

The daily dose is 20g of Chloromed per 150kg bodyweight.

= 0.133g or 133 mg of Chloromed per kg bodyweight per day.

Let us assume the average bodyweight of the pigs to be fed is 20 kg and let's assume that each of these 20kg pigs consume 1.0kg feed per day. To provide the required amount of active substance per kg medicated feed the premix has to be incorporated into the feed according to the following formula:

Daily dose of Chloromed = 133mg per kg bodyweight;

Let A = Average bodyweight of animals to be treated (kg)

Let B = Average daily feed intake (kg/animal)

Using the above information

$$\frac{133 \text{ mg} \times A \text{ (kg)}}{B \text{ (kg/animal)}} = \text{XXXX mg Chloromed per kg of feed}$$
$$= \frac{133 \text{ mg} \times 20 \text{ (kg)}}{1.0 \text{ (kg/animal)}} = 2660 \text{ (mg Chloromed/kg of feed)}$$

mg per kg is the same as grams (g) per tonne

Therefore: 19999mg Chloromed = 2.66 g ~ 2.7g because there are 1000mg in 1g

Dose per kg of feed = 2.7g per kg of feed

Dose per tonne of feed

2.7Kg per tonne of feed because there are 1000kg in one tonne of feed

Dose per tonne of feed = 2.7kg Chloromed per tonne of feed

Applying the above information to a second example:

Let us assume the average bodyweight of the pigs to be fed is 30 kg and let's assume that each of these 30kg pigs consume 1.5kg feed per day.

$$\frac{133 \text{ mg} \times 30 \text{ kg}}{1.5\text{kg}} = 2660 \text{ mg Chloromed per kg of feed}$$

2660 mg Chloromed = 2.66 g ~ 2.7g

Dose per tonne of feed

Therefore the required dose per tonne of feed for pigs with average bodyweight of 30kg each consuming 1.5kg of feed per day is :

= 2.7kg Chloromed per tonne of feed.