



Vitalphos

Sustainable phosphate from the Netherlands

With its low carbon footprint due to use of recycled plant-based phosphate, Vitalphos gives a quick reaction in the plant and provides a long-lasting phosphate supply. The formation of a network of root hairs is stimulated so effectively that the plant's nutrient uptake is greatly enhanced.

The situation

Start of cultivation

Before planting or sowing, the soil needs to be prepared. The right nutrients must be provided to allow the young plants to emerge with vitality.



The challenge

Active root development

During early plant development, rooting and nutrient uptake are very important. Micronutrients are only taken up by root hairs and are of vital importance for strong, healthy plants. For rapid development of structured plants, the main challenge is to offer the right nutrients to the plant in the right proportion and at the right time.



The solution

Long-lasting phosphate

Vitalphos ensures rapid formation of a dense network of root hairs. It stimulates rooting so effectively that the plant's capacity to take up nutrients is greatly enhanced. The active and deep rooting improves the use of the soil deposit of nutrients. Vitalphos intensifies crop colouring and gives a quick reaction in the crop through a long-lasting phosphate. As a recycled plant-based phosphate, Vitalphos is the optimal choice for seed bed preparation of vegetables, flowers and ornamental plants. Vitalphos is available in wide pH range.



Strong points

- Enhances nutrient uptake
- Fast emergence
- Contains 100% recycled phosphate of Dutch origin





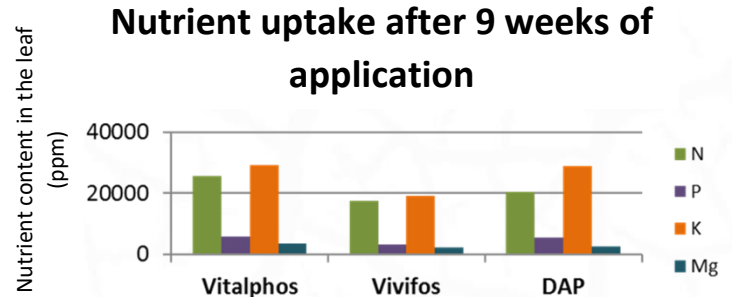
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The test

Balanced nutrient uptake

Marathon's unique patented organic buffer complex ensures balanced nutrients through a well-developed root hair network. A sufficient balance of all vital elements are taken up.



Characteristics

Compound NP fertiliser, contains Mg

Nitrogen total (N ₂):	4.0%
Phosphorus pentoxide (P ₂ O ₅):	20.0%
Potassium oxide (K ₂ O):	1.0%
Magnesium oxide (MgO):	11.0%

Material properties:

Aspect	grey – brown granulated
Grading	Ø 2 – 4.5 mm, 90%

How to use

General application rate:

Basic and top dressing: 300 – 400 kg/ha. The general recommendations should be adjusted in accordance with local circumstances.

Advised period of use:

For seed/plant bed preparation and base fertilisation.



Packaging

- Sacs of 25 kg on a 1,000 kg pallet
- Bigbag of 500 kg on a 1,000 kg pallet
- Bigbag of 1000 kg on a 1,000 kg pallet



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Above general recommendations should be adjusted in accordance with local circumstances, such as climate, application method and crop needs. Please consult your local agronomist for the appropriate application rate. The user should check the suitability of this product for his own particular use.