SUMMER 2023

CropLinks

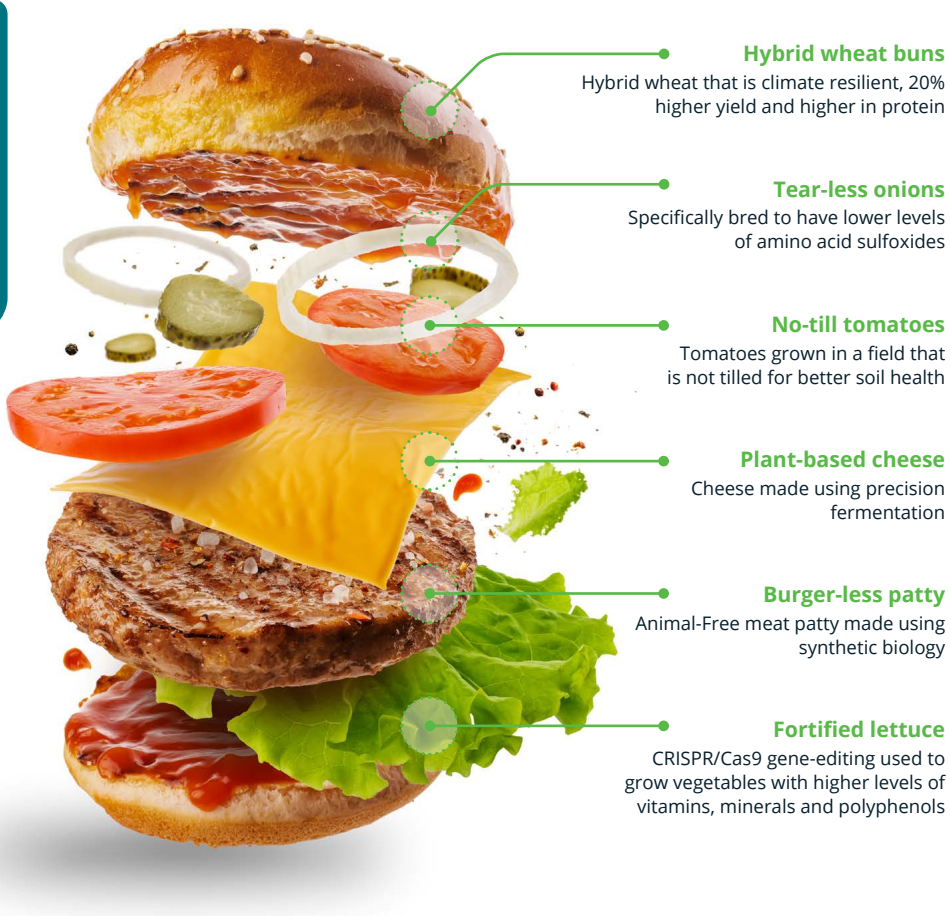
THE LATEST PLANT SCIENCE INDUSTRY NEWS

Future Foods?

Innovations good enough to eat

The world is hungry for sustainable solutions. Thankfully the plant science industry, farmers and food innovators are pioneering the technologies and practices that are shaping the way we eat now and in the future.

So, what's on the menu?



For decades, agriculture and our food supply system have become more efficient, resilient and environmentally sustainable through science.

Food materialising like an episode of Star Trek is not a reality. But the need for a sustainable food supply fundamentally challenges the notion that "natural" = better.

It is the tireless work of scientists, farmers and policy makers that is driving the technologies changing the contents of our plates.

The exciting news is that many game-changing technologies already exist.

Gene-editing not only makes selective trait breeding more precise, it is being harnessed to develop super crops that are more resilient to disease, climate change and drought.

With the right regulatory frameworks, it could improve nutritional benefits for consumers, reduce food waste and address nutrient deficiencies in specific populations – all through plants.

Even with the best new generation seeds, all crops need managing to sustainably protect yields against pests and diseases.

To feed nearly 2 billion more people by 2050 on the back of existing food insecurity is a monumental task.

Fortunately, for those in the plant science industry, this necessity is indeed the mother of innovation. The future is here and it's good enough to eat.

Inside this issue

REPRESENTING THE BEST OF THE PLANT SCIENCE INDUSTRY

CropLife Australia

From the CEO

As global citizens, we face a profound moral imperative: to ensure that every person, regardless of geography or socio-economic status, has access to adequate and nutritious food.

Matthew Cossey
Chief Executive Officer, CropLife Australia

CropLife acknowledges the original farmers and custodians of the lands we live on.

To deliver food and nutritional security requires growing more food more sustainably, as well as reducing food loss and waste at every stage of production and consumption. This imperative is the core mission and innovation driver of the plant science industry.

