



Steric P



NUTRIENT USE EFFICIENCY

Stimulation at the start of life

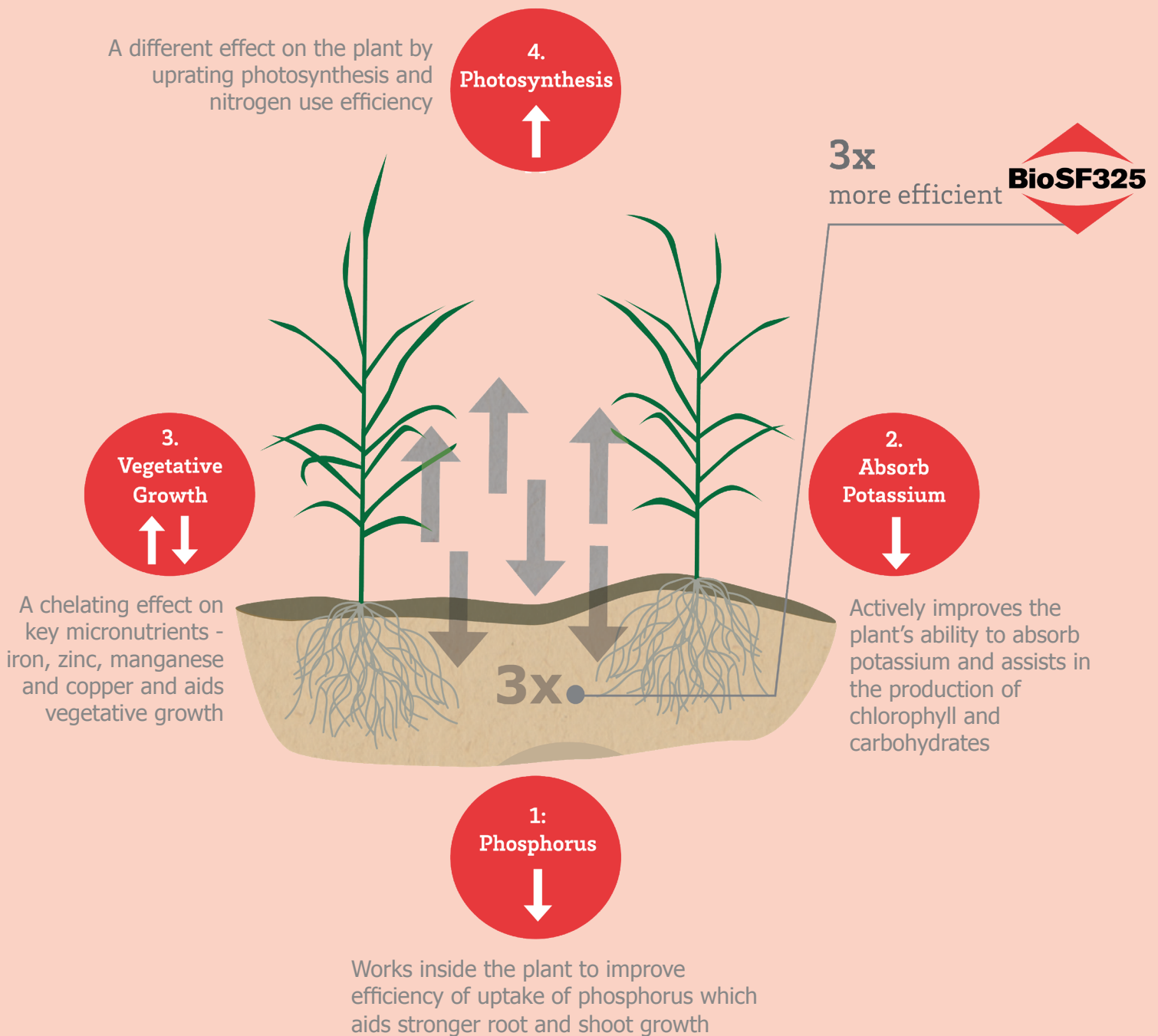


VERDESIAN

THE NUTRIENT USE EFFICIENCY PEOPLE™

Why Phosphorus is Needed

BioSF325 contains four key components which drive nutrient use efficiency allowing for more phosphorus and potassium to be utilised by the plant and stay available for longer periods.

