



**PRODUCT
GUIDE**
Canada

PRODUCT COVER FEATURE 6/10: ROCK PHOSPHATE

The background is a vibrant green color with a pattern of overlapping, slightly crumpled leaf shapes, creating a natural and organic feel.

**HIGH QUALITY
ORGANIC
FERTILIZERS
THAT PRODUCE
AMAZING
RESULTS.**

THREE DECADES *and growing*

Gaia Green's roots go back to 1990, where the company was established in the small town of Grand Forks, British Columbia. Ever since then, we've been devoted to producing the finest performing quality organic fertilizer and natural soil amendments. Gaia Green products have been distributed to garden centres, municipalities, farms, and garden markets all across Canada! We offer the largest selection of organic fertilizer in the nation to meet the specific nutrient needs of our diverse and devoted customers.

All of our products are less focused on NPK technology and more centered around increasing biological activity, enhancing natural biological processes and completing the mineral complex in the soil. This approach advances the soils ability to cycle nutrients naturally and increases plant vitality to an optimum level. Our commitment to social and environmental responsibility as a company has driven us to provide our customers with feel good products, designed to help reduce the use of synthetic chemicals in our urban and rural environment.

NEW LOOK

same great quality



PRODUCT CARDS

Our packaging has been upgraded, but the formulas are still the same Gaia Green products that you know and love! Use the following colour key to find your favourite products easily.

PAGE 2

ALL PURPOSE

PAGE 3

POWER BLOOM

PAGE 4

SOLUBLE SEAWEED

PAGE 5

SUPER FLY

PAGE 6

WORM CASTINGS

PAGE 7

LIVING SOIL

PAGE 8-12

MINED MINERALS

Greensand
Mineralized Phosphate
Gypsum
Diatomaceous Earth
Oyster Shell Flour

PAGE 13-18

MEALS

Alfalfa Meal
Blood Meal
Bone Meal
Feather Meal
Fishbone Meal
Kelp Meal

PAGE 19-22

ROCK DUSTS

Glacial Rock Dust
Rock Phosphate
Rock Dust Blend
Basalt Rock Dust

ALL PURPOSE

4-4-4



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

GAIA GREEN All Purpose is an excellent product for landscape and garden use. This fertilizer combines the best of our products, creating an outstanding blend for all your fertilizing needs.

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: Feather meal, alfalfa meal, bone meal, blood meal, glacial rock dust, natural rock phosphate, fishbone meal, mineralized phosphate, potassium sulphate, insect frass, basalt rock dust, humic acid, gypsum, kelp meal, oyster shell flower, greensand.



Benefits:

- Suitable for a full range of soil grown crops.
- Slow-release nutrients feed your plants all season long.
- Improves soil properties.

Guaranteed Minimum Analysis:

| | |
|------------------------------------------------------------------|------|
| Total Nitrogen (N) | 4.0% |
| Water Soluble Nitrogen (N) | 1.0% |
| Water Insoluble Nitrogen (N) | 3.0% |
| Available Phosphoric Acid (P ₂ O ₅) | 4.0% |
| Soluble Potash (K ₂ O) | 4.0% |

POWER BLOOM

2-8-4



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

GAIA GREEN Power Bloom is a high phosphate fertilizer specifically formulated to support prolific flowering and fruiting. As a result, **GAIA GREEN Power Bloom** is our best fertilizer for root development and for all flowering and fruiting plants.

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: Bone meal, mineralized phosphate, fishbone meal, rock phosphate, mined potassium sulphate, glacial rock dust, insect frass, feather meal, basalt rock dust, kelp meal, humic acid, gypsum, greensand, blood meal.



Benefits:

- Optimizes nutrient conditions to support greater blooms, colour brightness, and bloom time.
- Aids root development.
- Improves soil structure and plant vitality.

Guaranteed Minimum Analysis:

| | |
|------------------------------------------------------------------|------|
| Total Nitrogen (N) | 2.0% |
| Water Soluble Nitrogen (N) | 0.5% |
| Water Insoluble Nitrogen (N) | 1.5% |
| Available Phosphoric Acid (P ₂ O ₅) | 8.0% |
| Soluble Potash (K ₂ O) | 4.0% |

SOLUBLE SEAWEED EXTRACT

0-0-17



AVAILABLE IN
300 G | 1.2 KG | 20 KG

GAIA GREEN Soluble Seaweed Extract is made from North Atlantic Kelp (*Ascophyllum nodosum*). This species of kelp is considered to be the finest agricultural seaweed in the world. Soluble kelp may be applied to soil, but is most effective as a foliar spray. This product can be used on home gardens, landscapes, lawn, and turf, and is suitable for a full range of plant types.