While Australia is fortunate to have a modern and efficient farming sector that ensures our own food security, we live in a world where nearly 800 million people go hungry, and malnutrition continues to wreak havoc. Addressing food and nutritional security is not just a matter of compassion — it's a foundational step toward achieving peace, prosperity and sustainability.

In this modern era marked by technological advancements, it's paradoxical that we can produce enough food to feed the entire planet, yet millions still starve. A significant part of this paradox is food loss and waste. Approximately one-third of all food produced for human consumption is lost or wasted every year. This waste doesn't only represent lost calories but also squandered resources like water, energy and labor.

However, adversity breeds innovation, and therein lies our hope. We are now witnessing the dawn of a new agricultural revolution. Cutting-edge technologies such as precision farming with modern pesticides, CRISPR gene-editing and AI-driven predictive analysis are empowering farmers to grow more food with fewer resources.

Vertical farming, using stacked layers to cultivate crops, not only optimises space but also enables further sustainable use of inputs. Moreover, innovations in biotechnology have the potential to develop crop varieties that are more resilient to pests, diseases and extreme weather conditions.

In parallel, addressing food waste demands both technological and societal solutions. The rise of smart packaging that can indicate food freshness and apps connecting surplus food with those in need, are glimpses of a future where food waste diminishes. Equally important is fostering a global culture that respects food, emphasising its value from farm to fork.

The quest for global food and nutritional security is a shared responsibility. It is an ethical obligation that intersects with our survival, health and the sustainability of our planet. By embracing and investing in new technologies and innovative solutions, we can bridge the gap between abundance and need, ensuring that every individual has a seat at the global dining table.

Here in Australia, it falls on government to provide a stable, science and evidence-based regulatory system for all agricultural sectors. Without this, baseless political language threatens to warp public policy and compromise the capacity to achieve global food security sustainably. The challenge before the plant science industry and the nation's farmers is hard enough as it is.

The economic contribution

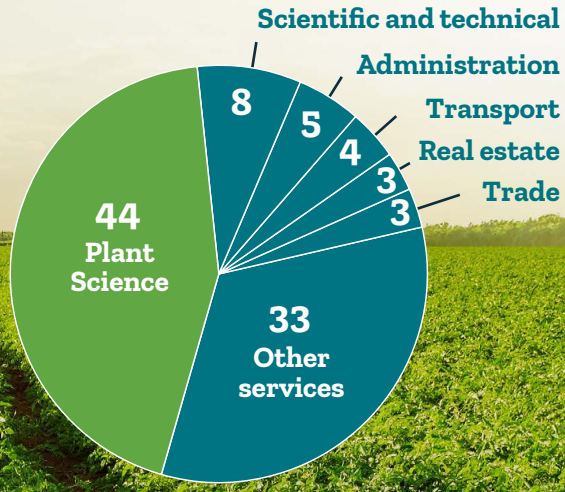
of crop protection products in Australia

$31.6 billion
of agricultural crop production is enabled by pesticides.

A **53%** increase in value over 5 years

That accounts for

10,500 FTE
contributes
$1.96 billion
to the economy



A new report by Deloitte Access Economics has revealed that 73 per cent of the $43.2 billion of total crop production is attributable to farmer access to and use of crop protection products.

The report also shows Australian production of staple foods like onions, carrots, tomatoes, rice, potatoes and strawberries would not be commercially viable without the safe and sustainable use of chemical crop protection products. **Read the full report at the CropLife Australia website croplife.org.au**

Crop Protection

Crop
PROTECTION

Context is key: Australia leads the way in sustainable agriculture

A new report by the Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) confirms that Australia is a world leader in agricultural sustainability. Innovative land management practices and early adoption of the modern products provided by the plant science industry have allowed Australian farmers to grow more with less, while improving environmental outcomes and maintaining access to international markets that are increasingly discerning to sustainability.

Did you know?

Farmers in the 1950s used up to 2,400g of active ingredient per hectare to control weeds. Farmers today need only 75g per hectare thanks to the refinement of modern chemistry.

According to the report, Australia's food production has more than doubled while utilising 28 per cent less land since the start of the Green Revolution more than 50 years ago. Plant science innovations such as modern pesticides and genetically modified (GM) crops have been central to enabling the sustainable intensification techniques that have created a shift in land use to nature conservation.

Conservation farming practices, including zero-tillage enabled by responsible pesticide use, are now dominant on approximately 85 per cent of the nation's farms. These practices enhance soil health, preserve moisture and mitigate erosion caused by outdated farming methods.

