



HORTI™ Commercial Line

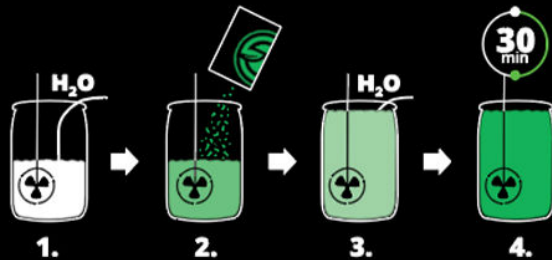
DIRECTIONS FOR USE

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