



Australian Government

Australian Pesticides and
Veterinary Medicines Authority

The Role of the Chemical Regulator in Vertebrate pest control

registrations, permits, reconsiderations and
research

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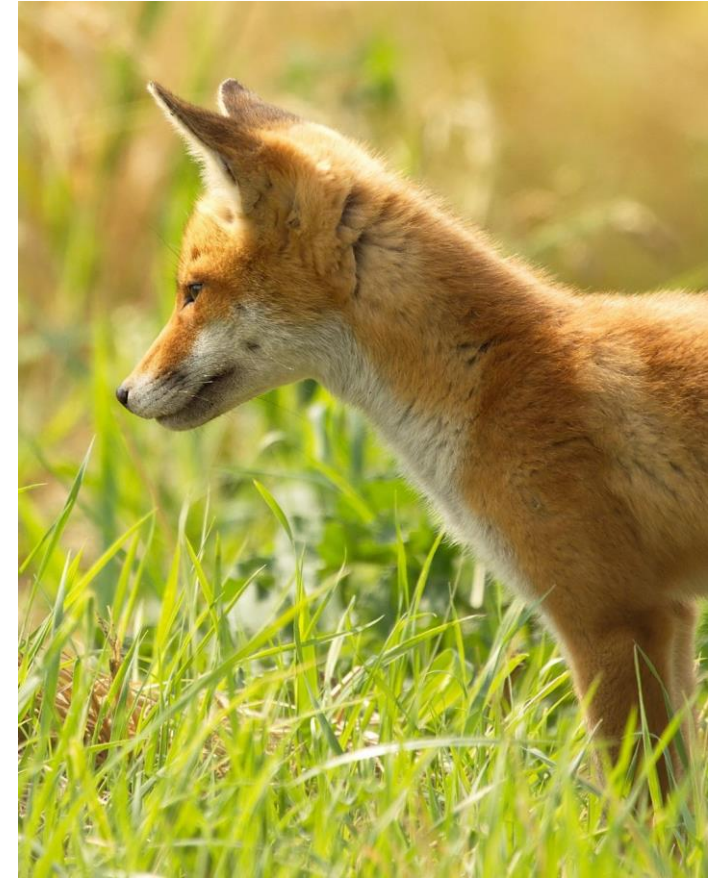
The APVMA acknowledges the Traditional Custodians of Australia and their continuing connection to land and sea, waters, environment and community. We pay our respects to the Traditional Custodians of the lands we live and work on, their culture, and their Elders past and present.

Who is the APVMA

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- A decorative graphic on the left side of the slide consisting of several yellow hexagons. Some are solid yellow, while others are outlined in yellow. They are arranged in a scattered, overlapping pattern.
- The national regulator of veterinary medicines and agricultural chemical products
 - Took responsibility from state regulators in 1993
 - Any vertebrate poison is in APVMA remit

Role of the APVMA

- Consider new product registrations
- Approve variations
- Permits
- Chemical Reconsiderations
 - 1080 reviewed in 2008 – national labels and state restrictions
 - Anti coagulate rodenticide – currently underway



What the APVMA must consider

- **Chemistry** – manufacturing and stability
- **Human safety** – handling, PPE, accidental exposure
- **Environmental safety** – take by non targets, any risk of environmental residue or contamination e.g. water bodies
- **Efficacy** – bait encounter, palatability, field stability
- **Residues/trade** – Human exposure through diet, traded commodities – maybe be relevant for pigs, deer

