

ANNE MAXX AG

POWERED BY

ANNELIDA
SOIL SOLUTIONS

BUILDING HEALTHY SOIL

MAKE THE SHIFT TO SUPERIOR SOIL MANAGEMENT TODAY



Spring 2024 Dealer Manual

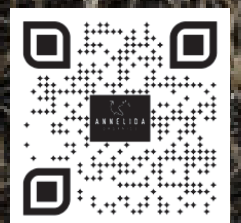


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Dear fellow Dealer,

I am third generation farmer, and my family has been farming in the Alberta Peace Region for over 70 years. I started using Annelida's AnneMaxx products in 2021 and the results I experienced on my farm were unlike anything we had observed in the past. I am seeing unproductive acres return to productivity. In the spring of 2023, I became an Annelida Dealer, and in the fall of 2023, I worked with my partner's to acquire a controlling interest in Annelida Soil Solutions Ltd.

Annelida and the Annemaxx Ag line has a significant role to play in helping farmers build better soil and making farms more profitable. Regenerative farming practices are helping farmers produce a better crop and I have experienced this firsthand in both poor and excellent weather years. In 2024 I will put down Annelida product on all of my 5,000 acres operation and this is sure to get noticed by my neighbours!

I welcome you as an Annelida Soil Solutions Dealer and believe that the Dealer model we are pursuing is a Win-Win for everyone over the long term. Our goal is to develop and support you as a Dealer and as a farmer. I am grateful to you for joining us and want to ensure that you have the information and tools to become a profitable Dealer and customer of Annelida's products.

Thank you,

Jesse Foster
President





ANNELIDA

SOIL SOLUTIONS

WHO WE ARE/OUR STRATEGY/WHAT WE DO

Annelida Organics (“Annelida”) is a market leader in the development, formulation and distribution of a wide range of sustainable agricultural solutions for soil health, utilizing vermicastings (worm castings). Our proprietary products provide the kind of benefits that growers and consumers are looking for - improving soil health; increase microbial diversity and nutrient availability; boost crop yield.

We leverage our renowned worm casting production technology to create value for our agricultural and retail customers, with added benefits to our environment and society.

We pride ourselves in offering the ag industry with sustainable and science-based tools to improve soil health - the foundation for regenerative agriculture that improves the livelihood of growers.

Annelida works across the agricultural value chain with innovative products. Key objective is to revitalize soil by helping growers and other industry stakeholders to increase adoption of soil health practices within their operations.

Annelida is passionately focused on a

biologically-based approach that will reduce the need for synthetic nutritional inputs for the grower in the long-term – resulting in higher profits and less risk for the grower, while building healthy soil for future generations.

Additionally, this long-term focus ideally positions us to provide growers with new regenerative tools that will help improve and preserve the health and fertility of their soils.

We provide growers access to novel microbial soil amendments, seed treatment and foliar application products.

Research and Development Initiatives

To further achieve our ambition, we engage in collaborations and partnerships with farmers, federal institutions, independent third-party research groups and universities to conduct and translate soil health science into tangible benefits for the grower, the environment and society.

By understanding the science through farmer level, independent third-party and in-house testing, our goal is to give our growers and customers confidence about our innovative products.

BENEFITS ANNEMAXX AG

- **PROVEN PERFORMANCE ACROSS DIFFERENT GROWING CONDITIONS**

(Grower Replicated Field Scale Plot Trials; Independent 3rd Party - Replicated Small Plot Trials; Collaboration Trials).

- **PROTECT GROWERS' INVESTMENT - MAXIMIZES SYNTHETIC FERTILIZER EFFICIENCY**

- Building long-term soil health status
- Unlocking nutrients that are tied up in the soil

- **DIFFERENTIATION IN THE MARKET - RICH NUTRITIONAL STATUS AND SIGNIFICANT BIODIVERSITY IN OUR PREMIUM PRODUCTS**

- AnneMaxx Ag products not only stimulate and feed existing soil microbiome, but also increase population and diversity of the microbial community.

- **REGENERATIVE AGRICULTURE-FOCUSED. NO RISK OF PLANT TOXICITY**

- **INCREASE SOIL ORGANIC MATTER AND CARBON CONTENT IN THE SOIL**

- **IMPROVE SOIL STRUCTURE AND WATER HOLDING CAPACITY**

- **HELP NEUTRALIZE ACIDIC AND ALKALINE SOILS**

- **BOOST ROOT GROWTH, PLANT VIGOR AND TILLERING**

- **OPTIMIZE NUTRIENT DENSITY AND IMPROVES NUTRIENT UPTAKE**

- **SERVE AS A CATALYST IN THE STUBBLE BREAKDOWN PROCESS**

- **PROMOTE BETTER GRAIN QUALITY (BUSHEL WEIGHT, PROTEIN, DENSITY, COLOUR)**



Iron Scavenging



Phosphorus Solubilizing



Plant Hormone Producing



Nitrogen Fixing



Nutrient Cycling

SEED ENHANCEMENTS

SEED
ENHANCEMENTS



SEED ENHANCEMENTS 05 - 06

AnneMaxx Rhyz 05

AnneMaxx Myco 06

ANNEMAXX RHYZ

Seed Enhancer

PRODUCT OVERVIEW

A 2-part seed enhancer treatment that once mixed and applied to the seed, gives the seed the absolute best source of diverse microbes, bacteria, humic acid, metabolites, plant hormones and growth promoting factors

FEATURES & BENEFITS

- Reduces early season yield treat by aiding to establish good stands for optimal yield potential
- Aids in disease suppression
- Promotes root, vegetative growth and higher stress tolerance
- Increases vigor, accelerates germination and enhances nutrient availability to the plant

APPLICATION

- Mix thoroughly 10L Advantage (MA1 microbial base) and 10L of NUTRABOOST into 100 or 500L of water depending on timing
- Timing: 100L if going back into the bin
500L if going straight to the seed drill
- A 20L kit (2 x 10L) treats 500-600 acres of seed (1200-1500 bushels) at an approximate rate of 2.5 - 3 bushels/acre



LEFT:
Conventional Seed Treatment

RIGHT:
ANNEMAXX RHYZ
Seed Treatment (AMS)

Crop - Wheat. Seeded May 13, 2021.
Sampled May 24, 2021 Leduc County, AB

A kit consists of two
10L jugs



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ANNEMAXX MYCO

Seed Enhancer

PRODUCT OVERVIEW

All the same benefits of RHYZ plus a Mycorrhizal bio-stimulant blend. Contains Endomycorrhizal as well as trichoderma fungi. Suppresses fusarium

Consists of 10L Advantage, 10L Myco & Mycorrhizal bio-stimulant



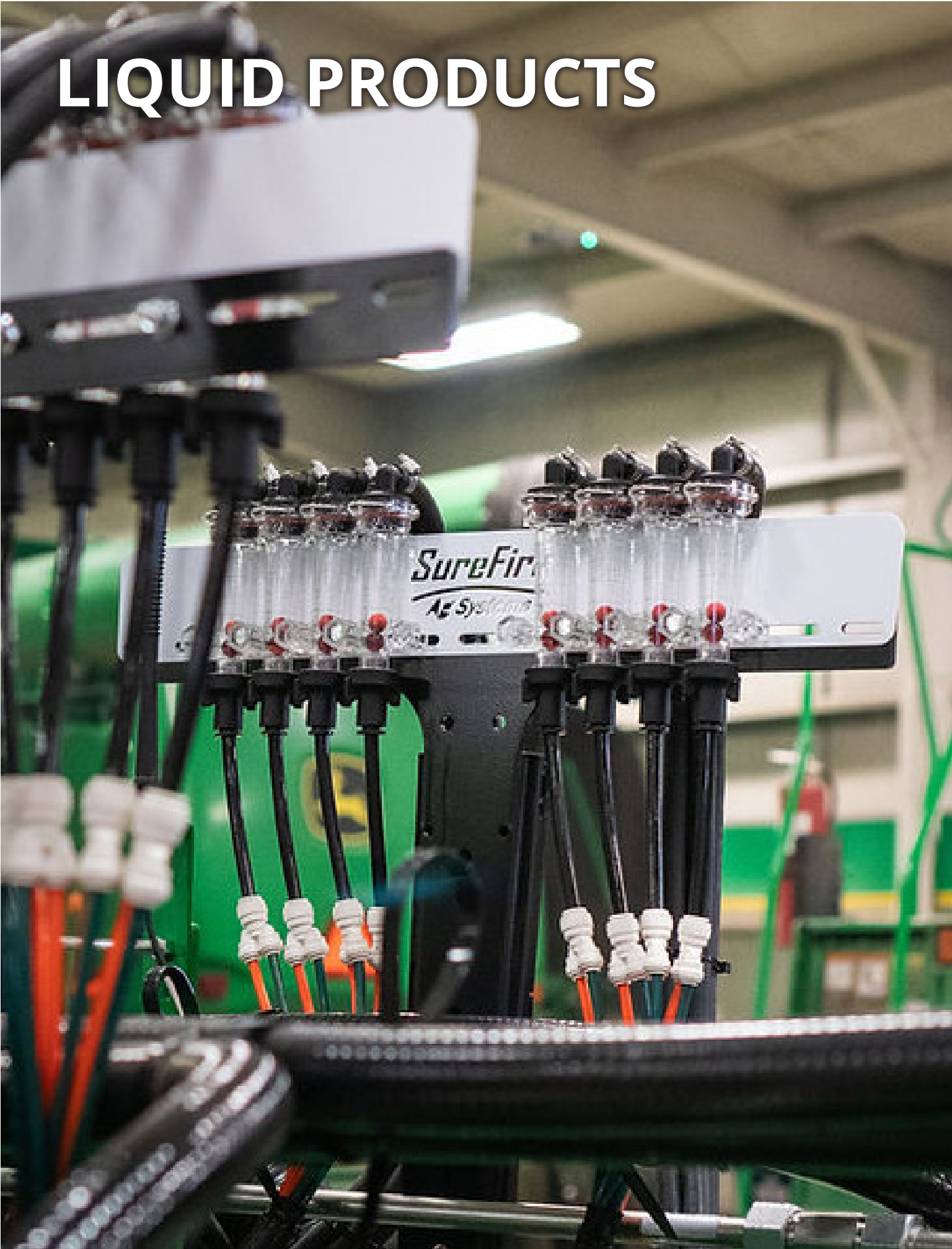
**Experimental
Trials in
2024**



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LIQUID PRODUCTS



LIQUID
PRODUCTS

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ANNEMAXX ADVANTAGE (MA1)

PRODUCT OVERVIEW

Annemaxx Advantage (MA1) is extracted from a rich vermicasting source which contains a robust and diverse concentration of beneficial microbes proven to benefit plant and soil health. It is rich in organic forms of nutrients and enhances soil structure/texture, quality, and richness of colour. It stimulates microbial activity, contributes to a reduction in disease and insect pressure, nutrient cycling in soil and improves the soil food web.

