GARDEN GOLD® | GARDEN FORMULA

LIQUID ORGANIC-MINERAL FERTILISER

Plant-Based + Minerals

Optimize Nutrients

High Seaweed Content

Climate-Resilient Crops

GARDEN GOLD® - Garden Formula is a plant-based, organo-mineral liquid fertiliser formulated for garden plants. It combines plant-derived raw materials with selected minerals to provide organic matter and essential plant nutrients. The plant-derived components are processed using fermentation, enzymatic hydrolysis and extraction.

PRODUCT BENEFITS

- **Low Salinity Profile:** The vinasse-free formulation has an ultra-low sodium content, helping limit salt accumulation and reduce salinity-related root or leaf stress.
- **Cold-Weather Assimilation:** Loaded with 100% plant-derived amino acids for immediate nutrient uptake and metabolic efficiency under low ambient temperatures.
- **Rhizosphere Optimization:** Complex natural sugars, trace elements, and balanced macro/micro nutrients feed and stimulate beneficial soil bacteria to enhance soil structure.
- **Root Architecture Catalyst ("Rootbooster"):** Enriched with bio-available zinc *(Zn)* and copper *(Cu)* to drive robust lateral root branching and early establishment.
- **Cellular Resilience *(SiO2)*:** Formulated with added Silicon Dioxide *(SiO2)* to reinforce cell walls, boosting mechanical tissue strength and tolerance to abiotic stress (drought, thermal shifts).
- **Ethical Production:** 100% sustainably sourced and manufactured completely free of synthetic additives, stabilizers, or chemical preservatives.

USE IN COMBINATION WITH OTHER GARDEN GOLD PRODUCTS

GARDEN GOLD - Garden Formula can be used in combination with all other Garden Gold products. The use of GARDEN GOLD - Sea-Prime Formula enhances the effect of GARDEN GOLD - Garden Formula.

PACKAGING & STORAGE

GARDEN GOLD - Garden Formula is supplied in 500 ml and 1,000 ml bottles and 5-litre jerry cans. It must be stored closed, dry, in a frost-free place and away from direct sunlight. Large or sudden temperature changes may cause crystals.

GARDEN GOLD - Garden Formula is free from preservatives and therefore long-term storage can cause instability. Shake, stir or aerate the product before use in order to restore the original structure. Shelf life: temperatures between +5°C and +25°C allow storage for at least 2 years.

HEALTH AND SAFETY

The product is not classified as hazardous according to the current safety data sheet. It is not intended for ingestion. Avoid contact with eyes, open wounds and sores, and wash hands after use. Wear suitable protective clothing when handling the concentrated product. In the event of accidental exposure or if you feel unwell, seek medical advice. KEEP OUT OF REACH OF CHILDREN.

PRODUCT LISTINGS AND ORGANIC-PRODUCTION COMPLIANCE

EU organic production: Complies with Regulations (EU) 2018/848 and (EU) 2021/1165.
FiBL Germany: Listed in the FiBL Input List for organic production in Germany.
Demeter: Evaluated against the Demeter International Standard as part of the FiBL listing assessment.

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Garden Gold® ORGANICS

Technical Data Sheet

Version - #005 / 20-07-2026

PRODUCT NAME:	**GARDEN GOLD - GARDEN FORMULA**
PRODUCT CATEGORY:	Liquid organo-mineral fertiliser — PFC 1(B)(II)
APPEARANCE:	Brownish suspension
RAW MATERIALS:	Plant-derived materials and minerals
DESCRIPTION:	**GARDEN GOLD - GARDEN FORMULA** is a vinasse-free organo-mineral, vegan fertiliser based on natural raw materials. It is in compliance with Regulation (EU) 2018/848 on organic farming. The product meets the applicable requirements of Regulation (EU) 2019/1009.

INGREDIENTS

- Corn Steep Liquor
- Betaine
- Potato Extract
- Calcium Carbonate
- Seaweed Extract
- 0.4% Fulvic Acids
- 0.5% SiO_2

DOSAGE

	Irrigation/Fertigation	Drip Irrigation	Foliar Fertilization
All Cultures	5 - 15 ml/Liter	1 - 2,5 ml/Liter	5 ml/Liter
Seedlings	5 ml/Liter	1 - 2,5 ml/Liter	5 ml/Liter

Foliar application: spray on both sides of dry leaves at least two hours before irrigation or rainfall, preferably early morning or late afternoon.

Repeat the application according to the plant's nutrient requirements, normally every 10–14 days during active growth. Larger plants and heavy-feeding crops may be fed every 7–10 days during peak growth. Reduce or suspend feeding during periods of slow growth or dormancy.

GUARANTEED ANALYSIS

Elements	Value (w/w)
N-Total	4,0 - 4,1%
$N_{(org)}$	≥ 3,9%
NH_4-N	≤ 0,1%
NO_3-N	-
P_2O_5	1,8 - 1,9%
K_2O	3,4 - 3,5%
CaO	≥ 1,5%
MgO	≥ 0,4%
Na	≤ 0,5%
SO_3 (total)	≥ 1,0%
SiO_2	≤ 0,5%
B	0,021%
Cu	0,010%
Fe	0,031%
Mn	0,010%
Mo	0,002%
Zn	0,022%

PHYSICAL PROPERTIES

Density	1,15 - 1,25 kg/L
pH	5,5 - 6,5
Total Dry Matter (w/w%)	38 - 42% w/w
Water	58 - 62% w/w
Organic Matter (OM)	20 - 25% w/w
Organic Carbon (C_{org})	14 - 16% w/w
Ash	15 -18% w/w
Total Amino Acids	≥ 15% w/w
Filtration	50 µm

ADDITIONAL INFORMATION

Always dilute the product with water according to the dosage instructions. Use the diluted or mixed solution immediately after preparation. The plant-derived raw materials may naturally cause sediment and variations in colour, consistency and analysis; shake or stir thoroughly before use. Analytical values may vary within the declared product specifications. Different application rates may be recommended for plants in poor condition; consult the Garden Gold website for product-specific guidance before adjusting the dosage.

GUARANTEE

GARDEN GOLD ORGANICS sells the product **GARDEN GOLD - GARDEN FORMULA**. Follow the instructions on the packaging closely for use. We cannot guarantee suitability of the product outside the originally intended application. **GARDEN GOLD ORGANICS** is only obliged to replace products that do not meet the specifications. Suggestions for use and information about results after use of the product - obtained from the manufacturer - can be considered reliable. As **GARDEN GOLD ORGANICS** cannot exercise any control over the conditions of use, the buyer/user is responsible for all results, including injury or damage resulting from the use of this product alone, or in combination with other materials. Keep out of reach of children. The most recent version of this data sheet is always available on www.gardengold.com.

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