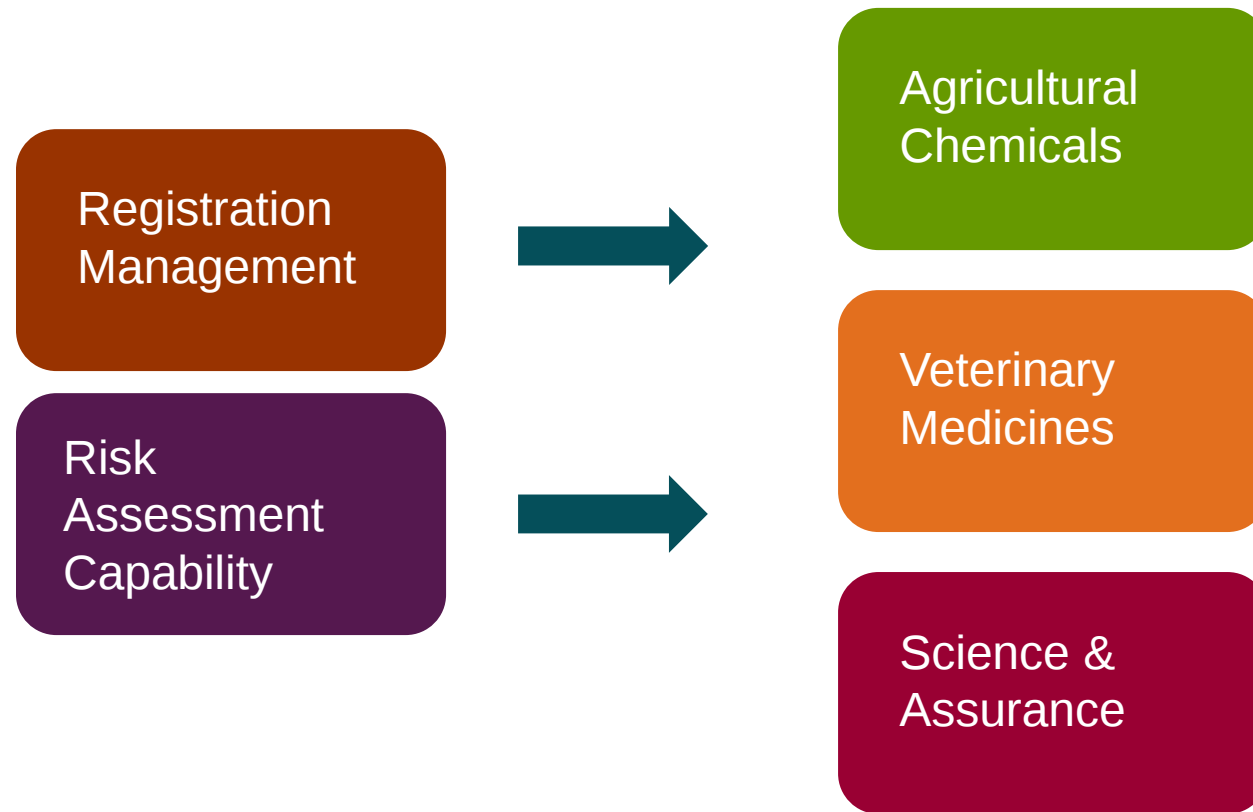


Roles in the APVMA

- **Risk Assessor** – Considers a particular risk area e.g. environmental or human safety
- **Risk Manager** – Manages an application, takes advice from the risk assessors, produces a label and makes a recommendation to the delegate.
- **Delegate** – The final decision maker.

