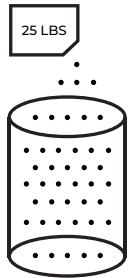


### MAKING A STOCK CONCENTRATE

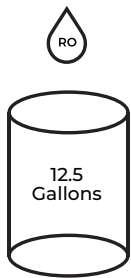
A concentrate should never be fed directly to your plants. The concentrate mix is meant for mixing a batch reservoir.

Lbs/Gal	Grams/Gal
1.0	454
2.0	908
2.5	1135



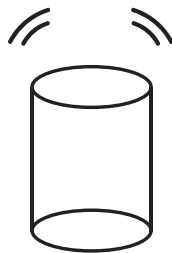
#### 1. POUR

Fill half of the empty container with water and pour entire contents of the Pro line bag (25 lbs) into container.



#### 2. FILL

Fill the container to 12.5 gallon mark with warm water (reverse osmosis preferred).



#### 3. MIX

Shake or agitate until all granules are fully dissolved.

### Nutrient Preparation Steps:

- 1 Get a measuring container that has accurate gallon marks on it.
- 2 Fill half of the stock tank with water.
- 3 Slowly pour granules into water while agitating, then mix thoroughly to solubilize.
- 4 Add additional water until it gets exactly to the 12.5 gallon mark.
- 5 Vigorously mix until all granules are solubilized.

For more information regarding the Athena program, please visit our website:

[AthenaAg.com](http://AthenaAg.com)

Dosage in mL/Gal for concentrate mixed at **1 lbs per Gallon**.

TARGET EC REFERENCE	CORE	GROW/BLOOM
0.5	6.0ml	10.0ml
1.0	12.5ml	20.8ml
1.5	18.0ml	30.1ml
2.0	25.0ml	41.7ml
2.5	30.0ml	50.0ml
2.7	33.3ml	55.9ml
3.0	36.1ml	60.1ml
3.5	42.1ml	70.1ml
4.0	48.1ml	80.2ml

### Recommended Chart:

Dosage in mL/Gal for concentrate mixed at **2 lbs per Gallon**

TARGET EC REFERENCE	CORE	GROW/BLOOM
0.5	3.0ml	5.0ml
1.0	6.3ml	10.4ml
1.5	9.0ml	15.0ml
2.0	12.5ml	20.8ml
2.5	15.0ml	25.0ml
2.7	16.7ml	27.9ml
3.0	18.0ml	30.1ml
3.5	21.0ml	35.1ml
4.0	24.0ml	40.1ml

Dosage in mL/Gal for concentrate mixed at **2.5 lbs per Gallon**

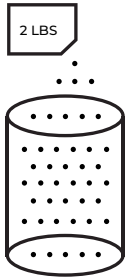
\*Disclaimer - At 2.5 lbs per Gallon, stock tank must be agitated.

TARGET EC REFERENCE	CORE	GROW/BLOOM
0.5	2.4ml	4.0ml
1.0	5.0ml	8.3ml
1.5	7.2ml	12.0ml
2.0	10.0ml	16.7ml
2.5	12.0ml	20.0ml
2.7	13.3ml	22.3ml
3.0	14.4ml	24.0ml
3.5	16.8ml	28.1ml
4.0	19.2ml	32.1ml

### MAKING A STOCK CONCENTRATE

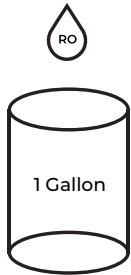
A concentrate should never be fed directly to your plants. The concentrate mix is meant for mixing a batch reservoir.

Lbs/Gal	Grams/Gal
2.0	908



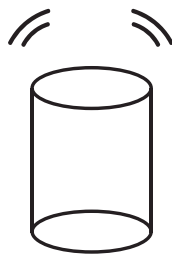
**1. POUR**

Empty entire contents of the Pro line pouch (2 lbs) into a thoroughly clean container



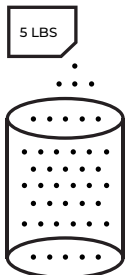
**2. FILL**

Fill the container to 1 gallon mark with warm water (reverse osmosis preferred).



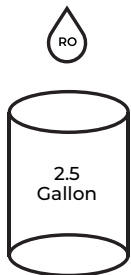
**3. MIX**

Shake or agitate until all granules are fully dissolved.



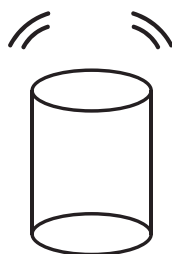
**1. POUR**

Empty entire contents of the Pro line pouch (5 lbs) into a thoroughly clean container



**2. FILL**

Fill the container to 2.5 gallon mark with warm water (reverse osmosis preferred).



**3. MIX**

Shake or agitate until all granules are fully dissolved.

### Nutrient Preparation Steps:

- 1 Get a measuring container that has accurate gallon marks on it.
- 2 Empty entire contents of the Pro Line pouch into a thoroughly clean container.
- 3 Add additional water until it gets exactly to the gallon(s) mark.
- 4 Fill the container to exactly the 1 gallon mark for 2 lb pouch or the 2.5 gallon mark for 5 lb pouch.
- 5 Vigorously mix until all granules are solubilized.

### MIXING A BATCH RESERVOIR

Use your concentrate to mix a reservoir to feed directly to plants.

#### Mix Recipe:

Use the attached chart to determine the ML per gallon of this concentrate to achieve your desired EC in your reservoir.

**For example:** If you have a 50 gallon reservoir and wish to feed 3 EC Core (50x18= 900mL) Bloom (50x30.1= 1505mL)

Add 900ML of Core concentrate and 1505mL of Bloom concentrate to 50 gallons of water.

#### Dosage in mL/Gal for concentrate mixed at 2 lbs per Gallon

TARGET EC REFERENCE	PRO CORE	PRO GROW /BLOOM
0.5	3.0ml	5.0ml
1.0	6.3ml	10.4ml
1.5	9.0ml	15.0ml
2.0	12.5ml	20.8ml
2.5	15.0ml	25.0ml
2.7	16.7ml	27.9ml
3.0	18.0ml	30.1ml
3.5	21.0ml	35.1ml
4.0	24.0ml	40.1ml

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