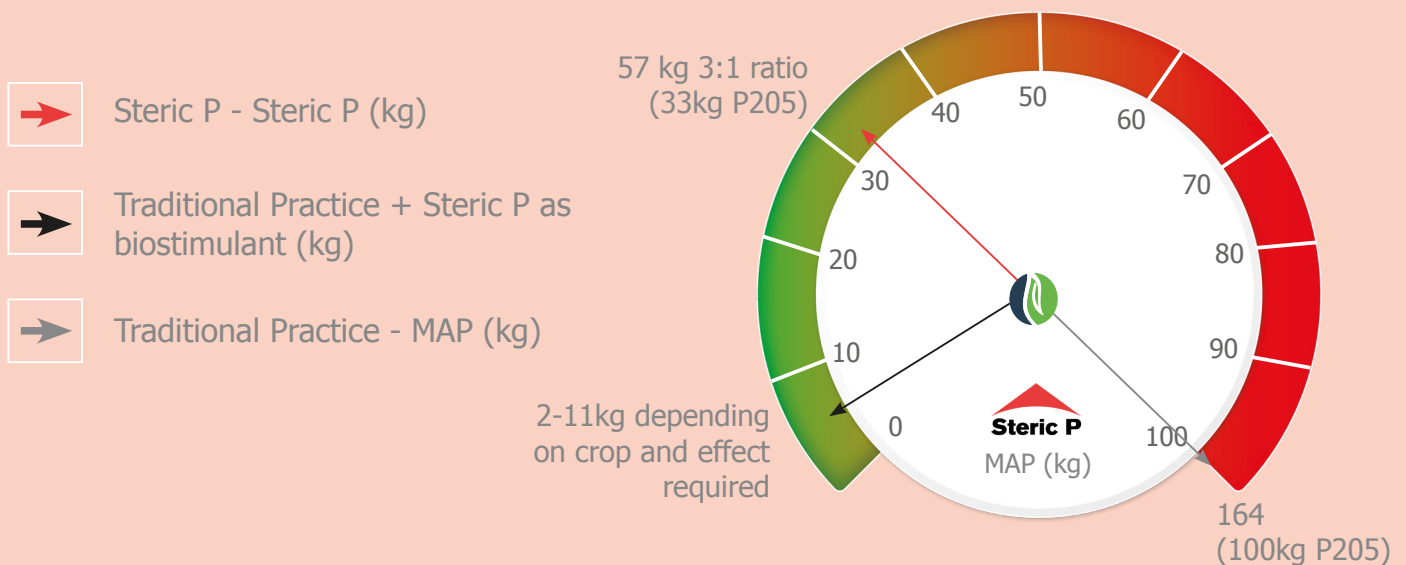


Why Use Steric P Treatment?

- BioSF325 sits inside the 100% water soluble Steric P dry formulation
- Enables Steric P to be a replacement for traditional forms of P - MAP, phosphoric acid, DAP, MKP
- Instead of full replacement, BioSF325 enables Steric P to be used as a biostimulant within standard fertigation programs
- Helps to reduce the effect of salinity on root and shoot growth
- Through improved P efficiency, helps reduce environmental impact of phosphate

