



Potatoes Crop Programme

(Early and Main Crop Potatoes)



GROWTH STAGE	Drilling	Vegetative Growth BBCH 19 - 39	Tuber Initiation BBCH 40	Tuber Bulking BBCH 41 - 49	Maturation BBCH 51 - 69
Product					
Cypher	4.0 L/ha				
Bio-Chel Initiate		4.0 L/ha two applications 14 days apart			
Bio-Chel Ca		2.0 L/ha 10 to 14 day Intervals	2.0 L/ha 10 to 14 day Intervals	2.0 L/ha 10 to 14 day Intervals	
Fortify Cu*		2.0 L/ha 10 to 14 day Intervals	2.0 L/ha 10 to 14 day Intervals	2.0 L/ha 10 to 14 day Intervals	2.0 L/ha 10 to 14 day Intervals
Sentinel*		0.5 L/ha 10 to 14 day Intervals	0.5 L/ha 10 to 14 day Intervals	0.5 L/ha 10 to 14 day Intervals	0.5 L/ha 10 to 14 day Intervals
MAS-Power Mg		2.0 L/ha As required from analysis	2.0 L/ha As required from analysis	2.0 L/ha As required from analysis	2.0 L/ha As required from analysis
MAS-Power Mn		2.0 L/ha As required from analysis	2.0 L/ha As required from analysis	2.0 L/ha As required from analysis	2.0 L/ha As required from analysis
MAS-Power B+Mo		2.0 L/ha As required from analysis	2.0 L/ha As required from analysis	2.0 L/ha As required from analysis	2.0 L/ha As required from analysis

Cypher	Bio-Chel Initiate	Bio-Chel Ca	Fortify Cu	Sentinel	MAS-Power Mg	MAS-Power Mn	MAS-Power B+Mo
<p>Cypher is a modified organic acid blend and is designed to condition soils.</p> <p>Cypher enhances nutrient uptake by combining nutrients with humic substances to aid well-balanced nutrition. Cypher improves the structure of soil by promoting fungi to create a crumb structure for better water and oxygen intake and improved root penetration.</p>	<p>Bio-Chel Initiate is a multi-function liquid lignin complex, providing growers and farmers with a new source of organic bio stimulant to aid the establishment of crops in both soils and substrate by rapidly generating a healthy and energetic rootzone.</p>	<p>Regular applications of applied calcium is essential for building cellular integrity and cell strength, and is proven in the field to combat abiotic stresses.</p> <p>Applying foliar calcium during grain fill can prolong the process.</p>	<p>Fortify Cu is a unique formulation of PO₄, PO₃, copper and halide ions which complement each other to support plant bio-fortification and reduce yield loss, and with programmed use will reduce susceptibility to disease infection such as oomycete and pseudomonas type diseases.</p>	<p>Product is based upon the delivery of mono-silicic and Salicylic acid to the crop. This is the only form of silicon plants will accept and its affects are highly beneficial to potatoes.</p> <p>Once applied it helps to build a physical barrier to the crop and helps reduce both susceptibility to disease infection but also to predation from insect pests.</p>	<p>Magnesium can be easily locked up in the soil through interactions with other elements and is often seen in potato crops and is vital for photosynthesis.</p> <p>Applications should be made as soon as a deficiency is observed.</p>	<p>As with Magnesium manganese is an important element throughout the life of a plant and is particularly vital when potatoes are putting on considerable growth.</p> <p>Regular applications should be made even before a deficiency is seen.</p>	<p>Boron along with calcium applications are known to reduce the incidence of Internal Rust Spot and other tuber quality defects. MAS-Power B+Mo contains 10% boron and 1.2% molybdenum and is ideal for the correction of boron and molybdenum deficiency.</p> <p>Boron affects the absorption of Calcium, so the correct balance of these nutrients is highly important. Boron also aids the crop in the reduction of stress tolerance to improve crop development and maintain yield.</p>

*Apply with other spray applications to increase nutrient mobility reduce effects of biotic and abiotic stresses.

Above are the Engage recommendations, but if you have any queries contact us on **+ 44 (0) 1257 226590**