

THE MAGNESIUM GLYCINATE FOR TARGETED SUPPLY

PROVITA SUPPLEMENTS has developed a mineral complex for targeted magnesium supply in animal feed: the magnesium glycinate **MAXCHELAT/Mg**. It represents the first bulk element glycinate on the market.

CHARACTERISTICS



- ✓ High and stable bioavailability
- ✓ High magnesium content (20.5%)
- ✓ Reducing stress

Our **MAXCHELAT/Mg**, which is produced in a patented complexation process, is characterized by a particularly stable compound in the GIT. In this process, the magnesium is complexed with the smallest amino acid glycine in an eccentric vibration mill to form an organic compound with a high magnesium content (20.5%). The stable compound of the chelate protects the magnesium from complexing with anions such as phosphates or proteins in animals' GIT. The combination of the bulk element with the amino acid has a positive effect on bioavailability and thus on effectiveness.

RECOMMENDED DOSAGE

- » Pigs:
0.05-0.2 % of complete feed (DM)
- » Poultry:
0.05-0.2 % of complete feed (DM)
- » Dairy cows:
1-4 g/100 kg live weight/day (dry cows)
3-8 g/100 kg live weight/day (lactating cows)
- » Fattening bulls:
3-8 g/100 kg live weight/day
- » Horses:
20 g/animal and day (based on a live weight of 600 kg)

APPLICATION

- Supplementation in mineral and compound feed
- On top applications



FUNCTIONS OF MAGNESIUM IN THE ANIMAL ORGANISM

- One of the most important mineral components of cells and activator of 300 enzymes
- Important for tooth and skeleton structure and positive for bone elasticity
- Positive effect on stimulus transmission of muscle and nerve cells
- Increases stress tolerance of animals to environmental stimuli

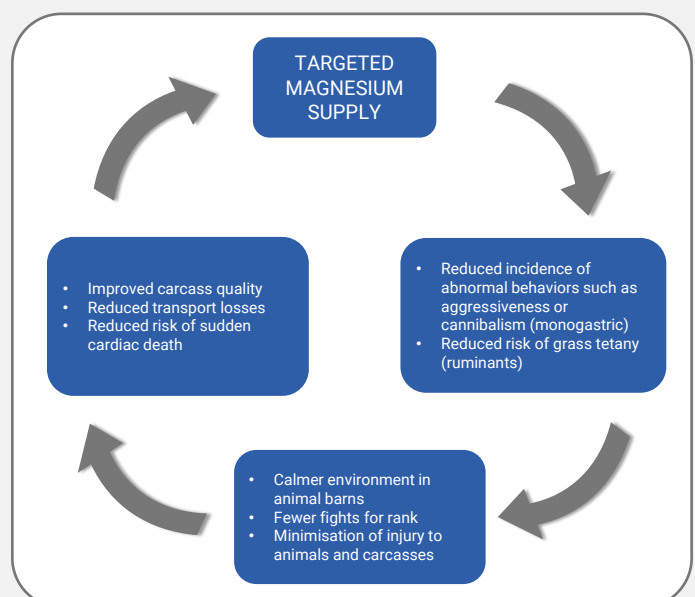


Figure 1: Mode of action of MAXCHELAT/Mg