Steric P Replaces Traditional Fertilisers

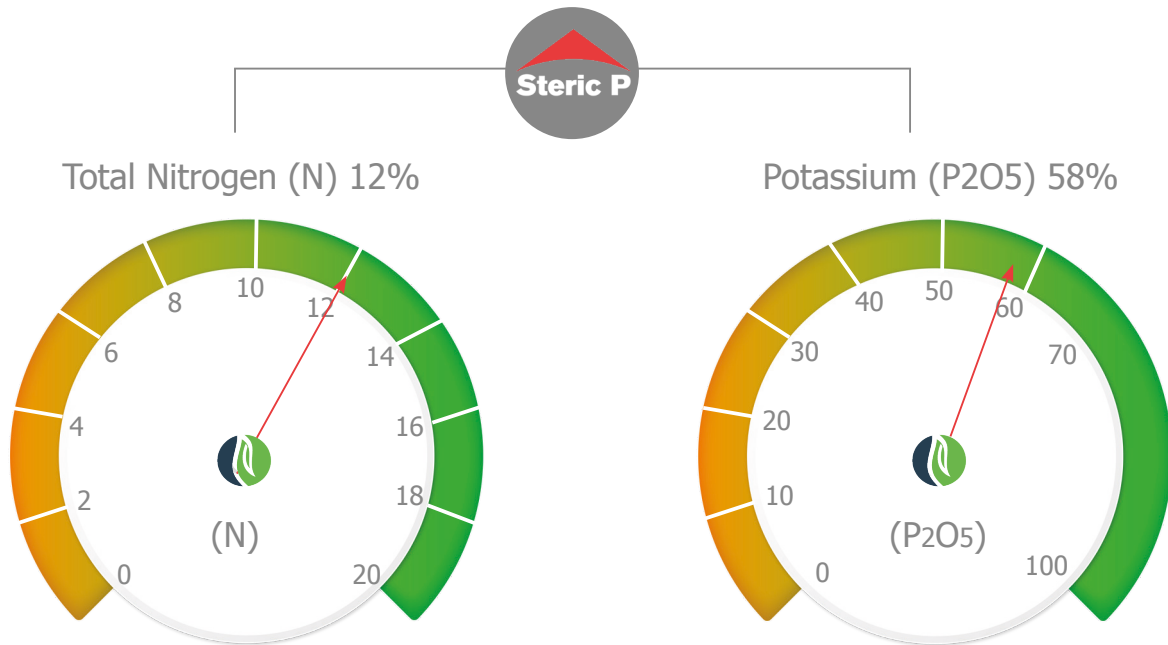
- Steric P fully replaces traditional P fertilisers and has biostimulant action



Steric P Details

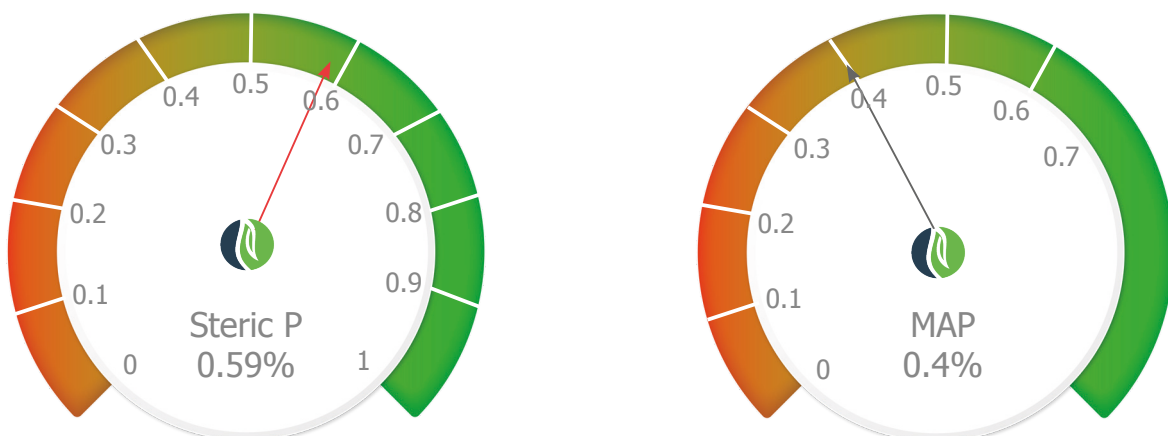
EC-Fertiliser (B.1.2)

