AGROMAG® is a white, odorless powder containing no foreign impurities made of highly concentrated magnesium raw material — mineral brucite (magnesium hydroxide). AGROMAG® suggests tailor-made magnesium enriched feeding programs for swineherds in order to optimize nutrition for new conditions and objectives.

Benefits of AGROMAG®

- Ensures live weight increase;
- Reduces daily feed consumption;
- Safe and easy to handle;
- Contains vital magnesium in its natural, bioavailable form;
- Acts as rumen buffering component reducing excessive acidity;

The role of MAGNESIUM

Magnesium plays a key role maintaining acid-base balance in animal's rumen and osmotic pressure in animal's tissues. It is also very important element of neuromuscular, thermoregulation processes, of protein, lipid and mineral metabolism. Pigs need a continuous supply of magnesium primarily to facilitate numerous energy-generating reactions in their tissues and for the orderly transmission of nerve pulses.

MAGNESIUM in diets of young swine

Often, swine diets contain sufficient levels of magnesium required for normal nutrition. However, some groups, such as young animals, suckling sows or highly productive breeds need considerably higher magnesium intake to meet their nutritional requirements. Stress periods may worsen this problem; changes in diet, cold, weaning are only few in quite a number of such situations.

All benefits of magnesium in diets of young swine were revealed in many scientific research works all over the world. In Russia, the work showing beneficial influence of AGROMAG® was done by All-Russia Research Institute of Livestock.

AGROMAG® as daily diet nutrient

The animal cannot modify magnesium absorption and absorbs only a small proportion (<30% in average) of the magnesium consumed, only 10% from protein-enriched diets and 30-35% from grain-mineral fodders. Being included as mineral additive in diets of piglets, AGROMAG® accelerates their weight increase and reduces costs per 1 kg of meat. It is most effective in diets of 2-4 months piglets in quantity of 4,56-4,80 g per 1 kg of premix daily. It gives following results:

- reduction of feed intake - 7.0%;
- additional live weight increase - 6.8%;
- noticeable influence on animal’s psychophysiological condition;

AGROMAG® as vital component of nutrient premixes

Many premix producing companies in Russian Federation and CIS have approved AGROMAG® as primary magnesium component in nutrient premixes and nutrient systems.