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May 2015

Editorial Graham Burnip MPI Christchurch, NZPPS Executive Committee

The fruit fly response currently underway in Auckland is of interest to many and unlikely to have escaped the attention of the plant protection community. The following summarises the situation at the time of writing (15 Apr), despite response operations remaining current.

It began on the morning of 17 Feb, whenASUREQuality Ltd submitted a suspect fruit fly caught in a Grey Lynn surveillance trap to MPI at Tamaki, Auckland. The specimen was identified as a male Queensland fruit fly, *Bactrocera tryoni*, and validated by RT-PCR by 6 pm, and a response formally initiated.

On 18 Feb a Controlled Area was publically declared. This defined Zones A (200 m) and B (1.5 km) out from the detection site, and provided the legal basis to manage the movement of risk goods in and out of these zones. Considerable effort was made to negotiate permits to allow movement of specific commodities and pathways, in an effort to find the compromise between containing the fruit fly risk within the zone, yet allowing commercial activity to continue where possible.

When an adult female and larvae were found infesting fruit trees in a home garden on 20 Feb, a Level 2 Response was declared. This discovery meant insecticides were to be used for the first time since the Mt Roskill medfly incursion in 1996. While the medfly response relied on the insecticides malathion and diazinon, the current response is using fipronil and bifenthrin. Fipronil is used within protein bait (hydrolysed yeast) spots applied in Zones A and B, targeting adult flies. Bifenthrin is applied in granular form to ground beneath infested host trees, targeting pupae in the soil, and as a foliar spray targeting adults that move and rest among the leaves. The use of bifenthrin was limited to only infested trees on five nearby properties, all within 150 m of each other.

Substantial surveillance effort goes into the placement and servicing of male lure traps, which now total >1000 within 6.5 km of the original detection. To date 14 adult fruit flies have been caught, the last on 6th March; with the furthest adult caught about 500 m out from the site of initial detection. The last larval detection was in fruit collected on 13th March.

Response operations are led by ASUREQuality, out of a leased Mt Roskill warehouse known as FHQ (field headquarters). Every day teams leave FHQ to apply bait, service traps, collect fruit for examination (ca. 3.5 tonnes of fruit processed in the lab so far), service the signage, and empty the 1000+ amnesty bins and the 2-3 tonnes of green waste collected daily. There's much more that could be said; including the implications of cricket world cup events where the Zone B boundary goes through the middle of Eden Park!

The recent Government Industry Agreement (GIA) initiative means industry are now more involved in responses; not just at governance level but contributing to operational decision making and field operations. The National Biosecurity Capability Network (NBCN) plays a major role in response field operations. The network's 134 associate organisations mean about 60 - 65,000 people are available for response operations nationally. NZ's plant protection community contribute directly to the response through NBCN (e.g. PFR belong to NBCN), through Technical Advisory Group roles, through B3 research, and indirectly

by providing a collective body of specialist knowledge accessible as and when required. The extent to which New Zealanders take a “NZ Inc” approach and work together during biosecurity responses is remarkable internationally. Yet another reason to be proud to be a kiwi; long may it continue.

From the Editor – 2015

With 79 abstracts submitted, volume 68 is likely to be a bit thicker than usual! The papers I have received cover a wide range of topics, so the conference programme will be full and interesting.

After several years of operation, we thought that the online submission process was well established and would just continue on as it had at the start. Unfortunately for our poor web editor – John Kean – it has turned into a bit of a nightmare. The new website host has created more than a few challenges, which are still disrupting the process. We thank you for your patience with this and are confident that no one has missed out because of these issues.

Please remember that (1) you MUST submit your paper through the website because uploading is a critical part of the refereeing process, and (2) I cannot upload any of your manuscript and figure files to the website myself – the only person who can do this is the one who submitted the abstract (or the web editor if there are technical problems). PLEASE read the instructions on the website properly before you contact John or me.

