



PRODUCT GUIDE



gaiagreen.com

3 DECADES & GROWING



Gaia Green Products Ltd. is devoted to producing the finest performance in quality organic fertilizer and natural soil amendments. We are dedicated to encouraging a reduction in the use of synthetic chemicals in our urban and rural environment. Our commitment to social responsibility as a company has driven us to provide our customers with safe and non-toxic products.

Since 1990, we have been distributed to garden centres, municipalities, farms, and garden markets across Canada. We inventory the largest selection of organic fertilizer in Canada to meet the specific nutrient requirements of our diverse customers. Our products are not reliant on N-P-K technology, instead, they are designed to increase biological activity, enhance natural biological processes and complete the mineral complex in the soil. This approach advances the soils ability to cycle nutrients naturally and increases plant vitality to an optimum level.



HIGH QUALITY
ORGANIC FERTILIZERS
THAT PRODUCE
AMAZING RESULTS

ALL PURPOSE FERTILIZER



4-4-4



AVAILABLE IN
500 G | 2 KG | 10 KG | 20 KG

GAIA GREEN All Purpose is an excellent fertilizer for the landscape and garden. This blend combines a wide array of ingredients and is the only all purpose fertilizer incorporating glacial rock dust and fossilized carbon complex. The ingredients in this powerful blend provide a range of essential nutrients required to build soil and produce flourishing plants.

ORGANIC: GAIA GREEN All Purpose is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Alfalfa meal, basalt rock dust, mineralized bat guano, blood meal, bone meal, feather meal, fishbone meal, humic acid, glacial rock dust, greensand, gypsum, insect frass, kelp meal, mined potassium sulphate, mineralized phosphate, oyster shell flour, rock phosphate.

Guaranteed Minimum Analysis:

Total Nitrogen (N)	4.00%
Water Insoluble Nitrogen (N)	2.00%
Water Soluble Nitrogen (N)	2.00%
Available Phosphoric Acid (P ₂ O ₅)	4.00%
Soluble Potash (K ₂ O)	4.00%

BENEFITS

- Supports crop growth, suitable for full range of soil grown crops
- Slow-release nutrients feed your plants all season long
- Improves soil properties

POWER BLOOM



2-8-4



AVAILABLE IN
500 G | 2 KG | 10 KG | 20 KG

GAIA GREEN Power Bloom was specifically formulated with optimal nutrient ratios for prolific flowering and fruiting. Power Bloom is highly effective on a range of plant types, and is recommended for use in garden landscapes.

ORGANIC: GAIA GREEN Power Bloom is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Basalt rock dust, bone meal, sterilized feather meal, fish bone meal, humic acid, glacial rock dust, greensand, gypsum, insect frass, kelp meal, mined potassium sulphate, mineralized phosphate, rock phosphate.

Guaranteed Minimum Analysis:

Total Nitrogen (N)	2.00%
Water Soluble Nitrogen (N)	1.82%
Water Insoluble Nitrogen (N)	0.18%
Available Phosphoric Acid (P ₂ O ₅)	8.00%
Soluble Potash (K ₂ O)	4.00%

BENEFITS

- Increases number of blooms, brightness of colours and length of bloom time
- Aids root development
- Improves soil structure and plant vitality

GLACIAL ROCK DUST

100% CANADIAN
GLACIAL MORAINE



AVAILABLE IN
500 G | 2 KG | 10 KG | 22.68 KG

GAIA GREEN Glacial Rock Dust is mined from a glacial moraine in Canada, and is the result of thousands of years of piedmont glacial action. As the glaciers travelled from north to south during the last ice age, they picked up rocks containing a range of minerals and trace elements. As the glacier receded at the end of the ice age, it left behind deposits of glacial moraine. These deposits are mined, dried, and screened to be used as a natural soil amendment.

ORGANIC: GAIA GREEN Glacial Rock Dust is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Glacial moraine.

Guaranteed Minimum Analysis:

Magnesium (Mg)	0.80%
Iron (Fe)	3.28%
Manganese (Mn)	0.05%

BENEFITS

- Helps re-mineralize soil
- Excellent source of magnesium, iron, and manganese
- Improves soil structure, moisture retention/drainage, cation exchange capacity

ALFALFA MEAL



3-0-3



AVAILABLE IN
1 KG | 10 KG | 20 KG

GAIA GREEN Alfalfa Meal is rich in nitrogen and potassium, and helps benefit plant growth through enhanced nutrient release and improved soil quality.

In addition to being a great fertilizer, our Alfalfa Meal is one of the best compost activators, especially when combined with Glacial Rock Dust. Alfalfa Meal will not only accelerate the composting process, but also increases nutrient content in finished compost. It can also be brewed into a tea and applied as a foliar feed.

ORGANIC: GAIA GREEN Alfalfa Meal is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Alfalfa.

