

OUTDOOR FEED CHART (STANDARD)



| 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 |
| Calcium | | 500mL .4 EC | 800mL .6 EC | 800mL .6 EC | 500mL .4 EC | 300mL .2 EC | | |
| Magnesium | | 300mL .2 EC | 400mL .3 EC | 400mL .3 EC | 300mL .2 EC | 200mL .1 EC | | |
| PK 0-50-30 | | | | | 600mL .4 EC | 800mL .5 EC | 600mL .4 EC | |
| 20-20-20 | | | | 2000mL .9 EC | | | | |
| 30-10-10 | | 1300mL .3 EC | 2000mL .4 EC | | | | | |
| 6-30-30 | | | | | 2000mL 1.0 EC | 2000mL 1.0 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.

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

* Foliar mother plants three days before taking cuttings.

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KALIX Dosage Guidelines (25lb Bags)

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

MAKING A STOCK CONCENTRATE

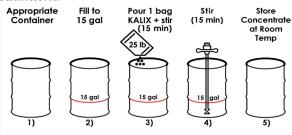
| Lbs / Gal | Grams / Gal |
|-----------|-------------|
| 1.5 | 681 |

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.
- 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.



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.