

| Dosage per 10 gallons. The following instructions are meant only as a guideline. | | | | Vegetative Production | Pre-Cutting - Foliar (See notes)* | |
|--|----------------|----------------------------|-------------------------|-----------------------|--------------------------------------|------|
| Simple Program | Expert Program | Base Nutrient | Mothers A/B | Liquid OR Soluble | 100 - 150ml OR 25 - 35g | |
| | | Uptake | Amino Acids | | 6 - 12g | |
| | | Stimulate | Humic Acid ¹ | | 2 - 4g | |
| | | Aroma | Kelp ² | | 2 - 4g | 4g |
| | | Flow | Yucca ³ | | 0.3 - 0.6g | 0.3g |
| | Structure | Calcium/Magnesium | | 5 - 10g | | |
| | Roots | Microbes Azo Blend | | 2 - 4g | | |
| | Strength | Silica ⁴ | | 3 - 6g | | |
| | Chelate | Fulltek ⁵ | | 2 - 4g | 5g | |
| | Enhance | Cane Molasses ⁶ | | 2 - 4g | | |
| As Needed | Growth | Microbes Start | | 2 - 4g | | |
| | Vigor | Nitrogen ⁷ | | 5 - 10g | | |
| | Power | Phosphorus | | 5 - 10g | | |

Product Specific Recommendations:

- Humic Acid: If using Humic Acid without Fulltek, increase dosage until it is double that of Kelp.
- Kelp: Kelp works 50% better when combined with Humic Acid/Fulltek.
- Yucca: Yucca is also an excellent wetting agent for drench and foliar sprays. Use at very low doses.
- Silica: KALIX Silica is an organic, pH neutral silica source derived from diatomite. For complete solubility, use KALIX K-Silicate.
- Fulltek: If using Fulltek without Humic Acid, increase dosage until is double that of Kelp.
- Cane Molasses: Use Cane Molasses when in soil along with Microbes Azo and Microbes Start.
- Nitrogen: Nitrogen may be used at the roots or as a foliar feed at low dose to treat Nitrogen deficiencies if they appear (general chlorosis).

Pre-Cutting Recommendations:

*One week prior to taking cuttings, foliar feed mother plants with KALIX Kelp, Fulvic Acid and Yucca per the dosage in the far right column above.

***Optimal dose rates will depend on plant variety, growing method, medium, and environment.