APPLICATION GUIDELINES

- Apply at pre-seed burn off, in-furrow or in-crop foliar application
- Crops - Canola, Pulse crops, Cereals, Potato and Orchard crops
- Advantage (MA1) is a registered product with CFIA and approved for use in broadacre and other crops
- Compatible with Herbicides and Fungicides for foliar applications. Mixing procedure in any order. A jar test is recommended prior to application
- This product is designed to be mixed with either one of our natural fertilizer blends Enhance (MA2) or Enhance Plus (MA3) or NutraBoost organic blend at time of application or up to 48 hours prior
- Mix Advantage (MA1) with Enhance (MA2) to a 3:1 ratio. Dilute a rate of 4-8L of combined products to 40-60 L/acre
- If Advantage (MA1) is used independently, use at a rate of 5-6 L in 40-60 L/acre

GUARANTEED ANALYSIS ACTIVE INGREDIENTS

Total Nitrogen (N)	0.12%
Phosphoric Acid (P ₂ O ₅)	0.06%
Soluble Potash (K ₂ O).....	0.08%
Calcium (Ca).....	1.00%

FEATURES & BENEFITS

- Compatible with most nutrient and fertilizer programs
- Shelf life - 9 months (minimum)
Up to 3 years if stored cool/dark
- Provides essential nutrients and microbial diversity
- Decreases the harmful effect of pests and diseases
- Improves cation exchange capacity

Available in 1000L Tote,
10L and 20L Jug



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ANNEMaxx ENHANCE (MA2)

PRODUCT OVERVIEW

Annemaxx Enhance (MA2) is a unique 4-4-4 product with amino acids, bioactive peptides, complexed phosphorous and potash that is bio available. Soil superfood focused on balanced nutrient efficiency

APPLICATION GUIDELINES

- Apply at early season in-furrow or in-crop foliar application timing
- Crops - Canola, Pulse crops, Cereals, Potato and Orchard crops
- **Enhance** is a registered product with CFIA and approved for use in broadacre and other crops
- Compatible with Herbicides and Fungicides for foliar applications. Mixing procedure in any order. A jar test is recommended prior to application
- For best results, this product is designed to be mixed with Advantage at time of application or up to 48 hrs prior

In-furrow

- Mix Advantage (MA1) with Enhance (MA2) to a 3:1 ratio. Dilute a rate of 2-3L of combined products to 40-60 L/acre

Foliar application

- Mix Advantage (MA1) with Enhance (MA2) to a 3:1 ratio. Dilute a rate of 2-3L of combined products to 40-60 L/acre

ACTIVE INGREDIENTS

Total Nitrogen (N)	4.00%
Phosphoric Acid (P ₂ O ₅)	4.00%
Soluble Potash (K ₂ O).....	4.00%

FEATURES & BENEFITS

- It contains 4% humic acid and two different types of seaweed extracts which provide cytokinins (plant growth hormones)
- Compatible with any biologically-active product
- Increases the microbial population in a target
- Excellent food source for beneficial bacteria and fungi

Available in 1000L Tote,
10L and 20L Jug



ANNEMaxxAG

ANNEMAXX ENHANCE PLUS (MA3)

PRODUCT OVERVIEW

Annemaxx Enhance Plus is a unique 3-6-3 product with amino acids, phosphoric acids, bio-peptides, amino acid complex potash and plant growth hormones. Soil superfood focusing on Phos efficiency

APPLICATION GUIDELINES

- Apply at early season in-furrow or in-crop foliar application timing
- Crops - Canola, Pulse crops, Cereals, Potato and Orchard crops
- Enhance Plus is a registered product with CFIA and approved for use in broadacre and other crops
- Compatible with Herbicides and Fungicides for foliar applications. Mixing procedure in any order. A jar test is recommended prior to application
- For best results, this product is designed to be mixed with Advantage at time of application or up to 48 hrs prior

In-furrow

- Mix Advantage (MA1) with Enhance Plus to a 3:1 ratio. Dilute a rate of 2-3L of combined products to 40-60 L/acre

Foliar application

- Mix Advantage (MA1) with Enhance Plus to a 3:1 ratio. Dilute a rate of 2-3L of combined products to 40-60 L/acre

ACTIVE INGREDIENTS

Total Nitrogen (N)	3.00%
Phosphoric Acid (P ₂ O ₅)	6.00%
Soluble Potash (K ₂ O).....	3.00%

FEATURES & BENEFITS

- Contains activated compounds that help to reduce crop stress
- Specially formulated to promote increased flowering and budding
- Activates phosphorus-solubilizing bacteria from Advantage (Premium Microbial Blend), enabling phosphate absorption into plants
- Excellent food source for beneficial bacteria and fungi

Available in 1000L Tote,
10L and 20L Jug



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ANNEMAXX ENHANCE ORGANIC

PRODUCT OVERVIEW

Annem maxx Enhance Organic is a unique 3-0-0 product with amino acids, bioactive peptides, complexed phosphorous and potash that is bio available

APPLICATION GUIDELINES

- Apply at early season in-furrow or in-crop foliar application timing
- Crops - Canola, Pulse crops, Cereals, Potato and Orchard crops
- Enhance Organic is a registered product with CFIA and approved for use in broadacre and other crops
- Compatible with Herbicides and Fungicides for foliar applications. Mixing procedure in any order. A jar test is recommended prior to application
- For best results, this product is designed to be mixed with Advantage at time of application or up to 48 hrs prior

In-furrow

- Mix Advantage (MA1) with Enhance Organic to a 3:1 ratio. Dilute a rate of 2-3L of combined products to 40-60 L/acre

Foliar application

- Mix Advantage (MA1) with Enhance Organic to a 3:1 ratio. Dilute a rate of 2-3L of combined products to 40-60 L/acre

ACTIVE INGREDIENTS

Total Nitrogen (N)	3.00%
Phosphoric Acid (P ₂ O ₅)	0.00%
Soluble Potash (K ₂ O).....	0.00%

FEATURES & BENEFITS

- It contains 4% humic acid and two different types of seaweed extracts which provide cytokinins (plant growth hormones)
- Compatible with any biologically-active product
- Increases the microbial population in a target
- Excellent food source for beneficial bacteria and fungi

Available in 1000L Tote,
10L and 20L Jug



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ANNEMAXX NUTRABOOST

PRODUCT OVERVIEW - Seed Treatment & Foliar

NutraBoost is an innovative product exhibiting bio-stimulant properties in plants. Used as seed treatment and foliar application to aid plant growth and stress tolerance. It is a proprietary mix of concentrated humic acids and kelp extracts modified to enhance better absorption and increase plant bio-stimulant activities.

GUARANTEED ANALYSIS

ACTIVE INGREDIENTS

Humic Acid	15.00%
Kelp Extract	1.00%
Fulvic Acid	0.50%

FEATURES & BENEFITS

- Contains bio-activated peptides, humic acids, vitamins and growth-promoting factors
- Increases seed vigor and germination
- Promotes vegetative and root growth
- Increases tolerance to crop stress
- Increases yield and nutrient availability
- Approved for organic use

RECOMMENDED FOLIAR APPLICATION RATES

Application Rate (ml/acre)

Equal parts of Advantage and NutraBoost in 30L-40L of water per acre

10L of NutraBoost treats 500-600 acres of seed

Crop	Application Rate	Instructions
Field crops: Cereals, Pulses, Canola, Corn, Soybeans etc.	300 - 400 ml <i>Combined products</i>	At 5-6 leaf stage or herbicide stage and/or at fungicide timing
Pasture and Hay crops	300 - 400 ml <i>Combined products</i>	Spray every 2 weeks after emergence and after grazing or cutting
Orchards, Vineyard, Potatoes, Vegetables	300 - 400 ml <i>Combined products</i>	Spray every 2 weeks after emergence and every 2 weeks until final harvest

Available in 1000L Tote, 10L and 20L Jug



ANNEMaxx FOLIAR PLUS

FOILIAR PLUS 9-5-3

GUARANTEED ANALYSIS

Available Nitrogen (N)9%

Available Phosphate (P₂O₅).....5%

Available Potash (K₂O)3%

Derived from urea, phosphoric acid and potassium hydroxide

ALSO CONTAINS NONPLANT FOOD INGREDIENT

Humic Acids..... 7.5% (Colorimetric Method)

**Experimental
Trials in
2024**

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT

GENERAL INFORMATION

Foiliar Plus 9-5-3 is a liquid fertilizer enriched with soil organic matters and humic substances. This product can be applied to soil or plants.

PURPOSE OF PRODUCT

Its primary use is to improve soil structure and to aid nutrient uptake.

RECOMMENDED APPLICATION RATES

Agriculture:

Seed Treatment Sprays or Drips:

3% by volume of solution (water and/or nutrients)

Transplant Water:

1% by volume of solution (water and/or nutrients)

In Furrow, Side Band, or Broadcast:

1 - 2.5 USG/acre (10 – 25L/ha) mixed with (water and/or nutrients) applied to soil during seeding or applied to seedlings.

Broadcast:

3% by volume of solution (water and/or nutrients) foliar applied to plants up to 15% during flowering.

