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THE AGCARM NEWSLETTER

December 2019

Celebrate New Zealand's healthy food

By Agcarm Chief Executive, Mark Ross

What was the last thing you ate? Do you know where it came from, or the journey it took to get to your plate?

When consuming a meal, or creating one, we often think of how the flavours and textures work together, or how our family and friends will enjoy the experience of a meal lovingly created or dutifully thrown together last minute at the end of a busy day.

But we don't often consider the farmers and plant scientists who work diligently each day to maintain our food supply and make nutritious food available.

Even before the first seed is sown, or animal is conceived, a range of science-based innovation and safeguards are in place to ensure that what ends up on the dinner plate is safe and good to eat.

Some people imagine that food is simple to grow, not considering the multitude of factors that got it through the supply chain and onto the plate. The threats that crops

and animals face - from pests and diseases to harsh weather - can ruin a crop harvest or threaten the health of livestock.

Farmers may be more fixated on weather forecasts, the prospect of a drought or water quality, than the veterinary medicines and agrichemicals - such as antimicrobials and herbicides - needed to ensure an abundant and reliable product to sell. But these tools are critical to farm production, to effectively manage pests and diseases, and grow our primary sector.

In New Zealand and overseas, the crop protection and animal medicine industries continue to invest heavily in cutting edge innovations to help farmers around the world to protect their crops and livestock from pests. Agrichemical and animal medicine products have never been more thoroughly tested and screened to ensure product safety.

So as you relax over the holiday break, consider a reality of food

shortages and price increases for basic food. Imagine your supermarket with no food for the barbeque. It's a dismal prospect. Enjoying a cool beer and grilling a good quality steak (or fake burger pattie) in the sun is at the heart of many kiwi festivities at this time of year.

In the land of the long white cloud, we are fortunate that all products in our food chain have been thoroughly tested and are safe - something not always guaranteed in other parts of the world. As a New Zealander, I am proud to be part of an agricultural industry that is world leading in the production of safe, healthy and sustainable food.



New Zealand cannot continue to ignore the need to modernise biotech laws

By Dr Parmjeet Parmar



DR PARMJEET PARMAR

On October 8, I announced alongside National Party Leader Simon Bridges, that National would make the required changes to modernise the Hazardous Substances and New Organisms (HSNO) Act that governs biotechnology in New Zealand, should we be elected in 2020.

Biotechnology has been advancing at a rapid rate and New Zealand is quickly being left behind due to our restrictive and out-of-date legislation. Amendments need to

be made to ensure we keep up with the constantly growing and changing scientific landscape in the field of biotechnology.

The legislative framework must ensure that we can make advancements that need to be made while mitigating risks to reap the benefits that the field of biotechnology offers. There are potential advancements on the horizon that could provide tangible benefits to New Zealand's environment, health, primary sector

and many other areas. This has the potential to provide huge benefits to the overall economy and people of New Zealand.

National made its announcement to update the HSNO Act the same day that our major agri-business partner and closest neighbour Australia brought its law change into effect.

New Zealand has a proud history of researchers, innovators and pioneering entrepreneurs who have turned ideas into successful realities. It is vital that we continue to nurture our best and brightest by giving them every opportunity to pursue their dreams here and futureproof our economy by allowing high value research and ensuring researchers stay in New Zealand.

But the reality is that even our crown research institutes have been forced to test their latest innovations overseas because New Zealand's biotechnology rules make it too hard to realise their potential here.

It is clear that the regulatory hoops created with the intention to keep us safe nearly two decades ago are now stifling innovation as we are locked down with a completely unsuitable law for regulating emerging biotechnologies.

The field of biotechnology has

expanded to the extent that it now not only includes procedures that mimic the unregulated selective breeding techniques that plant and animal breeders have used for centuries, but these techniques also make the process much more efficient and effective.

Our neighbour Australia has responded to the latest advancements and we should too.

National has committed to modernising our biotechnology laws as we support a regulatory regime that enables successful research in the field of biotechnology to be taken to the next level, allowing our scientists to unlock the benefits of current and future biotechnologies while ensuring that it is used safely for both humans and the environment.

