

#SERIOUSDIRTNRAD2023
#HEALINGTHEHEARTOFTHEFOODCHAIN

GET INVOLVED!

THE NATIONAL REGENERATIVE AGRICULTURE DAY 2023
EXPOSING THE CHEMICALS IN THE FOOD-CHAIN AND PROVIDING THE ALTERNATIVES

PRESENTED BY CARBON8



NRAD

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We Welcome Discussing How We Can Make A Difference Working Together.		
Call : 1800 844 088	www.nrad.org.au	www.carbon8.org.au

Carbon
eight 



AUSTRALIA AUTHORISES

8,000

PESTICIDE PRODUCTS

TO THE UK'S 2,900

#SERIOUSDIRT #BANPESTICIDES

www.pan-uk.org/toxic-trade-australia



ABOUT NRAD

The National Regenerative Agriculture Day (NRAD) is a celebration of Regenerative Agriculture and it is our mission to heal the heart of the food-chain. NRAD is an initiative by Social Impact Organisation, Carbon8. Carbon8 supports farmers to transition to regenerative agriculture. You can find us at www.carbon8.org.au.

NRAD 2023 exposes the #SERIOUSDIRT on the chemicals used in our food-chain and shares personal stories of people directly affected by these commonly used chemicals regarded as 'normal' in industrial food production systems.



"This is a movement to heal the heart of our food chain. There is no bigger bolder achievement than to inspire the heart of our farmers across the nation to embrace regenerative agriculture and restore balance back to our soils, environments and food chains."

Charlie Arnott
Ambassador

NRAD IS INITIATING A POWERFUL ALLIANCE TO CREATE A NATIONAL FOOD STRATEGY AND PROVIDE ALTERNATIVE SOLUTIONS FOR FARMERS, POLITICIANS AND COUNCILS TO CREATE AN ENDURING BAN ON PESTICIDES.

♥ SACRED REGENERATION

Australia is an innovative country when it comes to regenerative agriculture. Many great teachers and innovations have pre-seeded this, our formal Regenerative Agriculture National Day. Innovations including Permaculture, Natural Sequence Farming, Biodynamic Agriculture, Pasture Cropping, Holistic Management, Keyline Systems and leading knowledge in Soil Carbon. It is our honour to acknowledge and thank all the work, individuals and organisations that have come before us today. May our vast and dynamic community stand UNITED and as one voice on this our formal National Day.

2019 was the peak year of the 2017-2019 drought that crippled rural Australia which inspired the birth of NRAD and Carbon8 as we searched for solutions to drought.

SOME FUN FACTS ABOUT US



HIJACKING VALENTINES DAY

Farmers, Foodies and Families hijacking Valentine's Day so we can #heartourfarmer.

In 2020 The National Regenerative Agriculture Day was formerly recognized as an official day in Parliament.



2019 150 different community organisations got involved with hosting events for NRAD

15,678 people follow us

Women 56% Men 41%

13,834 people like us

We acknowledge the Traditional Owners of the land throughout Australia and recognise their continuing connection to land, water and community. we pay our deep respects to them, their cultures and their Elders, past, present and emerging.

WWW.NRAD.ORG.AU

EVERY PERSON

Pesticides

Pesticides are used to prevent, destroy, or reduce the spread of pests. Though often misunderstood to refer only to **insecticides** (against insects), the term pesticide also applies to **herbicides** (against weeds), **bactericides** (against bacteria), **fungicides** (against fungi) and various other substances used to control pests.

<https://www.healthdirect.gov.au/pesticides>

EVERY PERSON ON THE PLANET IS AFFECTED BY A WORLDWIDE DELUGE OF MAN-MADE CHEMICALS AND POLLUTANTS - MANY OF WHICH HAVE NEVER BEEN TESTED FOR SAFETY.

The use of glyphosate and other chemical herbicides has been growing globally for over 20 years, leading to environmental damage and harm to human health. Never before has there been such a focus on the impact of chemicals on our health with headlines from the The Guardian, the appointment of Bruce Maynard as the 2022 Bob Hawke Landcare Award winner and David Pocock entering the debate on food and pesticide.

In Australia, **more than 144 agricultural chemicals banned** in the EU and the USA, are currently in use. The government continues to support a model of industrial-scale farming which is reliant on pesticides, herbicides and toxic chemicals all of which end up in the food chain. This has meant that much of the food we grow (particularly fruit and vegetables but also meat, dairy and cereals such as wheat) contains residues of multiple pesticides and the number of different chemicals being used is rising.