Horticulture:

Trees, Shrubs, Bedding Plants, or Established Ornamentals:

1% by volume of solution (water and/or nutrients) or 3 tablespoons /USG (¾ tablespoon /L) applied when watering.

Turf:

Broadcast:

1 - 2.5 USG/acre (10 - 25 L/ha) mixed with water and/or nutrients, applied to soil during seeding or applied to seedlings.

3% by volume of solution (water and/or nutrients) foliar applied throughout growing season.



MIX WELL PRIOR TO USE

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OPTIMIZE PLUS

By Cropland Solutions Inc.

PRODUCT FEATURE

Conditions and acidifies spray water to assist chemical stress in crops and increase foliar uptake

WHAT IS IT?

Patented spray water conditioner. Acidifies spray water and reduces water hardness. Reduces chemical interactions with dissolved salts in spray water. Color indication system changes color to yellow at neutral pH and pink when pH is below 5.0. This enables to choose the right pH for your spray.

DOSAGE

2-4 litres per 1000 gallons of water depending on the spray water pH and hardness

GUARANTEED ANALYSIS

Total Nitrogen	3.00%
Available Phosphoric Acid.....	10.00%
Polyethylene glycoltert-octyl phenyl ether	7.00%
Amino acids	24.00%

Contains hydrolyzed soy.

WHERE TO USE?

Used in foliar spray applications during Pre-burn, in-crop, and desiccation



Available in 10L, 20L,
and 1000L Tote

ANNEMaxxAG

OPTIMIZE MICRO

By Cropland Solutions Inc.

PRODUCT FEATURE

Conditions and acidifies spray water to assist chemical stress in crops and increase foliar uptake

WHAT IS IT?

Patented spray water conditioner. Acidifies spray water and reduces water hardness. Reduces chemical interactions with dissolved salts in spray water. Color indication system changes color to yellow at neutral pH and pink when pH is below 5.0. This enables to choose the right pH for your spray water.

DOSAGE

2-4 litres per 1000 gallons of water depending on the spray water pH and hardness

GUARANTEED ANALYSIS

Total Nitrogen	3.00%
Available Phosphoric Acid.....	7.00%
Sulphur.....	5.00%
Zinc	1.00%
Manganese	1.00%
Boron.....	1.00%
Polyethylene glycoltert-octyl phenyl ether	5.00%
Amino acids	24.00%

Contains hydrolyzed soy.

WHERE TO USE?

Recommended for all foliar applications mainly during in-crop spray applications



Available in 10L, 20L,
and 1000L Tote

ANNEMaxxAG

PREMIER GRO

10-10-10

By Cropland
Solutions Inc.

PRODUCT FEATURE

Unique blend of liquid NPK with 100% plant available nutrients with bio-stimulant peptides fortified with phosphorus and potassium

WHAT IS IT?

Liquid fertilizer with hydrolyzed proteins from plant sources, phosphorus and potassium in 100% plant available form.

GUARANTEED ANALYSIS

Total Nitrogen (N)	10.00%
Available Phosphoric Acid (P ₂ O ₅)....	10.00%
Total Potassium (K ₂ O).....	10.00%

WHERE TO USE?

Cereals, pulses, legumes, oil seeds and most crops

DOSAGE

For Agricultural crops use 1-2 liter of Premier Gro per acre with 7-10 gallons of water.

For Garden and vegetable crops use 20-40 ml of Premier Gro in 1 liter of water and spray on the foliage once every one to two weeks

WHEN TO USE IT?

At herbicide and fungicide stages in most agricultural crops

Cereals: 7-8 leaf stage and flag leaf

Canola: cabbage stage and early flowering

Legumes: 8-10 leaf stage and 20% flowering



Available in 10L, 20L,
and 1000L Tote

ANNEMaxx**AG**

ANNEMAXX GRANULARS



GRANULARS

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ANNEMAXX BIOME (AMGR)

PRODUCT OVERVIEW

Annemaxx Biome (AMGR) is a very diverse special blend of concentrated microbes, bacteria, fungi and organic matter that complements any fertilizer program.

FEATURES & BENEFITS

- Unmatched beneficial biodiversity
- Contains growth hormones and microbes that work in symbiosis with plants and their root system
- Improves seed germination. Enhances seedling growth and development
- Enhances water retention in soil. Aids in reducing erosion
- Reduces weed growth. Inhibits root disease development and pest incidence as soil gets healthier and biologically balanced
- Increases crop yield and fruit set

APPLICATION

- Apply at early season in-furrow or in-crop foliar application timing
- Crops - Canola, Pulse crops, Cereals, Potato and Orchard crops
- **Annemaxx Biome (AMGR)** is a registered product with CFIA and approved for use in broadacre and other crops
- Application rates: 15-50 lbs per acre (Note: Reduce inputs accordingly)

ACTIVE INGREDIENTS

Premium worm castings
Humates
Calcium
T Carbon (Biochar)



LEFT HEAD:
Fertilizer rate reduced by 25% in combination with 25 lbs/acre AMGR

RIGHT HEAD:
Full fertilizer program (No AMGR)

Available in 25Kg or,
1 Tonne bags



ANNEMAXX GROW Cereal

PRODUCT OVERVIEW

Annemaxx Grow is an organic granular nitrogen product. It is a slow-release fertilizer which releases nitrogen for 3-4 weeks after application. It is derived from hydrolyzed proteins and amino acids which work synergistically. It compliments all AnneMaxx AG products.

FEATURES & BENEFITS

- Slow release and easy flow granules
Approved for organic use
- Contains no salt and adds organic matter to the soil
- Contains organic and inorganic acids in a pH buffer matrix
- Releases nitrogen throughout the growing season. Unlike manures and synthetic fertilizers, it is less prone to leach or volatilize
- Improves soil biology around the rhizosphere
- Increases vegetative growth and yield

APPLICATION GUIDELINES

Ideally side-banded along seed row. Can also be broadcast with spreader or float

- Application rates: 20-50 lbs per acre

GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N) 6.00%
Total Phosphorous (P₂O₅)..... 3.00%
Total Potash (K₂O)..... 2.00%
*AnneMaxx Worm Castings



**Experimental
Trials in
2024**

Available in 25Kg or,
1 Tonne bags



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ANNEMAXX BLOOM

Pulse / Canola

PRODUCT OVERVIEW

Annemaxx Bloom is an organic 4-9-1 fertilizer that provides nitrogen with a higher phosphorous count and potash. It is derived from Rock Phosphate and mixed for faster release of nutrients in their available form to plants.

FEATURES & BENEFITS

- Fast acting easy flow granules that are approved for organic use
- Adds organic matter to the soil and less prone to leaching
- Contains no salt
- Readily available organic Nitrogen, Phosphorous and Potassium
- Improves root growth and nutrient uptake
- Increases flower retention and branching
- Maintains plant energy and improves yield

APPLICATION GUIDELINES

Ideally side-banded along seed row. Can also be broadcast with spreader or float

- Application rates: 20-50 lbs per acre

GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N)	4.00%
Total Phosphorous (P ₂ O ₅).....	9.00%
Total Potash (K ₂ O).....	1.00%

*AnneMaxx Work Castings



Available in 25Kg or, 1 Tonne bags



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ANNEMAXX ELITE GRAN

9-4-0

PRODUCT OVERVIEW

Elite Gran 9-4-0 is an organic granular nitrogen product. It is a slow-release fertilizer which releases nitrogen for 3-4 weeks after application. It is derived from hydrolyzed proteins and amino acids which work synergistically. It complements all AnneMaxx AG products.

GUARANTEED MINIMUM ANALYSIS

Total Nitrogen9.00%
Total Phosphorous (P₂O₅)4.00%

APPLICATION GUIDELINES

Ideally side-banded along seed row. Can also be broadcast with spreader or float

FEATURES & BENEFITS

- Slow release and easy flow granules. Approved for organic use
- Contains no salt and adds organic matter to the soil.
- Contains organic and inorganic acids in a pH buffer matrix.
- Releases nitrogen throughout the growing season. Unlike manures and synthetic fertilizers, it is less prone to leach or volatilize.
- Improves soil biology around the rhizosphere
- Increases vegetative growth and yield



ANNEMAXX ELITE PHOS

0-17-0-9S

PRODUCT OVERVIEW

Elite PhoS 0-17-0-9S is an organic fertilizer that provides Phosphorous and Sulphur. It is derived from Rock Phosphate mixed with Sulphur, and active compost for faster release of nutrients in their available form to plants.

GUARANTEED MINIMUM ANALYSIS

Total Sulphur (S)	9.00%
Total Phosphorous (P2O5).....	17.00%
Total insoluble phosphorous	10.00%

APPLICATION GUIDELINES

Ideally side-banded along seed row. Can also be broadcast with spreader or float

FEATURES & BENEFITS

- Fast acting easy flow granules that are approved for organic use
- Adds organic matter to the soil and less prone to leaching
- Contains no salt
- Readily available organic Phosphorus and Sulphur
- Improves root growth and nutrient uptake
- Increases flower retention and branching
- Maintains plant energy and improves yield



HUMATES



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ANNEMAXX LIQUID H

LIQUID H - LIQUIFIED CARBON

GUARANTEED ANALYSIS

Available Potassium (K₂O).....1.8%

Derived from potassium hydroxide

ALSO CONTAINS NONPLANT FOOD INGREDIENTS

Humic Acids..... 12% (A & L Colorimetric Method)

6% CDFA Method

7% ISO 19822:2018 Method

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT

GENERAL INFORMATION

Liquid H – LIQUIFIED CARBON is a liquid product derived from natural material rich in soil organic matters and humic substances. This product can be applied to soil or plants. Soil organic matters and humic substances have been proven to improve the quality of soil, growth of soil organisms, and uptakes of nutrients by plants.

PURPOSE OF PRODUCT

Its primary use is to improve soil structure and to aid nutrient uptake.

RECOMMENDED APPLICATION RATES

Agriculture:

Seed Treatment Sprays or Drips:

3% by volume of solution (water and/or nutrients)

Transplant Water:

1% by volume of solution (water and/or nutrients)

In Furrow, Side Band, or Broadcast:

1 - 2.5 USG/acre (10 - 25 L/Ha) mixed with (water and/or nutrients) applied to soil during seeding or applied to seedlings.