Dr Parmjeet Parmar

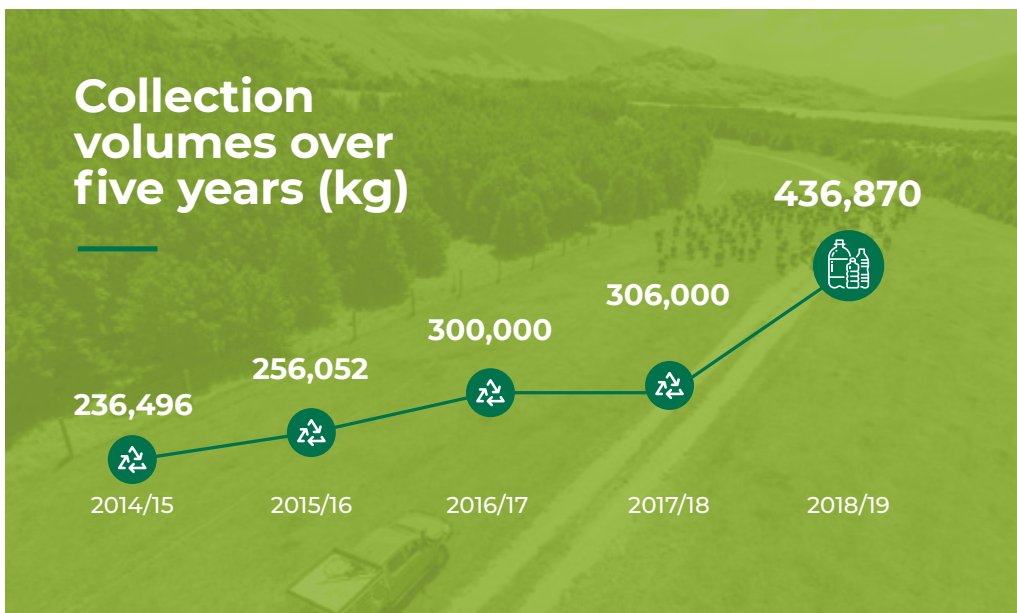
National List MP based in Mount Roskill

National Spokesperson for Research, Science and Innovation

National Associate Spokesperson for Economic Development

Chair, Education and Workforce Select Committee. ■

Agrecovery report shows 43 percent increase in recovery rates



Rural recycling programme Agrecovery released its Annual Report — highlighting how it is now recycling over half of all agrichemical containers sold.

This is a fantastic result and a huge leap from previous years — but there is still more to be done to clear waste from rural communities.

The programme collected 437 tonnes of agrichemical container plastic which is converted into useful materials right here in New Zealand. The results from the year up to 30 June 2019 are up 43 percent from the year before.

This means that the programme is now recycling more than half of all containers sold.

Agrecovery General Manager Simon Andrew praises the brand owners who take responsibility for their products. “Your ongoing commitment to product stewardship enables farmers and growers to recycle containers and dispose of any unwanted or obsolete products appropriately.”

The programme also safely disposed of 10.526 tonnes of unwanted or obsolete agrichemicals.

■ [Read the report](#)

Agrecovery seeks to expand recycling operations to better support New Zealand’s primary sector, but is hindered by a lack of processing infrastructure.

Recycling and repurposing plastics, such as the woven polypropylene bags used for feed, seed as well as fertiliser, is challenging. There are options for recycling these, as well as the other softer plastics of silage and bale wrap – but more local facilities are needed to process the materials.

Chair of Agrecovery, Adrienne Wilcock says “we need to ensure the facilities exist locally for repurposing waste, and then tie this in with an operational model that is sustainable, ethical, minimises carbon emissions and provides a valuable product to be reused in a circular model.”

Large turn out for recycling events

Agrecovery ran six nationwide recycling events for farmers and growers in August and September 2019.

More than 37 tonnes of waste was dropped off at the events - including agrichemical containers, unwanted agrichemicals, used agricultural oils, seed and feed bags, and soft plastics.

“The events gave us the chance to work with farmers and growers to find the best ways of sustainably clearing on-farm waste,” says Andrew.

Feedback from attendees was positive, with many calling for more events and additional waste streams to be included.

This model will be replicated next year as part of the One-Stop Shop recycling project.



