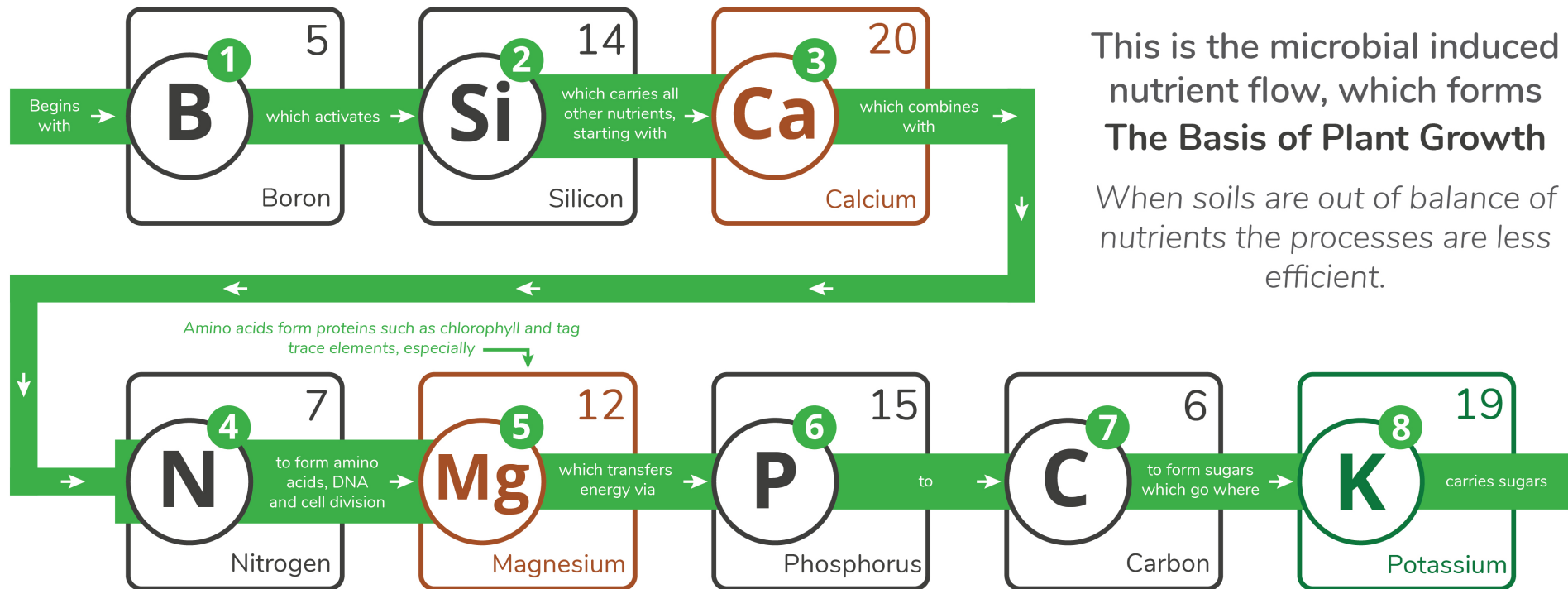


PLANT BIOCHEMICAL SEQUENCE



This is the microbial induced nutrient flow, which forms **The Basis of Plant Growth**

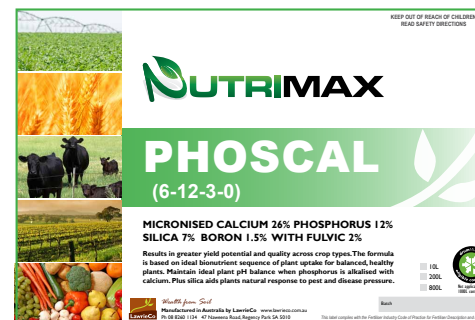
When soils are out of balance of nutrients the processes are less efficient.

POWERFUL RESPONSE FROM PHOSCAL

It is attributable to the unique nutrient combination- boron, silica, calcium and phosphorus in one product, NutriMAX PhosCal. Generally a growth nutrient (phosphorus) teamed with plant strength nutrient (calcium) means plants respond with healthy growth and fruiting outcomes. The formulation means that each nutrient plays a role in optimising the plant biochemical sequence.

- Calcium applied as a foliar is essential for building plant cell strength, with
- Phosphorus for improved flower formation and seed production and a more uniform and earlier crop maturity and
- Boron requirement in plants are higher for the reproductive growth phase than vegetative and it will improve flower production and retention, seed and fruit development
- Silica is a key to cell strength and good plant levels are associated with plant resilience to pest and disease.
- Fulvic is a powerful natural chelator improving the delivery and efficacy of foliar applied nutrients.
- Biostimulant Base filled with natural plant growth hormones, vitamins and immune enhancers. These naturally build plant health and in turn increase plant capacity to uptake and utilise applied fertiliser.
- Availability- the above nutrients are delivered from natural sources in a highly plant available form, making it easy for plants to take up and an efficient way to apply nutrition.

Ref: Lovell, H 'The Biochemical Sequence' Australian Organic Producer, Autumn 2009



TYPICAL ANALYSIS (w/v)

Nitrogen	6.0% total	Magnesium	1.7% as oxide
	5.75% as urea	Silica	6.6% as orthosilicate
	0.25% as ammonium	Boron	1.5% as borate
Phosphorus	11.8% total	Iron	0.3% as oxide
	0.8% as soluble	Manganese	0.02% as oxide
	1.0% as citrate soluble	Zinc	0.01% as oxide
	10% as citrate insoluble	Fulvic Acid	2.0% as potassium fulvate
Potassium	3.0% as oxide	pH	5.6 - 5.9
Sulphur	0.5% as organic	Specific Gravity	1.65 g/mL
Calcium	26.2% total		
	17.1% as phosphate		
	9.1% as oxide		