

# Grow Program: URC Liner Production

**The Nature's Source Difference:** Nature's Source plant foods, high efficiency nutrition formulated with oilseed extract, an all-natural and renewable source of plant nutrition. This low salt formulation enhances nutrient uptake by the plant.

## Feeding Recommendations

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**Stage 1** – Propagation (from sticking of cutting to callus)/3-10 days depending on variety. Begin by rehydrating the cutting quickly with Nature's Source 10-4-3 or 10-4-5, at a rate of 200 ppm N, a Direct inject setting of 1:600. Maintain a high humidity during this stage which will minimize stress on the cutting. If using an overhead mist system continue feeding through the first 2-3 mists each day at that same rate of 200 ppm N.

**Stage 2** – The callus begins to form and mist frequency is cut back. Increase the feed rate to 250 ppm N, a Direct Inject setting of 1:500. Recommended to apply in the first 2-3 mists daily.

### Optional:

- 1) Nature's Source Foliar Essentials can be applied starting in Stage 2 to encourage stacking of the nodes depending on the crop. This application encourages a more compact, denser growth habit with increased tone and enhanced nutrient uptake. Apply at a rate of 1 gallon per 100 gallons of water (1 oz. per gallon) every 7-10 days, to meet desired plant size.
- 2) At stage 2 you may also apply an application of Plant Probiotic. Rate: ¼ lb. per 50 gallons.

**Stage 3** – Liners with a strong root mass are getting ready for transplanting into the finished container. The feed rate remains at 250 ppm N and there is also a need to maintain good air porosity in the growing media. Do Not allow the soil to become too wet. *Nature's Source plant foods are not salt based fertilizers so there is not a need to water to leach.* The low EC nutrition will help the plants build a strong root system over the next 2-3 week period. Additional Benefit of Nature's Source plant foods in liner production is the balance of NPK and Trace elements, including CA and Mg and FE, Plus, all of the plant essential amino acids and naturally occurring organic compounds provided by its oilseed extract base.

**Optional:** A weekly sprinch of Nature's Source Foliar Essentials will enhance the benefits of the Nature's Source plant foods.

**Nature's Source Benefits:** Plugs grown with Nature's Source will be full of energy and nutrition, without salt stress for improved transplant success.

*Many Growers report more toned, compact liners with shorter growing time and enhanced root development.*

### Referenced Products

Nature's Source® Professional Plant Food 10-4-3  
Nature's Source® Nursery & Landscape Special Plant Food 10-4-5  
Nature's Source® Foliar Essentials BioNutrition™ Spray  
Nature's Source® Plant Probiotic

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