

NEW GUINEA IMPATIENS PROGRAM



Application Timing	Product Choices	Rates	Comments
Soil Media Prep	BioBlender Media Mix	½ - 1 lb. per cubic yard (280 - 560 grams per cubic meter)	<ul style="list-style-type: none"> Adds both beneficial bacteria and organic soil amendments.
At Sticking	Essential® Plus 1-0-1	Drench Rate: 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"> Improves nutrient uptake Improves cation exchange capacity of growing media
For Sizing Up		Dip Rate: 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"> Combats transplant shock Repairs damaged roots, allowing for better nutrient uptake and retention
Biological Fungicide	Companion® Biological Fungicide	Drench Rate: 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"> Allows for colonization of root zone by beneficial Bacillus subtilis GB03 bacteria. Improves root development Better microbes mean less room for harmful pathogens Improves nutrient uptake
To Grow	14-7-14 All Purpose or 10-10-10 Triple Ten	Application Rate: Set injector at 80 to 100 PPM of nitrogen for the first 3 weeks. After 3 weeks, set injector at 150 PPM of nitrogen.	New Guinea Impatiens like a one-to-one ratio of nitrogen to potassium <ul style="list-style-type: none"> True liquid solution Easy to use Easy to inject No abrasion or clogging Minimal salts