

Soludrip® Melons



Soludrip® Melons has three formulas that are specially designed to fulfill the plants' nutritional requirements in the following stages:

1 - Starter Stage

12-24-18

Application range: between 1 and 25 days after planting.

Phenology: rooting, plant vascular development. Strengthen of the plant, and readiness to start its vegetative development.

2 - Vegetative Development Stage

16-12-20

Application range: between 30 and 50 days after planting.

Phenology: plant vine elongation, high foliar biomass, early flowering formation, root stimulation and sprouting.

3 - Flowering-Production Stage

14-8-24

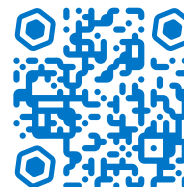
Application range: between 55 days after planting and final harvest.

Phenology: formation and filling of the fruit, female flowering, foliar area maintenance, and sugar concentration.



For better results use Just in Time® Plant Nutrient Calculator

Just in Time® is a user-friendly software tool that optimizes the application process of fertilizers and enables growers to calculate complete and balanced plant nutrition programs. Just in Time® calculates the dosage to apply in based on irrigation water volume and the frequency of the fertigation events in order to maintain the nutritional solution quality. Available for iOS and Android, Just in Time® does not need Wi-Fi connection.



Application Guide



| Specifications for Fertigation (Drip: 71" x 12"; Emitter flow: 1 L/h) | | | | | |
|--|--|----|-------|---------|-------------|
| Stage | Soludrip® Melons | h* | lb/ac | Bags/ac | # Applic.** |
| 1 | Starter 12-24-18+8S+1Mg+T.E. | 1 | 15 | 1/4 | 3 |
| 2 | Vegetative Development 16-12-20+9S+1Mg+T.E. | 2 | 39 | 5/7 | 5 |
| 3 | Flowering-Production 14-8-24+11S+2Mg+T.E. | 2 | 49 | 8/9 | 7 |

| Stock Solution (Fertigation) | | | |
|---------------------------------|--------------------------------|----------------|--|
| lb/ 100 gal | Injection Rate h* gal/h* | # Applic.** | |
| 102 | 1 15 | 3 | |
| 135 | 2 15 | 5 | |
| 167 | 2 15 | 7 | |

| Stock Solution (Sidedress) | | |
|-------------------------------|--------|----------------|
| lb/ 100 gal | gal/ac | # Applic.** |
| 153 | 53 | min. 1 |
| 202 | 53 | min. 1 |
| 251 | 53 | min. 1 |



| Specifications for Fertigation (Drip: 71" x 12"; Emitter flow: 1 L/h) | | | | | |
|--|-----------------|----|-------|---------|-------------|
| Stage | Calcium Nitrate | h* | lb/ac | Bags/ac | # Applic.** |
| 1 | 15.5-0-0+19Ca | - | - | - | - |
| 2 | | 2 | 15 | 1/4 | 5 |
| 3 | | 2 | 15 | 1/4 | 7 |

| Stock Solution (Fertigation) | | | |
|---------------------------------|--------------------------------|----------------|--|
| lb/ 100 gal | Injection Rate h* gal/h* | # Applic.** | |
| - | - - | - | |
| 150 | 2 5 | 5 | |
| 153 | 2 5 | 7 | |

| Stock Solution (Sidedress) | | |
|-------------------------------|--------|----------------|
| lb/ 100 gal | gal/ac | # Applic.** |
| - | - | - |
| 150 | 26 | min. 1 |
| 153 | 26 | min. 1 |

* Fertigation time (hours). ** Number of applications by phenological stage.

Features:

- + Low salt index (SI).
- + Nutritional solutions with optimal pH between 5 and 6.5
- + Low electrical conductivity.
- + 100% orthophosphate.
- + Complete integral nutritional solution with ten essential elements.
- + Allows to costumize your irrigation system data according to its needs.



Our technologies are based on the principle of *Balanced Nutrition*, always considering inorganic nutrients, biostimulants, high-efficiency fertilizers, and their synergistic effect.



In addition to containing macronutrients —Nitrogen, Phosphorus, and Potassium—, these formulas include a carefully selected blend of micronutrients to optimize the root system and achieve the plant's maximum potential.



Vital Fertilizers LLC
1207 Business Park Drive Suite A-B
Mission TX 78572
Phone (956) 581-7961
www.vitalfert.com

www.soludrip.com