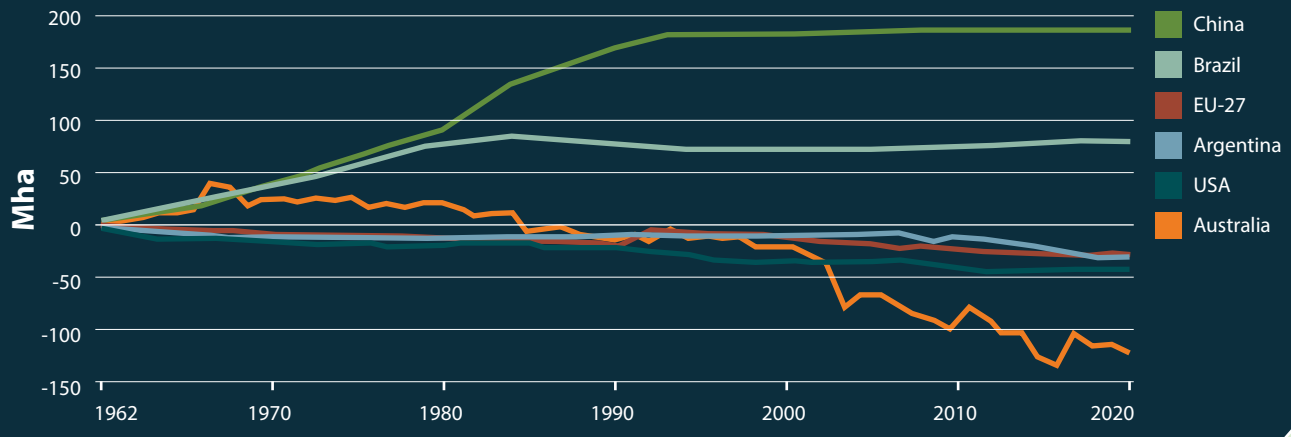
Australia sets itself apart by employing responsible pesticide use practices, averaging at 2.05 kg/ha per annum - a figure comparable to or lower than major agricultural producers and exporters worldwide.

The report underscores the significance of region and context-specific sustainability practices, products and innovations, emphasising the need for a fit-for-purpose, evidence-based regulatory system. Australia's independent agricultural chemical regulator, the Australian Pesticides and Veterinary Medicines Authority (APVMA), plays a vital role in ensuring a science-based approach to registrations and regulations.

It is imperative for the Australian Government to prioritise policy and regulatory decisions that genuinely enhance sustainability, rather than succumbing to the unfounded opposition to science witnessed in certain jurisdictions. By maintaining an independent, science-based regulatory system that acknowledges Australia's unique farming conditions, farmers can access transformative innovations and technologies that have revolutionised the industry thus far.

Change in agricultural land since 1961

Australia has reduced agricultural land use, delivering more land to conservation and nature (while raising agricultural productivity)



Source: Environmental Sustainability and agri-environmental indicators – international comparisons, ABARES, 2023

Transcending the Goldilocks Zone:

How climate change could be our biggest biosecurity threat

There's a tangible shift happening in this harsh but vulnerable continent. Rising temperatures, shifting rainfall patterns and extreme weather events have set in motion a chain of events leading to ecosystem drift. Consequently, Australia, which is renowned for its unique and diverse mix of biodiversity and agriculture, is yet to face its biggest biosecurity threat: climate change.

On earth the conditions are just right for life to thrive – not too hot, not too cold. However, habitat conditions vary tremendously with latitude and elevation.

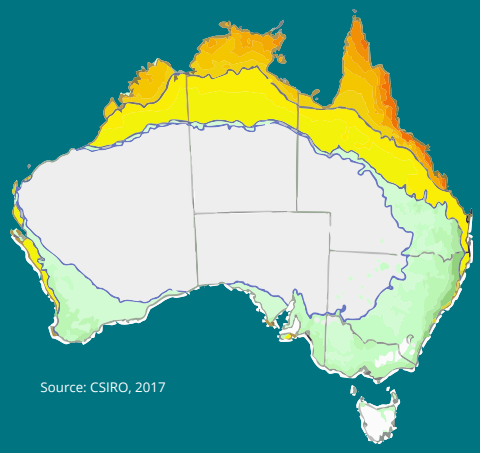
As climate change re-sets the boundaries of habitat zones, the plants and insects which evolved under those conditions move with it. Invasive species are also on the move, taking advantage of warmer temperatures that allow pests and diseases to thrive in new areas while agricultural and native land stays put.

Pesticides continue to be a crucial tool in countering the threat to production and biosecurity caused by new incursions entering Australia.

Plant breeding is also a vital tool in adapting food crops to a changing climate and invasive pests. Through targeted breeding programs, using both traditional techniques and biotechnology, new crop varieties are being grown with inherent resistance to pests and diseases like the fall armyworm.

Fall armyworm infestation in an Australian corn crop.