Some standard reminders as we approach the conference:

- The draft programme will be posted on the website about 15 June.
- Please notify me if you think you will qualify for the “Emerging Presenter” award, which is for “emerging researchers presenting for the first time at a NZPPS conference”.
- Instructions for presenters are available on the website – please read them carefully.
- Please check the guidelines on the website for information about preparation of posters, particularly details on size specifications.

I am looking forward to seeing you all in Christchurch this year.

“Time to move on”

After 16 years (really that long?) of being New Zealand Plant Protection Editor, it seems like now is the right time to move on.

The story began last century ... I was pregnant with our first child and full of trepidation about meeting with Max Suckling and Richard Falloon to discuss the possibility of taking on this prestigious role.

Maureen O’Callaghan was a significant part of this process ... convincing me that I could take on this challenge, and she has continued to be a fantastic mentor to this day. Being a scientific editor had actually been one of my long-term goals but I wasn’t sure that I had the skills and knowledge to take it on. It seemed they were prepared to back me – so we started out on the journey. Critical in those first couple of years was the support of the Executive Committee – Max, Stephen Goldson, Mike Butcher, Anis Rahman, Kerry Harrington, Richard Hill, Trevor James, Pip Stevens, Alison Stewart, Paul Brookbanks and Roger Welsh. Richard Falloon has always remained there as well – although not on the Executive Committee, he has been a key person to whom I have gone to for advice on content, scientific merit and style and, of course, he has been one of my most consistent and timely referees.

The first step was the name change. The removal of the word “Proceedings” was a direct approach to getting this publication recognised as a scientific journal. Timeliness in publication is another critical performance indicator in the world of scientific publishing and, while I have gone to great lengths to help people get their work published, there are no apologies for rejecting papers that won’t make the grade within an achievable timeframe. Apart from Volume 50 (3 years before my time), the highest number of papers published in the last 20 years was in my first (n=84) and third years (n=79), so it was a hectic initiation.

Mid-way through the 2000s, two other people made a significant contribution to the ongoing evolution of the journal. Ian Popay and Toni Withers joined me on a sub-committee to look at the future of New Zealand Plant Protection. In 2009 at the conference in Dunedin, we presented a proposal to the AGM to significantly alter the style, layout and size of the journal. Trevor James was distraught because he had specially designed bookcase shelves to house his collection of New Zealand Plant Protection and its predecessors – but he was ignored. With help from the wonderful design skills of staff from The Caxton Press, particularly Janice Page and Sue Elliott, a new look volume was produced in 2010. The rotating mini-photos on the front cover have been very popular and a great chance to visually display our wonderful science.

Of course there have been the low points – the refusal of Thompson Scientific (now Thompson Reuters) to assign us an Impact Factor™, apparently because they failed to receive a copy of the journal one year. This has set us back many years, because after “failing”, a journal has to stand down for 2-3 years before it can be re-evaluated. Hopefully we will be rated this year, although the significance of this “elite ranking” is declining as a range of credible tools to assess a journal’s impact are now freely available on the internet.

When Toni, Ian and I presented our ideas for the journal in 2009, we indicated that we felt there was a Stage 2 that went beyond the cosmetic aspects of the publication. There were a multitude of other factors to consider, like several issues per year, online publication, greater refereeing rigour and scope of the journal. A major overhaul in this area has been on hold until now, although there have been several things implemented as part of my “ongoing improvement” policy. One of these has been the introduction of anonymous refereeing, which has definitely increased the scrutiny of manuscripts. The other significant “shake-up” occurred in 2010/11 (those of you from Canterbury will get that!!), with the amazing website development skills of John Kean, who developed the on-line submission system. This is another step towards online publication and was one of the guarantees I made to the committee (“I won’t leave until ...”) to ensure that the publication process could be easily transferred to a new editor. As you have probably heard, 2015 has seen a new initiative to evaluate the role of the journal and consider where it needs to go in the future. This is a fantastic opportunity for a new Editor to take the thoughts of the membership and continue the development of this important publication.