Broadcast:

3% by volume of solution (water and/or nutrients) foliar applied to plants up to 15% during flowering.

Horticulture:

Trees, Shrubs, Bedding Plants, or Established Ornamentals

1% by volume of solution (water and/or nutrients) or 3 tablespoon /USG (¾ tablespoon /L) applied when watering.

Turf:

Broadcast:

1 - 2.5 USG/acre (10 - 25 L/ha) mixed with water and/or nutrients, applied to soil during seeding or applied to seedlings.

3% by volume of solution (water and/or nutrients) foliar applied throughout growing season.



**Available in 10L, 20L,
and 1000L Tote**

CAUTION:
HARMFUL IF SWALLOWED
KEEP AWAY OF REACH OF CHILDREN

Net Contents: 2.6 US Gal (10 L)
264 US Gal (1,000 L)
55 US Gal (210 L)

Density: 8.7 lbs./US Gallon (1.05 kg/L)

LIQUID H – LIQUIFIED CARBON is manufactured at 12% Humic therefore product settlement will occur.

MIX WELL PRIOR TO USE

If unfamiliar with its use be sure to check with your dealer or representative for compatibility or perform a Jar test prior to field application.



ANNEMAXX AG

ANNEMAXX LIQUID F

LIQUID F - LIQUIFIED FULVIC

GUARANTEED ANALYSIS

Available Potassium (K₂O).....0.5%
Derived from potassium hydroxide

ALSO CONTAINS NONPLANT FOOD INGREDIENTS

Fulvic Acids..... 1% (A & L Colorimetric Method)
0.8% ISO 19822:2018 Method

Humic Acids..... 1% CDFA Method

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT

GENERAL INFORMATION

LIQUID F - LIQUIFIED FULVIC is a liquid product derived from natural material rich in soil organic matters and humic substances. This product is best applied to plants. Soil organic matters and humic substances have been proven to improve the quality of soil, growth or soil organisms. and the uptakes of nutrients by plants.

PURPOSE OF PRODUCT

Its primary use is to improve nutrient uptake by leaves.

RECOMMENDED APPLICATION RATES

Agriculture:

Seed Treatment Sprays or Drips and Transplant

Water:

2 to 8 ounces per 100USG solution (water and/or nutrients)

OR

15 to 60 ml per 100 L solution (water and/or nutrients)

Broadcast (Foliar)

2 to 8 ounces per 100 USG solution (water and/or nutrients)

OR

15 to 60 ml per 100 L solution (water and/or nutrients) foliar applied to plants up to 15% flowering

OR

1 TO 3 ounces per acre

OR

70 TO 210 ml per hectare

Turf:

Broadcast (Foliar):

2 to 8 ounces per 100USG solution (water and/or nutrients)

OR

15 to 60 ml per 100 L solution (water and/or nutrients) foliar applied throughout growing season

OR

1 to 3 ounces per acre

OR

70 – 210 ml per hectare



**Available in 10L, 20L,
and 1000L Tote**

Density: 8.4 lbs/US Gallon (1.01 kg/L)

Net Contents 2.64 US Gal (10 L)

55 US Gal (210 L)

264 US Gal (1,000 L)



ANNEMAXX AG

RESIDUE MANAGEMENT



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ANNEMAXX ZYME

RESIDUE MANAGEMENT & SOIL ENHANCEMENT

PRODUCT OVERVIEW

Annemaxx Zyme is a potent combination of worm casting extract, amino acids, humic acids and other essential nutrients. Loaded with beneficial mycellial, fungal, and bacterial stimulants and food sources that accelerate organic matter decomposition

APPLICATION GUIDELINES

- Apply after harvest
- Spray apply 3 litres Advantage (MA1) with 1 litre Annemaxx Zyme in 10-15 gallons of water/acre

3-2-2
(guaranteed analysis)

FEATURES & BENEFITS

- Sustainable farming
- Enhances soil fertility, creates visible organic matter
- Increases nutrient efficiency and yield
- Enhanced stress tolerance
- Easy application
- Reliable, proven results



ANNEMAXX AG

APPLICATION & MIXING GUIDE



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APPLICATION GUIDE

#1. If treating with seed treater and being stored in a bin

10L Advantage + 10L Nutraboost mixed into 100L water = 120L
Can treat 1200-1500 bushels at a rate of 100ml to 150ml per bushel

#2. If treating with seed treater and filling directly into drill

10L of Advantage + 10L Nutraboost mixed in 500L of water
and apply at a rate of 500 to 600ml per bushel

- pump sprayer application

add 1/2L of Advantage + 1/2L Nutraboost to 5 gallon pail and top up water mix
thoroughly

Pour mixture into pump sprayer and apply to seed as it pours into auger feeding
the drill.

Feel the seed and adjust feed rate until damp

5 gallons pre mix should cover approximately 100 - 150 bushels pending on seed
type and application rate



ANNEMAXX LIQUID PRODUCTS:

AnneMaxx Rhyz and SeedMaxx Myco
AnneMaxx Advantage (MA1)
AnneMaxx Enhance (MA2)
AnneMaxx Enhance Plus (MA3)
AnneMaxx Foliar Plus

AnneMaxx NutraBoost
AnneMaxx Zyme
AnneMaxx Humates
AnneMaxx Liquid H
AnneMaxx Liquid F

Storage:

- All Liquid Products should be stored in a cool dark location.
- Rhyz, Myco, Advantage (MA1), and Zyme in particular are light sensitive and should only be exposed to sunlight as long as it takes to mix them and go to the field.
- No AnneMaxx Liquid products should be subjected to freezing temperatures.

Compatibility:

- AnneMaxx Liquid products are compatible with liquid fertilizers (10-34-0, 28-0-0, 32-0-0, 6-22-2)
- AnneMaxx liquid products are compatible with MOST herbicide, fungicide, and pesticide tankmixes.
- It is advised to do always do a jar-test ahead of time.
- The AnneMaxx Humate products should be checked on with your RSM, as Global Humic label is updated.

Mixing instructions:

- When tankmixing, always start with water in the tank (at least 100gal).
- Add the other components, and while circulating or agitating, add the AnneMaxx Liquid products while topping up with water.
- Water is an excellent buffer, and is always your friend.
- When spraying we are after coverage, so our products need a minimum of 10gal/acre water rate, and of course 15gal is better.
- Apply mixed products immediately. Once tank-mixed the organics are “activated” in a food source, and need to be sprayed out or applied.
- Under extenuating circumstances, if sat for longer than 6-8 hours, add water and increase circulation/agitation until applied.

Application Rates:

Special Considerations:

DO NOT FREEZE
SHAKE WELL or AGITATE BEFORE USAGE

ANNEMAXX GRANULAR PRODUCTS:

AnneMaxx Biome (AMGR)

AnneMaxx Grow

AnneMaxx Bloom

Storage:

- Treat these as you would your traditional granular fertilizers.
- All AnneMaxx products are high organic matter content and therefore are hydrophilic, meaning they will attract moisture.
- They should be stored in dry conditions.

Compatibility:

- AnneMaxx products can be blended and applied with any conventional prilled or granulated NPKS fertilizers.

Application Rates:

- Dependent on soil conditions and what the end goal is, rates from 15-50 lbs are recommended and are safe.
- There is ZERO risk of salt burn or seed burn from AnneMaxx Granular products.

Special Considerations:

- The products are granulated with a high percentage of calcium and humic acid, and are HydroPhilic.
- AnneMaxx products will absorb moisture and go into solution quite quickly.
- They will absorb and hold up to 10x their own weight in water, take this into consideration if irrigating or watering.

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ANNELIDA SOIL SOLUTIONS MA1 SDS



ANNELIDA SOIL SOLUTIONS

Nisku, AB

Nov 5, 2021

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SAFETY DATA SHEET

Identification

Product Identification ANNELIDA ORGANICS MA1 (AnneMaxx Advantage)

Formula Vermicompost
Water

Product Use Soil Drench Amendment
Foliar Spray

Company Identification Annelida Organics
904-9th Ave
Nisku, Alberta
T9E 1C8
Canada
Tel. 1-780-777-9676

Hazard Identification

GHS Classification Not Classified

GHS Symbol None

GHS Signal Word None

Hazard Statements N/A

Precautionary Statement N/A

OSHA Hazards This material is not considered hazardous by OSHA.

Other Hazards

Exposure to the aerosol produced by this material during use as a spray may cause eye, nose, and throat irritation.

Composition

Common Name

Vermicompost Liquid Extract

Chemical Name

Vermicompost

CAS No.

None

First Aid Measures

Inhalation

Symptoms – None known.

Move person to well ventilated area with fresh air.

Skin

Symptoms – None known.

Rinse affected area. Wash with soap and water.

Eyes

Symptoms – None known.

Rinse eyes immediately. Flush with water for 15 minutes. Eye protection recommended for continuous exposure situations.

Ingestion

Symptoms – None known.

Rinse mouth. Get medical attention if needed.

Fire Fighting Measures

Suitable Extinguishing Media

Water based – inflammable.

Unsuitable Extinguishing Method

None required.

Fire Fighter's Special Protective Equipment

None Required.

Accidental Release Measures

Environmental Precautions	Avoid uncontrolled runoff. Prevent product from entering storm drains.
Personal Precautions	Avoid aerosol inhalation. Do not ingest. Wash hands thoroughly before and after use. Use appropriate PPE.
Spill Containment and Clean Up	Clean up with soap and water. Allow to dry.

Handling and Storage

Handling	Avoid aerosol inhalation. Gloves may limit exposure and ease clean up. Work in well ventilated areas. Wash off excess residue frequently. Use soap and water as necessary.
Storage	Store in a cool, dark environment.

Exposure Control / Personal Protection

Exposure Limits	None known.
Worm Casting Extract CAS #	None.
ACGIH TLV	Unknown.
OSHA /PEL	Unknown.
Skin and Body Protection	None required. Gloves recommended.
Respiratory Protection	None required.
Head Protection	None required.
Eye Protection	None required. Safety glasses with side shields are recommended.

