

## Usage Rates (mL/Gal)

1 Lb/Gal				2 Lb/Gal				2.5 Lb/Gal			
EC	Base	Growth	Flowering	EC	Base	Growth	Flowering	EC	Base	Growth	Flowering
1.0	11 mL	19 mL	19 mL	1.0	6 mL	10 mL	10 mL	1.0	5 mL	8 mL	8 mL
1.5	16 mL	27 mL	27 mL	1.5	9 mL	15 mL	15 mL	1.5	8 mL	13 mL	13 mL
2.0	24 mL	40 mL	40 mL	2.0	12 mL	20 mL	20 mL	2.0	10 mL	16 mL	16 mL
2.5	32 mL	54 mL	54 mL	2.5	15.5 mL	26 mL	26 mL	2.5	13 mL	22 mL	22 mL
3.0	38 mL	63 mL	63 mL	3.0	18 mL	30 mL	30 mL	3.0	15 mL	25 mL	25 mL
3.5	44 mL	74 mL	74 mL	3.5	23 mL	38 mL	38 mL	3.5	18 mL	30 mL	30 mL
4.0	51 mL	85 mL	85 mL	4.0	26 mL	44 mL	44 mL	4.0	21 mL	35 mL	35 mL

## Stock Tank Validation

	1 Lb/Gal			2 Lb/Gal			2.5 Lb/Gal		
	Base	Growth	Flowering	Base	Growth	Flowering	Base	Growth	Flowering
		20 mL	20 mL	20 mL	20 mL	20 mL	20 mL	20 mL	20 mL
<b>EC</b>	<b>0.9</b>	<b>0.6</b>	<b>0.6</b>	<b>1.8</b>	<b>1.1</b>	<b>1.1</b>	<b>2.1</b>	<b>1.3</b>	<b>1.3</b>
Acceptable Range	0.85 – 0.95	0.56 – 0.64	0.56 – 0.64	1.7 – 1.9	1.05 – 1.15	1.05 – 1.15	2.0 – 2.2	1.25 – 1.35	1.25 – 1.35

## Usage Rate - 25 Lb. Bag (Grams/Gal)

EC	Base	Growth	Flowering
1.0	1.4 g	2.3 g	2.3 g
1.5	2.1 g	3.5 g	3.5 g
2.0	2.8 g	4.7 g	4.7 g
2.5	3.5 g	5.8 g	5.8 g
3.0	4.2 g	7.0 g	7.0 g
3.5	4.9 g	8.2 g	8.2 g
4.0	5.6 g	9.3 g	9.3 g

## Usage Rate Adjustment Calculator

*If usage rate does not obtain target EC, use the formula below to adjust.*

- Actual EC ÷ Target EC = Difference
- Current mL/Gal ÷ Difference = New Value
- New Value will achieve target EC

### Example:

$$2.5 \text{ EC} \div 3.0 \text{ EC} = 0.833$$

$$15 \div 0.833 = \mathbf{18}$$

$$25 \div 0.833 = \mathbf{30}$$

### New Usage Rate Value:

Base = **18**

Growth / Flowering = **30**