To address the challenges posed by invasive species in the context of climate change, collaboration and investment in modern pesticides and plant breeding research and development are essential. By bringing together scientists, farmers and policymakers, international cooperation for monitoring and control efforts can help stem the spread of invasion.



Source: CSIRO, 2017

The spread of fall armyworm

The fall armyworm (*Spodoptera frugiperda*) is a highly destructive and invasive pest originally native to the Americas.

The global proliferation and expansion of fall armyworm has infested crops such as corn, rice and sorghum in various regions worldwide - most recently Australia. Its recent spread to Australia is a key example of how climate change could devastate crop production in the north. The map shows the extent of the fall armyworm in Australia, rapidly expanding south into the traditional grain belt, capitalising on increasing temperatures that accelerate its life cycle. As a result, farmers are encountering unfamiliar challenges, with traditional pest management tactics proving inadequate against the resilience and adaptability of the fall armyworm.

Crop Biotechnology

Crop
BIOTECHNOLOGY

The fight against fungus:
A lifeline for the Cavendish

In the 1960s, the once dominant Gros Michel banana vanished from shelves across the world. Its devastating disappearance was caused by a soil-borne fungal species that still haunts Cavendish banana growers today.

Without a known pesticide or method of control, the soil-borne fungus that causes Fusarium wilt, also known as Panama disease, can spread rapidly and remain in the soil for over 50 years. But now an Australian genetically modified (GM) Cavendish banana resistant to the disease, could save the variety.

The Cavendish banana variety represents 97 per cent of production in Australia and 50 per cent of global banana production. Like the Gros Michel, Cavendish bananas reproduce via cloning new shoots rather than seeds. This means a disease, fungus, or pest that can kill one plant can kill them all.

In 2015, a new strain of Fusarium wilt, tropical race 4 (TR4) made its way to the Tully Valley in Queensland and while its spread has been contained, the industry nervously holds its breath. Enter the QCAV-4 GM banana.

The new GM banana developed by Queensland University of Technology (QUT) contains a single resistance gene discovered in a wild banana species native to south-east Asia.

It is the first Australian GM fruit to be submitted to Food Standards Australia New Zealand (FSANZ) for assessment. If the application is approved, the banana would not be commercially produced, as TR4 is currently contained within the industry. It is however a critical tool in the arsenal against the deadly fungal disease.

Such a breakthrough stands as a testament to Australia's innovative biotechnology sector and represents a significant opportunity for Australia to be a leader in banana development. On a global scale, Australia is a small market, so modern, responsive and appropriate regulations are crucial. Without that, there's a risk that the technology will be taken to markets like Canada and the US where there is a clear path for investment.

From left: wild banana Musa acuminata ssp malaccensis, Cavendish and genetically modified QCAV-4 plants. Photo by QUT

Australia's first disease resistant GM banana

When Panama disease TR4 hits, the destruction is near-total. Two to nine months after being infected, the plant is starved of nourishment and hollowed out from the inside.

The soil it grew in, now riddled with the fungus, is useless for growing bananas. QCAV-4 (right) has been bio-engineered with a single resistance gene, RGA2, from a wild banana found in south-east Asia (left).

Time for fit-for-purpose gene technology framework

Life, through the lens of synthetic biology, is rapidly transitioning from a book to be read to a story to be written.

Gene-editing holds the key to expanding the possibilities of synthetic biology that could rewrite the rulebook for many sectors including agriculture in the face of climate change and food insecurity. Such heavy lifting by technology requires a considered, agile, future-proofed regulatory system.

Regulatory frameworks are the bedrock to good policy by providing clear guard rails to facilitate safe and ethical innovation. The modernisation of Australia's National Gene Technology Scheme is essential to ensuring current regulation of biotechnology keeps up with advances in crucial gene technologies like gene-editing. However, lengthy delays in the Third Review of the Scheme have created a legislative stalemate it was established to avoid.

Regulatory red tape and delays in reform have real consequences for Australia's agricultural sector who are battling gale-force headwinds in the face of changing climates, invasive species and extreme weather events. With the right balance, synthetic biology could be a game-changer, capable of creating crops that can withstand pests and the wrath of climate change, safeguarding food supplies for a world whose hunger and population both continue to grow.

"Change is inevitable, but progress requires active reform."

Franklin D Roosevelt.

In their recent analysis, the Alliance for Science quantified the cost of the European Union's refusal to embrace the next-generation of plant breeding techniques like gene-editing, at a staggering loss of €3 trillion. Furthermore, according to the CSIRO, "synthetic biology has the potential to unlock $27 billion in annual revenue and 44,000 jobs in Australia by 2040". However, despite the significant economic, social and environmental potential for agricultural biotechnology, Australia is losing its big investors and start-up businesses to other international jurisdictions with clear regulatory pathways to market.