Physical and Chemical Properties

Appearance	Light to dark. Chocolate brown.
Odour	Slightly earthy odour.
PH	5.5 7.5
Melting Point	Unknown.
Freezing Point	0 degrees Celsius
Evaporation Rate	N/A.
Flammability	Non-flammable.
Explosion Limits	Unknown.
Auto-ignition temperature	Unknown.
Viscosity	N/A.
Solubility	Soluble in water.

Stability and Reactivity

Chemical Stability	This product is stable under normal conditions.
Reactivity	This product is non-reactive under recommended storage conditions.
Hazardous Decomposition Products	N/A.
Conditions to Avoid	Closely confined, non-ventilated storage areas.

Toxicological Information

Likely Routes of Exposure	Eyes. Ingestion. Inhalation. Skin.
Potential Health Effects	Eyes – none known. Ingestion – none known. Inhalation – none known. Skin – none known.
Acute Toxicity	No data available.
Reproductive Toxicity	No data available.
Germ Cell Mutagenicity	No data available.
Specific Target Organ Toxicity	Single exposure – no adverse health effects expected under normal use. Repeated exposure - no adverse health effects expected under normal use.
Carcinogenicity	No component of this product present at levels equal to or greater than 0.1% is identified as a probable, possible, potential, or confirmed human carcinogen by the following organizations: OSHA, IARC, ACGIH, and NTP.

Ecological Information

Toxicity	Non-toxic.
Persistence and Degradability	Inherently biodegradable.
Bio-accumulative Potential	None. Does not bio-accumulate.
Mobility	Potential for water contamination. Control run off.

Disposal Considerations

This product is not considered to be and is not regulated as hazardous waste. May be disposed of in a sanitary landfill or used as a soil amendment in most agricultural environments.

Transport Information

DOT This product is not regulated by the DOT.

Regulatory Information

OSHA No components of this product are listed as hazardous by OSHA.

SARA No chemicals in this product are subject to the reporting requirements of SARA Title III Section 302 or 313. No chemicals in this product are subject to Section 311 or 312 of SARA.

Other Information

The information contained in this SDS is accurate to the best of our knowledge but does not purport to be all inclusive and should only be used as a general guide. The information in this SDS may not be valid if this product is used in combination with other products.

Available data, safety standards, and government regulations are subject to change. Therefore, no warranty, guarantee, or representation with respect to completeness or accuracy of the information contained in this document is made.

The user of this product assumes all responsibility for compliance with any and all applicable Federal, Provincial, local laws, and environmental regulations.

The user of this product must also decide what safety measures should be in place to safely handle this product. The choice of the safety measures, use, or misuse of this product are beyond the control and not the responsibility of Annelida Casting Innovations.



MATERIAL SAFETY DATA SHEET

MA2 4-4-4

AnneMaxx Enhance

Section 1. Chemical Product and Company Identification

Product Name	Premier Gro 4-4-4
Trade Name	4-4-4
Distributor	Cropland Solutions Inc., 9068 51 st Ave NW, Edmonton, AB, T6E 5X4

Section 2. Composition, Information on Ingredients

Hazardous ingredients/Chemical Composition	This preparation does not contain any substances presenting a health hazard.
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Section 3. Hazards Identification

Most Important Hazards	Not classified as hazardous
Human Health Hazards - Eyes	May Cause slight transient irritation.
Human Health Hazards - Skin	Material may cause slight irritation on prolonged or repeated contact.
Human Health Hazards - Ingestion	A large dose may have the following effects: diarrhea, nausea, vomiting.
Human Health Hazards - Inhalation	Exposure to dust at high concentrations may have the following effects: - irritation of nose, throat and respiratory tract.

Section 4. First Aid Measures

Human Health Hazards - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
Human Health Hazards - Skin	Wash skin with soap and water.
Human Health Hazards - Ingestion	Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
Human Health Hazards - Inhalation	Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable	Use water spray, foam, dry chemical or CO ₂
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Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing.
Spill	Sweep up into suitable containers for recovery or disposal. Finally, flush area with plenty of water.

Section 7. Handling and Storage

Handling	Avoid inhaling dust. Avoid contact with eyes, skin and clothing.
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MATERIAL SAFETY DATA SHEET

MA2 4-4-4

AnneMaxx Enhance

Storage Storage area should be cool, dry out of direct sunlight

Section 8. Exposure Controls, Personal Protection

Protective Measures - Respiratory The Following protection is recommended: Dust respirator if conditions are dusty.

Protective Measures - Hands Disposable vinyl gloves

Protective Measures - Eyes Safety glasses or chemical goggles to EN166, 167 and 168

Section 9. Physical and Chemical Properties

Physical State Liquid

Color Brownish Black

pH (1% solution) 6.0 to 7.0

Flash Point > 100 deg. Celsius

Boiling Point > 100 deg. Celsius

Solubility in water soluble in water

Section 10. Stability and Reactivity

Stability Stable under recommended storage and handling conditions (see section 7). Hygroscopic.

Conditions to Avoid Exposure to direct sunlight

Section 11. Toxicological Information

Acute toxicity Low order of acute toxicity
Oral LD50 (rat) >2000 mg/kg
Dermal LD50 (rabbit) >2000 mg/kg

Eye irritation Inhalation LC50 (rat) >20 mg/liter/4h
The degree of irritation was insufficient to warrant labeling as an eye irritant.

Skin irritation The degree of irritation was insufficient to warrant labeling as a skin irritant.

Section 12. Ecological information

Eco toxicity No relevant studies identified.

Section 13. Disposal considerations

Disposal considerations Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.

Container information Container should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

Section 14. Transport Information

UN : UN number Not Classified



MATERIAL SAFETY DATA SHEET

MA2 4-4-4

AnneMaxx Enhance

Section 15. Regulatory Information

EC Classification	This product is not classified according to the EU regulations.
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Section 16. Other Information

MSDS first issued	27.07.2020
MSDS data revised	23.03.2021



MATERIAL SAFETY DATA SHEET

3-6-3

AnneMaxx Enhance Plus

Section 1. Chemical Product and Company Identification

Product Name	Premier Gro 3-6-3
Trade Name	3-6-3
Distributor	Cropland Solutions Inc., 9068 51 st Ave NW, Edmonton, AB, T6E 5X4

Section 2. Composition, Information on Ingredients

Hazardous ingredients/Chemical Composition	This preparation does not contain any substances presenting a health hazard.
--	--

Section 3. Hazards Identification

Most Important Hazards	Not classified as hazardous
Human Health Hazards - Eyes	May Cause slight transient irritation.
Human Health Hazards - Skin	Material may cause slight irritation on prolonged or repeated contact.
Human Health Hazards - Ingestion	A large dose may have the following effects: diarrhea, nausea, vomiting.
Human Health Hazards - Inhalation	Exposure to dust at high concentrations may have the following effects: - irritation of nose, throat and respiratory tract.

Section 4. First Aid Measures

Human Health Hazards - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
Human Health Hazards - Skin	Wash sin with soap and water.
Human Health Hazards - Ingestion	Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
Human Health Hazards - Inhalation	Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable	Use water spray, foam, dry chemical or CO ₂
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Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing.
Spill	Sweep up into suitable containers for recovery or disposal. Finally, flush area with plenty of water.

Section 7. Handling and Storage

Handling	Avoid inhaling dust. Avoid contact with eyes, skin and clothing.
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MATERIAL SAFETY DATA SHEET

3-6-3

AnneMaxx Enhance Plus

Storage Storage area should be cool, dry out of direct sunlight

Section 8. Exposure Controls, Personal Protection

Protective Measures - Respiratory The Following protection is recommended: Dust respirator if conditions are dusty.
 Protective Measures - Hands Disposable vinyl gloves
 Protective Measures - Eyes Safety glasses or chemical goggles to EN166, 167 and 168

Section 9. Physical and Chemical Properties

Physical State Liquid
 Color Brownish Black
 pH (1% solution) 6.0 to 7.0
 Flash Point > 100 deg. Celsius
 Boiling Point > 100 deg. Celsius
 Solubility in water soluble in water

Section 10. Stability and Reactivity

Stability Stable under recommended storage and handling conditions (see section 7). Hygroscopic.
 Conditions to Avoid Exposure to direct sunlight

Section 11. Toxicological Information

Acute toxicity Low order of acute toxicity
 Oral LD50 (rat) >2000 mg/kg
 Dermal LD50 (rabbit) >2000 mg/kg
 Eye irritation Inhalation LC50 (rat)>20 mg/liter/4h
 The degree of irritation was insufficient to warrant labeling as an eye irritant.
 Skin irritation The degree of irritation was insufficient to warrant labeling as a skin irritant.

Section 12. Ecological information

Eco toxicity No relevant studies identified.

Section 13. Disposal considerations

Disposal considerations Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.
 Container information Container should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

Section 14. Transport Information

UN : UN number Not Classified



MATERIAL SAFETY DATA SHEET

3-6-3

AnneMaxx Enhance Plus

Section 15. Regulatory Information	
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EC Classification	This product is not classified according to the EU regulations.
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Section 16. Other Information	
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MSDS first issued	27.07.2020
MSDS data revised	23.03.2021



DATE OF ISSUE: September 29, 2021

SAFETY DATA SHEET

Annelida Soil Solutions Ltd., Nisku, AB

Section 1 - IDENTIFICATION

Product Identification:

AnneMaxx AG - AMGR (AnneMaxx Biome)

Description:

AnneMaxx Granular (AMGR) is a soil supplement. AMGR is a diverse blend of concentrated microbes; comprised of bacteria and fungi, along with organic matter, in prill form.

Formula / Ingredients:

Worm Castings

ACTIV80-AG

Biochar

Sodium Carbonate Lignin

Powdered Gypsum

Product Use:

Soil supplement that can be broadcast, applied in furrow, or in any fertilizer blend for agricultural and horticultural applications. Benefits may include improved soil structure, improved water retention, disease and pest inhibition. This product can be complementary to any garden or agricultural fertilizer program.

