





# Allium Crop Programme



				
GROWTH STAGE	Emergence	3-9 Leaves (BBCH 13-19)	Thickening of the bulb (BBCH 41)	Bulb development (BBCH 45)
Product				
Cypher	4.0 L/ha pre-emergence			
Aqualatus/Integrate	2.0 L/ha pre-emergence			
Fortify Cu*		1.0 L/ha at 10 to 14 day intervals	1.0 L/ha at 10 to 14 day intervals	
Bio-Chel Ca		0.5 L/ha 10 to 14 day Intervals	0.5 L/ha 10 to 14 day Intervals	
Fortify 30-20*		2.0 L/ha	2.0 L/ha	
Sentinel*		0.25-0.5 L/ha as required	0.25-0.5 L/ha as required	

Cypher	Aqualatus/Integrate	Fortify Cu	Bio-Chel Ca	Fortify 30-20	Sentinel
<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.</p> <p>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>Treating the soils with Aqualatus will improve water and nutrient distribution within the root zone.</p> <p>Aqualatus does this by expanding the root zone wetted area where larger healthier root systems can develop to access greater levels of nutrients which result in a better quality plant.</p>	<p>Fortify Cu is a unique formulation of PO<sub>4</sub>, PO<sub>3</sub>, 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>Regular applications of applied calcium is essential for building cellular integrity and cell strength, and is proven to combat abiotic stresses.</p> <p>Applying foliar calcium during the growing cycle of onions ensures the delivery of calcium to where it is needed.</p>	<p>An advanced zero nitrogen potassium phosphite designed for use in all crops.</p> <p>Fortify 30-20 provides a strong potassium and phosphorus source which can be distributed within a plant at higher volumes, this also has protectant qualities for the crop against the ingress of Oomycetes 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.</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>

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