

### FEED PROGRAM

All amounts per 10 gallon. Mix in order listed.	Vegetative
Mothers A/B	125 - 200mL 1.3 - 2.0 EC
Amino	40 - 60mL
Humic Acid	10 - 25mL .1 EC
Kelp	10 - 25mL .1 EC
Yucca	0.25 - 0.5mL
Calcium	50 - 80mL .4 - .6 EC
Magnesium	25 - 40mL .2 - .3 EC
K-Silicate ****	10 - 40mL .1 - .2 EC
Fulltek	10 - 25mL .1 EC
Cane Molasses	10 - 25mL
Nitrogen	25 - 55mL .4 - .8 EC
Phosphorus	25 - 55mL .2 - .3 EC

### FOLIAR PROGRAM

Application Intervals*	Mothers
Fulltek	6g
Kelp	5g
Yucca	0.4g

Use KALIX Ph Up and Ph Down Super concentrate as needed for best results.

THE FOLLOWING INSTRUCTIONS ARE MEANT ONLY AS A GUIDELINE. ADJUST DOSE RATES DEPENDING ON CULTIVAR AND LEAF TISSUE LAB RESULTS.

\* EC may vary by .1 to .2. Amounts without EC check show very little to non-existent

\* Foliar mother plants three days before taking cuttings.

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#### KALIX Dosage Guidelines (25lb Bags)

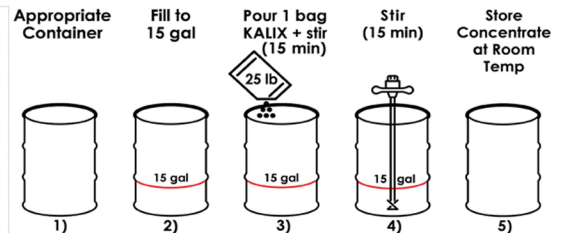
##### MAKING A STOCK CONCENTRATE

Lbs / Gal	Grams / Gal
1.5	681

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

##### Nutrient Preparation Steps:

- 1) Acquire an appropriately sized mixing container (20 gallon or larger recommended. One 25lb bag of product will make approximately 15 gallons of stock concentrate).
- 2) Fill stock concentrate mixing tank with water of total desired liquid concentrate being made. One 25lb bag makes 15 gallons of concentrate.
- 3) Slowly pour weighed product into water while agitating then continue mixing thoroughly.
- 4) Continue to mix thoroughly until all visible product goes into solution.
- 5) Store in a dark area, preferably at room temperature.



##### Base Nutrient EC Reference Table

Target Ref EC	Base	Grow / Bloom
0.5	4mL	6.5mL
1.0	8.4mL	13.9mL
1.5	12mL	20mL
2.0	16.5mL	27.8mL
2.5	20mL	33.5mL
2.7	22.5mL	37.2mL
3.0	24mL	40.1mL
3.5	28mL	46.8mL
4.0	32mL	53.5mL

If unsure whether or not the mix is in solution or suspension, always perform a glass jar test by taking a sample of the mix with a glass jar when it's believed to be in solution and let set 24-48 hrs. If the product falls to the bottom the mix is NOT in solution and must be mixed longer or by adding hot water.

\* All values calculated using Reverse Osmosis water. Agitate center of container to avoid clumping.

\*\* Not responsible for clogged filters, emitters, or irrigation lines due to improper mixing.

\*\*\* For better results use a transfer pump with a filter to a new tank and always make sure to clean tanks and lines after every feeding.

\*\*\*\* Depending on the water source. The water for K-Silicate may need to be pH'd to 11 to go into solution faster.