

### FEED PROGRAM

| All amounts per 100 gallon. Mix in order listed. | PRE PLANTING | EARLY GROW      | SPRING GROW     | SUMMER GROW     | EARLY FLOWERING  | HEAVY FLOWERING  | RIPENING       | FLUSHING       |
|--|--------------|-----------------|-----------------|-----------------|------------------|------------------|----------------|----------------|
|  | 0            | W 1-3           | W 4-5           | W 6-7           | W 8-10           | W 11-13          | W 14-16        | FINISH         |
| <b>K-Silicate ****</b>                           |              | 400mL<br>.2 EC  | 400mL<br>.2 EC  | 400mL<br>.2 EC  | 400mL<br>.2 EC   | 400mL<br>.2 EC   | 400mL<br>.2 EC |                |
| <b>Calcium</b>                                   |              | 500mL<br>.4 EC  | 800mL<br>.6 EC  | 800mL<br>.6 EC  | 500mL<br>.4 EC   | 300mL<br>.2 EC   |                |                |
| <b>Magnesium</b>                                 |              | 300mL<br>.2 EC  | 400mL<br>.3 EC  | 400mL<br>.3 EC  | 300mL<br>.2 EC   | 200mL<br>.1 EC   |                |                |
| <b>Amino</b>                                     |              | 400mL           | 600mL           | 600mL           | 600mL            | 400mL            | 300mL          |                |
| <b>PK 0-50-30</b>                                |              |                 |                 |                 | 600mL<br>.4 EC   | 800mL<br>.5 EC   | 600mL<br>.4 EC |                |
| <b>20-20-20</b>                                  |              |                 |                 | 2000mL<br>.9 EC |                  |                  |                |                |
| <b>30-10-10</b>                                  |              | 1300mL<br>.3 EC | 2000mL<br>.4 EC |                 |                  |                  |                |                |
| <b>6-30-30</b>                                   |              |                 |                 |                 | 2000mL<br>1.0 EC | 2000mL<br>1.0 EC |                |                |
| <b>Potassium</b>                                 |              |                 |                 |                 |                  | 500mL<br>.7 EC   | 400mL<br>.5 EC | 300mL<br>.3 EC |
| <b>Fulltek</b>                                   |              | 200mL<br>.1 EC  | 300mL<br>.1 EC  | 300mL<br>.1 EC  | 300mL<br>.1 EC   | 200mL<br>.1 EC   | 300mL<br>.1 EC |                |
| <b>Humic Acid</b>                                |              | 300mL<br>.1 EC  | 300mL<br>.1 EC  | 300mL<br>.1 EC  | 300mL<br>.1 EC   | 300mL<br>.1 EC   | 200mL<br>.1 EC |                |
| <b>Cane Molasses</b>                             |              | 200mL           | 200mL           | 300mL           | 300mL            | 500mL            | 500mL          | 900mL          |
| <b>Yucca</b>                                     |              | 0.5mL           | 1.25mL          | 1.25mL          | 1.25mL           | 1.25mL           | 1.25mL         | 2.5mL          |
| <b>Kelp</b>                                      |              | 200mL<br>.1 EC  | 300mL<br>.1 EC  | 300mL<br>.1 EC  | 300mL<br>.1 EC   | 200mL<br>.1 EC   | 200mL<br>.1 EC |                |
| <b>Nitrogen</b>                                  |              | 400mL<br>.5 EC  | 400mL<br>.5 EC  | 400mL<br>.5 EC  |                  |                  |                |                |
| <b>Phosphorus</b>                                |              | 400mL<br>.3 EC  |                 | 400mL<br>.3 EC  | 400mL<br>.3 EC   | 400mL<br>.3 EC   | 300mL<br>.2 EC |                |

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.

\* Foliar mother plants three days before taking cuttings.

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

### KALIX Dosage Guidelines (25lb Bags)

#### MAKING A STOCK CONCENTRATE

| Lbs / Gal | Grams / Gal |
|-----------|-------------|
| 1.5       | 681         |

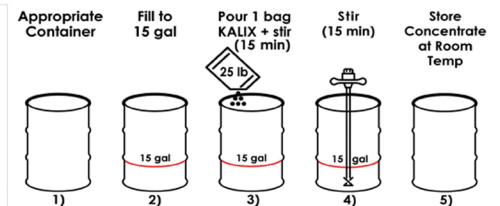
#### Base Nutrient EC Reference Table

| 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       |

#### 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.

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



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.