Three other points are significant for me. The first is the “position” of the journal. New Zealand Plant Protection is unique in the way that applied research can be published quickly enough to have an immediate impact on the primary industry or natural environment sector that it is aimed at. By publishing the results in a scientific paper, researchers are recognised for their work, but this is closely followed by the opportunity to present a summary of the findings directly to stakeholders, since many of them attend the conference. New Zealand Plant Protection should never be the only place for a New Zealand researcher to publish, but it should be seen as part of the package in which the outcomes of a properly planned research programme can be delivered. As I have said many times – you MUST publish in international journals – and when you do, please remember to cite your New Zealand Plant Protection papers, as this is critical information for raising the citation value for the journal.

The second point is referees and authors. Obviously the journal wouldn’t be possible without the involvement of all these people. It is particularly important to acknowledge how (most!) people have been so tolerant of the deadlines and obliging in helping me achieve them. It really has been about teamwork and working towards a common goal.

The final point is family – I want to say a huge THANK YOU to mine! Everyone has played a part ... from my husband Rick picking up boxes of journals from Caxton ... to my parents and our children helping to put the books in envelopes and stick on labels. For 16 years, New Zealand Plant Protection has been a significant part of our family during the

months of April, May and June. It almost feels like one of our children is leaving home ... I hope it finds a good one to go to! Like all parents I will be there to help out if the going gets tough – but it will definitely be up to the new editor to define and implement the next steps, and I know this will be done within the framework of a positive and supportive Executive Committee. Good luck!

If you are interested in the Editor position, feel free to email or talk to me ... but please – not until July – as the next few months are rather frantic!!

Sue Zydenbos

2015 Annual New Zealand Plant Protection Society Conference



The NZPPS conference is New Zealand's prime venue for the annual exchange of scientific information on all aspects of plant protection. This year we look forward to gathering from the 11th to 13th of August in Christchurch.

The venue will be the Chateau on the Park, 189 Deans Ave on the corner with Kilmarnock Street, Riccarton. Overlooking Hagley Park, it is one of Christchurch's leading hotels with beautiful guest rooms, award winning gardens, and memorable Baronial architecture. Conference attendees will be welcomed in the hotel Foyer and directed around the beautiful moats to where the conference proper will occur in the The Great Hall, while posters will be next door in The Camelot Room. Oral presentations will include invited speakers and summaries of papers that are published in our peer-reviewed journal, New Zealand Plant Protection. The conference also features a lively poster session on the Tuesday afternoon followed by beer, wine and canapés, with abstracts from posters also being published in the journal. Wednesday night the always memorable and delicious Annual Dinner will be hosted again in The Great Hall, and overindulgence can be balanced off by dancing the rest of the night away to the visually spectacular and energetic performance from the Christchurch based DnD Show band (aka Dateless 'n' Desperate).

Conference registration will this year again be accepted on-line at www.nzpps.org, and can be paid by credit card or by direct credit. Paid-up NZPPS members will qualify for lower registration fees, as will students and retired members. Again the early-bird option via the on-line registration closes on 1st

August. Any registrations made directly to the secretary or at the venue registration desk after this date will be welcomed but will incur a \$50 late fee. We will not be sending you paper registration forms, so like any good conference these days, get yourselves organised and get registered!

Another good reason to get organised and register early is the Conference Venue Accommodation special. To qualify for the NZPPS special conference rate of \$155 incl. GST per ROOM per night you will need to fill in the reservation form attached to this newsletter and forward it directly to the Chateau on the Park no later than 9 July 2015. This room rate holds for single, double and twin rooms, on a first served basis. If you miss out on this great deal, some other accommodation providers within a short walk of the conference venue include Parkview on Hagley, Hagley Park Motels, Aalton Motel and City Park Lodge.