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

Benefits:

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

Guaranteed Minimum Analysis:

Soluble Potash (K₂O) 17.0%

SUPER FLY INSECT FRASS

3-1-2



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

GAIA GREEN Super Fly Insect Frass is a fertilizer derived from the excreta of black soldier fly larvae. It is a renewable resource produced from pre-consumer food waste fed to fly larvae. Though new to growers, this digested material has played a significant role in plant nutrition for millions of years. **Gaia Green Super Fly Insect Frass** is rich in essential nutrients.

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.



Benefits:

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

Guaranteed Minimum Analysis:

| | |
|------------------------------------------------------------------|------|
| Total Nitrogen (N) | 3.0% |
| Water Soluble Nitrogen (N) | 1.0% |
| Water Insoluble Nitrogen (N) | 2.0% |
| Available Phosphoric Acid (P ₂ O ₅) | 1.0% |
| Soluble Potash (K ₂ O) | 2.0% |

WORM CASTINGS 2-0-0



AVAILABLE IN
2 L | 30 L

GAIA GREEN Worm Castings are the unprocessed manure of earthworms. This all-purpose fertilizer is high in organic matter, and adds essential nutrients to the soil to encourage strong plant growth. Apply as a top dressing, side dressing, or work into soil for outstanding growth. Recommended for household plants, urban gardens, lawns, golf courses, nurseries, and greenhouses.

DERIVED FROM: Earthworm castings.

Benefits:

- Source of slow release nutrients.
- Rich in beneficial biology.
- Improves soil structure, including porosity and water holding capacity.

Guaranteed Minimum Analysis:

| | |
|--------------------|-------|
| Nitrogen (N) | 2.0% |
| Sulfur (S) | 0.14% |

LIVING SOIL

1-0-0



AVAILABLE IN
30 L

GAIA GREEN Living Soil is created through a special composting process that breaks down the fertilizer ingredients and holds them in a usable form for the plant. As a result, our Living Soil blend is ideal for those planting situations where vigorous growth is desired. This is the blend of choice for both professional and home gardeners who demand exceptional results.

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

Benefits:

- High porosity and moisture retention for an optimal root environment.
- Pre-charged with select Gaia Green fertilizers to support vigorous plant growth.
- Biologically active potting mix ensures high nutrient availability and improved nutrient uptake efficiency.

Guaranteed Minimum Analysis:

| | |
|------------------------------|------|
| Total Nitrogen (N) | 1.0% |
| Magnesium (Mg)(Actual) | 0.5% |
| Iron (Fe)(Actual) | 0.3% |

GREENSAND

0-0-0.2



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Greensand is mined from ancient, nutrient-rich deposits of oceanic sediment. Over time, this sediment developed into glauconite, which is highly effective as a slow-release fertilizer used to improve the mineral content of soil and other growing media. Greensand is gentle on plants and won't cause root burn. Greensand is recommended for use on lawns, household plants, golf courses, greenhouses, nurseries, and urban gardens, and is suitable for all plants.

DERIVED FROM: Greensand.

Benefits:

- Improves soil porosity and moisture retention.
- Buffers soil pH and re-mineralizes the soil.
- Helps condition the soil for improved plant performance.

Guaranteed Minimum Analysis:

| | |
|-----------------------------------------|-------|
| Soluble Potash (K ₂ O) | 0.2% |
| Magnesium (Mg) | 0.5% |
| Iron (Fe)(Actual) | 0.1% |
| Manganese (Mn)(Actual) | 0.05% |

MINERALIZED PHOSPHATE

0-9-0



AVAILABLE IN
2 KG | 10 KG | 20 KG

GAIA GREEN Mineralized Phosphate is mined from caves and has a potent phosphorous content. Mineralized Phosphate has been known since ancient times to be a highly beneficial natural fertilizer. It provides nutrients to encourage large and plentiful blooms in your flowering plants and to enhance the flavour of 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: Rock Phosphate.



Benefits:

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

Guaranteed Minimum Analysis:

Available Phosphoric Acid (P₂O₅)..... 9.0%

GYPSUM



AVAILABLE IN
2 KG | 20 KG

GAIA GREEN Gypsum is a mined mineral fertilizer rich in calcium and sulphur. In addition to providing key nutrients, **GAIA GREEN Gypsum** benefits soil structure, porosity, air circulation, and water infiltration and drainage. **GAIA GREEN Gypsum** is approved for use in organic agriculture for correcting calcium and sulphur deficiencies and mitigating soil salinity.

ORGANIC: **GAIA GREEN Gypsum** 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: Gypsum.



Benefits:

- An excellent source of calcium and sulphur.
- Mitigates soil salinity.
- Improves soil structure.

