

PRORELEASE® CONTAINER FERTILIZERS

GROWING IN CONTAINERS JUST GOT EASIER

ProRelease WC Container Formula 15-9-12 & ProRelease CC Container Formula 15-9-12

BACKGROUND

Controlled Release Fertilizers (CRF) are granulated fertilizers designed to be applied directly to the root zone of a crop. Utilizing precision coating technologies, CRFs slowly and predictably release fertilizer over time, continuously feeding for months with only a single application! This allows for unprecedented ease of use and control for professional growers.

WHAT IT IS

General Hydroponics ProRelease Container Fertilizers are 100% coated granulated fertilizers. Designed for high-value crops like hemp and other medicinal herbs grown in containers, raised beds or fabric grow pots. Incorporate or apply at transplant and watch your crops thrive. Feeds for up to 4 months.*

**Will vary based on soil needs, planting density, temperature, crop, media, irrigation or rainfall amount and especially other nutrient usages.*



..... **TWO DIFFERENT FORMULAS. SAME EXCELLENT PERFORMANCE.**

The release of nutrients is primarily regulated by temperature. As temperatures increase, the release of nutrients will increase in concert with plant growth.

Choose the formula that's right for you based on your climate:



WARM CONDITIONS (WC)

General Hydroponics ProRelease WC Container Formula 15-9-12 continuously feed plants for up to 4 months in warm climates (WC). Releases nutrients over a 5-6 month time period at 70° F or for 3-4 months at 90° F.



COOL CONDITIONS (CC)

General Hydroponics ProRelease CC Container Formula 15-9-12 continuously feeds plants for up to 4 months in cool climates (CC) and controlled environments. Releases nutrients over a 3-4 month period at 70° F.

(See next page for more info)

BENEFITS

The Challenge: Expensive and labor-intensive methods of delivering fertilizers to your container crops can eat into profits. Growers demand an easier, simpler solution that still provides excellent performance.

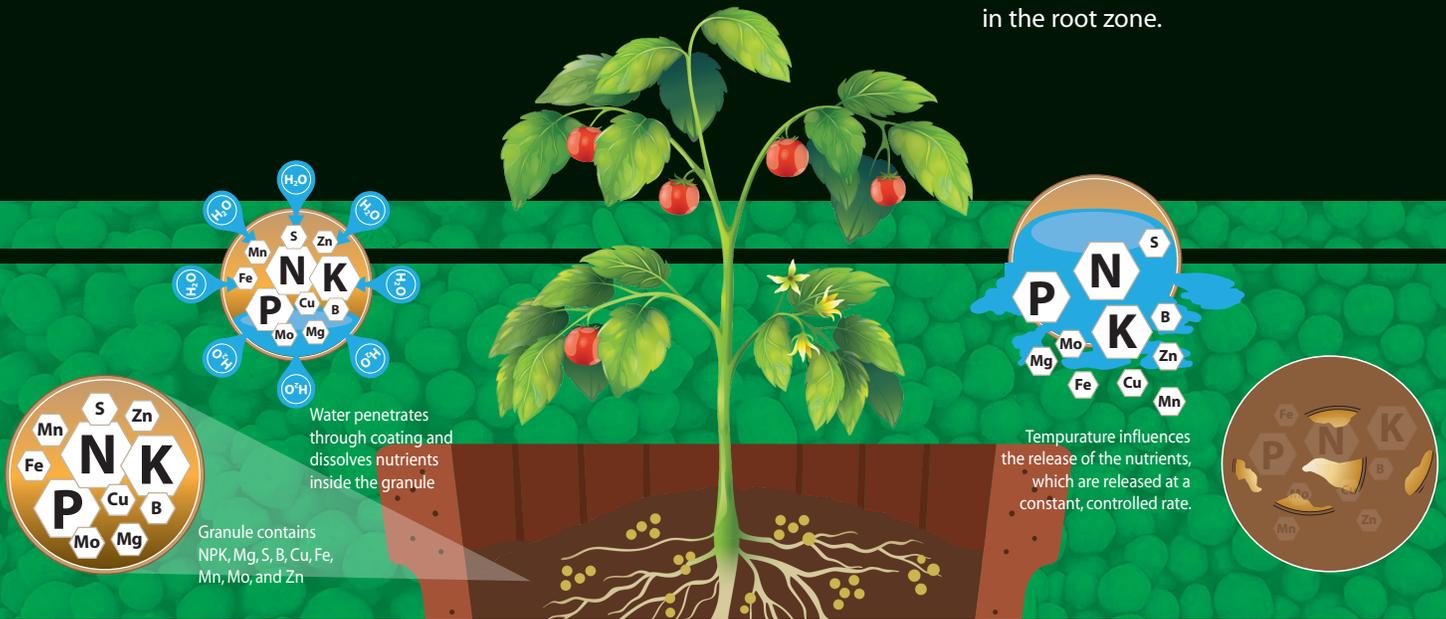
The Solution: ProRelease Container fertilizers will allow prolonged, consistent feeding from a single application. This reduces labor and application costs when compared to using water soluble or liquid fertilizers. Simply incorporate our fertilizers into your favorite growing mix or top-dress, water and you're done. The nutrients are in!

