

# BIOSTIM POTASSIUM

POTASSIUM COMPLEX

## The Potassium Challenge

- Potassium is linked to colour in fruit.
- Potassium can be viewed somewhat as an antidote to excessive Nitrogen<sup>1</sup>
- Nitrogen / Potassium ratio < 1.5 : 1 is desirable for colour<sup>2</sup>

Table : Leaf test result taken in December

Block	Nitrogen (%)	Potassium(%)	Magnesium (%)	Comments
1	2.3	1.8	0.29	Highly coloured large firm fruit
2	2.8	1.1	0.36	Poorly coloured soft small fruit
<b>Optimum:</b>	<b>2.3-2.8%</b>	<b>1.5-1.8%</b>	<b>0.25 – 0.30%</b>	
Block	N : K ratio	K : Mg ratio	Comments	
1	1.3 : 1	6.2 : 1	Optimum Ratio	
2	2.5 : 1	3.1 : 1	Need more K to balance	
<b>Target</b>	<b>&lt; 1.5 : 1</b>	<b>&lt; 6.0 : 1</b>		

**Biostim K is a 30% w/v complexed product providing ample K to correct deficiencies**

## Why Biostim Potassium

- Fast correction in K deficiency via foliar
- Does not contain N, in order to focus on the N:K ratio
- 100% of the Potassium content is available
- Biostim K is fully complexed (not all chelates are the same)



<sup>1</sup> APAL The Nitrogen and Potassium partnership, Dean Rainham, Sept. 2015

<sup>2</sup> APAL Leaf Nutrient rations, Dean Rainham, Sept 2015