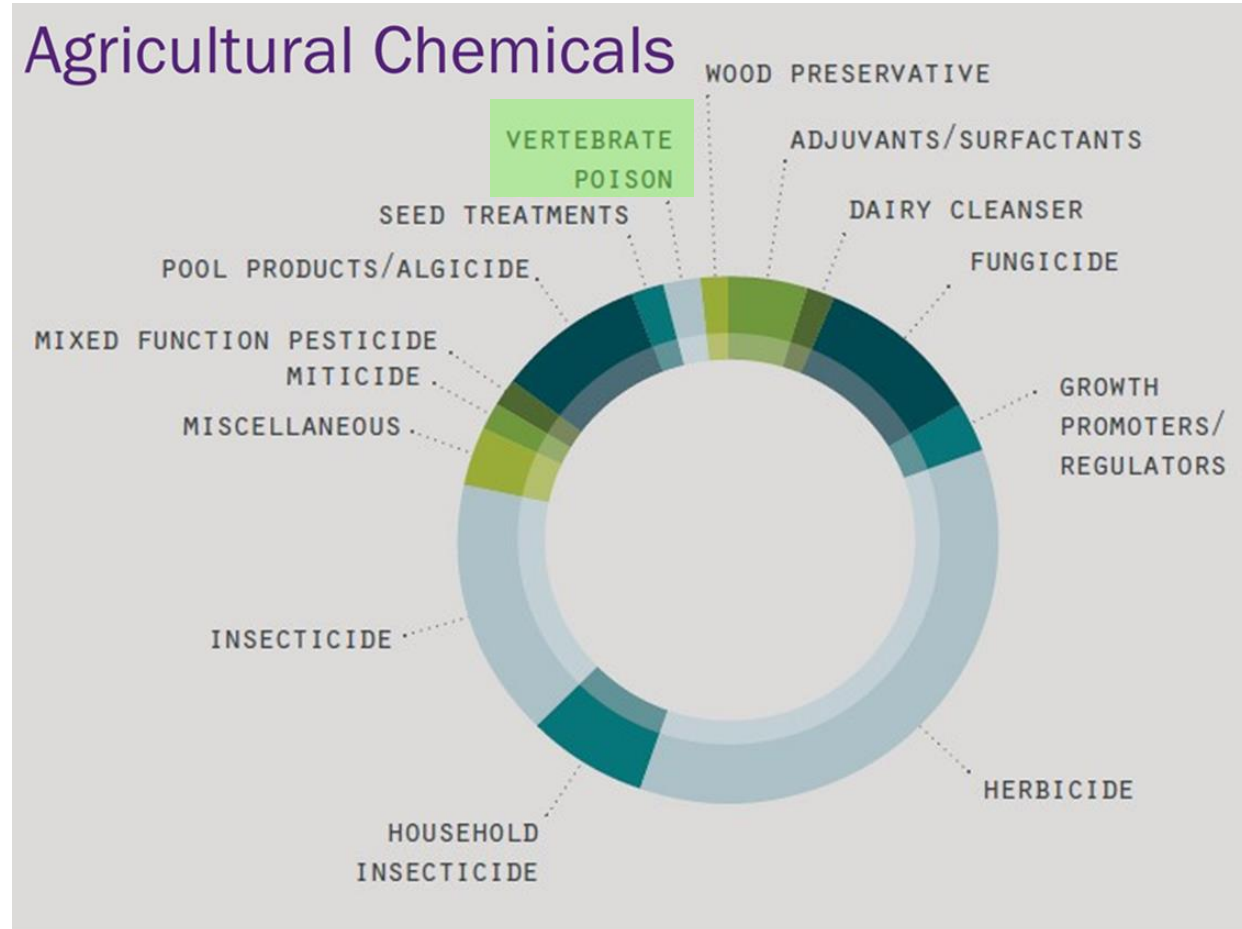


APVMA Restructure effective 1 September 2025



Some Stats

- Approx 12,800 registered products
- 5000 applications/year
- 50% new products, new actives or issue of new permits
- Vertebrate pest products are the minority



Registered vertebrate poisons / products

- 1080
- PAPP
- Sodium Nitrite
- Pindone
- Yellow Phosphorous
- Strychnine
- Various rodenticides
- Bait matrix varies depending on target species



Types of Permits

This is the most likely to have relevance for vertebrate pest control



Minor use



Emergency use



Research



Miscellaneous

Permits vs registered products

Registration	Permits
Applicant is company seeking to hold a product registration	Applicant is a user or user representative e.g. a grower group
Registered product	Registered or unregistered product
Approved active	Approved or unapproved active
Doesn't expire (as long as renewal is paid)	Limited duration (up to 5 years). All criteria reassessed at renewal.
All data requirements fulfilled	May require further data for renewal
Data specific to crop/use pattern	May rely on data from same crop group, overseas, literature, or extrapolation
Do not consider whether: use is minor, alternatives are available or if there is a genuine need	Consider if there are 'reasonable grounds' for not issuing a permit e.g. there is already a registered product for that use.

Regulatory Challenges

- Defined in the legislation as **Restricted Chemical Products**
 - PAPP
 - 1080
 - Pindone (except for ready to use)
- Can only be supplied to authorised persons
- Increased responsibility/workload is placed on to states



Regulatory Challenges

- The use of Pesticide Control Orders (PCO)
 - Some PCOs may allow reduced restrictions relative to the APVMA label
 - Is this the purpose of a PCO?



Regulatory Challenges

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- Should states consider holding a 1080 product registration for their own jurisdiction.
 - Freedom to update label without all state agreement
 - Could use existing manufacturer, just own a label
 - Or is this bureaucratic overload?

Scientific Challenges

- Difficulties in demonstrating efficacy
 - Often a low number of targets,
 - Very expensive/difficult to catch and release
- Efficacy and Safety are often in opposition
 - greater efficacy equals reduced safety



Passion Challenges

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- A decorative graphic on the left side of the slide consisting of several yellow hexagons. Some are solid yellow, while others are hollow with a yellow outline. They are arranged in a staggered, overlapping pattern.
- You are passionate about making a difference
 - Your priority is often environment not profit
 - You are experienced and hands on – not paper pushers
 - The APVMA cannot assume intent or knowledge

How you can help us

- Remember that vertebrate poisons are not the main part of our work
 - Educate us – APVMA would welcome a seminar
- Tell us the story, don't just provide the data
- We must follow our challenging legislation (even when this inconveniences us) so humour us and play along.



How we can help you

- PAA and Meetings
- Item 25 – Consider data without a product submission

Note: exempt actives – do not need an approved active source

- 1080
- Strychnine
- Pindone
- Phosphorous/Carbon disulfide





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Any questions?

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