Company Identification:

ANNELIDA Soil Solutions Ltd.
904 9th Avenue Nisku, Alberta,
T9E 1C8 Canada
1-780-777-9676

Section 2 - HAZARDS IDENTIFICATION

A. Contains Gypsum (Calcium Sulphate)

Recommended Restrictions – Workers and customers or users should be informed of the presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in proper use and handling of this material should be provided as required under applicable regulations.

Physical Hazards Not classified

Health Hazards Carcinogenicity Category 1A

Specific target organ toxicity following repeated exposure Category 1A

Hazard Statement May cause cancer. Causes damage to organs through prolonged or repeated exposure.

Precautionary Statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response If exposed or concerned, seek medical attention/advice.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards None known.

Supplemental Information None.

B. Contains Biochar (ZMM T-Carbon)

When looking at classifications of hazards this chemical meets you will see category numbers to tell how severe the hazard is. The numbering starts at 1 (most hazardous) and ends at 5 (least hazardous). The lower the number or letter, the more severe the hazard.

CLASSIFICATIONS

Flammable Wood – Category 5

Aspiration Hazard – Category 4

Carcinogenicity – Category 5

Specific Target Organ Toxicity (Repeated Exposure) – Category 5

Specific Target Organ Toxicity (Single Exposure) – Category 5

Skin Irritation – Category 5

Eye Irritation – Category 5

Chronic Aquatic Toxicity – Category 5

C. Contains Sodium Carbonate Lignin (Polybond)

Main Hazard None

Flammability Non-Flammable

Chemical Hazard None

D. Contains Activ80-AG

This product is a naturally occurring complex mixture that can contain crystalline silica.

Section 3 – COMPOSITION

A. Contains Gypsum (Calcium Sulphate)

Mixtures

Chemical Name Silica, Crystalline quartz

CAS No. 14808-60-7

B. Contains Biochar (ZMM T-Carbon)

Main Ingredient Pyrolysis of Pine/Spruce Wood Chips

Ingredient Wood Chip Based ZMM T-Carbon >94%, Water <6%

C. Contains Sodium Carbonate Lignin (Polybond)

Product Description Sodium Lignin

D. Contains Activ80-AG

Physical State Solid

Odor Odorless

Appearance Blackish/brown

F. Contains Worm Castings

Physical State	Solid
Odor	Slightly earthy and rich
Appearance	Blackish/brown

Section 4 – FIRST AID MEASURES – applicable to AnneMaxx AG - AMGR

Inhalation	Move to fresh air. May produce allergenic response in sensitive individuals. Seek medical attention if symptoms develop or persist.
Skin Contact	Wash with soap and water. Seek medical attention if irritation develops or persists.
Eye Contact	Do not rub eyes. Rinse with water. Remove contact lenses. Seek medical attention if symptoms develop or persist.
Ingestion	Rinse mouth. Immediately dilute by drinking large quantities of water. Seek medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Dust may irritate the respiratory tract, skin, and eyes. Coughing. Keep victim under observation. Symptoms may be delayed. Prolonged and/or repeated exposure via inhalation may result in progressive and permanent lung disorders and damage. Dust has been related to silicosis.

Section 5 – FIRE FIGHTING MEASURES – applicable to AnneMaxx AG - AMGR

Flammability	Not considered a fire hazard.
Flash Point	Not applicable.
Means of Extinction	Use media appropriate for surrounding fire.
Special Procedures	Use protective clothing and breathing equipment appropriate for surrounding fire.

Section 6 – ACCIDENTAL RELEASE MEASURES – applicable to AnneMaxx AG - AMGR

Steps to be taken in the event material is released or spilled	Sweep up or vacuum up spills for recovery or disposal. A dust respirator may be required during cleanup.
Waste Disposal	Dispose in accordance with federal, provincial, state and/or local regulations.
Environmental Precaution	Do not discharge product into streams, ponds, estuaries, oceans, or other waters.

Section 7 – STORAGE AND HANDLING – applicable to AnneMaxx AG - AMGR

Personal Protective Equipment	Rubber gloves recommended. Goggles or safety glasses recommended. Air purifying respirator recommended for prolonged exposures to product and when working in dusty environments.
Other Protective Equipment	As appropriate to prevent bodily contact.
Storage	Store in cool, dry locations away from direct sunlight.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

As AnneMaxx AG AMGR is a blend of several components, the following controls are recommended for personal protection.

Occupational Exposure Limits	Components may be regulated by specific Canadian provincial legislation. Refer to exposure limits legislated for the province in which substance will be used.
US ACGIH Threshold Limit Values	
Components	Silica, Crystalline Quartz (CAS 14808-60-7)
Type	TWA
Value	0.025 mg/m ³
FORM	Respirable fraction
Biological Exposure Limits	None noted
Exposure Guidelines	Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES – applicable to AnneMaxx AG - AMGR

Physical State	Solid
Appearance and Odor	Black granules of varying size, 0-3mm, minimal odor
Bulk Density	0.76 kg/Litre
Boiling Point	Not applicable
Melting Point	Not applicable
Vapour Pressure (mm of mercury)	Does not form a vapour
Percent Volatile	N/A
pH	Unknown
Water Solubility	Slightly soluble in water

Section 10 – REACTIVITY – applicable to AnneMaxx AG - AMGR

Stability	Product is stable and non-reactive under normal conditions of use, storage, and transport.
Possibility of Dangerous Reactions	No dangerous reactions known under conditions of normal use.

Section 11 – TOXICOLOGICAL INFORMATION – applicable to AnneMaxx AG - AMGR

Inhalation	Airborne respirable dust may cause irritation to the nose, throat, and lungs. Causes damage to organs, including silicosis through prolonged or repeated exposure.
Skin Contact	Dust or powder may irritate skin.
Eye Contact	Dust may irritate eyes and impair vision.
Ingestion	Expected to be a low ingestion hazard.
Carcinogenicity	May cause cancer through prolonged or repeated inhalation of respirable dust particles. In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. IARC noted that “carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs.” In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. “There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk ...” Occupational exposure to respirable dust and crystalline silica should be monitored and controlled.
ACGIH Carcinogens	Silica, Crystalline Quartz (CAS 14808-60-7) A2 Suspected human carcinogen
IARC Monographs. Overall Evaluation of Carcinogenicity	Silica, Crystalline Quartz (CAS 14808-60-7) 1 Carcinogenic to humans
Germ Cell Mutagenicity	No data available.
Reproductive Toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration Hazard	Not an aspiration hazard.
Chronic Effects	Prolonged inhalation may cause chronic effects. Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure.

Section 12 – ECOLOGICAL INFORMATION – applicable to AnneMaxx AG - AMGR

Ecotoxicity	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect of the environment. Namely, into waterways: streams, ponds, estuaries, oceans, or other waters.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, endocrine disruption, global warming potential) are expected from this product.

Section 13 – DISPOSAL CONSIDERATIONS – applicable to AnneMaxx AG - AMGR

Disposal Instructions Collect and reuse. Or collect and dispose in accordance with local/regional/national/international regulations.
Hazardous Waste This product is not deemed to be hazardous waste.

Section 14 – TRANSPORT INFORMATION – applicable to AnneMaxx AG - AMGR

TDG This product is not regulated as dangerous goods.
IATA This product is not regulated as dangerous goods.
IMDG This product is not regulated as dangerous goods.

Section 15 – REGULATORY INFORMATION – applicable to AnneMaxx AG - AMGR

Canadian Regulations This product is not considered a regulated product in Canada.

Section 16 – OTHER INFORMATION – applicable to AnneMaxx AG - AMGR

Issue Date September 29, 2021

Revision Date September 29, 2021

Version No. 1.0

Disclaimer The information contained herein is based on data available to us, and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed, or implied by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all appropriate federal, provincial, state, and local regulators remains the responsibility of the user.

Contact Information

ANNELIDA Soil Solutions Ltd.
904 9th Avenue Nisku, Alberta,
T9E 1C8 Canada
1-780-777-9676



MATERIAL SAFETY DATA SHEET

NUTRABOOST

Section 1. Chemical Product and Company Identification

Product Name	Vigor Plus (NUTRABOOST)
Trade Name	Vigor Plus (NUTRABOOST)
Distributor	Cropland Solutions Inc., 9068 51 st Ave NW, Edmonton, AB, T6E 5X4

Section 2. Composition, Information on Ingredients

Hazardous ingredients/Chemical Composition

Humic Acid	15%
<i>Ascophyllum nodosum</i> Extract	1%
De-ionised Water	84%

Section 3. Hazards Identification

Most Important Hazards	Not classified as hazardous
Human Health Hazards - Eyes	May Cause slight transient irritation.
Human Health Hazards - Skin	Material may cause slight irritation on prolonged or repeated contact.
Human Health Hazards - Ingestion	A large dose may have the following effects: diarrhea, nausea, vomiting.
Human Health Hazards - Inhalation	Exposure to dust at high concentrations may have the following effects: - irritation of nose, throat and respiratory tract.

Section 4. First Aid Measures

Human Health Hazards - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
Human Health Hazards - Skin	Wash skin with soap and water.
Human Health Hazards - Ingestion	Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
Human Health Hazards - Inhalation	Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable	Use water spray, foam, dry chemical or CO ₂
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Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing.
Spill	Sweep up into suitable containers for recovery or disposal. Finally, flush area with plenty of water.