Guaranteed Minimum Analysis:

| | |
|--------------------|-------|
| Calcium (Ca) | 23.0% |
| Sulphur (S)..... | 18.0% |

DIATOMACEOUS EARTH



AVAILABLE IN
750 G | 4 KG | 20 KG

GAIA GREEN Diatomaceous Earth is a naturally occurring sedimentary rock, consisting of fossilized remains of diatoms - silica rich, single-celled algae. This soil amendment encourages retention of water and nutrients, while draining freely and allowing high oxygen circulation within the growing medium.

DERIVED FROM: Diatomaceous Earth.

Benefits:

- Improves nutrient and water retention of soils.
- Improves soil structure.
- Improves soil porosity for better drainage and air circulation.

OYSTER SHELL FLOUR



AVAILABLE IN
2 KG | 20 KG

GAIA GREEN Oyster Shell Flour is a renewable alternative to mined limestone with a comparable capacity for ameliorating soil acidity. A single application can improve soil properties for several years. **GAIA GREEN Oyster Shell Flour** is an excellent choice for all gardens where increased soil pH is desired.

ORGANIC: **GAIA GREEN Oyster Shell Flour** 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: Oyster Shell Flour.



Benefits:

- An excellent source of slow release calcium.
- Equivalent to limestone for ameliorating soil acidity.
- Renewable resource.

Guaranteed Minimum Analysis:

| | |
|---------------------------------------------------------|-------|
| Calcium (Ca) | 36.0% |
| Neutralizing value (CaCO ₃ equivalent) | 96.0% |
| Passes 100 mesh TYLER Screen | 30.0% |

ALFALFA MEAL

3-0-2



AVAILABLE IN
1 KG | 10 KG | 20 KG

GAIA GREEN Alfalfa Meal is a specialty fertilizer rich in nitrogen and potassium. In addition to feeding plants, alfalfa meal adds nutrients to enhance soil microbial activity, which contributes to improved moisture retention and reduced soil compaction. **GAIA GREEN Alfalfa Meal** improves the activity and overall nutritional value of compost, especially when combined with GAIA GREEN Glacial Rock Dust. This product is recommended for home gardens, landscapes, and turf, and is suitable for a full range of plant types.

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.



Benefits:

- A great organic source of nitrogen and potassium.
- Readily decomposes to release nutrients, with no risk of burning.
- An excellent compost activator.
- Alfalfa contains compounds known to benefit plant growth.

Guaranteed Minimum Analysis:

| | |
|-----------------------------------------|------|
| Total Nitrogen (N) | 3.0% |
| Soluble Potash (K ₂ O) | 2.0% |

BLOOD MEAL

14-0-0



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Blood Meal is known for having a high concentration of plant available nitrogen. This essential nutrient is released gradually over the season as the protein decomposes in the soil. **GAIA GREEN Blood Meal** is gentle on soil microbes that encourage 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: Blood Meal.



Benefits:

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

Guaranteed Minimum Analysis:

Total Nitrogen (N) 14.0%

BONE MEAL

0-14-0



AVAILABLE IN
2 KG | 10 KG | 20 KG

GAIA GREEN Bone Meal is a premium, slow-release fertilizer, recommended for bulbs, vegetables, annuals, perennials, shrubs, and lawns. **GAIA GREEN Bone Meal** is primarily used as a source of phosphorous and calcium to improve nutrient conditions for root development, vigorous green growth, and profuse blooms.

ORGANIC: **GAIA GREEN Bone 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: Bone meal.



Benefits:

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

Guaranteed Minimum Analysis:

Available Phosphoric Acid (P₂O₅) 14.0%
Calcium (Ca) 26.0%
100 Tyler Mesh Sieve (minimum) 40.0%

FEATHER MEAL

13-0-0



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Feather Meal a high nitrogen fertilizer that is made from sterilized, ground poultry feathers. It is an excellent alternative to blood meal.

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: Hydrolysed Feather Meal.



Benefits:

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

Guaranteed Minimum Analysis:

Total Nitrogen (N)..... 13.0%

FISHBONE MEAL

6-16-0



AVAILABLE IN
1.8 KG | 10 KG | 20 KG

GAIA GREEN Fishbone Meal is made from wild ocean fish and is our highest available phosphorous fertilizer. It is a great choice to support root and flower development, or as a replacement for other bone meal products. **GAIA GREEN Fishbone Meal** is excellent for all flowering plants, trees, shrubs and bulbs.

ORGANIC: **GAIA GREEN Fishbone 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: Fishbone Meal.



