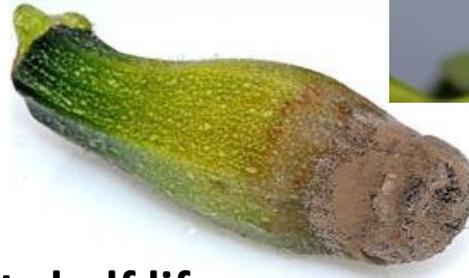


CALCIUM DEFICIENCY

Deficiency symptoms :

- Shoot Tip Necrosis
- Tip burn of leaves
- Blossom-end rot
- Empty pod in legumes
- Cracking of fruits
- Premature fruit fall
- Poor drought tolerance
- Low crop vigor and short shelf life



PHOLIGO™
Soil conditioner

The natural
solution for
soil and
plant health



- Easy spread non-toxic granules
- For garden and lawn application
- Calcium, amino acids and proteins
- 100% micro ground oyster shells
- Improves soil crumb structure
- Neutralises poor soil acidity
- Totally child and pet safe

HYACARE®

Calcium is essential for plant cell strength, the regulation of proteins and resistance to diseases



Amount of calcium removed in each metric tonne of harvested produce



Crop	Ca	CaO	Crop	Ca	CaO
Apples & Pears	0.3 kg	0.4 kg	Kale	1.0 kg	1.4 kg
Asparagus	0.3 kg	0.4 kg	Leeks	0.4 kg	0.6 kg
Bell & Chili peppers	2.1 kg	2.9 kg	Lettuce	0.4 kg	0.6 kg
Beetroot	0.2 kg	0.3 kg	Okra	1.3 kg	1.8 kg
Broccoli	0.4 kg	0.6 kg	Onions	0.7 kg	1.0 kg
Brussel sprouts	0.7 kg	1.0 kg	Parsnip	0.6 kg	0.8 kg
Butternut squash	0.8 kg	1.1 kg	Peaches & Plumbs	0.2 kg	0.3 kg
Cabbage	0.3 kg	0.4 kg	Peas	4.5 kg	6.3 kg
Carrots	0.3 kg	0.4 kg	Potatoes	0.5 kg	0.7 kg
Cauliflowers	0.2 kg	0.3 kg	Pumpkins	0.4 kg	0.6 kg
Celeriac & Celery	0.5 kg	0.7 kg	Spinach	1.1 kg	1.5 kg
Chard	1.1 kg	1.5 kg	Strawberries	0.2 kg	0.3 kg
Fennel	0.4 kg	0.6 kg	Sugar snap	1.9 kg	2.7 kg
French beans	1.2 kg	1.7 kg	Sweetcorn	2.0 kg	2.8 kg
Garlic	0.7 kg	1.0 kg	Tomatoes	0.3 kg	0.4 kg
Grasses (lawn)	0.5 kg	0.7 kg	Turnips & Radishes	2.4 kg	3.4 kg

PHOLIGO also contain amino acids and micro nutrients which are essential for calcium assimilation by plants

PHOLIGO granules applied as a starter fertiliser at planting or surface applied will help to maintain optimum calcium levels for healthy growth throughout the season, to maintain the plant's immune system, it's ability to survive periods of drought, and to improve the period of shelf life of fruit and vegetables after harvest.

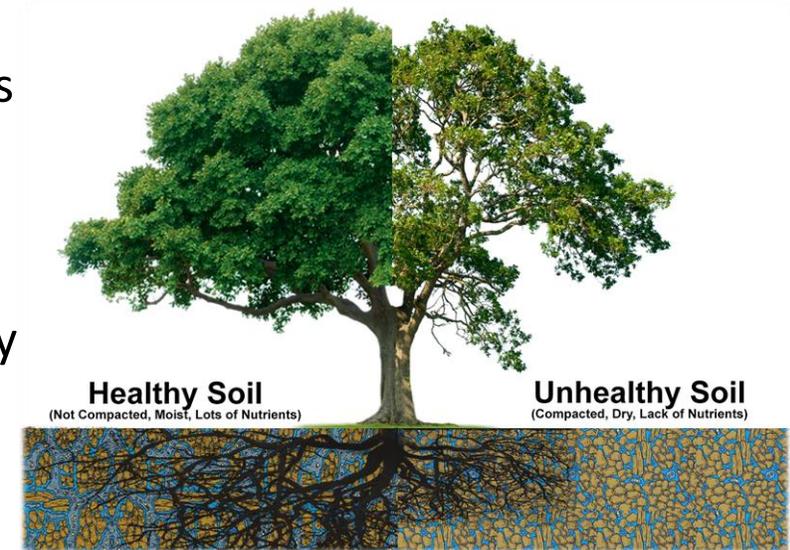


PHOLIGO improves the physical texture of soils and to enhance structure and improve moisture retention

The honeycomb micro-pore structure can improve the balance of the soil structure, nutrient, moisture and oxygen levels, to optimise the development of indigenous beneficial microbes that provide a synergistic support for healthy soils and strong root and stem development for plants.

