WHAT IS 1080?

1080 (sodium fluoroacetate) is a highly toxic pesticide

WHAT IS 1080 USED FOR?

1080 is mainly used to poison 'wild dogs' on pastoral properties in the NT

(*over 90% of 'wild dogs' in the NT are genetically pure dingoes, with hybrid and feral domestic dogs occurring mainly around urban areas*)

WHERE ARE 1080 BAITS LAID?

Baits may be permitted on all 'managed land' over 40 hectares in the NT

Baits should NOT be laid within:

- 3km of a dwelling, roadside reserve, designated roadside rest stop, truck parking bay, fuel stop, tourist attraction or other public amenity area
- 20m of a permanent or flowing water course
- 5m of a boundary line that does not adjoin a major highway or public road
- 500m of a major highway
- 250m of any other public roadway

THESE RESTRICTIONS DO NOT ALWAYS APPLY

1080 can be moved far from where baits are laid by birds, other animals and poisoned animals

REMEMBER - BAITING IS COMMON IN THE NT AND BAITS CAN END UP ANYWHERE, ESPECIALLY IN REMOTE AREAS

Preparing wet 1080 baits

Aerial dropping 1080 baits

WHAT DO 1080 BAITS LOOK LIKE?

Wet baits – fresh chunks of meat

Dry baits – vary by manufacturer

Wet bait

Example dry bait

WARNING SIGNS

DO NOT RELY ON WARNING SIGNS – THEY WILL NOT BE IN ALL AREAS WHERE BAITS ARE PRESENT

Where baits are laid, warning signs should be posted on:

- All property entrances
- Adjoining roadside reserves
- Designated roadside rest stops
- Truck parking bays
- Fuel stops
- Tourist attractions
- Any other public amenity area

Warning signs are NOT required on boundary fences in the NT

Example signage

HOW CAN A 'NON-TARGET' DOG BE POISONED WITH 1080?

Dogs will be poisoned with 1080 if they:

- Accidently eat a 1080 bait
- Eat the vomit of a poisoned animal
- Eat the carcass of a poisoned animal

WHAT HAPPENS TO A DOG THAT EATS 1080?

The RSPCA considers **1080 to be an INHUMANE poison**

Very few animals have been treated successfully after eating 1080 poison

Signs of poisoning start **3 to 20 hours** after the poison is eaten

Initial symptoms include:

- Vomiting
- Uncontrollable urinating and defecating
- Hypersensitivity to sound and light
- Disorientation and shaking

These quickly develop into:

- Frenzied behavior with running and howling
- Uncontrolled paddling and seizures / fitting
- Difficulty breathing

Followed by:

- Respiratory failure
- Coma
- Death

WHAT CAN I DO TO PROTECT MY DOG?

- **USE AN APPROPRIATE MUZZLE**
- **KEEP DOGS ON A LEASH**
- **IF OFF-LEASH KEEP DOGS CLOSE AND VISIBLE AT ALL TIMES**

WHAT SHOULD I DO IF I THINK A DOG HAS EATEN A 1080 BAIT?

- **Induce vomiting**
- **Take the dog to a vet immediately**
  Phone the vet to warn them you are coming
- **There is NO ANTIDOTE to 1080 poisoning**

REPORTING

Death from 1080 can be **confirmed** through laboratory testing

Death from 1080 can be **suspected** based on:

- The dog's location in the 20 hours prior to death and
- Clinical signs and symptoms

All confirmed and suspected deaths from 1080 must be reported immediately via phone / email to:

- The NT Chemical Advisor
  Phone: (08) 8999 2344
  chemicals@nt.gov.au
- The APVMA Adverse Experience Reporting Program (AERP)
  https://apvma.gov.au/node/86336

MENTAL HEALTH SUPPORT

In an emergency where there is a risk to life or personal safety, call **000.**

24 hour mental health hotlines

- Northern Territory Mental Health Line 1800 682 288
- Lifeline 13 11 14
- Beyond Blue 1300 224 636

CAN 1080 AFFECT HUMANS?

1080 IS POISONOUS TO HUMANS

1080 can be:

- Swallowed
- Absorbed through skin and eyes
- Inhaled

IF A HUMAN IS EXPOSED TO 1080

CALL 000

FURTHER INFORMATION

NT Chemical Advisor	08 89992344
NT Poisons Information	08 8922 7341
National Poisons Information Centre	131126

REFERENCES

Controlling wild dogs and pest animals with 1080 poison, NT Dept of Industry Tourism and Trade
https://nt.gov.au/industry/agriculture/farm-management/controlling-pest-animals-wild-dogs-with-1080-poison
Directions for Use of 1080 for Wild Dog Control, NT Dept of Industry Tourism and Trade
https://nt.gov.au/__data/assets/pdf_file/0005/262751/directions-for-use-of-1080-for-wild-dog-control.pdf
Wild Dog, NT Government
https://nt.gov.au/environment/animals/feral-animals/wild-dog
Material Data Safety Sheet – 1080 Compound
https://www.4farmers.com.au/wp-content/uploads/2019/07/sds-with-logo.pdf
What is the RSPCA's view on using 1080 for pest animal control? RSPCA
https://kb.rspca.org.au/knowledge-base/what-is-the-rspcasview-on-using-1080-for-pest-animal-control/
First Aid 1080 and Your Dog, Pestsmart
https://pestsmart.org.au/wp-content/uploads/sites/3/2020/06/1st_aid_booklet-1.pdf
Mental health hotline, NT Government
https://nt.gov.au/wellbeing/mental-health/24-hour-mental-health-hotlines

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1080 POISON IN THE NT

Information for People with Dogs

Use an appropriate muzzle

Keep dogs on a leash

If off-leash keep dogs close and visible at all times