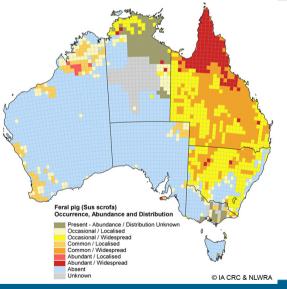


- Present since European settlement
- Initially near settlement areas
- Now spread over 45% of the mainland
- Occur in all states & territories
- Damage biodiversity & agriculture
- Already carry several infections diseases
- Potential vector of exotic diseases













- Improve humaneness and target specificity
- Subjected to pen & field tests
- Evolved considerably
- Semi-solid peanut paste
- Microencapsulated Sodium Nitrite
- Packaged in sealed plastic tray
- 1.25 or 2.5 kg of product per tray





Sodium nitrite

- A type of food preservative
- Causes fatal methemoglobinemia
- Reduces bloods ability to carry oxygen
- Symptoms short & limited (30mins)
- Breaks down in the environment
- Very low secondary poisoning risk
- Must be microencapsulated





- Semi-arid
- 40°C & zero rainfall during trial
- Pigs caught in water-point traps
- Traps became pens (~ 3 acres)
- Water, shade & some natural food
- Caught 107 feral pigs in 3 pens
- ~ 50 feral goats & ~ 10 kangaroo's
- Numerous birds & Lace monitors





Day 1 – Grain only

Day 2 – Grain & Placebo HOGGONE®

Day 3 – Placebo HOGGONE® only

Day 4 – Toxic HOGGONE® meSN®

Day 5 – Toxic HOGGONE® meSN®





- Vomit searches
- Bait-uptake
- Bait station visitation
- Carcass counts





Poison baiting with HOGGONE® Feral Pig BaitNightBait-uptakeKnockdown117 kg of 67.5 kg90 of 10722.2 kg of 15 kg1 of 17

Total knockdown 85%







- Sub tropical
- Two large farms (~ 25,000 acres)
- 40°C & some showers during trial
- Free ranging feral pigs
- Free ranging non-targets
- Pre-baited "hotspots" with grain
- Standard baiting procedure





Linear mixed models used to examine interaction of treatment and time.

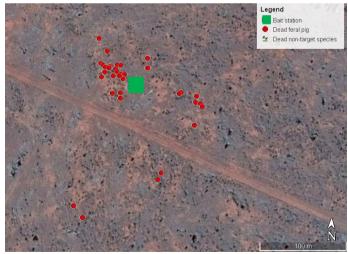
- Bait uptake
- Landscape (passive)
- Bait station (active)
- Carcass and vomit searches
- Knockdown of collared animals





- 64% decline at stations (P < 0.001)
- 66% decline in uptake (P = 0.040)
- 80% decline landscape (P < 0.001)
- 115 feral pigs found dead
- All within 200m of bait stations
- 2 of 3 collared pigs killed





- Registration package
- Chemistry and manufacture
- Toxicology
- Metabolism and kinetics
- Residue and trade
- Occupational health and safety
- Environment
- Efficacy and safety
- Submitted in August 2017
- All feedback so far positive





- 1. Bait when food & water are scarce
- 2. Work with neighbours
- 3. Put bait near fresh pig activity
- 4. Cluster pigs with grain first
- 5. Train pigs onto non-toxic factory bait
- 6. Toxic bait for two nights
- 7. Aim for maximum kill on night 1

Use more than one control option!









- For further information visit
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