

# External Parasite Control

## Sheep Scab Control

- **Plunge Dipping**
- **Moxidectin Injection (Cydectin)**
- **Doramectin Injection (Dectomax)**
- **Ivermectin Injection (Ivomec, Bimectin etc.)**

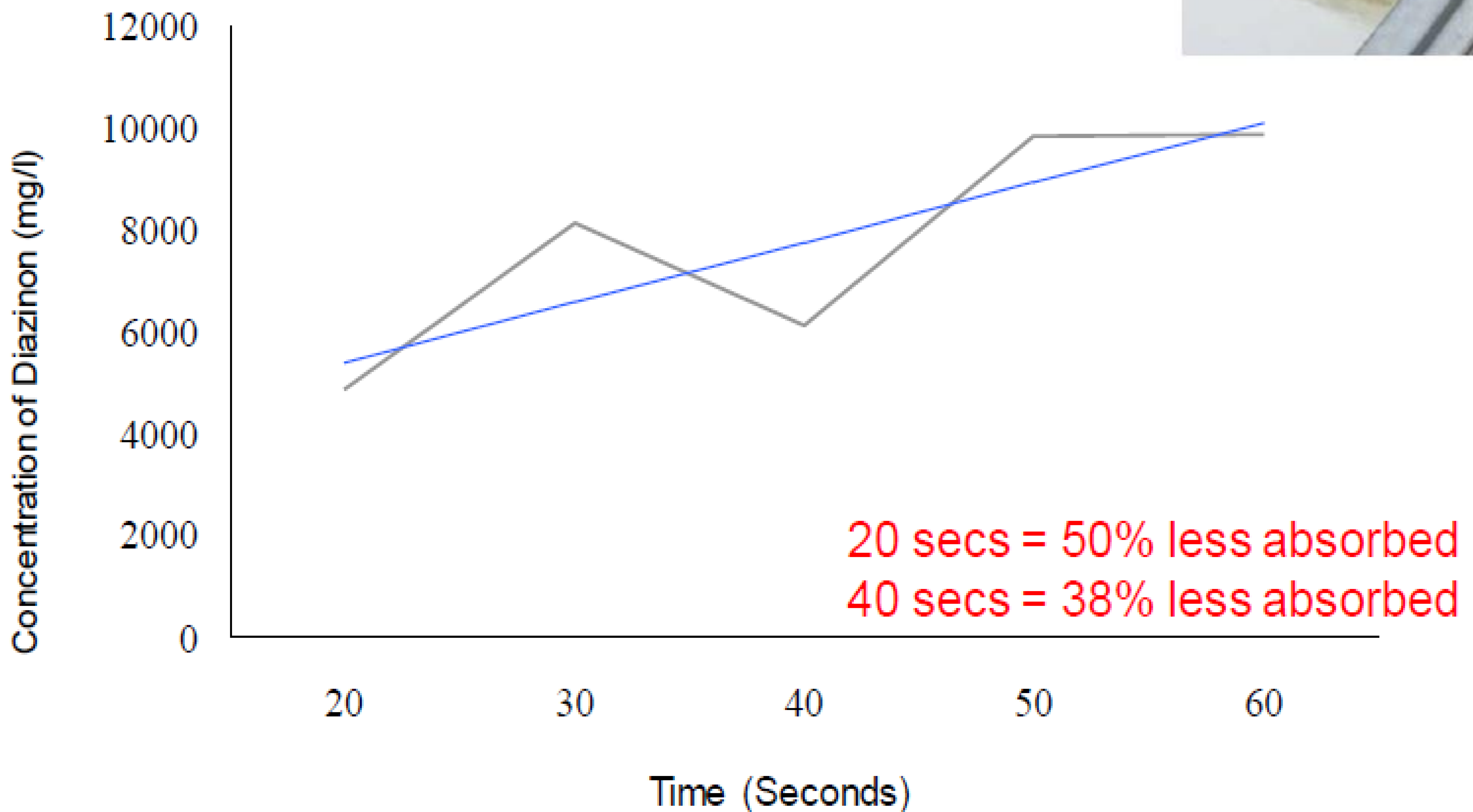
## Challenges

- **Scab resistant to injectable ML's**
- **Increased anthelmintic resistance when using injectable ML's as a flock treatment for scab**
- **Unapproved dipping methods (Showers)**
- **Dip concentration when dipping**



## Immersion Time

Dipping < 60 Seconds = 60% failure to cure scab  
(Bates, 2013)



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## External Parasite Control Products

Active Ingredient	Parasites controlled
<b>Dips</b>	
Cypermethrin High Cis	Lice, Blowfly Strike, Ticks & Keds & Scab
Dimpylate (Diazinon)	Lice, Blowfly Strike, Keds & Scab
Amitraz	Lice, Keds. Ticks & Mange Mites
<b>Pour-ons</b>	
Cypermethrin High Cis	Headfly, Lice (Biting), Ticks & Blowfly Strike
Deltamethrin	Lice, Blowfly Strike, Keds & Ticks
Cryomazine	Blowfly Strike
Dicyclanil	Blowfly Strike
<b>Spot-on / Pour-ons</b>	
Deltamethrin	Lice, Blowfly Strike, Keds & Ticks

## Key Messages – Sheep Scab

- **Routine use of ML injections may:**
  - Lead to resistant scab mites
  - Increase anthelmintic resistance to ML's
- **Shower units – no licensed product to use through them**
- **Plunge dipping to be effective needs:**
  - Correct dilution & replenishing of dip
  - Immerse sheep for at least 60 seconds
  - Dip head twice

## Blowfly Prevention – Pour-on's

- **Blowfly strike / control is a significant cost in terms of:**

1. Labour

2. reduced animal performance

3. Cost of animal remedies to treat/prevent

- **Two types of pour-on:**

1. Growth Regulators (Clik, Clikzin, Vetrazin etc.)

2. Pyrethroids (Vector, Ectofly)

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## Key Messages – fly strike

- **Apply in dry weather (i.e. dry fleece)**
- **Apply to clean wool – crutch excessively dirty sheep**
- **Treat lambs early before fly strike is anticipated (IGR's)**
- **Consider withdrawal period when selecting treatment**
- **Use correct Nozzle (different for ticks and blowfly)**