Emerging Speaker Award



There was very little separating the top three places in the Emerging Speaker Award at the Conference in Taupo last year. *The seven contestants covered a wide range of topics, and it was an interesting challenge for the three executive committee judges. The speakers had all been sent the scoring system before the conference and so they had ample time to prepare themselves. After the conference they were given the scoring sheets from the judges, with some positive feedback and suggestions for improvement. The two main points noted by the judges were that (1) most people spent too much time on the Methodology and not enough time discussing the Results and the implications of the results and (2) the contestants tried to explain as many of their results as possible rather than just focussing on the key messages. Remember that the detailed information is in the written paper – your presentation is just a summary of your work. In addition, The New Zealand Plant Protection Society is an applied conference and so the potential impacts and outcomes of your research for the relevant industry are very important. Simon Redpath, from Plant & Food Research in Palmerston North, was the winner, with a good all round presentation of his paper “Postharvest management of New Zealand flower thrips on export apricots using ethyl formate”. Congratulations Simon – we hope to hear from you again soon.*

Nominations are open for the New Zealand Plant Protection Medal



The 2015 medal will be the 9th medal the Society has awarded (<http://nzpps.org/medal.php>) and the list of recipients is beginning to look like the Who's Who of plant protection.

Who would you like most to see added to the list?

The award is open to anyone (not just NZPPS Members) who has made an exemplary contribution to the area of plant protection.

Nominations must be made by a current member of the society and all information is on the website at the above link.

Nominations close on 1 July.

Life Membership-Professor Richard Falloon



The last Newsletter omitted to mention mentioning that at our last Conference in August Professor Richard Falloon was elected as a Life Member of New Zealand Plant Protection Society. Richard has been a member of the society since 1978. He has been member of the Executive Committee for 15 years from 1983 to 1998, and President from 1995 to 1997. He has also been a strong mentor of many members and research colleagues in plant protection. Richard has contributed immensely to the annual conference attending and presenting papers at numerous conferences, and also involved in convening and chairing sessions, and in this position always puts new presenters at ease. He has also acted as a scientific referee for the journal for a number of years. Adding to this is his unspoken support and commitment to the society, and always being available and willing to provide pearls of wisdom and advice for the standing Executive committee members. We congratulate Richard on this achievement.

NZPPS Scholarship

The Society offers scholarships in plant protection science to students currently studying at a New Zealand recognised tertiary institution. Applications can be found at <http://www.nzpps.org/scholarship.php> and are due 1 October 2015

Dan Watkins Scholarship

This Scholarship was established in memory of Dan Watkins who was a leading figure in weed science in New Zealand and founder of the New Zealand Weeds Conference (forerunner of the New Zealand Plant Protection Society). The New Zealand Plant Protection Society administers this scholarship, which aims to encourage research into the biology and control of weeds in New Zealand. This annual \$5,000 scholarship is fully funded by the George Mason Charitable Trust and awarded on a competitive basis. Students must be enrolled in a program at a recognised New Zealand tertiary institution and be studying relevant research into the biology and control of weeds in New Zealand.

Applications can be found at <http://www.nzpps.org/danwatkins.php> and are due 1 October 2015



The Prime Minister's Science Prizes are now open.....

The Prime Minister's Science Prizes are New Zealand's pre-eminent annual awards for excellence in science. The Government of New Zealand introduced the Prime Minister's Science Prizes in 2009 as a way to raise the profile and prestige of science in New Zealand. Each year five prizes are awarded, with prize money totalling one million dollars.

The Prime Minister's Science Prizes are awarded to:

- An individual or team who has made a transformative discovery or achievement in science that has had a significant impact on New Zealand, or internationally

- The Prime Minister's MacDiarmid Emerging Scientist prize: An outstanding emerging scientist undertaking research for a PhD in New Zealand, or within five years of the date of the award of their PhD
- The Prime Minister's Science Teacher prize: A teacher for outstanding achievement in teaching Science
- The Prime Minister's Future Scientist prize: A secondary school student for outstanding achievement in carrying out a practical and innovative research or technology project
- The Prime Minister's Science Media Communication prize: A practising scientist who is an effective communicator; this prize provides them with an opportunity to further develop their knowledge and capability in science media communication

The 2014 prize round closes Friday 31st August.