Adrienne Wilcock and Simon Andrew

Update on EU Pesticide developments

2019 has been a year of changes in the EU for more reasons than one.



PETER DAY

By Peter Day

The European Parliament elections took place in May and resulted in some shifts in the traditional balances between political groups. The EU's largest parties, the European People's Party and the Progressive Alliance of Socialists and Democrats, both lost ground and as a result will have to increasingly work with some of the other groups, such as Renew Europe and the Greens.

With the new political term, comes a new set of Commissioners. Ursula von der Leyen has replaced Jean-Claude Juncker as President. Her team of Commissioners is complete following the European

Parliament hearings which took place in October and November. von der Leyen's mission letters to the 26 Commissioners outline the environmental policy expectations for the next five years, with the environment clearly having a more central role. Key initiatives announced include the European Green Deal, the Farm to Fork Strategy for sustainable food, and a zero-pollution ambition. Only time will tell how these ambitions translate to everyday EU decisions, including on pesticide regulation, and what impact the initiatives have globally.

The European Commission recently completed its regulatory fitness and performance (REFIT) evaluation on the functioning of the EU pesticide regulations. The view expressed by the Commission's panel of scientific advisors and the European Parliament's special committee on pesticides is that the regulations are effective at protecting human health and the environment, but there are aspects of the implementation that could be improved. Well recognised is the lack of adherence to legal timelines for processing applications and the ineffective functioning of provisions intended to increase work-sharing between Member States. There appears to be little appetite by most stakeholders to completely revise the regulations,

but the Commission is likely to put forward some recommendations to fine-tune implementation. The eagerly awaited conclusions should be released in early 2020.

In September 2019, the Commission published its amendments to the General Food Law; these mainly intend to increase transparency in the EU's risk assessment processes. Wide sweeping changes will result in evaluation procedures not only for pesticides, but also for GMOs, feed additives and several other food sectors. Studies submitted in applicants' dossiers will be made public at an early stage, effectively before the risk assessment has started. The public will be able to access those studies and provide input on whether additional information exists which the European Food Safety Authority (EFSA) and other regulatory authorities should take into account. The changes, which officially come into force in March 2021, will fundamentally amend the evaluation process and will make more information more publicly accessible in the EU and globally.

The EU approval for glyphosate is due to expire on 15 December 2022. Companies wishing to maintain authorisations must submit a renewal application by 15 December 2019 and a renewal dossier by 15

June 2020. Typically, one Member State takes the lead in evaluating a substance before the EFSA peer-review takes place. However, due to the anticipated high workload, the Commission has exceptionally asked four Member States to jointly share the work on the glyphosate dossier. These countries are: France; Hungary; the Netherlands; and Sweden. If the substance follows the normal process, a final decision on EU approval should be made around mid-2022.

And last but not least, and on a more personal note, November saw a return to New Zealand shores for me after 15 fascinating years in Brussels. Beyond the stereotypical friendliness and welcoming nature of Kiwis, I greatly appreciate the down-to-earth and can-do attitude we have in this country.

Peter Day

was the Director of Regulatory Affairs for the European Crop Protection Association and has recently taken up the role of Senior Advisor for the Environmental Protection Authority. ■

Disclaimer: The views expressed in this article are those of the author and not those of the Environmental Protection Authority.

Agcarm's premier networking event: ANNUAL CONFERENCE 2019



Research and Development tax benefits to grow NZ's knowledge economy



RESEARCH AND DEVELOPMENT COULD BE GIVEN A BOOST

Having the latest technologies for managing pests and diseases through research and development (R&D), not only benefits farmers, but also the environment, the economy and all New Zealanders.

Agcarm members spend approximately NZ\$50 million per year on R&D within New Zealand.

The government's commitment to raising the country's expenditure could lift business spending in this area.

The government has a target of raising R&D expenditure by two percent of GDP by 2027. New Zealand will benefit from this as long as the tax credit thresholds do not deter worthwhile businesses from applying for the credit.

Eligible R&D activities conducted during the 2019/2020 tax year

will qualify. Businesses should be recording R&D activities and expenditure now to ensure records are ready to file at the end of the tax year.

These tax credits are one way of encouraging innovation. The government needs to investigate other ways of increasing innovation, such as removing regulatory barriers for introducing new products to New Zealand.

