

**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 calves to be fed is 300 kg and let's assume that each of these 300kg calves consume 2kg 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**

$$\frac{133 \text{ mg} \times \text{A (kg)}}{\text{B (kg/animal)}} = \text{XXXX mg Chloromed per kg of feed}$$
$$= \frac{133 \text{ mg} \times 300 \text{ (kg)}}{2 \text{ (kg/animal)}} = 19999 \text{ (mg Chloromed/kg of feed)}$$

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

**Therefore:** 19999mg Chloromed = 19.999 g ~ 20g because there are 1000mg in 1g

***Dose per kg of feed*** = 20g per kg of feed

***Dose per tonne of feed***

20Kg per tonne of feed because there are 1000kg in one tonne of feed

***Dose per tonne of feed*** = 20kg Chloromed per tonne of feed

### **Applying the above information to a second example:**

Let us assume the average bodyweight of the calves to be fed is 150 kg and let's assume that each of these 150kg calves consume 1kg feed per day.

19950 mg Chloromed = 19.95 g ~ 20g

***Dose per tonne of feed***

**Therefore the required dose per tonne of feed for calves with average bodyweight of 150kg each consuming 1kg of feed per day is :**

$$\frac{133 \text{ mg} \times 150 \text{ kg}}{1 \text{ kg}} = 19950 \text{ mg Chloromed per kg of feed}$$

**= 20kg Chloromed per tonne of feed.**