

MANUFACTURED IN AUSTRALIA

# CuBet®

CuBet® is a liquid Copper Dibetaine Complex. Dry copper-amino acid complexes have been used with success in livestock and companion animal nutrition for years.

Copper Betaine Complex is an organic compound that contains the trace mineral copper chemically bonded to the amino acid betaine.

Copper is a trace mineral required by animals. The animal requires supplemental copper since typical feedstuffs are copper-deficient. Copper levels need to be adequately maintained in the animal's body. There is very little storage in the body of copper; thus the animal's diet must contain enough absorbable copper to meet daily requirements.

Betaine, or try-methyl glycine, is a component of many metabolic pathways. Chemically, it is similar to choline, one of the B vitamins, and contains methyl groups. Betaine has been used with success to replace methionine, an essential amino acid.

Chemically bonding copper and betaine in a complex results in improved absorption of these nutrients in the animal's body.

Betaine, with its readily available methyl groups, can be used to form other amino acids. In addition, betaine can partially replace methionine, an essential amino acid that cannot be synthesised in enough quantity to meet animal requirements. Prevention of cell dehydration and helping to maintain cell ionic balance (rumen bacteria and body cells), especially important during stresses caused

by environmental temperature, pH changes due to feed deprivation, transport stress, pathogen and production challenges.

CuBet® 58	
<b>Description</b>	A blue coloured aqueous solution pH 3.0, SG 1.3
<b>Composition</b>	5.8% Copper 21.0% Betaine
<b>Packaging</b>	1,000kg modules
<b>Usage Rates</b> <b>Beef cattle</b> <b>Dairy cattle</b> <b>Pigs and Poultry</b>	1.7 grams/head/day 1.9 grams/head/day 0.41kg /tonne finished feed

CuBet® 20	
<b>Description</b>	Free flowing dry form
<b>Composition</b>	2.0% Copper 7.2% Betaine
<b>Packaging</b>	20kg bags
<b>Usage Rates</b> <b>Beef cattle</b> <b>Dairy cattle</b> <b>Pigs and Poultry</b>	4.9 grams/head/day 5.5 grams/head/day 1.2kg/tonne finished feed

Compatible with most animal feeds and all processed feed ingredients. **DO NOT FEED TO SHEEP**



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