Australia's well-deserved reputation as an innovation hub now faces a sliding doors moment. For a future-proofed system that retains important agricultural and medical innovations onshore, law reform must know what it stands for.

Industry Stewardship

New tool to navigate pollinator protection

With varroa now here to stay, it's been a tough time for beekeepers, the broader beekeeping community and the growers of crops relying on honey bees for pollination. Which is why we've made some changes to BeeConnected.

Thanks to industry-led stewardship leading best-practice farming methods that go above and beyond regulatory requirements, Australian honey bee numbers are well positioned as the industry faces its biggest threat yet. Which is why it's essential that everyone assists in keeping it that way. BeeConnected was a world-first initiative when it was first launched in 2014 by CropLife Australia in partnership with the Australian Honey Bee Industry Council.

BeeConnected is a two-way communication tool that enables farmers, beekeepers and contractors to work together to protect managed honey bees.

Over the past 10 years, BeeConnected has had widespread uptake and has received significant positive feedback from users wanting to use it as an important decision-making tool in their day-to-day operations and spray activities.

In response to this, CropLife has made substantial updates to the app to ensure that BeeConnected remains fit for one purpose - communication. Using precise GPS capabilities, it allows farmers to map the circumference of their properties and log their spray activities. It also allows beekeepers to log the location of their beehives now and in the future.

When a beehive is logged near a farmer's property, both are sent an instant notification allowing them to chat about their activities via a secure messaging service. With collaboration comes power.

We know that Australian farmers are proactive when it comes to adoption of new tools and next-generation technologies to farm more sustainably for the environment and biodiversity. Just like weather, temperature and time of day play an important role in informed decision making for best-practice product application, spray applicators are urged to make use of this reliable tool to protect Australia's managed beehive colonies when spraying this season.

An initiative of CropLife Australia

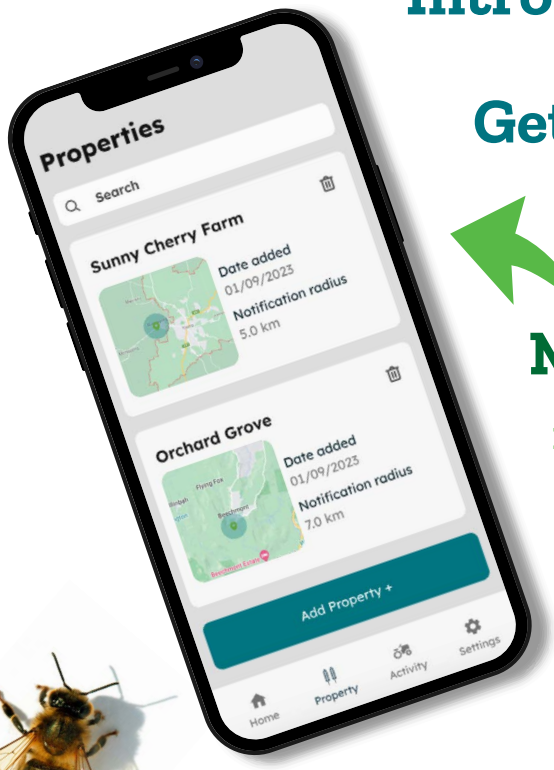
In partnership with Australian Honey Bee Industry Council

BeeConnected®

is a free application that all growers, spray applicators and beekeepers can access via their smartphone, tablets or web-browser.

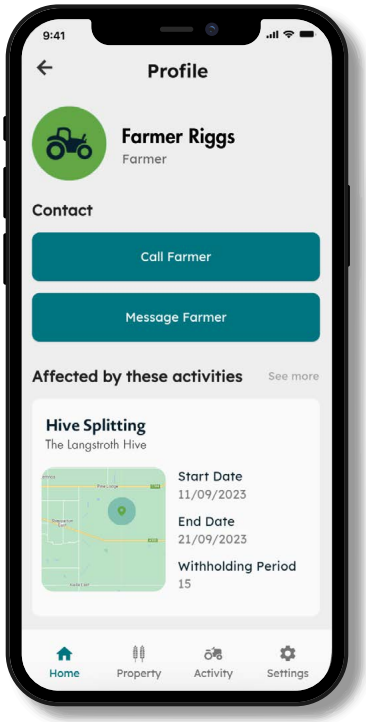
Let's get BeeConnected®

Introducing the next-generation BeeConnected app! Get connected now and help protect honey bees.



