

# MUM & FLEURETTE PROGRAM



Application Timing	Product Choices	Rates	Comments
Soil Media Prep	BioBlender Media Mix	½ - 1 lb. per cubic yard (280 grams per cubic meter)	Adds both beneficial bacteria and organic soil amendments.
At Sticking	Essential® Plus 1-0-1	<b>Drench Rate:</b> 4 oz. per gallon of water (31 ml per liter of water)	Use Essential® Plus to promote root growth (callous formation, cell division, and root development). <ul style="list-style-type: none"><li>• Improves nutrient uptake.</li><li>• Improves cation exchange capacity of growing media.</li></ul>
For Sizing Up		<b>Dip Rate:</b> 1 oz. per 30 ounces of water (31 ml per liter of water)	Use Essential® Plus when moving up to desirable pot sizes (and every time plants are re-potted). <ul style="list-style-type: none"><li>• Combats transplant shock.</li><li>• Repairs damaged roots, allowing for better nutrient uptake and retention.</li></ul>
Biological Fungicide	Companion® Biological Fungicide	<b>Drench Rate:</b> 16 oz. per 100 gallons of water every 14 to 28 days (125 ml per 100 liters water)	Use immediately following callous formation for the prevention of soil borne diseases (such as: Pythium, Rhizoctonia, Phytophthora, and Fusarium) <ul style="list-style-type: none"><li>• Allows for colonization of root zone by beneficial Bacillus subtilis GB03 bacteria.</li><li>• Improves root development</li><li>• Better microbes mean less room for harmful pathogens</li><li>• Improves nutrient uptake</li></ul>
To Grow	14-7-14 All Purpose or Triple Ten 10-10-10	Set injector at 150 to 200 PPM of nitrogen. Every watering increase 50 - 100 PPM of nitrogen. During winter months, due to less watering, reduce rate 50 - 75% for ebb and flow, flooded floors, capillary mats, etc.  <b>Soiless Application Rate:</b> Set injector at 200 PPM of nitrogen every watering. Increase 50 - 100 PPM of Nitrogen during winter months. Due to less watering, reduce rate 50 - 75% for ebb and flow, flooded floors, capillary mats, etc.	<ul style="list-style-type: none"><li>• Strengthens plant turgidity</li><li>• Increases color</li><li>• Reduces stretch</li></ul>
	Cal Mag Max (7-0-3)	<b>Drench Rate:</b> 100 PPM once a week, in place of fertilizer	<ul style="list-style-type: none"><li>• Strengthens plant turgidity</li><li>• Increases color</li><li>• Reduces stretch</li></ul>