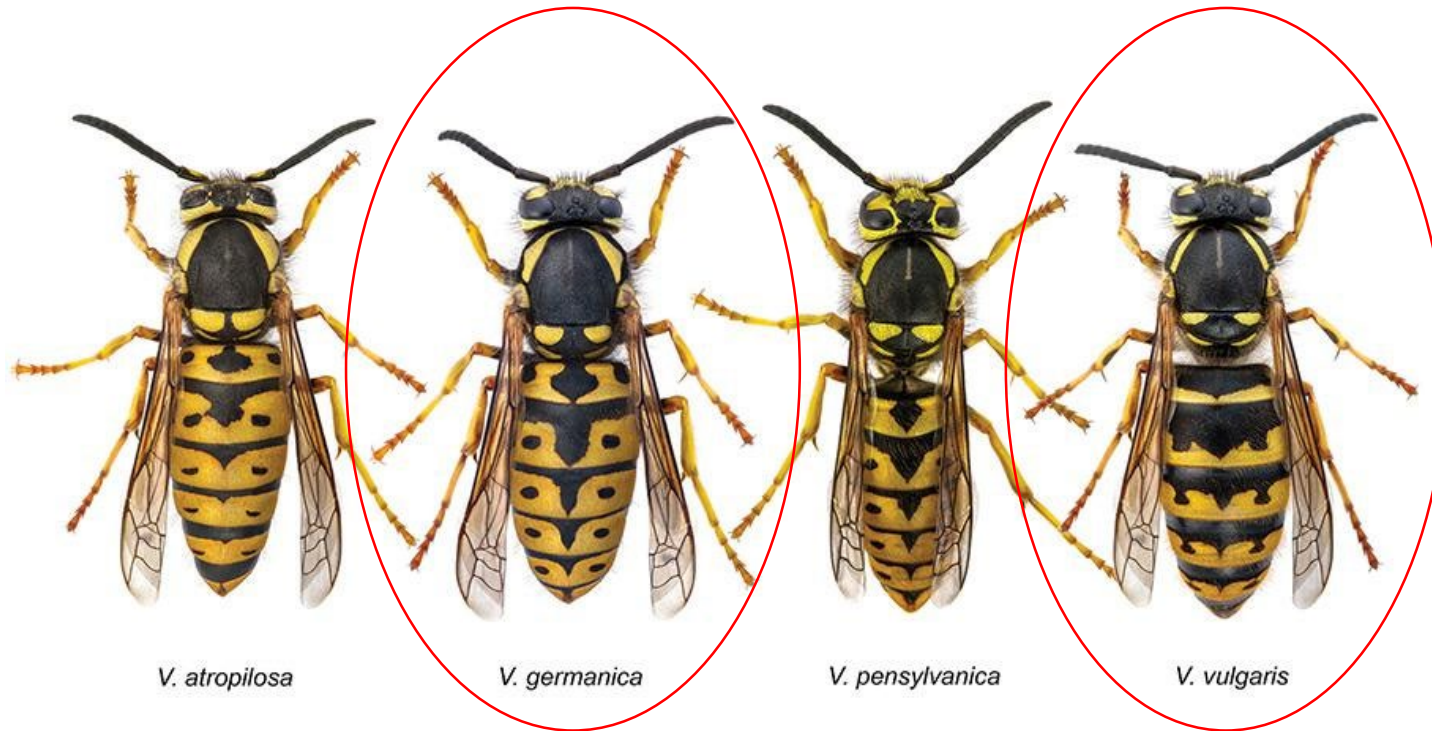
Wasps the issue at hand

- **Social issues** Disruption to recreational activities, safety outdoors -
- **Environmental issues** Inability for birds to feed on Honey Dew has resulted a major impact of wasps, 1.4 and 8.1 kg of invertebrates per hectare each season - the identifiable prey items, about 27% were spiders, 23% caterpillars, 18% ants and bees, 16% flies, and 16% other.
- **Economic issues** Cost economy more than \$130 million dollars a year, with the biggest economic impacts on farming, beekeeping, horticulture and forestry workers.
 - more than \$60 million a year in costs to pastoral farming from wasps disrupting bee pollination activities, reducing the amount of clover in pastures and increasing fertiliser costs.
 - almost \$9 million a year cost to beekeepers from wasps attacking honey bees, robbing their honey and destroying hives.
 - wasp-related traffic accidents estimated to cost \$1.4 million a year.
 - over \$1 million each year spent on health costs from wasp stings.
 - on top of the direct costs, almost \$60 million a year is lost in unrealised honey production from beech forest honeydew which is currently being monopolised by wasps
- Densities of wasps in these forests are typically 8–34 nests/ha (average 12/ha; Barlow et al. 2002). At their peak, there is an average biomass of 3.8 kg of wasps/ha (10 000 worker wasps/ha), which is greater than the combined biomass of birds and exotic rodents/mustelids (Thomas et al. 1990).



The Vespula Family

Many species world wide



Catch the winter Queens



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Products available through Key Industries

Current Products:

- Dust 2 Dust – 100g, 2kg and 10kg
- NoPests Wasp Lure
- Insecticide range

Future products:

- Wasp bait – Registration approved



Application methods:

- Bulb Dust R
- Makita Blower
- Dome Trap – non toxic
- RTU 100g NoPests insect dust
- PPE – wasp/bee suits, hoods, gloves



Thankyou

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