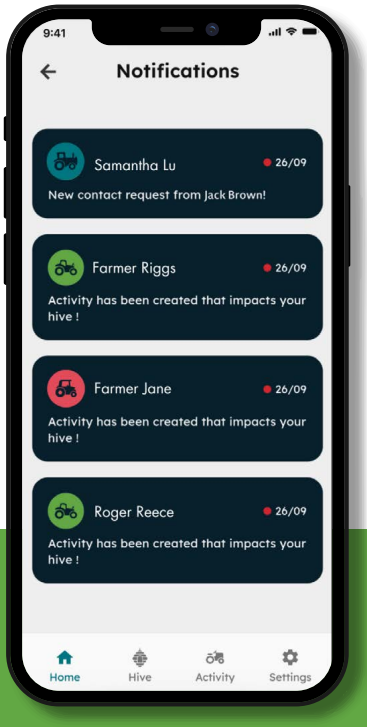
Map locations

Log your property or hive using smart GPS technology and broadcast to others in the vicinity.



Register activities

Log upcoming activities and if they happen in the same vicinity, you'll be notified.



Collaborate and coordinate

Communicate securely and privately to coordinate spray activities and hive placements for optimal pollination.

Download on the App Store or Google Play

Download on the App Store

GET IT ON Google Play

Beating the stewardship drum:

25 years of *drumMUSTER*®

Across rural and regional Australia, a remarkable initiative has been making its mark for a quarter of a century. *drumMUSTER*, an industry-led stewardship success story is celebrating 25 years of excellence. From humble beginnings to a national icon, the not-for-profit, industry-led agricultural chemical drum collection program is a shining example of how local action can transform a problem into a solution.

Established by CropLife and delivered by its wholly-owned subsidiary Agsafe, the first ***drum****MUSTER* trial collection occurred in Gunnedah, NSW in 1999. The solution was ingeniously straightforward: provide a reliable and convenient way for farmers and pesticide users to responsibly dispose of their used hard plastic chemical containers.

Community groundswell has been pivotal to ***drum****MUSTER*'s success. From the very beginning, the ***drum****MUSTER* service model has secured the backing of local councils, farmers, residents and recycling centres to establish a national network of infrastructure to prevent vast quantities of plastic from entering the environment and waterways.

Now a household name in rural and regional communities, ***drum****MUSTER* has 840 collection points across Australia. With strong support from strategic partners including the National Farmers' Federation, the program has collected over 42 million drums equating to over 50,000 tonnes of plastic diverted from landfill into recycling and is responsible for more than a third of Australian agriculture's plastic recycling efforts.

drum*MUSTER* has 840 collection points across Australia

In an era where environmental responsibility and sustainable agriculture is paramount, ***drum****MUSTER*'s legacy provides a blueprint for other agricultural stewardship programs to follow. The next 25 years promise even more remarkable achievements as ***drum****MUSTER* continues to lead the way, beating the stewardship drum.

From humble beginnings...

drum*MUSTER*
25 YEARS
2023

1998
drum*MUSTER* is officially launched

1999
first collection site established in Gunnedah, NSW

2003
Collection sites established in all mainland states and territories

2003
Services expanded to include the collection and recycling of unwanted, obsolete, and stockpiled agvet chemicals

2006
10 millionth container collected

2023
drum*MUSTER* celebrates 25 years with over 42 million containers collected and recycled

Closing the loop:

One bale at a time

Agricultural plastic waste will soon become a thing of the past. In the future, we will think only in cycles. With the right logistics and infrastructure, the intelligent reuse of waste holds enormous untapped potential. The launch of the bagMUSTER pilot program this year is another step closer to Australia's transition to a more circular economy for agricultural plastics.

The vision is simple, but the solution is complex. Plastic packaging plays an essential role in Australia's agricultural industry by protecting seed, pelletised pesticide and other agricultural inputs for their safe transport, use and storage. Currently, these types of bags largely end up in landfill, are destroyed in an environmentally unfriendly manner or remain as on-farm waste.

Thanks to significant advancements in technologies and infrastructure, there is opportunity to create a sustainable and valuable pathway for industry's product packaging. The bagMUSTER program is doing just that. The first bagMUSTER pilot trial launched in Gatton, Queensland last August was the next step in Australia's first industry-led collection and recycling pathway for plastic agricultural input bags.

The pilot tested operational logistics, collection infrastructure and industry engagement. It was also a crucial opportunity to provide test samples for processors to refine their recycling technology in order to accept bagMUSTER bags.

The program is a strategic partnership between CropLife and the Australian Seed Federation (ASF), delivered by Agsafe.

bagMUSTER is a hybrid program, modelled on the best of ***drum****MUSTER* and ChemClear. It elevates the existing infrastructure and relationships that Agsafe has developed in their 25 years of delivering these national stewardship programs.

