

The daily dose is 100mg or 0.1g Curazole 5% per kg bodyweight.

Let us assume the average bodyweight of the pigs to be fed is 150 kg and let's assume that each of these 150kg pigs 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 Curazole = 100mg per kg bodyweight	
3 day dose =	100mg/3 days = 33.33mg
7 day dose	100mg/7 days = 14.28mg \simeq 14mg (For ease of calculations)

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

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

3 DAY DOSE

$$\frac{33.33 \text{ mg} \times A \text{ (kg)}}{B \text{ (kg/animal)}} = \text{XXXX} \text{ mg Curazole per kg of feed}$$
$$= \frac{33.3 \text{ mg} \times 150 \text{ (kg)}}{2 \text{ (kg/animal)}} = 2497.5 \text{ (mg Curazole/kg of feed)} \simeq 2500\text{mg}$$

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

Dose per tonne of feed

2500 g per tonne of feed

7 DAY DOSE

$$\frac{14 \text{ mg} \times A \text{ (kg)}}{B \text{ (kg/animal)}} = \text{XXXX} \text{ mg Curazole per kg of feed}$$
$$= \frac{14 \text{ mg} \times 150 \text{ (kg)}}{2 \text{ (kg/animal)}} = 1050 \text{ (mg Curazole/kg of feed)}$$

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

Dose per tonne of feed

1050 g per tonne of feed