To find out more about the prizes or to enter, visit www.pmscienceprizes.org.nz

Where to find jobs in Plant Protection in New Zealand

Toni Withers has put together a simple summary for members searching for jobs in plant protection....

<http://www.nzpps.org/jobs.php>

1. All crown research institutes now collaborate to advertise their jobs on a combined website: <https://careers.sciencenewzealand.org/home>
2. In addition the Royal Society provides a website for other science and technology jobs that may include university positions: <http://fusionz.royalsociety.org.nz/>
3. Don't forget about Seek, <http://www.seek.co.nz/>
4. Also these days it pays to put a search on TradeMe <http://www.trademe.co.nz/jobs>
5. Science jobs also of the Australasian Plant Protection Society <http://www.appsnet.org/public/careers/default.aspx>

Initiatives for NZPPS Members

Professional Development (PD) 'Dealing with the media'

Professional development sessions are always extremely popular at the NZPPS conference. This year the topic will be "Dealing with the media", which will be presented twice during the conference on Tuesday afternoon and Wednesday morning.

The media comes in all shapes and sizes – from traditional print and broadcast to blogs and social media. In this session, participants will discover some of the key things to think about when dealing with the media, discuss common pitfalls, and learn

how science can be translated to capture the interest of generalist audiences.

The presenters are Emma Timewell, Communications Manager at Plant & Food Research, who has a wealth of experience in writing media releases that capture the attention of journalists, and Mike Shaw, Senior Communications Advisor at Plant & Food Research, who is especially adept at using social media to promote science.

We look forward to seeing you at PD in August 2015!

Mentoring Programme for Students

The NZPPS mentoring programme is being set up to provide undergraduate and postgraduate students external advice on their academic choices and career opportunities. Senior NZPPS members working in all areas of Plant Protection will be paired with students wishing to develop their career in a similar discipline.

The role for the mentor is to support the student in their goals and academic path at university and beyond. The mentor will act as a guide for the student and provide them with chances to learn from their own experiences as well as opportunities to meet influential people in the plant protection industry.

Mentoring will also include resource for Maori/Pasifika bioprotection-related topics as this is a growth area associated with settlement claims and Kaitiakitanga by Iwi for Taonga species facing biosecurity threats.

Numerous senior NZPPS members have indicated their willingness to act as mentors. We will shortly be contacting students studying/interested in plant protection regarding the mentorship program via University academics and Maori contacts. For more information on the mentoring system, either from a student potentially wanting a mentor, or a member of the NZPPS who wishes to act as a mentor please contact Kirstin Wurms (kirstin.wurms@plantandfood.co.nz), Eirian Jones (Eirian.Jones@lincoln.ac.nz) or Jason Smith (jason@horteye.co.nz).

Long-term Members Travel Award

Applications are due by 1st July by downloading and filling in the following form:

http://www.nzpps.org/travel_award.php

NZPPS welcomes applications from as wide a range of members as possible, including technical staff as well as scientists. Travel Award funds amounting \$2,500 are to be used at the discretion of the successful applicant, including use for conference

attendance, and/or training, either nationally or internationally. Awards for international conference attendance these days are as rare as hen's teeth, so **make sure you get your name into the hat by filling out an entry form - as it will be drawn at the AGM!**

Symposium 2015

The NZPP Symposium for 2015 will be on Wilding conifers. This will be held on Monday 10 August 2015 immediately prior to the Conference. This symposium will look at what has happened over that period (lessons learned and new threats), management methods for the present and the future, community awareness and public involvement and a panel discussion on policy alignment and management strategies. It will be 12 years since this topic was last addressed as a symposium, incidentally at the same venue (Chateau on the Park). Managing wilding conifers in New Zealand: 12 years on!

Programme topics include:

Did we bite off more than we could chew? - Lessons from the past 12 years (including new threats, non-coniferous wildings?)

Methods for the future (e.g. best methods (chemical etc), biocontrol, sterile, improved mapping and spread prediction)

Community awareness and public involvement (e.g. Community trusts, engaging volunteers etc.)