With this delivery model, bagMUSTER has the potential to establish over 800 collection points across Australia over the coming years. This will provide farmers and growers with accessible collection points and ensure bags are recycled and repurposed responsibly. Most importantly, it gives Australian farmers peace of mind to continue doing what they do best - growing the world's best crops, feed and fibre.

Left to right: CropLife CEO, Matthew Cossey, ASF CEO, Katherine Delbridge, AgForce Grains President, Brendan Taylor, Agsafe General Manager, Dominique Doyle, AgEtal Managing Director, Ken Cunliffe.

New life for soft plastic

Soft plastic recycling has come a long way in recent years. Innovative technologies like melt processing, pyrolysis and chemical recycling can convert polypropylene plastic resins into new products like:

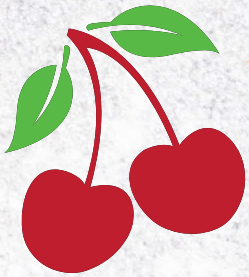
1. **Flowerpots**
2. **Car bumpers**
3. **Fuel**
4. **Buckets and homewares**

Food for thought this festive season

The roast in the oven, presents under the tree — we all have different ideas of what Christmas means.

The season is more than just presents and food on our tables, it's about shared moments and giving thanks for what we have. But in these festive foods, we find comfort, culture and the unmistakable taste of tradition. Food as it so often does, binds us through shared recipes handed down through generations, and the act of preparing and sharing a meal together.

In a world where access to fresh and safe foods is not universal, it's a time to give thanks for full bellies and Australian agriculture that give us the gift of fresh, safe and affordable produce.



Where would we be without plum pudding?

Fruits and nuts are highly susceptible to a range of fungal diseases and insect pests.

$11 billion worth of Australian fruit and nuts produced by Australian farmers annually would **not be possible** without crop protection products.*

Without crop protection products: ...wouldn't be possible

79% of Fruit

54% of Vegetables

32% of Cereals

Thanks to Australia's plant science industry and the great work of our farmers, you don't have to imagine the festive season without fresh produce.

*Deloitte Access Economics 2023 "Economic contribution of crop protection products in Australia"

CropLife Australia hosts National Forum

CropLife Australia recently hosted its annual National Members' Forum in Canberra. From environmental land management, sustainability, food security, global market access and agrifood innovation, it was a great opportunity to discuss the most important issues for Australian agriculture.

Attendees heard from the Minister for Industry and Science, the Hon. Ed Husic, Nationals Leader and Shadow Minister for Agriculture, the Hon. David Littleproud and the heads of both the Australian Pesticides and Veterinary Medicines Authority and the Office of the Gene Technology Regulator.

CropLife Australia CEO, Matthew Cossey, ANU Vice Chancellor, Professor Brian Schmidt AC, U.S. Special Envoy for Global Food Security, Dr Carey Fowler and Australian Academy of Science Chief Executive, Anna-Maria Arabia

Minister for Industry and Science, the Hon. Ed Husic

From all the discussions with the experts in their fields, one thing was clear: it is no good if safe and effective technologies are confined to the lab or approved for use in the nations of the world that compete against Australian farmers. It's crucial that policy frameworks are built to ensure the agricultural and food tech innovations developed by Australia's best minds, benefit all Australians in their everyday lives.

"Australian ag must always think differently to continue to evolve as a sector and keep pace with competition. Plant science is vital to providing that edge."

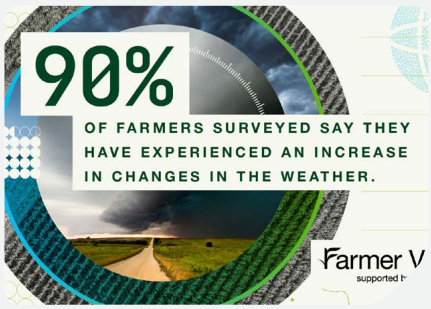
Following the Forum, CropLife hosted its annual agriculture industry reception at Parliament House where the plant science industry was joined by Members of Parliament, Senior Government Officials, and representatives from the agriculture industry and research sector. CropLife Australia was proud to host at the reception special guest Dr Cary Fowler, President Biden's Special Envoy for Global Food Security, globally respected as the "father" of the Svalbard Global Seed Vault.

Vice Chancellor of the Australian National University and Nobel Laurate, Professor Brian Schmidt AC, presented a special address about the importance of putting science at the centre of dealing with Australia's future challenges. This included the need for long-term planning and investment in Australia's agricultural industries to meet the challenge of climate change.