Benefits:

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

Guaranteed Minimum Analysis:

| | |
|------------------------------------------------------------------|-------|
| Total Nitrogen (N) | 6.0% |
| Available Phosphoric Acid (P ₂ O ₅) | 16.0% |
| Calcium (Ca) | 17.0% |

KELP MEAL

1-0-2



AVAILABLE IN
1.5 KG | 10 KG | 20 KG

GAIA GREEN Kelp Meal is a rich source of plant nutrients. Particularly high in potassium, Kelp Meal adds organic matter to the soil to enhance plant nutrition and improve resistance to abiotic stress. Due to the slow breakdown of kelp meal over time, benefits may be observed for years after the initial application. This product can be used on home gardens, landscapes, lawn, and turf, and is suitable for a full range of plant types.

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*).



Benefits:

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

Guaranteed Minimum Analysis:

Total Nitrogen (N)..... 1.0%
Soluble Potash (K₂O) 2.0%

GLACIAL ROCK DUST

100% CANADIAN
GLACIAL MORAINÉ



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

GAIA GREEN Glacial Rock Dust is sourced from mineral deposits left by moving glaciers during the last ice age. This natural fertilizer contains essential plant nutrients that support strong plant growth, and can be used on all plants in home gardens, landscapes, lawn, and turf. **GAIA GREEN Glacial Rock Dust** can also be added to compost piles to help optimize nutrient conditions for root growth and overall plant development.

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.



Benefits:

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

Guaranteed Minimum Analysis:

| | |
|------------------------------|-------|
| Magnesium (Mg) | 0.9% |
| Iron (Fe)(Actual) | 3.0% |
| Manganese (Mn)(Actual) | 0.05% |

ROCK PHOSPHATE

0-3-0



AVAILABLE IN
2 KG | 10 KG | 20 KG

GAIA GREEN Rock Phosphate is a naturally occurring mineral, which has been ground to a fine powder. Plants with high cation exchange root systems (legumes and grains) are found to be effective in obtaining phosphorous from soil and rock phosphate. This product can be very effective when used in conjunction with cover cropping.

DERIVED FROM: Natural Rock Phosphate.

Benefits:

- A natural phosphorus fertilizer that is easy to apply.
- Rock Phosphate can be a good amendment for replenishing soil phosphorus supply in depleted soils.
- Rock phosphate slowly releases phosphorus over many years.

Guaranteed Minimum Analysis:

| | |
|------------------------------------------------------------------|-------|
| Available Phosphoric Acid (P ₂ O ₅) | 3.0% |
| Calcium (Ca) | 25.0% |
| 100 Mesh TYLER Screen | 80.0% |

BASALT ROCK DUST



AVAILABLE IN
2 KG | 22.68 KG

GAIA GREEN Basalt Rock Dust is mined from an ancient volcanic deposit in British Columbia, Canada. It is a source of natural minerals and trace elements that plants need to thrive. This product can be used on farms, home gardens, landscapes and turf, for a full range of plant types.

ORGANIC: **GAIA GREEN Basalt 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: Basalt.



Benefits:

- Improves soil porosity and moisture retention.
- Buffers soil pH and re-mineralizes the soil.
- Helps condition the soil for improved plant performance.

Guaranteed Minimum Analysis:

| | |
|-------------------------------|-------|
| Calcium (Ca) | 1.7% |
| Magnesium (Mg) | 1.0% |
| Iron (Fe) (Actual) | 5.5% |
| Manganese (Mn) (Actual) | 0.08% |

ROCK DUST BLEND



AVAILABLE IN
2 KG | 20 KG

GAIA GREEN Rock Dust Blend was formulated to remineralize and condition soil for improved plant performance. This convenient blend of glacial and basalt rock dust, volcanic ash, and humic acid is easy-to-use and can benefit a full range of plant types.

DERIVED FROM: Glacial rock dust, basalt rock dust, volcanic ash, humic acid.

Benefits:

- Helps re-mineralize soil.
- Source of calcium, magnesium, and iron.
- Improves cation exchange capacity.

Guaranteed Minimum Analysis:

| | |
|--------------------------|------|
| Calcium (Ca) | 2.0% |
| Magnesium (Mg) | 0.9% |
| Iron (Fe) (Actual) | 3.5% |

COMMERCIAL *offerings*

Gaia Green proudly supplies products to a wide array of customers. Whether you're a garden centre, municipality, farm, or landscaper, we've got you covered. We offer commercial sizing in a large selection of our products to support those who need high volume orders.

Please contact us for information or advice on custom blends, bulk products or support for operations.

mail@gaiagreen.com



PRODUCT COVER FEATURE 6/10: ROCK PHOSPHATE

  @gaiagreenorganics

gaiagreen.com