Policies, Plans and RMA? – working together?

Oral papers are still welcome, please contact Trevor James trevor.james@agresearch.co.nz

Resistance Management, A little look at what's happening....

The ACVM group have recently stated that labels on agricultural chemicals must contain the mode of action group (MOA) and resistance management statements (if applicable) to manage the development of insect, pathogen and weed resistance. The New Zealand Committee on Pesticide Resistance (NZCPR) supported this initiative back in March 2014 and along with other groups such as AGCARM pushed for mandatory information on resistance management on labels.

Mode of action tables were all updated last year by the NZCPR. However did you realise that these tables are now in the New Zealand Novachem Agrichemical manual. This enables a key piece of information to be readily accessed by users of crop protection products. Knowing what the mode of

action is of a certain product allows users to follow the resistance management strategies particularly when the strategy requires rotation or alternation with alternative modes of action. And most do. This critical information is available on product labels, the NZPPS website and now in the product manual.

Resistance development and management is very topical at the moment. There are concerns that significant diseases in Grapes, Apples, and Cereals have developed resistance to some of the major fungicide mode of actions. There is testing going on to determine what the actual situation is and to give insight into the level and frequency of any resistance. It is always important to remember that reduction in field efficacy or lack of field control is most often due to other factors such as incorrect dosage, inappropriate product choice, poor spray coverage and distribution and in correct timing along.

In response the NZCPR and AGCARM are holding a one day workshop in Auckland. There is a full and interesting program with a plenary session on the morning and workshop in the afternoon. Registration numbers are capped so please contact Lee Sheppard [lee.sheppard@agcarm.co.nz] at AGCARM to check on availability of places.

The details are...

Date: 27th May 2015

9.30am to 3.00 pm – start at 10am – Arrival tea and coffee available.

Venue: Pavilion Rooms, Sudima Airport Hotel, 18 Airpark Drive, Mangere, Auckland

Objectives:

- Review the status of current resistance management strategies in New Zealand to identify the need for updates and new resistance threats
- Gain a common understanding of the role of NZCPR, its terms of reference and how it operates
- Review the needs of stakeholders and ways they can help to improve the effectiveness of resistance strategy development

Draft Programme:

1. Workshop introduction
2. NZCPR and the current status of strategies
3. Science input - the latest on resistance development in the field in terms of:
 - a. Fungicides
 - b. Insecticides
 - c. Herbicides
4. Industry - the challenges of resistance out in the field?
 - a. Vegetables
 - b. Pipfruit

- c. Grapes/Wine
 - d. Arable
 - e. Kiwifruit
 - f. Regulator view
 - g. Pesticide Industry view
5. Discussion
 6. Workshops - issues, needs, review of strategies, time lines, resourcing in terms of :
 - a. Fungicides
 - b. Insecticides
 - c. Herbicides
 7. The way forward (feedback and plenum discussions)
 8. Farewell - concluding remarks

Valuable Scholarship 'Bequest'

Recently the final existing branch of NZPPS, the Hawke's Bay Branch, was wound up. It went down after a fight that lasted a long time. In the 1980's it was supported by senior names in the plant protection field like Jim Esson, Euan Wallace and Jennifer Hartley. The then young guns such as Gordon Harris and Doug Speers started edging in and even the fresh faced George Follas was seen occasionally. The executive committee was ably supported by Andre Geelen and Brian Mackintosh and others representing this active branch. As numbers of employees in the area dwindled and other local organisations were targeting a similar audience it became make or break time in the late 1990's. A regional amalgamation with the already merged Ag and Hort Science Society to form the "HB Agri-forum" did extend the lease of life for some ten years into the new millennium, with monthly events held through the then quieter autumn and winter seasons. Andrew Whitworth, Mark Walwyn, Ian Cairns, Peter Lorentz, Doug, Gordon and others carried on the tradition.