CropLife members' news and events

Syngenta and #PlantASeedForSafety, announced the winner of the #SafetySwagger photo competition. Prue Crawford from Victoria was nominated by her friend Elle Moyle and selected as the winner for her exceptional commitment to health, safety, and wellbeing in rural Australia. The competition aimed to capture leaders who make an impact in their communities and embody safety swagger.
syngenta.com.au

As a global agricultural innovator, diversity fuels innovative thinking, decision-making and enables Nufarm to better serve its customers.
Beth Lorsbach took part in a panel discussion along with other industry leaders on Multinational Agricultural Companies' Perspectives on Diversity, Equity, and Inclusion. The panel discussion was held during the 2023 Radicle Inclusion Challenge presented by Nutrien.
nufarm.com.au



Bayer launched the *Farmer Voice* survey bringing to light the views of farmers from across the world. While common challenges of climate change and economic pressures are faced by all, Australian farmers were more likely to raise access to finance and support in relation to financial risk as concerns. Bayer is committed to supporting farmers by developing and delivering sustainable farming technologies that assist management of on-farm risks.
bayer.com.au

Sumitomo sponsored the Gwydir Valley Cotton Awards & Young Aggies Ball in Northern NSW, with Regional Sales Manager Ardina Jackson donating original artworks for each event. A total $12,000 was raised by auction of her artworks, with funds donated to the regional health fund for North West NSW, and the Rural Scholarship Fund for tertiary agriculture students in the states North.
sumitomo-chem.com.au

Corteva Agriscience partnered with Riverine Plains for their Youth in Ag Program. The program was created to establish strong connections across the industry through learning and networking. The day included a farm visit, a seed facility tour and a mentoring workshop on a wide range of topics to develop the technical and business knowledge of participants.
corteva.com.au

The Nutrien Ag Solutions Community Grants Program, in partnership with the Foundation for Rural and Regional Renewal has awarded funding to 57 grassroots organisations in remote, rural and regional communities across Australia. For the third year, over $250,000 in funding has been awarded to projects that contribute to community wellbeing and vibrancy.
nutrienagsolutions.com.au

Helen Fewings, Managing Director and Bart Mann, General Manager of Philstic Labels attended the CropLife Members' Forum in Canberra, reinforcing a commitment to core clientele. Over 85 per cent of labels produced by Philstic are dedicated to agriculture, horticulture and animal health, aligning with industry leaders for sustainable solutions.
Philstic .com.au

In recent months, FMC has actively collaborated with channel partners to engage with over 500 growers, consultants, and agronomists, in a commitment to deliver product stewardship focused on canola. The 2023 stewardship program prioritises knowledge-sharing on primary pests, Integrated Pest Management, and insecticide resistance management.
fmccrop.com.au

During National Farm Safety Week in July, BASF Australia launched its inaugural Safety Champs program, which distributes free farm safety packs to children living on farms. Filled with safety gear and printed activities, the packs aim to help facilitate conversations between parents and children, encouraging them all to be safe on their farms.
basf.com.au

Eurofins Agroscience Services Australia has recently completed a successful reassessment for the continuation of their NATA accreditation for compliance with the OECD Principles of Good Laboratory Practice (GLP). This accreditation reinforces Eurofins commitment to the development and registration of new products for the agricultural industry in Australia.
eurofins.com.au

ADAMA Australia has reduced product volumes by a significant 10.8 million litres in the past three years. The project which commenced more than 10 years ago aims to reduce its environmental impact through the development of concentrated formulations with less use of solvents as well as a significant reduction in the volume of manufacturing, plastic, transport and handling.
adama.com/australia

Elders recently launched the renewal of their long-term partnership with the Royal Flying Doctor Service SA/NT – guaranteeing its commitment to rural and remote health and wellbeing until 2026. To celebrate the renewed partnership, Elders held an event in Jamestown SA, alongside clients and staff across both Elders and RFDS networks.
elders.com.au

A recent UPL Australia promotion in partnership with rural retailers has delivered 20 Vegepods to regional schools across Australia. The initiative was developed to better engage kids in programs that teach skills in growing vegetables from a young age. Constructive time in gardens have been shown to improve student wellbeing, concentration and resilience.
upl-ltd.com

Gowan Crop Protection is celebrating its 60th year and has expanded its portfolio and reach in agriculture markets around the world. Expanding into both developed and developing agriculture markets, including Australia, allows Gowan to tap into diverse market segments and adapt to varying agricultural practices and needs.
gowanco.com

CropLife Australia

CropLife Australia is the national peak industry organisation representing the plant science sector in Australia.

CropLife's members are the world-leading innovators, developers, manufacturers, suppliers and formulators of crop protection and crop biotechnology products. The plant science industry, worth more than $31.6 billion a year to Australian agricultural production, provides products to protect crops against pests, weeds and diseases, as well as developing crop biotechnologies key to the nation's agricultural productivity, profitability and sustainability. CropLife is a part of the plant science industry's 91 country international federation.

Representing the best of the plant science industry

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