The main features of the R&D incentive:

- o A credit rate of 15%
- o \$120 million cap on eligible expenditure.
- o A minimum R&D expenditure threshold of \$50,000 per year.
- o Limited refunds for the first year - mirroring the IR R&D tax-loss cash-out scheme. A more comprehensive policy will be in place in the second year.
- o A definition that ensures that the credit can be accessed more easily across all sectors, including technology.
- o including state-owned enterprises, industry research cooperatives, levy bodies, and minority-owned subsidiaries of select Crown entities.

More information on the tax credits can be found on the Inland Revenue website

Training providers join forces

Spray applicators will now have one training programme

Rural Contractors NZ and Growsafe have joined forces to merge two chemical applicator training programmes - to be managed by Growsafe.

The change aims to streamline the process, especially for qualification renewals. These were different for each scheme - with Growsafe requiring a site audit and Rural Contractors focussing on professional development. The new scheme will combine both elements, requiring a site audit and formal evidence of professional development.

As part of the merge, the Rural Contractors agrichemical events will be opened up to all Registered Chemical Applicators (RCAs).

RCAs using class 6.1A or B substances will need a Certified Handler certificate when their Approved Handler certificate expires - another reason for the change.

The new Certified Handler scheme requires a site visit by a compliance certifier or nominee. Under the new scheme, a single site audit

can cover the requirements for both RCAs and Certified Handlers.

Growsafe is working with compliance certifiers to develop a checklist that covers the scope of both certificates.

What this means for applicators and their employers

Contractors should ensure that they have an RCA certificate for the type of spraying they are doing.

Employers of contract sprayers should check the certification of their contractors to ensure they have a valid RCA certificate with the relevant strand.

Contractors renewing either their RCA or Certified Handler certificate should check whether the audit covers both sets of requirements.

The expiry date of the two certificates should be aligned to avoid duplicate audits.



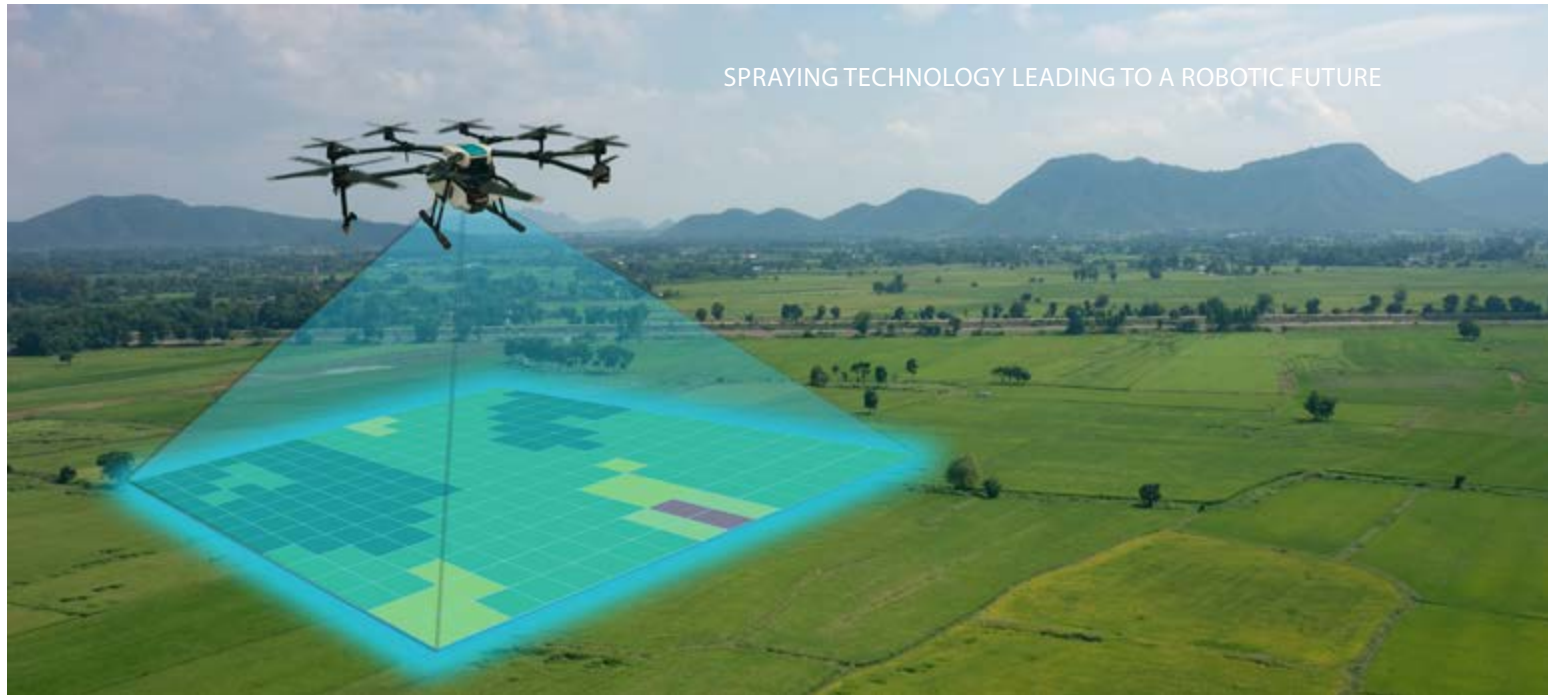
The National Certificate in Agrichemical Application will also change from early 2020. This is a prerequisite for the RCA certificate. The main change is the introduction of an airblast strand.

