



# Ornamentals

## Crop Programme

MAS-Power	Use	No of applications	Timings	Rate litres/ha
<b>MAS-Power Mg</b>	To correct magnesium deficiency, aid the mobility and synthesis of carbohydrates to aid plant vigour and to aid in nutrient uptake control especially iron utilisation. Magnesium is a key nutrient for boosting chlorophyll performance in leaf to maximise leaf quality and colour	As required	Apply at first visual signs of deficiency in the lower leaves as interveinal chlorosis	3.0-5.0
<b>MAS-Power Mn</b>	To correct manganese deficiency, to assist the photosynthetic process to aid in the synthesis of chlorophyll and in nitrate assimilation which results in greater leaf quality and more rapid leaf expansion. MAS-Power Mn will cater for the demands of manganese demanding varieties if root pH is high or manganese root levels are diminished	As required	As required from tissue analysis Repeat at 10-14 day intervals	1.0-2.0
<b>MAS-Power Cu</b>	To correct copper deficiency and support photosynthesis and respiration within the plant.	1-2	As required from tissue analysis Repeat at 10-14 day intervals	0.25-0.5
<b>MAS-Power B+Mo</b>	To correct boron deficiency. Particularly important during the development in flowering or fruiting ornamental species as it will support flowers and fruit development, translocation of sugars and the reproductive process. Boron is the essential nutrient for pollination, fertilisation and seed production, which are necessary for optimal flower and fruit development in flowering and fruiting species.	1-2	As required from tissue analysis Repeat at 10-14 day intervals	1.0-2.0
<b>MAS-Power Zn</b>	To correct zinc deficiency, which is essential for the production of auxins to promote healthy vigorous growth. It aids protein synthesis and the regulation and consumption of carbohydrate to support fruit development and visual quality. Optimal levels of zinc in the tissue will enable plants to withstand lower air temperatures.	As required	As required from tissue analysis Repeat at 10-14 day intervals	1.0
<b>MAS-Power Fe</b>	To correct iron deficiency and aid photosynthesis as iron plays a major role in chlorophyll (green pigment in plants), its development and its function. Iron plays a role in energy transfer within plants and functions in plant restoration and overall crop metabolism.	1-2	As required from tissue analysis Repeat at 10-14 day intervals	1.0
<b>MAS-Power 360</b>	To increase nutrient mobility and reduce overall stress from chemical applications, abiotic and biotic stresses. Regular applications will aid overall nutrient movement and assimilation and will support plant health and keep leaf quality at optimum	1-2	As required, allow 15 days between applications	1.0-2.0



**Crop Programme** *continued*

<b>Fortify</b>	<b>Use</b>	<b>No of applications</b>	<b>Timings</b>	<b>Rate litres/ha</b>
<b>Fortify Cu</b>	To aid phloem mobility, correct copper deficiency to cover the copper requirements of plants. Importantly to protect crop quality and maintain crop development during periods of significant pathogenic pressure	As required	As required from tissue analysis Repeat at 10-14 day intervals	1.0-3.0
<b>Fortify 30-20</b>	To increase the phloem mobility of nutrients when used as a regular foliar or irrigated programme. P and K are essential in healthy plant development and will support plant health and vigour. 30-20 will stimulate root development and initiation. Importantly 30-20 will aid crop health during periods of pathogenic pressure	As required	As required from tissue analysis Repeat at 10-14 day intervals	1.0-3.0
<b>Specialist Products</b>	<b>Use</b>	<b>No of applications</b>	<b>Timings</b>	<b>Rate litres/ha</b>
<b>Integrate Soil Surfactant</b>	To maximise the lateral movement of water and nutrients through the rhizosphere especially within substrate production to maximise EC balance, nutrient potential and uptake. Also to maximise hydrolysis to support overall quality. Integrate is also ideal for use for maximising the performance of vine weevil reducing nematodes	Monthly	Apply from planting or early early via normal irrigation. Apply at the higher rate for the first application and subsequent applications at the lower rate.	0.6-1.2
<b>Sion</b>	To boost the strength and increase the speed at which growth can be attained. Sion will aid the balance of nutrient uptake by the plant by addressing the silicon requirement thereby reducing competition for uptake against other essential elements. Importantly Sion reinforces leaf cuticle and other epidermal tissues to protect the plant from the 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.	0.25-0.5
<b>Sentinel</b>	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