



Root Crops

Crop Programme

MAS-Power	Use	No of applications	Timings	Rate litres/ha
MAS-Power Mg	To correct magnesium deficiency, to support starch translocation and to aid in nutrient uptake control, especially iron utilisation. Mg is key for boosting chlorophyll performance in leaf	2	As required from tissue analysis Repeat at 10-14 day intervals	4.0-7.0
MAS-Power KS	To correct nutrient deficiency or imbalance, particularly in sandy soils. Also to aid cell fill and to aid crops under stress for abiotic factors such as water depletion	As required	From vegetative growth and throughout root swelling, following analysis or inspection	2.0-5.0
MAS-Power Mn	To correct manganese deficiency, assist the photosynthetic process by supporting assimilation of carbon dioxide. Deficiency is usually seen as interveinal chlorosis which begins on new leaves but may soon spread to others	3	As required from tissue analysis Repeat at 10-14 day intervals	1.5-3.0
MAS-Power Cu	To correct copper deficiency and support photosynthesis and respiration within the plant. MAS-Power Cu will aid carbohydrate and protein metabolism and is essential in the formation of lignin in plant cell walls to contribute to the structural strength of cells	1-2	Apply only where known deficiency exists Apply before symptoms present	1.0-2.0
MAS-Power B+Mo	To correct boron and molybdenum deficiency. Both these essential elements are particularly important during the plant development, translocation of sugars and the reproductive process. Also assists with the regulation of water balance within cells	2	1st 6-8 leaf stage 2nd 14-21 days later	2.0
MAS-Power Zn	To correct zinc deficiency, which is essential for the production of auxins to promote healthy growth. It aids protein synthesis and the regulation and consumption of carbohydrate to support plant development and quality	2	1st 6-8 leaf stage 2nd 14-21 days later	2.0
MAS-Power Fe	To correct micronutrient deficiency and aid photosynthesis as iron plays a major role in chlorophyll (green pigment plants) its development and its function	2-3	As necessary from known deficiency or tissue analysis 10-14 day spray intervals	1.0
MAS-Power 360	To increase nutrient mobility and reduce overall abiotic and biotic stresses. Regular applications will aid overall nutrient movement and assimilation and will support plant health and keep leaf quality at optimum	2-3	From 6-8 leaf stage in combination with other sprays	2.5-3.0



Crop Programme *continued*

Fortify	Use	No of applications	Timings	Rate litres/ha
Fortify Cu	A highly advanced N:P and copper formulation which aids phloem mobility, corrects copper deficiency and most importantly to supports and maintains crop yield when plants are under greater stress from pathogenic pressure	As required	Apply as required from tissue analysis or as part of a regular programme. Apply at 14 day intervals	2.0-3.0
Specialist Products	Use	No of applications	Timings	Rate litres/ha
Bio Chel Ca (10%w/v)	To correct calcium deficiency and minimise calcium related disorders such as cavity spot and internal breakdown. To optimise cell division during early establishment through to harvest to support optimum yield and quality. Bio-Chel Ca will maximise harvest quality, increase storage potential and reduce post harvest pathogenic related disorders	As required	From 4 to 6 leaf development through to harvest. May be applied every 2 weeks and may be mixed with other fertilisers and pesticides unlike other calcium products	3.0-5.0
Brix-Builder	To maximise any growth process by adding and stimulating carbohydrate production and mobility. Brix Builder will increase storage organ potential and will aid growth during periods of poor weather. Later applications during pod maturation will increase brix levels leading up to harvest	4	For early applications and for periods of poor growth apply 2 applications, 7 days apart. For brix levels 1-2 applications from 2-4 weeks before harvest.	1.0
Sentinel	A foliar nutrient spray containing a unique form of available silicon + salicylic acid. The blend maximises tissue recovery from stress and mechanical damage. Also the blend will maximise the leaf cuticle reinforcement and immune system responses to protect from pathogenic and pest pressure.	As required	Apply as required as part of a regular programme or when pest or pathogen pressure increases. Ideal for use throughout the season.	0.5-1.0