Growsafe will work with the relevant Industry Training Organisation to develop an approach for existing sprayers with sufficient knowledge and experience to demonstrate their competency through a Recognition of Current Competency process.

RCA certification is a requirement under the Environmental Protection Authority Hazardous Properties Notice and some regional plans for broadacre, airblast or aquatic spraying by contractors. Some regional plans also require this qualification for spraying in public places.

For more information on regulatory changes, new certificates and how to renew, visit www.growsafe.co.nz

Agriculture today is about high speed and high precision



In the last decade, there has been an unprecedented growth in precision farming - with about 80 percent of new farm equipment using it.

Modern, more efficient farm equipment allows farmers to improve their crops with more targeted applications of crop protection products - reducing costs and workloads.

Agricultural machines can help protect crops from pests with exact doses and targeted applications of products. This efficiently uses the land to maximise harvests.

Farmers using advanced digital precision technology report reducing herbicide use by 10 percent and diesel by 20 percent.

Thanks to digital connectivity, smart farm equipment can provide farmers with field-specific

information from cloud-based farm management software. Sensors collect data from a distance to evaluate soil and crop health and identify the presence of pests or diseases.

Drones mainly capture images and provide data, but they also monitor crops from planting to harvest - helping farmers to react faster to threats such as weeds, insects and fungi. This data is processed and translated into information on plant

health and pest infestations. Data can then be entered into smart machinery to adjust the amount pesticide used for a field.

This saves time and improves the application of variable input rates in real-time.

Drones can also be used to apply pesticides. Aerial spraying in Japan and China is done by drones. In Europe, they are used to distribute biological agents like wasp eggs.

The potential for drones is sky-high. Water-resistant drones can monitor any type of crop, in any geographical area, in any weather. They can also get higher quality and more precise images in real-time as they fly below the clouds and have high photo resolution — far superior to satellites, which only take pictures once a week or month and don't work well when it's cloudy.

The use of agricultural drones will grow significantly in the coming years as they offer a wide range of applications that improve precision farming. They can potentially replace the human application of pesticides, minimising farmer exposure.

That's some high-flying technology that will hopefully be available in New Zealand sometime soon.

Report reveals value of crop protection products to NZ

A report by the New Zealand Institute of Economic Development (NZIER) reveals that without crop protection products, New Zealand's economy would lose between \$7.5 to \$11.4 billion.

New Zealand's crop protection industry is small, with a contribution of less than one percent to the GDP, but the report, commissioned by Agcarm, shows it's wide-reaching effects.

On average, crops would lose 30 percent of their value without these products, according to the Importance of Crop Protection Products for The New Zealand Economy report, which covers horticulture, vegetables, forestry, pasture and field crops.