- Blended NP 12:58 water soluble dry formulation
- Phosphorus is derived from 100% water soluble high efficiency food grade mono-ammonium phosphate



Leaf Phosphorus Concentration (%)

Trial conducted between March to May, Tomato - Covered



The Facts

100%

100% water soluble dry formulation

P₂O₅

High efficiency food grade MAP as source of P₂O₅

12:58:0

Formulation containing 12:58:0, compliant with the EC-fertiliser Directive 2003

MRL

Low levels of phosphite in food grade MAP guards against Maximum Residue Level (MRL) issues

BioSF325

BioSF325 improves nutrient use efficiency up to 67%



Low salt index of 62.4 and pH 4.43

CaNO₃

Good mixing compatibility with CaNO₃



Fewer elements and packaging

How to Apply Steric P

Application Guidelines

Always read and follow label instructions and restrictions before use. Steric P can be applied to most crops via fertigation only. Do not apply as foliar to crops. Steric P can replace normally used acid fertilisers supplying phosphorus or can be used in conjunction with such fertilisers to provide beneficial biostimulant effects.

Application Instructions

Steric P should only be applied dissolved preferably through fertigation systems. Add dissolved solution to partially filled tank and continue to fill, if possible, allow agitation to ensure thorough mixing in tank.

As a P Replacement from Acid Fertiliser

Up to 3 units P can be replaced by 1 P unit from Steric P

For Biostimulant Effect

Use 2-11kg Steric P at planting, pre or early flowering depending on crop to provide improved fruit setting and crop quality (see label for more details)

Steric P Results

Steric P as a Replacement for Acid Fertilisers

Tomato - Covered, Spain

Fertiliser applied every 5 days

Steric P: 300 g (12:58:0)
FSP: 1 kg (12:62:0)

+22.8%

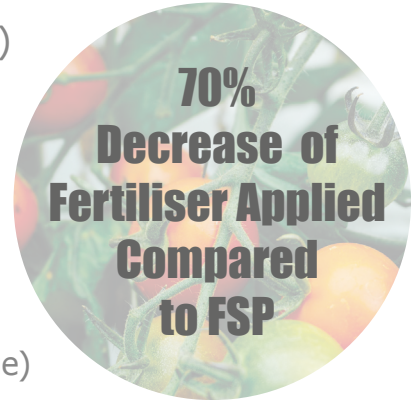
Bunch Length (cm)

Steric P: 21.0
FSP: 17.1

+37.5%

Leaf P Concentration %

Steric P: 0.55 (in optimum range)
FSP: 0.40 (below optimum)



Steric P as a Biostimulant

Grapes - Variety Airen, Spain

Steric P applied at early shooting per ha

Steric P: 5 kg
in addition to FSP

+25%

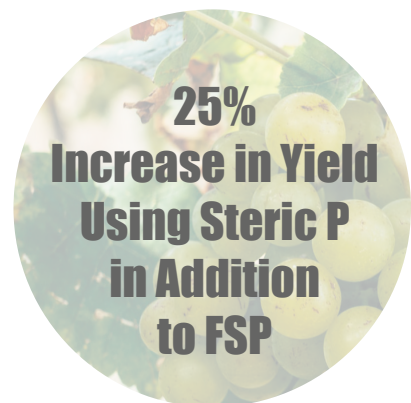
Yield in kg per strain

Steric P: 16.5 kg

13.2kg

Yield in kg per strain

FSP: 13.2 kg



STERIC P

Compared to standard phosphate fertilisers, Steric P can deliver up to 37% improved nutrient use efficiency of phosphorus within the plant, delivering proven increase in root and vegetative growth along with fruit/seed quality.



BioSF325 drives phosphate, potassium and nitrogen use efficiency



Proven commercial performance in USA, South America and Spain



P acid fertiliser replacement and can be used as a bi-ostimulant



Improved root and vegetative growth



Uses high efficiency food grade MAP



Reduced environmental impact

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