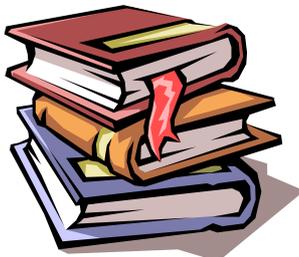
A significant and highly successful Horticulture Field Day was largely responsible for generating a considerable lump sum that was put in a term deposit and the interest was awarded to an annual scholarship to tertiary study in agriculture or horticulture for several years. This stopped more recently as the committee struggled to find time to administer this idea and interest rates dropped. After ten years of inactivity and with the official winding up of the branch, this lump sum has been forwarded to the parent body of the New Zealand Plant Protection Society. The executive voted to add the entire figure to the charitable fund of New Zealand Plant Protection Research Scholarship account. The executive administers this scholarship and has always wanted to build up the capital within the fund so that interest earned can fund the annual postgraduate scholarship awarded. This use is consistent with the aims of the society. Hawke's Bay members can feel very proud of the part they have played in generating these funds for the NZPP Research Scholarship. Hawke's Bay students should be actively encouraged to apply for the NZPP Research scholarship before 1 October each year!

News from the Treasurer

As you may recall, we have been forced to increase our membership subs slightly to cover the increasing costs of running the society. So keep a look out in the mail for this year membership invoice, and please pay promptly. We appreciate your on-going support and membership of this society, and we have been delighted with those of you filling in the "more details" form and sending that back to us. It helps us to keep our membership database up to date and accurate. Corporate members will hopefully recall that since last year each corporate member nominates their contact person for the society, and that person no longer has to be an individual member. Also if your corporate logo has changed, please don't forget to send this to us!



Books for sale now at Touchwood



Books for sale now at Touchwood

NZPPS titles (books, journals and symposia proceedings) are now distributed by Touchwood

Books. Our website now points you directly to the Touchwood website and there is still a 10% discount for NZPPS members, on NZPPS titles, purchased from Touchwood. We are also able to sell at a discounted rate to members at our conferences.

Best sellers include: *An Illustrated Guide to Common Weeds of New Zealand (Third Edition)*
An Illustrated Guide to Weed Seeds of New Zealand
An Illustrated Guide to Common Grasses, Sedges and Rushes of New Zealand
A Guide to the Identification NZ Weeds in Colour by Uprichard

Also available are past volumes of our journal volumes 59-67 along with symposia proceedings.

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See a full list ...

<http://www.nzpps.org/books.php>

Reminder: New Zealand Plant Protection Society members receive a discount provided they identify themselves as members at the time of ordering.

Future conferences

IPPC (International Plant Protection Congress) in Berlin, Germany. 24-27 August 2015.
<http://www.ippc2015.de>.

5th conference of the IWGLVV (International Working Group on Legume and Vegetable Viruses) in Haarlem, The Netherlands. 30 August–3 September 2015 <http://www.plant-virology.nl/IWGLVV2015> Contact: info.nkp@wur.nl

Australasian Plant Pathology Society Conference 14-16 September 2015 Fremantle, Western Australia Website: <http://www.apps2015.com.au/> 25th

Asian-Pacific Weed Society Conference on Weed Science for Sustainable Agriculture, Environment & Biodiversity on 13-16 October 2015, Hyderabad, India. <http://isws.org.in>

III International Symposium on Postharvest Pathology The 3rd International Symposium on Postharvest Pathology, Bari, Italy, June 7 to 11, 2015. <http://postharvestbari2015.it/>

6th International Bacterial Wilt Symposium 3 July - 7 July, 2016 Toulouse, France Contact Email: IBWS2016@toulouse.inra.fr www.ibws2016.org

3rd International Spongospora Workshop Website: <http://www.spongospora.ethz.ch/workshops.html#CH>

9th Australasian Soilborne Diseases Symposium 14 November - 18 November, 2016 Heritage Hanmer Springs, Canterbury, New Zealand.

Further listings are available here:

<http://www.iobc-wprs.org/events/index.html>

<http://www.isppweb.org/>

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