The horticultural sector alone would lose 75 percent of the value of its crops - resulting in almost a \$4 billion loss to the industry and the economy. This would severely affect our growers, who wouldn't be able to grow commercial quantities of crops without these products. Yields would be much lower and the economic impact of this would be substantial.

Not only does the crop protection industry have an important part to play in supporting the economy, it is also vital for producing safe food and protecting crops from damaging pests and disease, including

developing tools for managing biosecurity incursions.

The use of crop protection products was vital for managing deadly bacteria during the 2010 PSA outbreak, which would have severely reduced kiwifruit production.

On the other side of the coin, even a small increase in horticultural productivity has a ripple effect in boosting the economy, the report says. Innovation can have a substantial effect on productivity, with a small increase being worth between \$10 to \$100 million.

The industry ensures that there continues to be a variety of solutions for growers and farmers. Agrichemicals that are more environmentally-friendly, more effective and more targeted allow farmers to better control target pests. This is reflected in the importance of the regulatory regime which approves these products for use.

The report highlights that delays in this process mean that newer, softer, and more environmentally-friendly chemistries take longer to get to market. It says that a one year delay means a loss of between \$7-\$70 million to the GDP, over a decade.

Without these products, New Zealand's growers would not be able to grow enough crops. The impact of this would be more wide-reaching than the economy alone. ■

Horticulture

Productivity in Horticulture

Productivity has hefty repercussions. Small increases in productivity can have a mammoth effect

FACT A small increase is worth between **\$10 to \$100 million.**



Vegetables

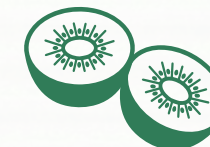
The value of crop protection products to vegetable growing is estimated at

\$1.2 or **88%** of the total value of vegetables.



Kiwifruit

Without crop protection products, a severely reduced kiwifruit production would have occurred during the 2010 PSA



Labour Market

FACT The industry directly employs **310** full time equivalent highly skilled workers.

FACT The industry creates **1,000-1,100** indirect jobs in sales, marketing, agronomy, spray contracting and transport.



Outstanding Contribution Award: Claire Mills



This year's winner of the Agcarm Outstanding Contribution Award is one of Agcarm's best contributors; is always supportive; and does a lot for the industry.

This award recognises Claire Mills' contribution to Agcarm and the wider industry. She is a strong contributor - participating in working groups, and is proactive with issues management. She provides feedback on regulatory performance and helps the Agcarm team with industry advice.

Claire's position as Technical and Development Manager at ADAMA allows her to "play to her

strengths", says her manager and Chief Executive of the company, David MacGibbon. She manages to operate at a strategic level and is effective at working with farmers, growers and industry to find solutions to agronomic problems. This has seen her cement some enduring relationships within the sector.

"Claire has a holistic approach to crop protection, incorporating her experience in agrichemicals, integrated management systems and nutrient management, which has enabled her to add value and provide tangible benefits for clients," says MacGibbon.

"Claire's personal motivation, goal-orientation and eye for detail ensure that she is a valued, respected and enjoyed member of the ADAMA team."

Claire has a Bachelor of Horticulture from Massey, with First Class Honours majoring in vegetable production, soil fertility and land management, and plant physiology. After some post-grad research and an OE, Claire commenced with Fruitfed Supplies and quickly climbed to the roles of branch manager and regional horticulture manager before moving onto category management and, immediately prior to joining ADAMA, as a project manager for the PGG Wrightson supply chain. ■

Summer Conference



26 FEBRUARY 2020
SUDIMA HOTEL AIRPORT CHRISTCHURCH
63 WESTNEY ROAD, CHRISTCHURCH

Speakers confirmed include National party spokesperson on Research, Science and Technology and Biotech, Dr Parmjeet Parmar MP; Life Sciences Network and former Chair of Federated Farmers, Dr William Rolleston; Dairy NZ's Dave Hodges; and the Healthy Food guide's Niki Bezzant.

In the afternoon there will be three workshops tailored specifically to animal health, distributor and crop protection interests. This will be followed by a political speaker and networking.

More information is available on our [conference page](#) or by contacting the conference organiser, [Melanie Murray](#).

