



## Suggested Be-1 Pellet Application Rates

	Amend at Planting and Monthly Booster Feeding	Solubilize pellets into liquid	Compost & Bokashi		
	<b>AMENDMENT</b> (New planting and transplant per volume of soil)	<b>TOP DRESS MONTHLY BOOSTER</b> (Top Dressing every 4 weeks)	<b>WATER</b> (Monthly Feeding)	<b>COMPOST TEA, FOLIAR SPRAY, FERTIGATION, HYDROPONICS</b>	<b>COMPOST &amp; BOKASHI STARTER/ACCELERATOR</b>
<b>Orchids</b>	Mix 1/3 TBSP (0.2 oz -or- 5 g ) per QUART of medium METRIC: 5 g per LITER	Top dress 1/3 TBSP (0.2 oz -or- 5 g) per QUART of medium METRIC: 5 g per LITER	3 TBSP (1.5 oz -or- 45 g) per GAL METRIC: 10 g per LITER	Add 2/3 TBSP (1/3 oz -or- 10g) per GAL METRIC: 2.5 g per LITER	<b>Large Batch:</b> 2.2 lb (1 kg) bag of pellets makes one CUBIC YARD (0.75 m <sup>3</sup> ) Mix (or layer) directly into your compost pile or Bokashi bucket  <b>Small Batch:</b> Mix 1/3 TBSP (0.2 oz -or- 5 g ) per GAL of compost/ Bokashi METRIC: 2 g per LITER
<b>Flowers</b>	Mix 1.3 TBSP (0.7 oz -or- 20 g) per GAL of soil -or- 10 TBSP (150 g) per 1 cubic foot METRIC: 5 g per LITER	Top dress 1/3 TBSP (0.2 oz -or- 5 g) per SQ FT Container: 1.3 TBSP (0.7 oz -or- 20 g) per GAL METRIC: 5 g per 30 cm <sup>2</sup> ; 5g per LITER	3 TBSP (1.5 oz -or- 45 g) per GAL METRIC: 10 g per LITER		
<b>Fruits &amp; Vegetables</b>	Mix 3 TBSP (1.5 oz or 40 g) per GAL of soil -or- 20 TBSP (300 g) per 1 cubic foot METRIC: 10 g per LITER	Top dress 2/3 TBSP (0.4 oz -or- 10 g) per SQ FT Container: 3 TBSP (1.5 oz -or- 45 g) per GAL METRIC: 10 g per 30 cm <sup>2</sup> ; 10 g per LITER	5 TBSP (2.5 oz -or- 75 g) per GAL METRIC: 10 g per LITER		
<b>Houseplants &amp; Other</b>	Mix 1.3 TBSP (0.7 oz -or- 20 g) per GAL of soil -or- 150 g (10 TBSP) per 1 cubic foot METRIC: 5 g per LITER	Top dress 1/3 TBSP (0.2 oz -or- 5 g) per SQ FT Container: 1.3 TBSP (0.7 oz -or- 20 g) per GAL METRIC: 5 g per 30 cm <sup>2</sup> ; 5g per LITER	3 TBSP (1.5 oz -or- 45 g) per GAL METRIC: 10 g per LITER		
<b>Aggressive [full lifecycle]</b>	Mix 3 TBSP (1.5 oz or 40 g) per GAL of soil -or- 20 TBSP (300 g) per 1 cubic foot METRIC: 10 g per LITER	10 grams (1/3 oz or 2/3 tablespoon) per gal of soil [weekly]			
<b>COVERAGE:</b> 2.2 lb (1 KG) Bag	<b>Amends 25~50 gal of soil -or- 1/4 Cubic Yard (3~6 cu ft<sup>3</sup>)</b>	<b>Feeds 100 ~200 sq ft<sup>2</sup> (9 m<sup>2</sup>~ 18.5 m<sup>2</sup>)</b>	<b>Makes 13~22 Gal (83 Liters)</b>	<b>Makes 100 Gal (375 Liters)</b>	<b>Treats one Cubic Yard (200 Gal -or- 750 L)</b>

- Be-1 Pellets application rates have been calibrated to maximize soil microbe populations, as well as feed your plants
- Top-dress (easiest) -or- mix into water -or- compost tea (most efficient).
- When mixing pellets into water, stir occasionally up to 30-min to help break down pellets before applying and use immediately, or the solution will go anaerobic.
- When mixing pellets into a liquid solution (water and teas), and using any kind of emitter (irrigation/sprayer) standard 40-mesh (400 micron) compost tea bags are recommended. Although pellets are water soluble, some sediments (shrimp shell) do not break down as quickly and may clog emitters.
- If broadcasting/top-dressing, for best results, partially bury pellets by scratching pellets into medium surface or cover with mulch/straw to maintain some hydration. Most microbial activity occurs within the rhizosphere, top 6".
- When using Be-1 Pellets, white actinobacteria and/or a saprophyte fungi that assists in the decomposition of organic matter and makes nutrients available to

- your plants, may appear on medium surface. Given its beneficial role, please do not remove.
- Amino acids in Be-1 Pellets naturally 1) increase populations, 2) facilitate photosynthesis, 3) reduce plant stress and 4) are chelating / complexing agents for cation nutrients, i.e. attaching to a variety of nutrients, making it easier for plants to absorb.
- In order to fully realize full potential of Be-1's amino acids, it is necessary to add beneficial biology (bacteria, fungi and especially protozoa). Biology can be introduced in the form of a good compost, humus, a pre-inoculated planting medium, or a soil inoculant, such as Be-2.
- More information:  
[www.bio-enhanced.com/index.php/products/application-rates](http://www.bio-enhanced.com/index.php/products/application-rates)

