

**Elanco**



# Baycox<sup>®</sup> Iron Injection

Easy | Efficient | Evolved



## Baycox<sup>®</sup> Iron impacts 2 key performance conditions...

Both coccidiosis and iron deficiency anaemia are common challenges to piglet health, welfare and performance.

### Coccidiosis

Caused by *Cystoisospora suis*, coccidiosis is a highly infectious disease in suckling piglets, resulting in diarrhoea and reduced performance.<sup>1</sup> It is difficult to eradicate and is prevalent in approximately 76-83% of farms in Europe.<sup>2,3</sup>

Effective coccidiosis prevention can lead to an increase in body weight at weaning of 670g.<sup>4</sup>

### Iron deficiency anaemia

Piglets are born with limited iron reserves.<sup>5</sup> Their iron requirements for growth outstrip their stored iron by the time they are a week to ten days old.<sup>6</sup>

This can lead to iron deficiency anaemia, reducing well-being, performance and increasing susceptibility to infection.<sup>7</sup> The requirement for iron also increases with high growth rates,<sup>6,7</sup> and larger piglets are at a greater risk.<sup>8</sup>



## ...one ideal solution

Baycox<sup>®</sup> is a proven oral anticoccidial for the prevention of diarrhoea caused by *Cystoisospora suis* in piglets.<sup>9,10</sup> Baycox<sup>®</sup> Iron is a single injection combining Baycox's active ingredient, toltrazuril, with high-quality gleptoferron (iron) formulated to prevent coccidiosis at the same time as providing an essential iron supplement to keep young pigs growing well.

### Key benefits of 2 in 1 treatment

Combining Baycox<sup>®</sup> and iron in a single easy-to-administer injection offers significant health, welfare and management efficiency benefits.<sup>11</sup>

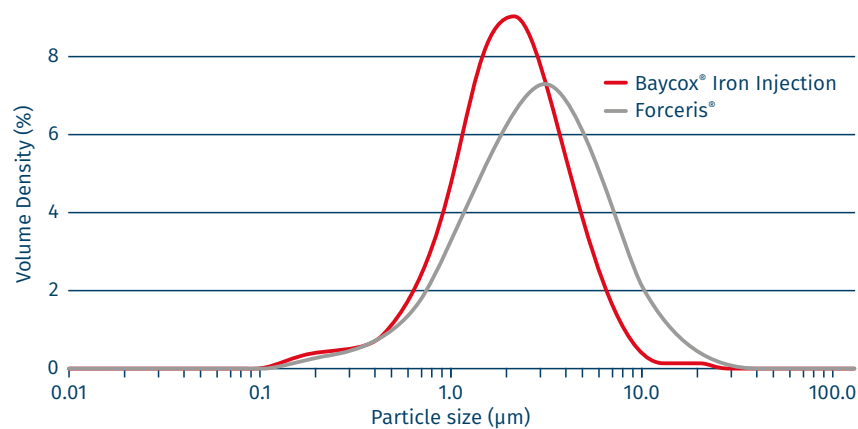
- Reduced stress to pigs from less handling
- Labour saving - up to 5 days per month for 5,000 sow operation<sup>a,12</sup>

\* Usual veterinary rebates will apply on purchased product



## Baycox<sup>®</sup> Iron's unique formulation delivers significant advantages

The advanced formulation of Baycox<sup>®</sup> Iron allows quicker suspension of active ingredients due to consistently smaller particle sizes. 90% of the particles in Baycox<sup>®</sup> Iron are smaller than 4.8 µm compared to 8.2 µm for Forceris<sup>®</sup>.<sup>13</sup>



Comparison of Baycox<sup>®</sup> Iron with a leading competitor

	Baycox <sup>®</sup> Iron	Forceris <sup>®</sup>
Anticoccidial molecule <sup>14,15</sup>	Toltrazuril 36.4 mg	Toltrazuril 30.0 mg
Iron supplement <sup>14,15</sup>	Iron: 182 mg as gleptoferron	Iron: 133.4 mg as gleptoferron
Dose volume (2kg pig) <sup>14,15</sup>	1.1 ml	1.5 ml
Doses per 100 ml <sup>14,15</sup>	90	66
Withholding period <sup>14,15</sup>	53 days	70 days

**BAYCOX<sup>®</sup> IRON  
TREATS 36%  
MORE PIGS  
PER VIAL**

**Baycox<sup>®</sup> Iron's smaller injection volume (1.1ml) compared to Forceris<sup>®</sup> (1.5ml) has several important benefits:**

- Treats 36% more pigs per vial: 90 pigs/100ml compared to 66 pigs/100ml<sup>14,15</sup>
- Dose volume is 35% smaller to aid tolerability
- Smaller dose volume is quicker to administer

Baycox<sup>®</sup> Iron contains 36.4% more gleptoferron (high quality iron) per ml than Forceris<sup>®</sup>.<sup>14,15</sup> Gleptoferron iron has a greater bioavailability optimizing iron availability for pig growth.<sup>16</sup>

Baycox<sup>®</sup> Iron has a shorter withholding period than Forceris<sup>®</sup>.<sup>14,15</sup> – 17 days less which is important for pigs slaughtered between 10 kg and 40 kg e.g. suckling pigs or culled pig exported as a “by-product”.



# Offering you greater dose flexibility

Baycox<sup>®</sup> Iron comes with a free, fully featured applicator as shown below. This means you can easily calibrate an accurate, easy to deliver dose over a range of piglet weights.

## Baycox<sup>®</sup> Iron's flexible dose rates

Piglet weight (kg)*	1.2kg	1.4kg	1.6kg	1.8kg	2.0kg
Dose volume (ml)	0.7ml	0.8ml	0.9ml	1.0ml	1.1ml
Doses per 100 ml	142	125	111	100	91

\*The product is not recommended for use in piglets weighing less than 0.9kg



## Baycox<sup>®</sup> Iron's accurate adjustable applicator



**PLEASE CONTACT YOUR ELANCO REPRESENTATIVE TO RECEIVE YOUR FREE APPLICATOR.**

# Two key performance differences... ...one ideal solution

## Safety profile

- Reassuring safety profile with no systemic intolerance and excellent local injection site tolerance<sup>14</sup>

## Efficacy

- Proven efficacy preventing clinical signs of coccidiosis (e.g. diarrhoea) and iron deficiency anaemia<sup>14</sup>
- Significantly reduces oocyst excretion and diarrhoea<sup>11</sup>
- Proven to maintain healthy haemoglobin levels<sup>14</sup>

## Performance

- Improved weight gain consistent with separate doses of Baycox<sup>®</sup> 50mg/ml (dosed orally) and iron injection<sup>14</sup>

## Piglet welfare

- Delivers 2 treatments in a single injection which reduces piglet handling and associated stress. This promotes better animal welfare

## Convenience and flexibility

- Reduces labour and complexity making piglet management easier and more efficient
- Adjustable dose volume tailored to individual farm and piglet needs

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Baycox<sup>®</sup> Iron 36 mg/ml + 182 mg/ml suspension for injection for piglets. Each ml contains: Toltrazuril 36.4 mg, Iron (III) 182 mg (as gleptoferron 484.7 mg). POM-V (UK). POM (ROI).

Advice should be sought from the Medicine Prescriber prior to use. For further information consult the product SPC or datasheet.

Use medicines responsibly ([www.noah.co.uk/responsible](http://www.noah.co.uk/responsible)) ([www.apha.ie](http://www.apha.ie)). Baycox, Elanco and the diagonal color bar are trademarks of Elanco or its affiliates. ©2021 Elanco or its affiliates.

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