

NUTRIBALANCE PK5/P15

PHEOFLORE



PLANT NUTRITION
ORGANIC HIGH EFFICIENCY

ORGANIC HIGH EFFICIENCY GRANULAR

TIMAC AGRO TECHNOLOGY

Our patented formulas are derived from nearly 60 years of research and development in plant extract technology. Through precise methods, our extracts are evaluated for their specific effects at each stage of crop development. By enriching selected extracts with macro- and micronutrients, we create bionutritional formulas that meet the ever-changing needs of the crop. Better yield and quality benefit our customers and are the result of improved emergence, vegetative growth, and reproductive performance.

As a company, our mission is to improve agriculture by focusing on four major areas of service to growers:

- Relentless innovation
- Flexible manufacturing
- Optimized applications
- Partners in the field

FEATURES

Nutribalance PK-5 and P-15 are organic high efficiency granular fertilizers proven to increase microbial activity, provide labile calcium, and improve breakdown of compost, manure and (or) stubble into plant available nutrients. As a homogeneous granule, it supplies several key nutrients, such as, phosphorous, potassium, calcium and sulfur. The patented Pheoflore algae extract stimulates soil microbes and increases soil health. Nutribalance PK-5 and P-15 work well on manured or composted fields, orchards, vineyards, vegetables, and fruits. It can be used alone or blended with other granular fertilizers.

KEY BENEFITS

- Calcimer provides labile calcium that helps improve soil structure and feeds the crop
- Delivers key available nutrients
- The patented Pheoflore Complex stimulates soil microbes and increases soil health to improve nutrient availability



APPLICATION

Broad acre application will often call for 100 to 200 lbs/acre. Tree fruit and vegetable production will normally require 200 to 400 lbs/acre to more intensively increase soluble nutrients. Nutribalance can be blended with fertilizers or applied alone. Please refer to soil tests and the advice of your Timac Agro sales representative for specific recommendations.

PACKAGING SIZE

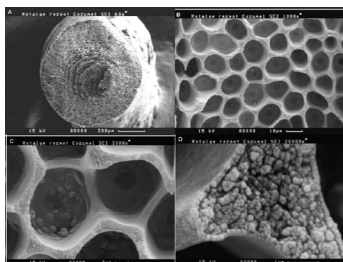
- 50 lb bag
- 1,333 lb super sack

→ PHEOFLORE

ORGANIC HIGH EFFICIENCY GRANULAR

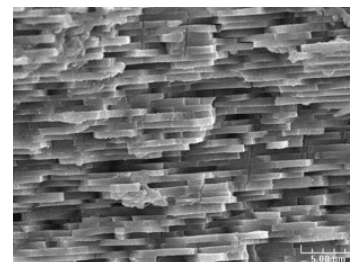
Physioflores are manufactured using our exclusive marine-based mineral called **CALCIMER**. This highly-soluble material provides quicker release of calcium compared to limestone. This is due to its unique microscopic structure.

Improved Calcium Availability



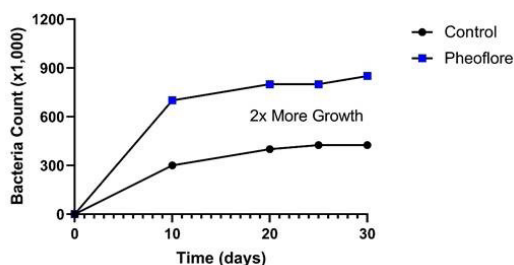
CALCIMER

VS.

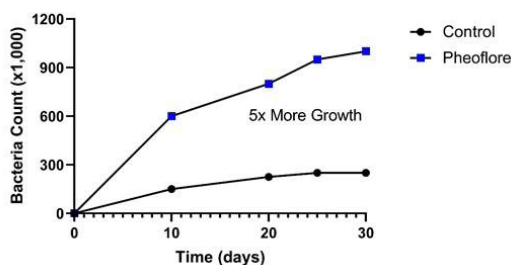


Traditional Lime

Pheoflore Effects on Proteolytic Bacteria Growth



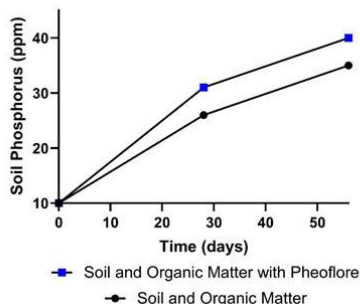
Pheoflore Effects on Cellulolytic Bacteria Growth



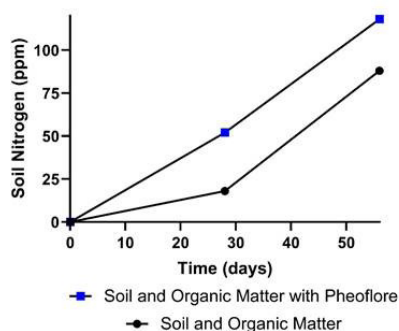
Pheoflore improves the activity of cellulolytic and proteolytic bacteria, microorganisms responsible for the degradation of raw and broken down organic matter.

Source: Biotech Marine, 2003.

Pheoflore Effects on Soil Phosphorus Availability



Pheoflore Effects on Soil Nitrogen Availability



Physioflores improve soil microorganism activity leading to a higher release of N and P.

Source: CMI, 2010.

ANALYSIS

PK-5

Total Nitrogen (N).....0%
 Total available Phosphate (P₂O₅).....2%
 Soluble Potash (K₂O).....30%
 Sulfate Sulfur (S).....10.8%
 Calcium (Ca).....8.8%

P-15

Total available Phosphate (P₂O₅).....6%
 Calcium (Ca).....27.8%

Plant nutrients derived from Calcified Seaweed, Finely Ground Soft Rock Phosphate, Magnesium Sulfate.

Non Plant Food Ingredients: Seaweed Extract1%.