MATERIAL SAFETY DATA SHEET

NUTRABOOST

Section 7. Handling and Storage

Handling	Avoid inhaling dust. Avoid contact with eyes, skin and clothing.
Storage	Storage area should be cool, dry out of direct sunlight

Section 8. Exposure Controls, Personal Protection

Protective Measures - Respiratory	The Following protection is recommended: Dust respirator if conditions are dusty.
Protective Measures - Hands	Disposable vinyl gloves
Protective Measures - Eyes	Safety glasses or chemical goggles to EN166, 167 and 168

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Brownish to Black
pH (1% solution)	6.0
Flash Point	> 100 deg. Celsius
Boiling Point	> 100 deg. Celsius
Solubility in water	Soluble in water

Section 10. Stability and Reactivity

Stability	Stable under recommended storage and handling conditions (see section 7). Hygroscopic.
Conditions to Avoid	Exposure to direct sunlight

Section 11. Toxicological Information

Acute toxicity	Low order of acute toxicity Oral LD50 (rat) >2000 mg/kg Dermal LD50 (rabbit) >2000 mg/kg
Eye irritation	Inhalation LC50 (rat) >20 mg/liter/4h The degree of irritation was insufficient to warrant labeling as an eye irritant.
Skin irritation	The degree of irritation was insufficient to warrant labeling as a skin irritant.

Section 12. Ecological information

Eco toxicity	No relevant studies identified.
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Section 13. Disposal considerations

Disposal considerations	Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.
Container information	Container should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

MATERIAL SAFETY DATA SHEET

NUTRABOOST

Section 1. Chemical Product and Company Identification

Product Name	Vigor Plus (NUTRABOOST)
Trade Name	Vigor Plus (NUTRABOOST)
Distributor	Cropland Solutions Inc., 9068 51 st Ave NW, Edmonton, AB, T6E 5X4

Section 2. Composition, Information on Ingredients

Hazardous ingredients/Chemical Composition

Humic Acid	15%
<i>Ascophyllum nodosum</i> Extract	1%
De-ionised Water	84%

Section 3. Hazards Identification

Most Important Hazards	Not classified as hazardous
Human Health Hazards - Eyes	May Cause slight transient irritation.
Human Health Hazards - Skin	Material may cause slight irritation on prolonged or repeated contact.
Human Health Hazards - Ingestion	A large dose may have the following effects: diarrhea, nausea, vomiting.
Human Health Hazards - Inhalation	Exposure to dust at high concentrations may have the following effects: - irritation of nose, throat and respiratory tract.

Section 4. First Aid Measures

Human Health Hazards - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
Human Health Hazards - Skin	Wash skin with soap and water.
Human Health Hazards - Ingestion	Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.
Human Health Hazards - Inhalation	Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable	Use water spray, foam, dry chemical or CO ₂
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Section 6. Accidental Release Measures

Personal Precautions	Wear appropriate protective clothing.
Spill	Sweep up into suitable containers for recovery or disposal. Finally, flush area with plenty of water.

MATERIAL SAFETY DATA SHEET

NUTRABOOST

Section 7. Handling and Storage	
Handling	Avoid inhaling dust. Avoid contact with eyes, skin and clothing.
Storage	Storage area should be cool, dry out of direct sunlight
Section 8. Exposure Controls, Personal Protection	
Protective Measures - Respiratory	The Following protection is recommended: Dust respirator if conditions are dusty.
Protective Measures - Hands	Disposable vinyl gloves
Protective Measures - Eyes	Safety glasses or chemical goggles to EN166, 167 and 168
Section 9. Physical and Chemical Properties	
Physical State	Liquid
Color	Brownish to Black
pH (1% solution)	6.0
Flash Point	> 100 deg. Celsius
Boiling Point	> 100 deg. Celsius
Solubility in water	Soluble in water
Section 10. Stability and Reactivity	
Stability	Stable under recommended storage and handling conditions (see section 7). Hygroscopic.
Conditions to Avoid	Exposure to direct sunlight
Section 11. Toxicological Information	
Acute toxicity	Low order of acute toxicity Oral LD50 (rat) >2000 mg/kg Dermal LD50 (rabbit) >2000 mg/kg
Eye irritation	Inhalation LC50 (rat) >20 mg/liter/4h The degree of irritation was insufficient to warrant labeling as an eye irritant.
Skin irritation	The degree of irritation was insufficient to warrant labeling as a skin irritant.
Section 12. Ecological information	
Eco toxicity	No relevant studies identified.
Section 13. Disposal considerations	
Disposal considerations	Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.
Container information	Container should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

MATERIAL SAFETY DATA SHEET

NUTRABOOST

Section 14. Transport Information	
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UN : UN number	Not Classified
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Section 15. Regulatory Information	
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EC Classification	This product is not classified according to the EU regulations.
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Section 16. Other Information	
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MSDS first issued	27.04.2019
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OPTIMIZE

Spray Boost

Features and Benefits:

Optimize 6-in-1 Spray Boost is a multi-functional product that helps in optimizing the spray water. **Optimize 6-in-1 Spray Boost** is used to optimize the pH of the spray water. It automatically adjusts the pH of water to 4 - 5 and eliminates the need for pH adjustments. The colour changes to pink or orange, with pink indicating correct pH has been achieved. **Optimize 6-in-1 Spray Boost** contains hydrolyzed amino acids that binds with calcium and magnesium to reduce water hardness. **Optimize 6-in-1 Spray Boost** also contains surfactants that reduce the surface tension of the spray water increasing water adherence on leaves.

For Optimizing Water:

Water hardness type	Foliar application <i>Required pH (4 -5) Final water colour: PINK</i>	In-furrow or Soil application <i>Required pH (6.5 - 7) Final water colour: YELLOW or Orange</i>
SOFT	1.5 ml per liter	Not recommended
MEDIUM	2.0 ml per liter	1.0 - 1.5 ml per liter
HARD	2.0 - 2.5 ml per liter	1.5 - 1.75 ml per liter
VERY HARD	2.5 - 2.75 ml per liter	1.75 - 2.0 ml per liter

Guaranteed Minimum Analysis:

Total Nitrogen	3%
Available Phosphoric Acid	10%
Amino acids	24%
Polyethylene glycol tert-octylphenyl ether	5%
Contains hydrolyzed soy.	

Caution: Product contains soy. Adverse reaction may occur in sensitive persona. If skin contact occurs, wash with soap and water. Wear dust mask and protective gloves. If allergic reaction occurs, seek immediate medical attention. The Fertilizer should be used only as recommended. It may prove harmful if misused. Keep out of reach of children and animals.

Safety & Protection: Store Balance 6-in-1 Spray Boost in closed container or bag in a cool, dry and well ventilated area. DO NOT FREEZE. Wear protective clothing, mask and gloves when handling. Dispose of contents and packaging in accordance with Local, Regional and Federal requirements.

#904 9th AVENUE, NISKU,
ALBERTA T9E 1C8
(780) 777-WORM

NET Vol: 10L

Use Before:

Batch #:

Technical Data / Chemical Analysis

GHP LIQUID H - LIQUIFIED CARBON (pH =10)

PARAMETER	VALUE	UNIT
Ag	< 1	ppm
Al	0.01	%
As	< 1	ppm
B	11	ppm
Ba	7	ppm
Ca	0.12	%
Cd	< 1	ppm
Co	< 1	ppm
Cr	< 1	ppm
Cu	< 1	ppm
Fe	21	ppm
Hg	< 0.01	ppm
K	1.17	%
Mg	0.01	%
Mn	8	ppm
Mo	< 1	ppm
Na	0.02	%
Ni	< 1	ppm
P	< 0.01	%
Pb	< 1	ppm
S	343	ppm
Sb	< 1	ppm
Se	< 1	ppm
Si	0.02	%
Sn	< 1	ppm
Sr	11	ppm
Th	< 1	ppm
Ti	< 1	ppm
U	< 1	ppm
V	< 1	ppm
Zn	< 1	ppm
Total	1.34	%

GHP LIQUID H - LIQUIFIED CARBON (pH =10)

GHP LIQUID H - LIQUIFIED CARBON is a liquid product derived from natural material rich in soil organic matters and humic substances. This product can be applied to soil or plants. Soil organic matters and humic substances have been proven to improve the quality of soil, growth of soil organisms and uptakes of nutrients by plants.

PARAMETER	VALUE	UNIT
Moisture	90.4	%
Humic Acids	12.0 ¹⁾	%
	7 ²⁾	%
Specific Gravity	1,050	kg/m ³
	65	lb/ft ³
pH	10.0 - 10.5	-
Color	Black	-

1) As-received analysis - A&L Colorimetric Method.

2) Dry matter analysis – ISO 19822:2018 Method

MIX WELL PRIOR TO USE



Safety Data Sheet

Product of Canada

Section 1. Product and Manufacturer Identification

Product Identifier: GHP LIQUID H - LIQUIFIED CARBON
Recommended Use: Soil Amendment
Restrictions to Use: Industrial/Agricultural use only
Canadian Supplier Identifier: Global Humic Products Ltd.
53323 Range Road 232, Sherwood Park, Alberta, Canada, T8A 4V2
Email: eliem@global-humic.com
Emergency phone: 780-464-8642
Date Prepared: May 12, 2021

Section 2. Hazard Identification

Hazard Classification: Acute toxicity: oral, dermal, inhalation (Category 4) – maybe harmful swallowed
Skin irritation (Category 3)- causes mild skin irritation
Eye irritation(Category 2A) – causes eye irritation
Specific target organ toxicity: respiratory tract irritation (Category 3) - (dust) may cause respiratory irritation

Label Elements:

WARNING



If medical advice is needed, have product container or label at hand
Keep out of reach of children
Do not get in eyes, on skin, or on clothing
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Wear respiratory protection

Section 3. Composition / Information on Ingredients

Chemical Name: Potassium Humate
Common Name and Synonyms: N/A
Chemical Abstract Service Registry Number: 68514-28-3
Chemical Name of Impurities: N/A

Section 4. First Aid Measures

If swallowed: Rinse mouth
If on skin or hair: Rinse skin with water/shower
If Inhaled (Dust): Remove person to fresh air and keep comfortable for breathing
If in Eyes: Rinse cautiously with water for several minutes
If on Clothing: Take off contaminated clothing and wash it before reuse

Section 5. Fire Fighting Measures

Flammability: Not considered a fire hazard
Means of Extinction: Use media appropriate to surround fire
Special Procedures: N/A

Safety Data Sheet

Section 6. Accidental Release Measures

Cleaning: Wash with water and contain, notify appropriate authorities when released to environment occurs.
Containment: Storage containers