The Challenge: Applying nutrients to your crop can be inconsistent and sometimes the crop goes without nutrients for too long and it shows.

The Solution: Use a lowered rate of ProRelease as an insurance policy to ensure your crop thrives. Supplement liquid or water soluble fertilizers as needed. Best of both worlds achieved.

The Challenge: Growers know that the weather can be unforgiving. Heavy rains can wash away many conventional types of fertilizers from your crops' root zone. This can lead to polluting runoff and a waste of time, money and profits.

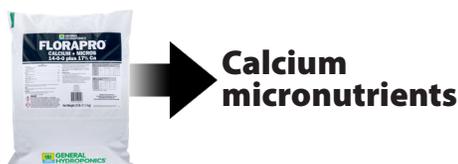
The Solution: ProRelease Container fertilizer prills will not wash away under heavy rainfall and are the best option for introducing critical plant nutrients to your crop when the growing mix is heavily drained (if used as directed). Think of ProRelease Container blends as an excellent insurance policy against the elements, ensuring consistent nutrition in the root zone.



COMBINATION FERTILIZER PROGRAMS

For growers seeking the ultimate in precision crop nutrition management, we recommend using ProRelease as the backbone of your fertility program and strategically deploying General Hydroponics FloraPro or Flora Series water soluble or liquid fertilizers throughout the growing cycle to help steer your crop.

LIQUID OR WATER SOLUBLE FERTILIZERS UNLOCK CROP STEERING



**Calcium
micronutrients**

FloraPro™ Calcium + Micro
Helps shore up nutrient deficiencies



**Nitrogen
Magnesium
Potassium**

FloraPro™ Grow
Helps encourage growth



**Phosphorus
Potassium
Sulphur**

FloraPro™ Bloom®
Helps optimize flower development

When used in conjunction with liquid or water soluble fertilizer programs, it is recommended to lower the application rate of each component by roughly half - 50% from ProRelease and 50% from liquid / water soluble fertilizers.

ProRelease Container Fertilizer Feedchart

ProRelease Container CC CRF Top-Dress Rates (grams per container)

Container Size	# Containers / Cubic Yard	Low	Medium	High
Trade 1 Gallon	300	5	12	18
Trade 2 Gallon	125	11	29	44
3 Gallon	70	19	52	78
5 Gallon	52	26	70	105
7 Gallon	35	39	104	156

ProRelease Container CC Incorporation Rates (pounds per cubic yard)

Unit of Measure	Low	Medium	High
Pounds (lb) / Cubic Yard (CY)	3	8	12
Kilograms (kg) / Cubic Meter (m ³)	1.8	4.7	7.1
Grams (g) / Liter (L)	1.8	4.7	7.1

ProRelease Container WC Top-Dress Rates (grams per container)

Container Size	# Containers / Cubic Yard	Low	Medium	High
Trade 1 Gallon	300	8	15	22
Trade 2 Gallon	125	20	36	53
3 Gallon	70	36	65	94
5 Gallon	52	48	87	127
7 Gallon	35	71	130	188

ProRelease Container WC Incorporation Rates (pounds per cubic yard)

Unit of Measure	Low	Medium	High
Pounds (lb) / Cubic Yard (CY)	5.5	10	14.5
Kilograms (kg) / Cubic Meter (m ³)	3.3	5.9	8.6
Grams (g) / Liter (L)	3.3	5.9	8.6

** The application rates listed are intended as a guideline in developing a fertilization program. It is the responsibility of the grower to determine the appropriate rate. Your rate may be higher or lower than suggested based on your unique growing conditions. Conditions may include, but are not limited to, factors such as climate, crop, soil texture, irrigation type/amount and rainfall. Contact a Hawthorne professional representative if you need further assistance.

HOW TO APPLY PRORELEASE CONTAINER FERTILIZERS

Method #1 Incorporate the CRF fertilizer into your growing media prior to planting.

- 1 Blend into growing media in a manner to ensure uniform distribution of fertilizer particles / prills. Do not over-mix as doing so could damage the fertilizer coating and also break down growing media structure.
- 2 Following incorporation, growing media should be used within two to four weeks.
- 3 Water thoroughly immediately after planting.



Method #2 Top-dress or broadcast the CRF fertilizer on the top of the growing media.

- 1 For top-dress applications, spread fertilizer evenly on the container surface.
- 2 Avoid piling fertilizer in one spot or piling fertilizer directly against plant stem.
- 3 Irrigate immediately after top-dress applications.



**PRORELEASE
CC CONTAINER FERTILIZER**
SKU #HGC00007-01
Available in 50 lb (22.68 Kg) bags



**PRORELEASE
WC CONTAINER FERTILIZER**
SKU #HGC00009-01
Available in 50 lb (22.68 Kg) bags

We are the leading innovator in the field of hydroponics for more than 40 years. We share your passion for plants — whether you're growing hemp, vegetables, fruits, herbs or other high value crops. That's how we got our start, and that's what keeps driving us forward.

Where to buy/dealer link: generalhydroponics.com/find-retailer
Additional Assistance: (888) 478-6544

For more information, or to download feedcharts, visit:
generalhydroponics.com



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