



PRODUCT INFO  
& DATASHEET

## SICO MACRO-ELEMENTS

In the animal organisms, some minerals are present in relatively important quantities. These major minerals or macro-elements are mainly:

### **CALCIUM (Ca) and PHOSPHOROUS (P)**

They are the essential components of all tissues (bones milk, etc.) Calcium and phosphorous have to balance in the right ratio. An increase of one element can cause a deficit of the other element. Both are active in all important functions, in all energetic reactions of the organism (metabolism): for example in the contraction of the muscles and in the complex mechanisms of the reproduction. As milk and eggs are particularly rich in calcium and phosphorous, the animals in gestation, in lactation and laying, export large quantities.

#### Calcium Sources

- CALCIUM CARBONATE 36 % Ca (limestone)
- AGRIVIT (calibrated grit for poultry)
- OYSTERSHELLS Feed Phosphates (see our special leaflet)
- SICOPHOS® DEFLUORINATED FEED PHOSPHATE, min 18 % P, min 30 % Ca, max 0.18 % F
- DICALCIUM PHOSPHATE, min 20 % P, min 25 % Ca, max 0.2 % F
- MONO-CALCIUM PHOSPHATE, min 22.5 % P, min 16 % Ca, max 0.2 % F
- MONO-AMMONIUM PHOSPHATE, min 25 % P, min 10 % N
- MAGNESIUM PHOSPHATE, min 13 % P, 27.5 % Mg

### **SODIUM as sodium chloride (NaCl)**

Salt is an indispensable, vital factor. It plays a determining roll in the equilibrium of all bodily liquids, particularly in blood and lymphus.

- SODIUM BICARBONATE
- SODIUM CHLORIDE
- SODIUM SULPHATE

### **POTASSIUM (K)**

Just as sodium, this is an equilibrium factor of all bodily liquids, but with some inverse effects. Consequently, the ratio between potassium and sodium has to be maintained carefully.

- POTASSIUM CHLORIDE
- POTASSIUM SULPHATE

### **MAGNESIUM (Mg)**

Magnesium is essential in the bone-formation and in the lactation. It is also a regulator of the labour of the muscles and of the nervous system.

- MAGNESIUM CARBONATE 80 %
- MAGNESIUM HYDROXYCARBONATE
- MAGNESIUM OXIDE 54 % MG
- MAGNESIUM SULPHATE ANHYDROUS 19.8 % MG
- MAGNESIUM SULPHATE TRIHYDRATE
- MAGNESIUM SULPHATE PENTAHYDRATE
- MAGNESIUM SULPHATE HEPTAHYDRATE 9.8 % MG

### **SULPHUR (S)**

Sulphur is an important component in a lot of essential proteins, especially of the skin.

- SULPHUR POWDER