[Register for conference.](#) ■

Mark Christie: His skills are many and his contribution immense

Life Membership Award 2019

Agcarm member, former President and Vice-President, Mark Christie, was awarded the Life Membership Award at the Agcarm Annual Conference in July. The award recognises Mark's leadership and contribution towards progressing industry initiatives and tackling industry-wide concerns.

Mark was instrumental in progressing advances in data protection, the Agrecovery rural recycling programme and pursuing more accountability and efficiency from regulators in his decade on the Agcarm Board. He demonstrates robust leadership in the wider industry - derived from a passion for agriculture.

Member numbers also increased markedly during his presidency and he was instrumental in setting the Agcarm's strategic direction.

Peter Holden, a fellow past Agcarm Board member says that "Mark was an outstanding president and a very active participant in all board

activities", noting that he is also well respected by peers and competitors alike.

"He ensured that there was a strong and productive relationship between the Board and executive, leading to effective teamwork and performance.

"The fact that Mark was prepared to step up and continue his presidency (twice!) when asked, speaks volumes for his dedication and commitment to our industry, despite having a busy role with both DuPont and more recently FMC." As Immediate Past President, Mark subsequently provided counsel and support for incoming board members - maintaining continuity and direction after he stepped down in 2016.

On a personal level, Holden says he's known Mark, "almost from the start of our respective careers".

"I have always respected the very measured, balanced and ethical manner with which he deals with business and the people he interacts with. He stands out as the most significant board

contributor in my nine years on the Board and it has been a privilege to work with him."

Mark's 35 plus years in crop protection, includes broad experience in the development, use and management aspects of the industry. He combines this with a unique ability to comprehend the practical viewpoint of end users to those of stakeholders and manufacturers.

Mark was elected to the Agcarm executive in 2009, relishing in the responsibility to represent the common concerns of members.

He became Vice President in 2011 and President in 2012 - a position he held for five years, then another two as Immediate Past President.

His passion for agriculture was born at an early age - doing the 'lambing beat' on his uncle's farms in Southland and continued throughout his career.

Mark graduated from the University of Otago with a BCS in Zoology and Human physiology. He then completed a Diploma in Agricultural Science in entomology at Lincoln University before joining DuPont in 1981.

He has held many roles within DuPont both in New Zealand and Australia, including country manager, product development and territory management. He is now the Commercial Manager - Australia and New Zealand for FMC agricultural solutions.

Outside of work, Mark's interests include mountain and road cycling, bush walking, mountain climbing and spending time with his wife and wider family. He is especially a proud grandad.

Agcarm Chief Executive Mark Ross says that Mark Christie is a very worthy recipient of the Life Membership Award. "He has great mana amongst Agcarm and the wider industry. On a personal level, he has provided me with much support, and is a wise mind to call on when advice is needed."

Agcarm, his colleagues and the industry look forward to maintaining his continued input. ■



Mark Christie (left) with Pauline Calvert, Agcarm President and Mark Ross, Chief Executive ■



Mahanga Maru congratulates Mark Christie with a waiata ■

Agcarm boosts agriculture and veterinary students

Massey University students, Imogen Redpath and Sarah Wyatt, have each been awarded a \$2,500 scholarship from Agcarm to help with their studies.



IMOGEN REDPATH

Ashburton student, Imogen Redpath will use her winnings to buy a new stethoscope, textbooks and wet weather gear for her calving placement. But most will be put aside until the fifth year of her Bachelor of Veterinary Science degree – to help fund her practice placements.

She says that the scholarship from Agcarm is a “huge help financially” as it allows her to focus on her studies and “relieves a lot of the financial stress that comes with studying for the degree, both on me and my family”.

Redpath iterates the importance of animal medicines for veterinarians. “A lot of the work that veterinarians do would be made impossible without the use of veterinary pharmaceutical products.” She emphasises the need for veterinarians, farmers, pharmaceutical companies and regulatory bodies to work together to avoid resistance issues and ensure the continued effectiveness of antimicrobials. “Otherwise the health of both humans and animals is ultimately going to be compromised.”



Vaccinations are “extremely important” for protecting animals and people from life-threatening diseases. She is also a keen advocate of increased investment and research into veterinary medicines.

Sarah Wyatt, won the horticultural scholarship. The 19-year-old bachelor of horticultural science student developed her interest in horticulture when growing vegetables, plants and flowers in her home town of Dannevirke.