Section 7. Handling and Storage

Handling: Ordinary liquid material transfer and storage equipment (pumps, etc.)
Storage: Store in a dry place, closed container, at temperatures not exceeding 50°C or below freezing

Section 8. Exposure Controls / Personal Protection

Personal Protective Equipment: **Respiratory Protection** – not required in fresh air or good ventilation
Protective Gloves - wear loose fitting gloves
Eye protection – goggles required when spraying

Section 9. Physical and Chemical Properties

Physical State: Liquid
Odor: Odorless
Odor Threshold: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Boiling Point: 100 °C
pH: 9.5
Appearance: Black
Specific Gravity: 1.05
Coefficient of Water /Oil Distribution: N/A
Moisture: 86%

Section 10. Stability and Reactivity

Chemical Stability: Stable under ambient conditions
Incompatibility with other Substances: Non-reactive
Minimum Ignition Temperature: N/A
Minimum Explosive Concentration : N/A
Minimum Ignition Energy: N/A
Susceptibility to Spontaneous Combustion: N/A

Section 11. Toxicological Information

Lethal Dose: N/A
Lethal Concentration: N/A
Routes of Exposure: Ingestion, skin contact, eye contact, inhalation
Effects of Repeated (Chronic) Exposure: N/A
Significant Laboratory Data with Possible Relevance to Human Health Hazard Evaluation: N/A

Section 12. Ecological Information

Ecological Concerns: N/A

Section 13. Disposal Considerations

Disposal: In accordance with applicable environmental regulations, landfills

Section 14. Transportation Information

Department of Transportation: Not considered hazardous material

Safety Data Sheet

Section 15. Regulatory Information

Registrations: United States Department of Agriculture - National Organic Program Canadian Food Inspection Agency (Exempt). California Department of Food and Agriculture Other states in United States

Section 16. Other Information

Latest Revision: May 12, 2021

Technical Data / Chemical Analysis

GHP LIQUID F - LIQUIFIED FULVIC

PARAMETER	VALUE	UNIT
Ag	< 1	ppm
Al	< 0.01	%
As	< 1	ppm
B	4	ppm
Ba	< 1	ppm
Ca	< 0.01	%
Cd	< 1	ppm
Co	< 1	ppm
Cr	< 1	ppm
Cu	< 1	ppm
Fe	7	ppm
Hg	< 0.01	ppm
K	0.29	%
Mg	< 0.01	%
Mn	< 1	ppm
Mo	< 1	ppm
Na	< 0.01	%
Ni	< 1	ppm
P	< 0.01	%
Pb	< 1	ppm
S	294	ppm
Sb	< 1	ppm
Se	< 1	ppm
Si	< 0.01	%
Sn	< 1	ppm
Sr	< 1	ppm
Th	< 1	ppm
Ti	< 1	ppm
U	< 1	ppm
V	< 1	ppm
Zn	< 1	ppm
Total	0.32	%

GHP LIQUID F - LIQUIFIED FULVIC

GHP LIQUID F - LIQUIFIED FULVIC is a liquid product derived from natural material rich in soil organic matters and humic substances. This product can be applied to soil or plants. Soil organic matters and humic substances have been proven to improve the quality of soil, growth of soil organisms and uptakes of nutrients by plants.

PARAMETER	VALUE	UNIT
Moisture	98.4	%
Fulvic Acids	1.0 ¹⁾	%
	0.5 ²⁾	%
Specific Gravity	1,010	kg/m ³
	63	lb/ft ³
pH	9.8 - 10.3	-
Color	Dark Orange / Red	-

¹⁾ As-received analysis - A&L Colorimetric Method.

²⁾ As-received analysis - ISO 19822:2018 Method.

**** CAN BE DILUTED 150:1****



Safety Data Sheet

Product of Canada

Section 1. Product and Manufacturer Identification

Product Identifier: GHP LIQUID F - LIQUIFIED FULVIC
Recommended Use: Soil Amendment
Restrictions to Use: Industrial/Agricultural use only
Canadian Supplier Identifier: Global Humic Products Ltd.
53323 Range Road 232, Sherwood Park, Alberta, Canada, T8A 4V2
Email: eliem@global-humic.com
Emergency phone: 780-464-8642
Date Prepared: May 12, 2021

Section 2. Hazard Identification

Hazard Classification: Acute toxicity: oral, dermal, inhalation (Category 4) – maybe harmful swallowed
Skin irritation (Category 3)- causes mild skin irritation
Eye irritation(Category 2A) – causes eye irritation
Specific target organ toxicity: respiratory tract irritation (Category 3) - (dust) may cause respiratory irritation

Label Elements:

WARNING



If medical advice is needed, have product container or label at hand
Keep out of reach of children
Do not get in eyes, on skin, or on clothing
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Wear respiratory protection

Section 3. Composition / Information on Ingredients

Chemical Name: Potassium Humate
Common Name and Synonyms: N/A
Chemical Abstract Service
Registry Number: 68514-28-3
Chemical Name of Impurities: N/A

Section 4. First Aid Measures

If swallowed: Rinse mouth
If on skin or hair: Rinse skin with water/shower
If Inhaled (Dust): Remove person to fresh air and keep comfortable for breathing
If in Eyes: Rinse cautiously with water for several minutes
If on Clothing: Take off contaminated clothing and wash it before reuse

Section 5. Fire Fighting Measures

Flammability: Not considered a fire hazard
Means of Extinction: Use media appropriate to surround fire
Special Procedures: N/A

Safety Data Sheet

Section 6. Accidental Release Measures

Cleaning: Wash with water and contain, notify appropriate authorities when released to environment occurs.
Containment: Storage containers

Section 7. Handling and Storage

Handling: Ordinary liquid material transfer and storage equipment (pumps, etc.)
Storage: Store in a dry place, closed container, at temperatures not exceeding 50°C or below freezing

Section 8. Exposure Controls / Personal Protection

Personal Protective Equipment: **Respiratory Protection** – not required in fresh air or good ventilation
Protective Gloves - wear loose fitting gloves
Eye protection – goggles required when spraying

Section 9. Physical and Chemical Properties

Physical State: Liquid
Odor: Odorless
Odor Threshold: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Boiling Point: 76 °C
pH: 5.7-6.7
Appearance: Black
Specific Gravity: 1.02
Coefficient of Water /Oil Distribution: N/A
Moisture: 98%

Section 10. Stability and Reactivity

Chemical Stability: Stable under ambient conditions
Incompatibility with other Substances: Non-reactive
Minimum Ignition Temperature: N/A
Minimum Explosive Concentration: N/A
Minimum Ignition Energy: N/A
Susceptibility to Spontaneous Combustion: N/A

Section 11. Toxicological Information

Lethal Dose: N/A
Lethal Concentration: N/A
Routes of Exposure: Ingestion, skin contact, eye contact, inhalation
Effects of Repeated (Chronic) Exposure: N/A
Significant Laboratory Data with Possible Relevance to Human Health Hazard Evaluation: N/A

Section 12. Ecological Information

Ecological Concerns: N/A

Section 13. Disposal Considerations

Disposal: In accordance with applicable environmental regulations, landfills

Section 14. Transportation Information

Department of Transportation: Not considered hazardous material

Safety Data Sheet

Section 15. Regulatory Information

Registrations: United States Department of Agriculture - National Organic Program Canadian Food Inspection Agency (Exempt). California Department of Food and Agriculture Other states in United States

Section 16. Other Information

Latest Revision: May 12, 2021



OMRI Listed®

The following product may be used in certified organic production or food processing and handling in accordance with the Canadian Organic Standards.

Product

Annelida Organics AnneMaxx Ag Turf AMGR (AnneMaxx Biome)

Company

Annelida Organics
Mike Launer
31 Goertz Avenue
Stony Plain Alberta T7Z 0H6 Canada

Status

Allowed with Restrictions

Category

COR: Fertilizers and Soil
Amendments, Blended
COR: Calcium Sulphate
(Gypsum)

Issue date

20-Jul-2023

Product number

ann-17884

Class

Crop Fertilizers and Soil
Amendments

Expiration date

1-Sep-2024

Restrictions

Refer to specific ingredient categories for applicable use restrictions.
For correcting calcium and sulphur deficiencies and soil salinity problems.

Executive Director/CEO

Product review is conducted according to the policies in the current *OMRI Policy Manual*® and based on the standards in the applicable *OMRI Standards Manual*®. To verify the current status of this or any OMRI Listed product, view the most current version of the *OMRI Canada Products List*® at OMRI.org. OMRI listing is not equivalent to organic certification and is not a product endorsement. It cannot be construed as such. Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a CFIA accredited Certification Body. It is the operator's responsibility to properly use the product, including following any restrictions.



Organic Materials Review Institute
P.O. Box 11558, Eugene, OR 97440-3758, USA
541.343.7600 · info@omri.org · OMRI.org



OMRI Listed®

The following product may be used in certified organic production or food processing and handling in accordance with the Canadian Organic Standards.

Product

ANNELIDA ORGANICS Premium Worm Casting Liquid Extract (AnneMaxx Advantage)

Company

Annelida Organics
Mike Launer
31 Goertz Avenue
Stony Plain Alberta T7Z 0H6 Canada

Status

Allowed with Restrictions

Category

COR: Compost Tea

Issue date

11-Jan-2021

Product number

ann-14072

Class

Crop Fertilizers and Soil
Amendments

Expiration date

1-Dec-2023

Restrictions

If compost tea is applied directly to the edible parts of plants, the operator shall be able to demonstrate that best practices known to eliminate pathogens during the processing have been used OR that the requirements for raw manure, as specified in 5.5.2.5 of CAN/CGSB-32.310, have been met.

Executive Director/CEO

Product review is conducted according to the policies in the current *OMRI Policy Manual*® and based on the standards in the applicable *OMRI Standards Manual*®. To verify the current status of this or any OMRI Listed product, view the most current version of the *OMRI Canada Products List*® at OMRI.org. OMRI listing is not equivalent to organic certification and is not a product endorsement. It cannot be construed as such. Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a CFIA accredited Certification Body. It is the operator's responsibility to properly use the product, including following any restrictions.



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