“IT IS NOW ESTIMATED THAT WE SPRAY MORE THAN 4.5 BILLION POUNDS OF GLYPHOSATE (THE ACTIVE INGREDIENT IN ROUNDUP) INTO THE SOILS, PLANTS, AND WATER SYSTEMS OF OUR PLANET. AND THERE ARE NOW DOZENS OF GENETICALLY MODIFIED PLANT SPECIES AROUND THE WORLD WHICH HAVE ALLOWED CHEMICAL COMPANIES TO DEVELOP A SEEMINGLY INFINITE MARKET FOR THEIR WEEDKILLERS.”

ZACH BUSH MD



#SERIOUSDIRT

AN AUSTRALIAN APPLE CAN CONTAIN

100X

the amount of fenitrothion (pesticide/insecticide) compared to a UK apple. Fenitrothion is classified as a suspected endocrine disruptor (EDC) and cholinesterase inhibitor.

IF ITS TOXIC TO BUGS ITS TOXIC TO US

#SERIOUSDIRT

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“The Australian system has no set time period for reviewing pesticides approvals, meaning that they can remain in use indefinitely once authorised. As a result, pesticides that have been shown to cause harm can continue to be used for many years. More so while countries like the UK authorised just four organophosphate pesticides, Australia authorised thirty-three.”

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DUE, IN PART, TO THE MASSIVE INCREASE IN PESTICIDE AND HERBICIDE USE IN RECENT YEARS, THE ENVIRONMENT IS AT CRISIS POINT.

These inadequately (if at all) tested poisons have contaminated much of our soil and water and devastated ecological systems.

Years of research and evidence link these poisons to many chronic illnesses including cancers, Parkinson’s, asthma, depression, leaky-gut and innumerable, preventable auto-immune and non-communicable diseases. Everyone is constantly exposed to agricultural chemicals through what we eat, spraying on farms and by local councils in urban spaces. Could it be the most celebrated healthy diet of fruit and vegetables is now the most toxic diet for consumers?

The Australian regulatory system is woefully inadequate in terms of ensuring protection from these poisons. The Australian Pesticide and Veterinary Medicines Authority (APVMA) authorises the use of products to be used in agriculture and animal production, yet this agency is not accountable for any deleterious outcomes from them.

www.nrad.org.au



HIGHLY HAZARDOUS PESTICIDES

	UK/EU	Australia	India	US
Number of approved Highly Hazardous Pesticides	73	144	91	102

AUSTRALIA'S USE IS ALMOST DOUBLE THE AMOUNT WHICH IS PERMITTED FOR USE IN THE REST OF THE WORLD.



#SERIOUSDIRT

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ORGANOPHOSPHATES

INSECTICIDES TOXIC TO INSECTS & MAMMALS

AUSTRALIA USES
33

USA USES
26

INDIA USES
16

UK USES
4

Organophosphates are a group of human-made chemicals that poison insects and mammals. They are the most widely used insecticides today. They are used in agriculture, the home, gardens and veterinary practice.

#SERIOUSDIRT

HOW COULD YOU NOT GET INVOLVED?

Carbon8 is one of few Australian charities tackling the #seriousdirt on chemicals in agriculture. Our three-year strategy exposes the extensive harms caused by these commonly-used poisons and provides effective solutions which benefit farmers, the quality of foods produced and our environment.

You are invited to amplify our impact with your donation, organise an event, or become an Impact Partner and work with us to heal the heart of our food chain.

WHEN

NRAD2023 invites you to collaborate as we expose the #SERIOUSDIRT on chemical use in Australian agriculture, and the impacts on every Australian's health and well-being.

Tuesday, 14 February 2023

Includes: Saturday 10 until Friday 16 February 2023

WHERE

Across Australia

Follow our [Instagram](#), [Facebook Page](#) and [Website](#) for up-to-date information on NRAD.

You can find a list of community events on [nrad.org.au](#)

TUESDAY, 14TH FEBRUARY 2023



As a trusted collaborator, we empower Aussie farmers to implement a regenerative agriculture journey.