Guaranteed Minimum Analysis:

Total Nitrogen (N)	3.00%
Soluble Potash (K ₂ O)	3.00%

BENEFITS

- Great organic source of nitrogen and potassium
- Readily decomposes to release nutrients, with no risk of burning
- Excellent compost activator

BLOOD MEAL



14-0-0



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Blood Meal is known for having the highest content of plant available nitrogen. Essential nutrients are released gradually over the season as the protein decomposes in the soil. GAIA GREEN Blood Meal is gentle on soil microbes and encourages humus production and good soil tilth; the key to sustainable productivity. GAIA GREEN Blood Meal flows freely and evenly and can be applied by spreader or hand.

ORGANIC: GAIA GREEN Blood Meal is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Sterilized blood.

Guaranteed Minimum Analysis:

Total Nitrogen (N) 14.0%

BENEFITS

- High nitrogen fertilizer for supporting vigorous crop growth
- Gentle on soil and soil biology
- Slow release nutrients, resulting in fewer applications required

BONE MEAL



2-16-0



AVAILABLE IN
2 KG | 10 KG | 20 KG

GAIA GREEN Bone Meal is a premium fertilizer for garden and nursery use. As a slow-release fertilizer, GAIA GREEN Bone Meal is primarily used as a source of phosphorus and calcium. High in calcium carbonate, Bone Meal behaves like lime, raising soil pH. We recommend the efficient and economic use of Bone Meal beneath garden rows and transplants to supply the immediate root zones, particularly in acid soils. Bone Meal is used widely in the planting hole when setting out bulbs and to coat the cut surfaces of seed potatoes.

ORGANIC: GAIA GREEN Alfalfa Meal is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Finely ground bovine bone.

Guaranteed Minimum Analysis:

Total Nitrogen (N)	2.0%
Available Phosphoric Acid (P ₂ O ₅)	16.0%
Calcium (Ca)	20.0%

BENEFITS

- Excellent source of slow release nitrogen, phosphorus and calcium
- Helps mitigate soil acidity
- Can be applied generously, no risk of burning or soil salination

FEATHER MEAL



13-0-0



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Feather Meal is a high nitrogen fertilizer made from sterilized, ground poultry feathers. Containing 13% nitrogen, Feather Meal is a good alternative to blood meal with a slower nitrogen release pattern due to its low solubility. GAIA GREEN Feather Meal is recommended for use on a full range of plant types in gardens, landscapes, potted plants, and on turf.

ORGANIC: GAIA GREEN Feather Meal is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Sterilized feather meal.

Guaranteed Minimum Analysis:

Total Nitrogen (N) 13.0%

BENEFITS

- Easy-to-use non-synthetic fertilizer
- An excellent source of slow-release nitrogen
- Helps increase green leaf growth through added nitrogen

FISHBONE MEAL



6-18-0



AVAILABLE IN
1 KG | 10 KG | 20 KG

Our highest available phosphorus fertilizer, **GAIA GREEN Fishbone Meal** is made from wild ocean fish and is a great choice for rooting and flower development, or as an alternative for traditional bone meal products. GAIA GREEN Fish Bone Meal is recommended for use on all flowering plants, trees, shrubs, and bulbs.

ORGANIC: GAIA GREEN Glacial Rock Dust is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Fishbone Meal.

Guaranteed Minimum Analysis:

Total Nitrogen (N)	6.0%
Available Phosphoric Acid (P ₂ O ₅)	18.0%
Calcium (Ca)	17.0%

BENEFITS

- Slow-release source of nitrogen, phosphorus, and calcium
- Helps aid root development
- Improves new shoot development in shrubs and perennials

KELP MEAL



1-0-3



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Kelp Meal is a rich source of available plant nutrients and is known to help improve soil structure and water holding capacity.

The idea of using kelp as fertilizer and soil amendment has persisted for thousands of years. Long before the advent of modern agricultural practices, farmers gathered seaweed to spread in their crops. The magic of kelp meal isn't in its NPK; rather, it's the abundant trace elements and minerals, the improvements to soil structure and water holding capacity, and the long-lasting benefits that provide the most value.

ORGANIC: GAIA GREEN Kelp Meal is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: North Atlantic Kelp (*Ascophyllum nodosum*).

Guaranteed Minimum Analysis:

Total Nitrogen (N)	1.00%
Soluble Potash (K ₂ O)	3.00%

BENEFITS

- Long lasting non-synthetic fertilizer and soil amendment
- Improves soil structure and water holding capacity
- Helps prevent nutrient leaching

SUPER FLY INSECT FRASS



AVAILABLE IN
250 G | 1 KG | 10 KG | 20 KG

GAIA GREEN Super Fly Insect Frass is a fertilizer derived from black soldier fly larvae frass. Though new to organic growers, this digested material has been playing a significant role in plant nutrition for millions of years. Super Fly is rich in essential nutrients.

With respect to energy conversion, insects have superior efficiency compared to most higher organisms. The production of these amazing insects uses pre-consumer food waste for feed, and the frass was considered a by-product. Black Soldier flies are not harmful to humans, nor are they considered a pest or vector for disease.

