

A 100% natural fertiliser, rich in minerals and trace elements.

Vulkamin granules

Much attention is given to the primary macro-nutrients NPK; Nitrogen (N), Phosphorous (P) and Potassium (K). A one-sided approach to fertilisation whereby the importance of trace minerals disappears into the background. Forgetting that the intake of trace elements for animals and humans is vital for good health.

When feeding the soil with slurry or manure which may be supplemented with fertiliser, the soils mineral balance is not maintained. By adding Vulkamin Granules to the soil, the crop can grow better and the plant receives the necessary enzymes, vitamins and essential amino-acids.

Aside from granulate, Vulkamin is also available as a fine powder and used in animal housing on the bedding.

Advantages of Vulkamin granulate

- Activates available reserves of phosphates by adding silicic acid.
- Balances the loss of calcium and stabilises a favorable PH level.
- Increases the quantity of available sodium which contributes to an improved yield. Dissolves gradually, providing nutrients and trace elements evenly over a long period of time.
- Erosion is reduced to a minimum.
- Improves conditions for the Nitrogen-fixing bacteria in the soil.
- Using Vulkamin® is an ideal way of producing fertile soils for a long lasting effect on crop yields.



Zeolite; raw material for producing granulate



Available in:

25 kg bags
1000 kg big bag

Usage:

200-500 kg/Ha
80-200 kg/acre
Use with fertiliser spreader.

Specific Gravity:

1.1kg per litre

pH: 11



Arable farmer: "By applying trace minerals we see a significant increase in the "life" in the soil. Crop development is improved."

Application:

Vulkamin granulate can be used to replenish trace elements in the soil. Vulkamin is a sustainable product, produced by nature over millions of years. These volcanic granules contribute to the soils fertility whilst causing no environmental damage. When applied to soil the minerals are released slowly and gradually, as required by the soil. Vulkamin® is also rich in soluble silicon. This increases the resistance of the plant against drought stress and plant disease. It can also improve the absorption or utilisation of phosphorous.



	Element	Link	Weight (%)	
Minerals	Calcium	CaO	8.3	* in mg/per 1000 gr
	Potassium	K ² O	5.1	
	Magnesium	MgO	1.0	
	Phosphate	P ² O ⁵	0.2	
	Sulfur	S	0.1	
Trace elements	Iron	Fe ² O ³	4.1	
	Titan	TiO ²	0.4	
	Manganese	MnO	0.2	
	Silicon	SiO ²	48.2	
	Sodium	Na ² O	5.9	
	Zinc	Zn	760*	
	Copper	Cu	11.5*	
	Molybdenum	Mo	9.0*	
	Cobalt	Co	6.5*	
Boron	B	0.1*		
				Others: Aluminum oxide, Al₂O₃: 18.1% Crystal water, H₂O: 6.7% Carbon dioxide, CO₂: 0.4%

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