She’s keeping her options open about what that career-path might be, but is tempted to pursue an interest in research and development. This seed was sowed after a stint at BioLumic – a R&D company where



SARAH WYATT ACCEPTS HER AWARD FROM MASSEY UNIVERSITY VICE-CHANCELLOR, JAN THOMAS

she worked while studying. Nursery is another potential area of interest. But for now she’s keeping an open mind.

Agcarm has supported the Massey University students for 13 years because of its mission to foster innovation and capability in agriculture, particularly in building future leaders.

Agcarm chief executive, Mark Ross says “as an industry, we need to keep adapting and evolving to meet the changing needs of our farmers, growers and retailers. We need to do more to attract people into our industry and retain great talent.” ■

AGCARM OFFERS TWO SCHOLARSHIPS A YEAR TO SUPPORT EDUCATION AND TO RAISE AWARENESS ABOUT CAREERS IN AGCARM-RELATED INDUSTRIES.

The scholarships are an example of industry initiatives led by Agcarm to provide safe and sustainable animal health and crop protection

technology for the future of New Zealand, and educating the community about the industry’s contribution.

Representing Manufacturers

DEB FRANCIS

Individual associate

Deb has over 20 years' experience in recruitment, with 12 of those as a principal of her own company - specialising in the primary industries. A dedicated ambassador for everything related to the land, she says; "introducing people within the industry to each other is my passion."

She is able to draw on her background in sheep, beef and horticulture - including growing peonies for export on her West Otago property.

Deb is a Member of the Recruitment and Consulting Services Association (Australia and New Zealand) and can be contacted on +64 21 224 5000.

[Agrecruit website](#) ■



DEB FRANCIS



ANDREW THOMPSON

Andrew is General Manager of Lonza NZ, a crop protection and timber treatment business based in New Plymouth.

He manages a number of teams for the business - including research & development, commercial, operations and administration.

Andrew has been with Lonza, formerly Zelam, since 2002 and has progressed to General Manager after other commercial roles.



CHRIS YOUNG

Chris is the Regulatory Affairs Manager at Boehringer Ingelheim Animal Health NZ.

Chris has held regulatory positions with Bomac Animal Health, as well as the animal health and crop science divisions of Bayer.

He also spent two years with GlaxoSmithKline in London.

With experience in the veterinary medicine, crop protection and human pharmaceutical industries, Chris enjoys collaborating with industry and regulators to tackle challenges and encourage efficiencies in our industries.

Representing Distributors



RICHARD OLDS

As a 25-year veteran in the retail and distribution environments, Richard has largely been involved with the supply chain function.

For the past nine years he has held the role of Head of Supply Chain for PGG Wrightson, covering the Retail and Water Group.

"I'm motivated to see the wider industry protected, enhanced and advanced," he says.



DARRYL STRETTON

Darryl has managed the national crop protection category and fertiliser business for Farmlands for the past four years. Prior to this, he managed the Australian horticulture portfolio with Bayer Australia.

Passionate about food production and farming systems, he is excited about the opportunities that lie ahead for the New Zealand crop protection industry.

"I believe that through careful navigation and better marketing of our core values and the unique innovations we bring to New Zealand agriculture, our industry can continue to prevail.

"This will not be without change to our current modus operandi," he says.

What is Agcarm?

Agcarm is the industry association which represents crop protection, animal health, and rural supplier businesses. Agcarm members distribute and sell the majority of veterinary medicines and crop protection products in New Zealand. Agcarm members promote responsible use of products right through the product life cycle, from research to disposal. Agcarm is also a positive voice for its members and lobbies for progressive and sensible policy.

For information on joining Agcarm, go to www.agcarm.co.nz

Our mission is to protect and enhance the health of crops and animals through innovation, development and responsible use of products.

We work with governments and stakeholders from around the globe to shape policy and meet the shared goals of health and safety to protect the environment and the food chain.

Our ability to source information from experts around the world gives legislators access to the best advice.

Agcarm's priorities:

Safe Food / Provision of Innovative Compounds / Resistance Management / Healthy Animals and Crops / Product Stewardship / Bee Health / Sustainability.



**The voice of crop protection
and animal health.**