ORGANIC: GAIA GREEN Super Fly Insect Frass is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Insect frass.

Guaranteed Minimum Analysis:

Total Nitrogen (N)	3.00%
Water Soluble Nitrogen (N)	1.50%
Water Insoluble Nitrogen (N)	1.50%
Available Phosphoric Acid (P ₂ O ₅)	1.00%
Soluble Potash (K ₂ O)	3.00%

BENEFITS

- Excellent source of slow, but easily released plant nutrients
- A renewable resource
- Easy to handle and apply

SOLUBLE SEAWEED EXTRACT



1-1-17



AVAILABLE IN
300 G | 1.2 KG | 20 KG

GAIA GREEN Soluble Seaweed Extract is made from 100% North Atlantic Kelp (*Ascophyllum nodosum*). This species of kelp is considered to be the finest agricultural seaweed in the world. It provides a great source for readily available potassium. Solubilized kelp may be applied to the soil, but is more efficient when used for foliar application. Our seaweed extract will benefit plants at any stage of development and promotes rapid plant growth.

DERIVED FROM: North Atlantic Kelp (*Ascophyllum nodosum*).

Guaranteed Minimum Analysis:

Total Nitrogen (N)	1.00%
Water Soluble Nitrogen (N)	1.00%
Available Phosphoric Acid (P ₂ O ₅)	1.00%
Soluble Potash (K ₂ O)	17.0%

BENEFITS

- Contains nutrients to support plant growth and soil biological activity
- High in available potassium
- Excellent as a foliar spray

GREENSAND

MICRONIZED



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Greensand is a mined iron potassium silicate mineral that provides iron, potassium, magnesium, and manganese. It helps to loosen hard soils and improve the moisture and nutrient retention capacity of the soil. GAIA GREEN Greensand is in its pure, unaltered form with no synthetic additives or chemicals.

ORGANIC: GAIA GREEN Greensand is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Greensand.

Guaranteed Minimum Analysis:

Soluble Potash (K ₂ O)	0.20%
Magnesium (Mg)	0.50%
Iron (Fe)	1.00%
Manganese (Mn)	0.05%

BENEFITS

- Natural source of potassium, iron, magnesium and manganese
- Improves soil properties, alleviating compaction and improving soil moisture and nutrient retention

MINERALIZED PHOSPHATE



0-13-1



AVAILABLE IN
2 KG | 10 KG | 20 KG

High phosphorus organic fertilizers – with good plant availability – are a rarity. **GAIA GREEN Mineralized Phosphate 0-13-1** is harvested from caves in the Philippines and has a potent phosphorus rating of 13%. Mineralized Phosphate has been known since ancient times to be a highly beneficial soil amendment. It can increase the size and quantity of blooms in your flowering plants and helps improve the flavour of all vegetables.

ORGANIC: GAIA GREEN Mineralized Phosphate is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Mined biogenic phosphate.

Guaranteed Minimum Analysis:

Available Phosphoric acid (P_2O_5)	13.0%
Soluble Potash (K_2O)	1.0%

BENEFITS

- A high phosphorus fertilizer
- Great for all flowering and fruiting plants

ROCK PHOSPHATE



0-3-0



AVAILABLE IN
2 KG | 10 KG | 20 KG

Rock Phosphate is a naturally occurring mineral which is ground to a fine dust to improve the release of phosphorus for plant growth. This powdered mineral is then granulated with a natural binder called lignosulfonate. This granulating process produces a consistently sized particle which is easy to apply and is completely free of dust. After application, the pellets dissolve in water, returning the rock phosphate to a powder form. In addition to its binding qualities, Lignosulfonate naturally chelates the trace minerals in the rock phosphate, helping to improve availability.

ORGANIC: GAIA GREEN Rock Phosphate is approved for use in organic agriculture by Ecocert Canada (in compliance with Canada's *Organic Production Systems General Principles & Management Standards and Permitted Substances Lists* (CAN/CGSB 32.310-2015 and CAN/CGSB 32.311-2015)).

DERIVED FROM: Rock phosphate.

Guaranteed Minimum Analysis:

Available Phosphoric acid (P_2O_5) 3.00%

Available Phosphoric acid (P_2O_5) 27.0%

BENEFITS

- A good amendment for replenishing soil phosphorus supply in depleted soils
- It slowly releases phosphorus over many years



ALSO AVAILABLE AT GAIA GREEN



**ORGANIC K
MAG/LANGBEINITE**



POTASSIUM SULFATE



LIMESTONE FLOUR



**SULFUR ORGANIC
90%**



**ORGANIC POTASSIUM
SULFATE**



**FERTILIZING SOIL
CONDITIONER**



DIATOMACEOUS EARTH

Gaia  **Green**

P R O D U C T S L T D



@gaiagreenorganics

MADE IN CANADA

gaiagreen.com