PRE-CHARGE 2-3-1

Specialty NPK Blend

APPROVED

Approved by Catherine Carroll June 16, 2023

PRE-CHARGE is a complete mix of major, secondary, micronutrients and rare minerals designed to supplement soilless substrates (artificial growing mediums). Soilless mediums such as peat moss, compost and coconut coir are generally inert in nature. PRE-CHARGE provides nutrients and supplements which are required to induce a mineral-based charge (EC) in the medium. Seedlings will respond to the right EC as if they are growing in real soil. It offers a full array of nutrient and supplements which can last in the substrate for full growing season.

Suggested Application Rates & Method

Use in accordance with the recommendations of a qualified individual or institution or according to an approved nutrient management plan. Typical application rate:

- Use 2.5-3 kg/m³

Special Notes

- Use low rate for seedling and higher rate for mature transplants.
- It can also be used with soil substrates.

Precautionary Statement

Keep out of reach of children. Wear protective gloves/protective clothing/eye protection. Wash skin thoroughly after handling. Take precautions to minimize dust during handling and practice good housekeeping to prevent dust from settling on surfaces.

Storage & Disposal

Store in its original package in a cool and dry place, away from reach of children and animals. Follow directions for fertilizer storage and disposal as per local guidelines, provincial, and federal regulations.

Organic Statement

Approved for use in organic agriculture by Pro-Cert. Products may also be restricted by usage annotations (listed on the ViviGro Certificate) and must be followed when applying the substance as part of an Organic System Plan.

Chemical Composition

Component	Typical Analysis
Total Nitrogen (N)	2%
Total Phosphoric Acid (P_2O_5)	4%
Available P_2O_5	3%
Soluble Potash (K_2O)	1%
Calcium (Ca)	9%
Sulphur (S)	0.8%
Magnesium (Mg)	0.4%
Iron (Fe)	0.2-0.5%
Copper (Cu)	5-8 ppm
Zinc (Zn)	47-59 ppm
Boron (B)	8-20 ppm
Manganese (Mn)	0.01-0.02%
Humic Acid	8.5%
Organic Matter	24%

Physical Properties

Property	Typical Value
Appearance	Grey/brown granules
Bulk Density	929.07 kg/m³ (58 lb/ft³)

Available Sizes

25kg 1000kg Bulk

This information is presented as general guidelines only. It is recommended that the user consult with an agronomist for appropriate application rate. ViviGro disclaims any responsibility or liability for any loss or damage that may occur from any reliance on, or other use of, the above information with respect to the product.

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