



# APICULTURE

N E W Z E A L A N D

## The Roy Paterson Trophy

Sponsor 2019 – Pharmapac Ltd

The Roy Paterson Trophy was established in recognition of Roy and his contribution to the New Zealand beekeeping Industry.

This annual award recognises the most innovative idea, invention or new piece of technology which has been designed to benefit beekeepers. Nominations for judging will be accepted from members of the industry, or from the individual or company who holds the rights to the innovation.

### Background:

Roy Paterson served in the Second World War and on return, started beekeeping in the Oamaru area. He then moved to the West Coast as an Apiaries Inspector with the Department of Agriculture, transferring to Hamilton in 1936. A keen inventor with an engineering background, he spent a great deal of time designing equipment for mechanising the handling of honey in the honey house. This included honey warmers and immersion strainers with hot water jackets and a steam plant for a hand uncapping knife. He also designed and made float switches to operate in honey tanks and a safe use saw bench with beekeepers in mind.

Roy Paterson's inquisitive mind led to the observation and subsequent confirmation around 1945, that the Tutu bush varieties – *Coriaria arborea* and *Coriaria sarmentosa* were a host plant for the *Scolytopa Australis* (the Passion Vine Hopper) and the source of toxic honeydew honey. The insect feeds on the sap from Tutu bush and secretes honeydew on to the leaves and branches of the bush; this contains the toxic substance tutin. The honeybee, particularly in very dry conditions, collects the honeydew as a nectar source and subsequently it finds its way in to honey destined for human consumption. This presents a health issue for people as tutin is a neurotoxin, so was a vital observation.

In recognition of his efforts and substantial contribution to beekeeping Roy was offered the position of Superintendent (DOA) in Wellington. However, wishing to remain in the Hamilton area, he declined the post and continued to work with and for beekeepers from the Waikato region. This included educational visits to schools, field-days and many community talks about bees and beekeeping.

The beautiful handcrafted timber trophy was made by John and Peter Berry from Arataki Honey, Hawke's Bay.

**Download the entry form** and submit your innovation now.



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## “HOW TO PRESENT YOUR ENTRY”

Entries must be lodged with the Conference secretariat or the Conference registration desk at no later than **10am Thursday 27 June 2019**. No entry fee applies.

**Exhibitors must be a current financial member of the Apiculture New Zealand Inc.**

**Criteria** – an innovative product, invention or new piece of technology which has been designed to benefit beekeepers.

**Mounting & Presentation** – Your entry should be presented/mounted in a manner which provides a clear understanding of the value and benefit it brings.

Should you require a power source and or a small screen and video connection, please contact Jude Earles two (2) weeks before conference please –

Email: [jude@corporatevenues.co.nz](mailto:jude@corporatevenues.co.nz)

Phone: 021 1650355

**Information and description requirements** – your award entry must be supported with a well presented explanation sheet outlining the product or invention, how it works and the benefit(s) it delivers to the beekeeper. The information should outline the cost of the item and availability for non-commercial or commercial operation.

**Judging of the award** will take in to account - the item, the practical application and the support information provided.

**Apiculture New Zealand Inc**

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#### ENTRY FORM

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**Full Name of Member:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Brief Description of Innovative Idea or Invention:**

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**Indication of Space needed for display and any special requirements to illustrate its use eg. Power source:**

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**Signed:** \_\_\_\_\_

**Date:** \_\_\_\_\_