SOME AWESOME FACTS ABOUT CARBON8



Carbon eight	23,321 PEOPLE SIGNED UP TO OUR SOCIALS
3,476 DONORS TO CARBON8	
682 TOTAL NUMBER OF FARMERS SIGNED UP TO CARBON8	
43,000 ACRES OF AGRICULTURE LAND BEING TRANSITIONED TO REGENERATIVE MANAGEMENT	
1,437 BOOK SENT TO FARMERS	

NRAD 2023

#EXPOSINGCHEMICALSINTHEFOODCHAINANDPROVIDINGTHEALTERNATIVES

PARTNER WITH US

Helen McCosker
Founder
e: hm@carbon8.org.au

AWARENESS

- ★ Make information available and accessible to every Australian through the launch of **You Need To Know To Say No Handbook** - an extensive list of the chemicals used in our food chain (a document that does not currently exist in Australia) and the alternatives that exist to access chemical free food.
- ★ Through Carbon8, provide a pathway supporting farmers to transition away from harmful chemicals and adopt non-chemical alternatives found in regenerative agricultural practices with case studies.
- ★ Establish the measures needed to create a massive reduction in pesticide use.
- ★ Commence a national petition to urgently request the Federal and State Ministers for Agriculture to investigate the illnesses caused by agricultural chemicals and to investigate the role and accountability of APVMA, leading to a National Food Strategy.
- ★ Through impact videos, engage agricultural influencers to share their personal stories of chemical poisoning and what brought them to Regenerative Agriculture as their solution.
- ★ Provide a dedicated website for NRAD providing information and inspiring engagement with communities across Australia.

“Grapes from Australia are allowed to contain 200 times the amount of the insecticide methomyl than their UK equivalent. Methomyl is a suspected endocrine disrupting chemical (EDC) which means that it is capable of interfering with hormone systems. It is also classified as a cholinesterase inhibitor and has the potential to impair the respiratory system.”

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OUR THREE YEAR STRATEGY

NRAD is delivering a three year awareness campaign on the unregulated use of pesticides and toxic chemicals in our food-chain which seriously impacts our health and wellbeing.

2023 AWARENESS

Create a campaign to make information available and accessible to every Australian.

1. Deliver and publish off and online **You Need To Know To Say No Handbook**.
2. Deliver a series of videos with powerful stories
3. Deliver a dedicated website
4. Create an alliance for advocacy purposes

2024 ALTERNATIVES

Deliver the first ever Australian solutions program to support new alternatives to chemicals.

1. Support the development of alternatives to chemical herbicides/pesticides for farmers.
2. Provide detailed information to governments & councils on alternatives to chemical usage in agriculture.
3. Activate the detoxing of our soils from toxic chemical herbicides and pesticides.

2025

DELIVER A NATIONAL FOOD STRATEGY

Establish a pesticide ban that endures: from farms to supermarkets, parks to playgrounds, housing estates to community gardens.

1. Develop a chemical-free management strategy for National food producers.
2. Create a three-year phase out plan for local councils and shires to co-create their own adapted weed management plan based on biological management practices.
3. **Embrace wilder cities.**

PARTNER WITH US

With your support, NRAD will be Australia's primary advocacy body to campaign against pesticides, herbicides and all toxic chemicals used in our food-chain.



COMMUNITY AMBASSADORS

Contribute to strengthening our local networks and impact. Join the alliance!

1. Become an Ambassador
2. Share the information with your communities
3. Stand with us and provide your logo or signature to the alliance



MEDIA SUPPORTERS

Provide and promote content to encourage regular and meaningful conversations.

1. Interview our impacted farmers
2. Help us spread the word online
3. Work with us to generate awareness and exposure across Australia



FUNDING PARTNERS

Provide financial support for a range of promotional programs and outcomes.

This financial support enables the production of educational tools including high-quality videos and establishing the alliance.



MAJOR PARTNERS

Official partners contribute financially and collaboratively to our long-term strategic three year campaigns.

NRAD will collaborate to confirm appropriate acknowledgements and can tailor a package to meet your needs.



IF IT'S NOT ORGANIC OR REGENERATIVE

100%

OF THE AUSTRALIAN FOOD-CHAIN IS
POISONED BY AGRICULTURAL
CHEMICALS.

THERE ARE LITTLE OR NO STUDIES EXAMINING THE
LONG-TERM IMPACT OF THESE DAILY TOXINS.



IT DOESN'T HAVE TO BE LIKE THIS

THERE ARE ALTERNATIVES

#SERIOUSDIRT



WE WELCOME DISCUSSING HOW WE CAN HAVE AN IMPACT TOGETHER.

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