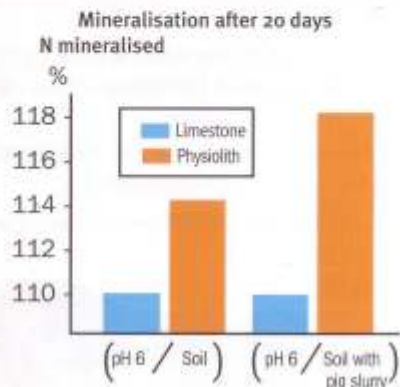


PHYSIOLITH

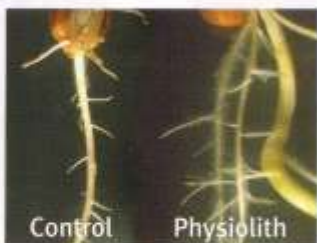
PHYSIOLITH IMPROVES YOUR SLURRY



PHYSIOLITH and its high reactivity provides:

- increased soil life activity
- increased mineralisation and storage of nutrients on the clay humus complex
- a better availability of the fertilisers for the plants.

PHYSIOLITH IMPROVES THE ROOTS DEVELOPMENT!



PHYSIOLITH and its physiological effect gives you:

- increased root growth
- That means:
- a better resistance against sod pull
 - increase nutrient uptake
 - a longer life for your grass
 - a better quality grass.

PHYSIOLITH, FOR THE SOIL AND THE PLANT



PHYSIOLITH helps your slurry:

- corrects the acidifying effect
- supplies the missing elements (Ca, Mg, trace elements)

PHYSIOLITH helps your soil:

- improves the soil structure and the storing capacity
- increases the soil life activity and the fertiliser release

PHYSIOLITH helps your grass:

- increases the root growth
- increases the nutrient uptake.



- fast acting
- easy spreadable
- natural source
- environmentally friendly
- cost effective

Composition

A unique natural composition of readily available marine calcium (25.7% Ca, 36% CaO, 63% CaCO₃), magnesium and trace elements (inc. Mn, Cu, I, Co, B etc) in granulated form.

Taylor Farm Supplies
LISBURN
Tel: 07860 681142



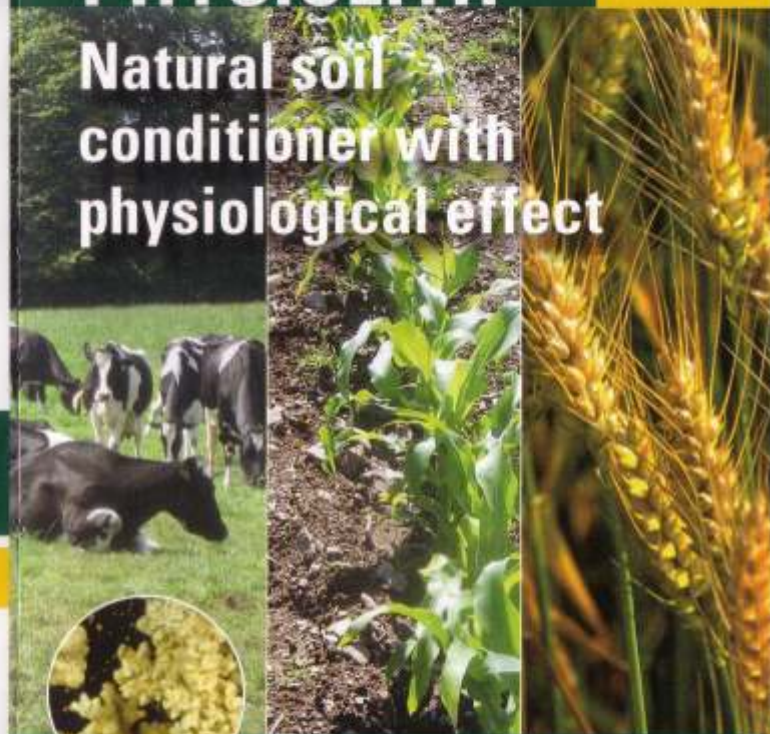
Republic of Ireland
4&5 Priory Court, The Quay,
New Ross, Co. Wexford
Tel: 051 448760

www.ie.timacagro.com

Northern Ireland
79 Chichester Street,
Belfast BT8 6HA
Freephone: 0800 3891299

PHYSIOLITH

Natural soil conditioner with physiological effect



Use the benefits of nature for improving your productivity by respecting the environment!



PHYSIOLITH



THE EUROPEAN AGRICULTURAL POLICY

The EU would like to:

- produce cheaper milk, and cheaper beef
- protect the environment against farm pollution

It is necessary:

- to produce food cheaper by using own farm products
- reduce and optimize the fertilisation

SLURRY : THE CHEAPEST NPK FERTILISER AVAILABLE ON YOUR FARM!!

Slurry,

- a complete home made NPK fertiliser
- a high fertilising potential!

	Typical available nutrients in cattle slurry				
	N	P	K	Ca	Mg
Units / 1000 gallons	8-10	3-6	19-21	low	low

USE PHYSIOLITH AS A SLURRY PARTNER



Slurry can be detrimental to good soil health and activity. Physiolith can remove slimy 'slurry tops' on ground. Physiolith can ensure more N, P and K is utilised from the slurry.

CONSEQUENCES ON SOIL FERTILITY



1. REDUCED SOIL LIFE ACTIVITY

On grassland, no structure and pressure due to animals, increase the soil compaction

Poor circulation of water and air in the soil which:

- limits the activity of earthworms and destroys the soil structure

- reduces the root growth of grass

Acidity and compaction reduce microorganisms activity, which reduces the OM release in fertiliser Units

2. BAD NUTRIENT AVAILABILITY

pH	4,5	5	5,5	6	7
N	30	43	77	89	100
P	23	34	48	52	100
K	33	52	77	100	100

Acidity and bad soil structure can not store the nutrients on the Clay Humus complex:

- Risk of leaching is very high
- Nutrients will not be available for feeding the crop

Without correcting the pH and improving the soil structure,

- soil fertility will be poor
- slurry efficiency will not be as high
- plant uptake will not be as high

THE UNIQUE COMPOSITION OF PHYSIOLITH

What is Physiolith ?

A natural product patent (European Licence 9707222)

- based on calcified seaweed (lithothamnium calcareum)
- Quick reactivity on pH correction
- Rich in free calcium for improving the soil structure
- Rich in magnesium and trace-elements
- a product rich in amino-purine from seaweed extract
- Improved root growth
- Improved nutrient uptake



PHYSIOLITH IMPROVES YOUR SOIL!



Microscopic view of lime



Microscopic view of Physiolith

A VERY COMPACT STRUCTURE

A HIGH POROSITY

Physiolith is a high CaCO_3 but is different from limestone. The maerl form of Ca in Physiolith is softer and more porous than limestone

Physiolith, a porous structure, which is very fine giving you:

- a high reactivity on your surface pH
- a high reactivity on the clay flocculation and against compaction