

Potatoes

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	2-3	From 1 week after full emergence (Repeat after 14 days if necessary) 2nd During tuber bulking	3.0 3.0 5.0-7.0
MAS-Power KS	Also to aid tuber fill and bulking without the issue of nitrogen stimulation	2	Tuber initiation and tuber bulking	2.0-4.0
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	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	1-2	From 1 week after full emergence	1.0-2.0
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 From 1 week after full emergence 2nd During tuber bulking	1.0-2.0
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	1-2	From full emergence in combination with other sprays	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 support and maintain crop yield when plants are under greater stress from pathogenic pressure	As required	As required from tissue analysis Repeat at 10-14 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. To optimise cell division during early establishment through to harvest to support optimum yield and quality. Low levels of calcium in tubers at harvest will affect quality and storage potential	As required	From tuber initiation through to bulking	3.0-5.0
Sentinel 10% Silicon +Salicylic acid	To aid crop establishment and promotion of strong tubers. Also to aid rapid recovery from biotic and abiotic stress factors	As required	From 3rd true leaf through to harvest at 7 days intervals	0.5-1.0