PHOLIGO granules contain two types of calcium, organic amino acids and essential macro and micro elements to create optimal growing conditions for higher crop quality and yield. Two types of calcium are essential for plant cell strength, the regulation of proteins and disease resistance.

Most of our soils become deficient in calcium through crop offtake and by acidification from crop inputs and rain. It is important to replenish soil calcium reserves to maintain plant health and quality, soil permeability, drought tolerance and the proliferation of beneficial micro-flora life

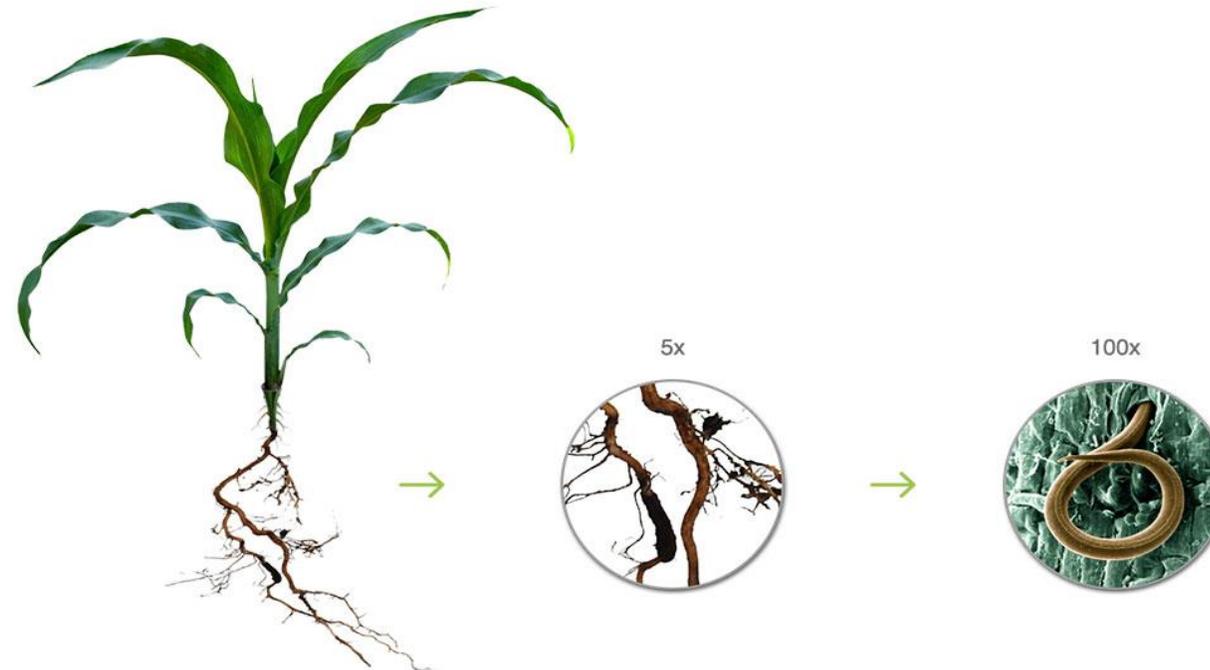


£100 BILLION GLOBAL NEMATODE PROBLEM



Consumers are demanding reductions in the use of pesticides, and regulatory authorities are significantly restricting the use of chemicals in response to public demand. Changes to historic practices combined with restrictive application rates has resulted in resistant nematode populations.

This is leading to reduced efficacy of permitted products, while increased public demand for safe organic produce has created a need for alternative organic certified solutions



Reports have estimated that the impact of soil borne nematodes on global crop production has exceeded a staggering £100 billion of lost crops per year. A recent survey suggests that global crop losses, as a result of nematodes are at least 12% of total potential yield.



Banana

20% Average Yield Loss



Potato

12% Average Yield Loss



Rice

10% Average Yield Loss



Corn

10% Average Yield Loss



Peanuts

12% Average Yield Loss



Cotton

11% Average Yield Loss



Soy Beans

11% Average Yield Loss



Vegetables

20% Average Yield Loss



Beets

11% Average Yield Loss



Grapes

13% Average Yield Loss



Pineapple

15% Average Yield Loss



Coffee Beans

15% Average Yield Loss



Source: Transparency Market Research. TMR February 2018



PHOLIGO contains natural chitin which induces the production of chitinase in plants.

PHOLIGO granules are formed from 100% micro-ground oyster shells, which contain a natural protein called chitin. Chitin can induce the production of chitinase in plants.

It promotes the proliferation of Trichoderma fungi, that feed on nematodes. When chitin is consumed by soil microbes called “Actinomycetes” that naturally consume organic matter, their exudates create a natural toxicity that can also reduce nematodes activity.

PHOLIGO child & pet safe bio-agronomy granules

For more information on PHOLIGO and our exclusive range of sustainable plant & soil solutions contact info@dyacare.co.uk

PHOLIGO™
Soil conditioner



DYACARE®