FLOWERING & LEGUME FOOD 2-8-4

Specialty NPK Blend

APPROVED

Approved by Catherine Carroll June 16, 2023

The blend is a specialized formulation designed exclusively for use in floriculture, root, and bulb crops as well as it can also be used in organic legume production. Use of this product results in stronger shoots and robust flowering. In bushy plants it aids in minimizing stretching of branches during growth and optimizes flowering sites. In legumes, the product is designed to provide long bursts of energy to maximize aggressive rooting and nodulation, hence it is highly recommended for legume crops like alfalfa, soybeans, edible beans, peas, lentils, clovers etc. It can also be effectively used in controlled growing environments (greenhouses/phytotrons) to restrict unwanted vegetative growth.

Suggested Application Rates & Method

Home & Garden

- Containers & Hanging Baskets: 3-5 g/gallon
- Residential Gardens: 2-3 lb/100 ft² (453-680 g/100 ft²)

Commercial Application(s)

- Row Crops: Use 150-200 lb/acre (168-224 kg/ha)
- Commercial Broadcast Application: Use 350-450 lb/acre or 392-504 kg/ha

General Mix in Soil:

- 6-7 lbs/yd³ or 3.5-4.1kg/m³

Use in accordance with the recommendations of a qualified individual or institution or according to an approved nutrient management plan. Consult a professional agriculture agronomist for long term management planning or contact our office for specific applications as needed.

Precautionary Statement

Keep out of reach of children. Wear protective gloves/protective clothing/eye protection. Don't breathe dust. Don't eat, smoke or drink while using this product. Wash skin thoroughly after handling.

Storage & Disposal

Keep out of reach of children. Wear protective gloves/protective clothing/eye protection. Wash skin thoroughly after handling.

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%
Available Phosphoric Acid (P_2O_5)	8%
Total Phosphoric Acid (P_2O_5)	11%
Soluble Potash (K_2O)	4%
Calcium (Ca)	17%
Magnesium (Mg)	0.6%
Sulphur (S)	2.9%
Iron (Fe)	0.06-0.7%
Zinc (Zn)	76-51 ppm
Manganese (Mn)	90-427 ppm
Boron (B)	9-44 ppm
Copper (Cu)	9-17 ppm
Organic Matter	24%

Physical Properties

Property	Typical Value
Appearance	Dark brown granular
Bulk Density	768-913 kg/ m³ (48-57 lb/ ft³)
Moisture	9% max

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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