



# HORTI™

## Commercial Line



**HORTI GROW**  
**8-11-21**  
+ Mg + S + Micronutrients



**HORTI BLOOM**  
**5-15-26**  
+ Mg + S + Micronutrients



**HORTI LATE BLOOM**  
**0-24-26**  
+ Mg + S

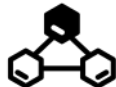


**HORTI CAL**  
**14-0-0**  
+ Ca + Mg



### FORMULATION

- © HORTI nutrients are science-based formulations backed by field testing.
- © HORTI nutrients are tested before and after formulation to ensure the highest quality.
- © HORTI nutrients are made from chemically compatible ingredients.
- © HORTI nutrients are made from water soluble ingredients.
- © HORTI nutrients are composed of powerful NPK ratios and specific micronutrients.



### CHEMISTRY

- © HORTI nutrients are extremely soluble and consistent in each batch.
- © HORTI nutrients are pH stable.
- © HORTI nutrients contain no fillers or contaminants.
- © HORTI nutrients contain ZERO sediment or organic material to block irrigation systems.



### EFFICIENCY

- © HORTI nutrients deliver powerful NPK ratios and specific micronutrients for both the Vegetative and Bloom stages.
- © HORTI nutrients have superior plant-uptake rates to ensure crop productivity and higher yields.



### COST-EFFECTIVE

- © HORTI nutrients are scalable and affordable with two sizes for stock tanks and injection systems (2.3 kg (5 lb), 22.7 kg (50 lb)).
- © HORTI application rate and recommendations for mixing ensure the most cost-effective formulas compared to other brands.

Flip over for feed chart  
and Directions for Use



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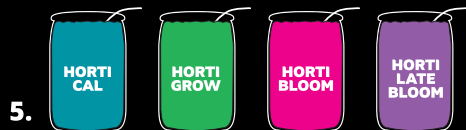
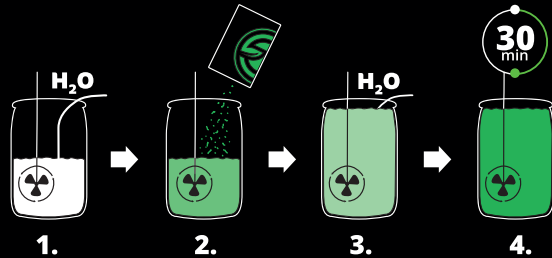
## DIRECTIONS FOR USE

The Horti Commercial Line is a fully soluble fertilizer for use in day tank, injector, and dosing systems. For use on greenhouse horticultural crops.

### EXAMPLE STOCK TANK PROCEDURE: 2 LB / US GAL (240 G / L)

Using a measuring container with accurate gallon or litre marks on it:

1. Start mixer and fill tank half-way with water.
2. Slowly pour granules (50 lb / 22.7 kg bag) into the stock tank.
3. Top up tank with water to the 25 US gal (95 L) mark.
4. Vigorously mix until all granules are solubilized. May take up to 30 minutes.
5. To avoid precipitation, mix each Horti fertilizer into separate stock tanks.



For hydroponic and continuous liquid feed programs.

**Storage:** Store in original tightly closed containers in a cool, dark, well-ventilated place. Protect from humidity and temperature extremes.

## HORTI FEED CHART FOR DAY TANK / RESERVOIRS

Growth Stage:	Vegetative			Early-Mid Bloom			Late Bloom (Last 2 weeks)		Flush (7-10 days)	
EC (mS/cm)	1.8			1.6			1.3		0	
PPM 500	1000			800			700		0	
PPM 700	1400			1200			980		0	
pH	5.5 - 6.3									
Application Rates:	g /100 US gal	g / 100 L	EC	g /100 US gal	g / 100 L	EC	g /100 US gal	g / 100 L	EC	WATER ONLY
HORTI CAL	250	66	0.8	250	66	0.8	180	48	0.5	
HORTI GROW	320	85	1.0							
HORTI BLOOM				270	71	0.8				
HORTI LATE BLOOM							270	71	0.8	

## HORTI FEED CHART FOR STOCK TANKS

### STEP 1: STOCK TANK PREPARATION

lbs / 1 US gal	g / 1 US gal	g / 1 L
1.0	454	120
2.0	908	240

\* Do not exceed 2.0 lbs / US gal (240 g / 1 L)

### STEP 2: RESERVOIR DOSING - DIRECT FEED TO PLANTS

#### Dosage for concentrate mixed at 1 lb / US gal (120 g / 1 L)

Target EC	HORTI CAL		HORTI GROW		HORTI BLOOM		HORTI LATE BLOOM	
	ml / US gal	ml / L	ml / US gal	ml / L	ml / US gal	ml / L	ml / US gal	ml / L
1.0	11 ml	2.9 ml	19 ml	5.0 ml	19 ml	5.0 ml	17 ml	4.5 ml
1.5	17 ml	4.5 ml	29 ml	7.7 ml	29 ml	7.7 ml	26 ml	6.9 ml
2.0	25 ml	6.6 ml	42 ml	11.1 ml	42 ml	11.1 ml	40 ml	10.6 ml
2.5	32 ml	8.5 ml	54 ml	14.3 ml	54 ml	14.3 ml	50 ml	13.2 ml
3.0	39 ml	10.3 ml	64 ml	16.9 ml	64 ml	16.9 ml	60 ml	15.9 ml
3.5	46 ml	12.2 ml	77 ml	20.3 ml	77 ml	20.3 ml	75 ml	19.8 ml
4.0	54 ml	14.3 ml	90 ml	23.8 ml	90 ml	23.8 ml	85 ml	22.5 ml

#### Dosage for concentrate mixed at 2 lb / US gal (240 g / 1 L)

Target EC	HORTI CAL		HORTI GROW		HORTI BLOOM		HORTI LATE BLOOM	
	ml / US gal	ml / L	ml / US gal	ml / L	ml / US gal	ml / L	ml / US gal	ml / L
1.0	6 ml	1.6 ml	10 ml	2.6 ml	10 ml	2.6 ml	8 ml	2.1 ml
1.5	9 ml	2.4 ml	15 ml	4.0 ml	15 ml	4.0 ml	12 ml	3.2 ml
2.0	13 ml	3.4 ml	21 ml	5.5 ml	21 ml	5.5 ml	17 ml	4.5 ml
2.5	16 ml	4.2 ml	27 ml	7.1 ml	27 ml	7.1 ml	24 ml	6.3 ml
3.0	19 ml	5.0 ml	32 ml	8.5 ml	32 ml	8.5 ml	29 ml	7.7 ml
3.5	23 ml	6.1 ml	39 ml	10.3 ml	39 ml	10.3 ml	36 ml	9.5 ml
4.0	27 ml	7.1 ml	45 ml	11.9 ml	45 ml	11.9 ml	40 ml	10.6 ml