

PHORCE

POWERED BY NUTRIPHITE

For maximum yield and quality

Increase nutrient uptake • Maximise root development

Phorce is a unique, patented nutrient complex for maximising nutrient management and enhancing root development.

It increases nutrient uptake, synthesis and utilisation leading to improved establishment, growth, yield and quality.



LARGER ROOT MASS

Larger root mass increases the surface area to volume ratio allowing a greater contact with the soil water, increasing uptake of nutrients.

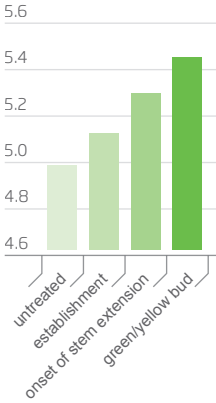


BOOSTS ROOT EXUDATE

Phorce increases the production of root exudate secreted by the root, this is the acid which breaks down nutrition so it can be taken up by the plant.

Application benefits

Yield Results



YIELD

UNTREATED 3.22 t/ha

TREATED 3.72 t/ha

Establishment.

Build a strong healthy stand before the winter.

Apply 0.75 litres/ha from two true leaves onwards to boost establishment.

OILSEED RAPE

0

GS10

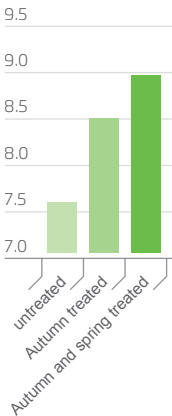
GS12

GS14

GS30

GS31

Yield Results



YIELD

UNTREATED 10.03 t/ha

TREATED 10.30 t/ha

Establishment

Lay a strong foundation.

Apply 0.5 litres/ha after two leaf stage.

YIELD

UNTREATED 10.45 t/ha

TREATED 10.69 t/ha

Spring Boost

Increased nutrient uptake.

Apply 0.5l/ha in tank mix with your first plant growth regulator, to boost activity.

CEREALS

0

GS10

GS21

GS26

GS30

GS31

YIELD

UNTREATED **3.8** t/ha

TREATED **4.6** t/ha

Onset Stem Extension

Increased nourishment and growth.

Apply 0.75 litres/ha at the onset of stem extension.



GS50

Green/Yellow Bud

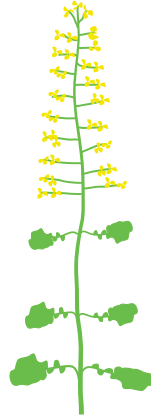
Boost flowering.

Apply 0.75 litres/ha at the green bud stage to boost the reproductive stage and optimise yield.

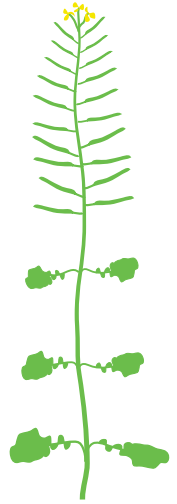


GS55

GS60



GS65



GS75

YIELD

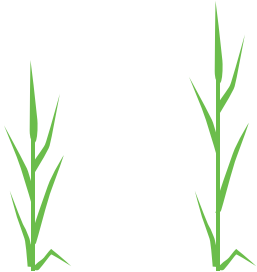
UNTREATED **8.8** t/ha

TREATED **9.34** t/ha

Flowering Onwards

Enhance grain fill.

Apply 0.5l/ha with your T3 fungicide application to deliver maximum energy for a final push towards grain fill.



GS32

GS37



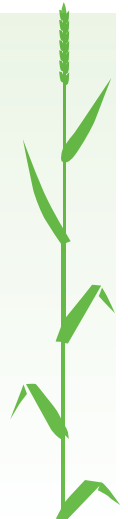
GS39



GS45



GS55



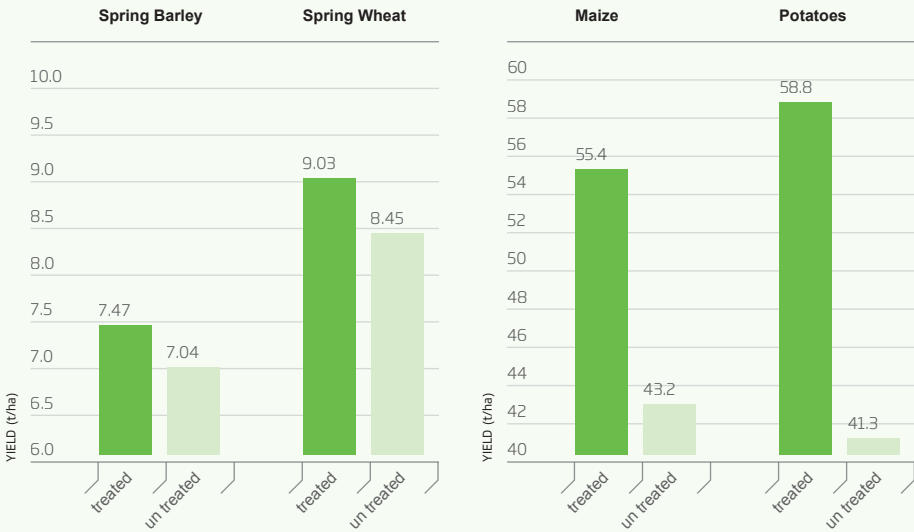
GS59

Phorce increases nutrient uptake within all plants, not only increasing root mass but increasing root exudate.

This is the acid which releases nutrition from the soil to the plant, in an available form, giving greater access to the plant for growth and yield.

Autumn sown crops benefit from a programme of Phorce as well as Spring Crops.

Once Spring Crops have broken dormancy any temporary halt in growth will result in a yield detriment. Phorce allows the plant to continue feeding at an optimum level in the presence of water and warm temperatures.



For Further Information

Tel 01730 720100

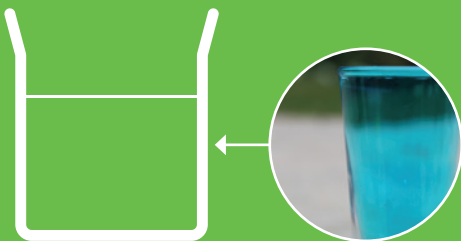
Email admin@vlsci.com

Verdesian Life Sciences is a plant health and nutrition company that helps farmers maximise their investment. Our patented biological, nutritional, seed treatment, and inoculant technologies provide innovative ways to maximise yields and stay ahead of the growing demand for crop production.



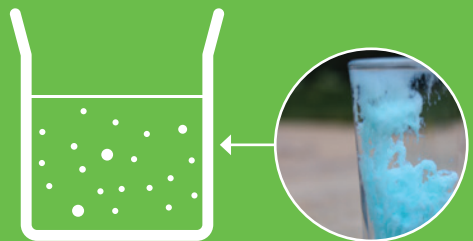
Phorce contains a patented stabiliser which guarantees the phosphite never oxidises in your tank.

STABILISED PHOSPHITE



STABILISED PHOSPHITE

Stabilised phosphite does not oxidise in the tank, which means that 100% of the phosphite reaches the plant for utilisation.



UNSTABLE PHOSPHITE

Unstable phosphite reacts with oxygen and turns into phosphate which is very slow to enter the crop and slower to stimulate.