



ANNELIDA
SOIL SOLUTIONS

Make the Shift to Superior
Soil Management Today

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Who We Are Our Strategy What We Do

Annelida Soil Solutions (“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.



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



Benefits of 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.

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

Differentiation In The Market Rich Nutritional Status And Significant Biodiversity In Our Premium Products

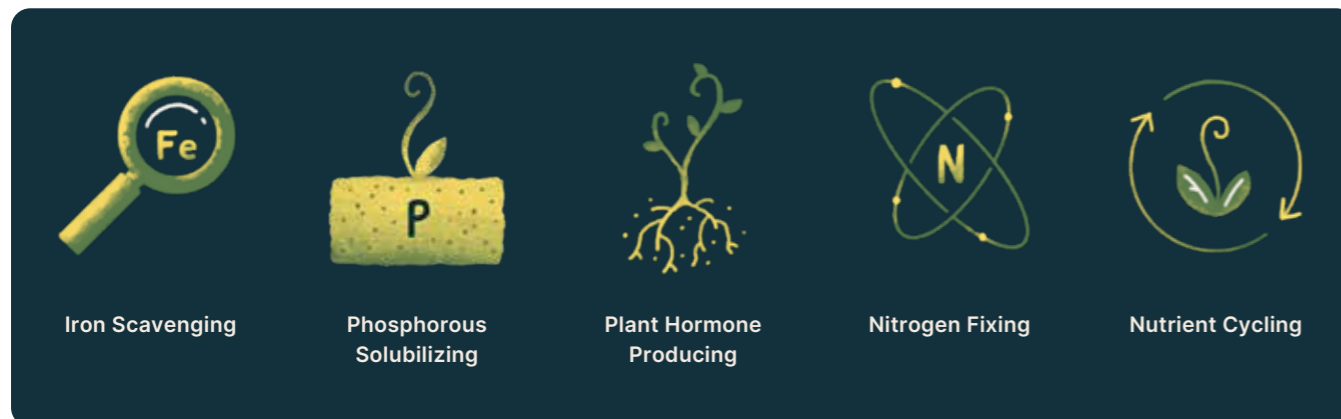
- AnneMaxx Ag products not only stimulate and feed existing soil microbiome, but also increase population and diversity of the microbial community.

Regenerative Agriculture-Focused. No Risk Of Plant Toxicity

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)



Seed Enhancements

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ANNEMaxxRHYZ

SEED ENHANCER

Product Overview

A 2-part seed enhancement that once mixed and applied to the seed, gives any seed the absolute best chance of success. Contains diverse beneficial microbes and bacteria, humic acid, metabolites, plant hormones and growth promoting factors, as well as trace NPK and micronutrients.

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 × 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.



AVAILABLE IN 1000L TOTE, 10L AND 20L JUG

ANNEMaxxMYCO

SEED ENHANCER

EXPERIMENTAL TRIALS UNDERWAY IN 2024

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.



Liquid
Products

LIQUID
PRODUCTS

Liquid Products

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ANNEMAXX ADVANTAGE

(MA1)

Product Overview

AnneMaxx Advantage (MA1) is extracted from our proprietary worm castings containing robust and diverse concentrations of beneficial microbes. 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, Orchard Crops, Corn, Forages and Turf Grasses.
- 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 at most 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

ANNE MAXX ENHANCE

(MA2)

ANNE MAXX ENHANCE PLUS

(MA3)

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, Pulsecrops, Cereals, Potato, Orchard Crops, Corn, Forages and Turf Grasses.
- 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 the time of application or at most 48 hours 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 hormone).
- 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

Product Overview

AnneMaxx Enhance Plus (MA3) is a unique 3-6-3 product with amino acids, phosphoric acids, bio-peptides, amino acids, 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, Pulsecrops, Cereals, Potato, Orchard Crops, Corn, Forages and Turf Grasses.
- 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 at most 48 hours 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

ANNE MAXX ENHANCE ORGANIC

(MA4)

ANNE MAXX OPTIMIZE PLUS

BY CROPLAND SOLUTIONS INC

Product Overview

AnneMaxx 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, Pulsecrops, Cereals, Potato, Orchard Crops, Corn, Forages and Turf Grasses.
- 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 at most 48 hours prior.

IN-FURROW:

- Mix Advantage (MA1) with EnhanceOrganic 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

Available 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

Product Overview

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 4000 litres of water depending on the spray water pH and hardness.

Where to Use?

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

Guaranteed Analysis Active Ingredients

Total Nitrogen (N)	3.00%
Available Phosphoric Acid	10.00%
Polyethylene glycoltert-octyl	
phenyl ether	7.00%
Amino Acids.....	24.00%

Contains hydrolyzed soy.

Features & Benefits

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



AVAILABLE IN 1000L TOTE, 10L AND 20L JUG

ANNE MAXX OPTIMIZE MICRO

BY CROPLAND SOLUTIONS INC

Product Overview

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 4000 litres of water depending on the spray water pH and hardness.

Where to Use?

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

Guaranteed Analysis Active Ingredients

Total Nitrogen (N)	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.

Features & Benefits

- Conditions and acidifies spray water to assist chemical stress in crops and increase foliar uptake.
- Fortified with M-P-S-Zn-Mn-B.
- Amino acids aid in efficient uptake into the plant.



AVAILABLE IN 1000L TOTE, 10L AND 20L JUG

ANNE MAXX PREMIER GRO

10-10-10 | BY CROPLAND SOLUTIONS INC

Product Overview

A unique 10-10-10 Liquid fertilizer with hydrolyzed proteins from plant sources. Nitrogen, phosphorous, and potassium in 100% plant available form.

Application Guidelines

- 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.

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 30-40 litres 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.

Guaranteed Analysis

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

Features & Benefits

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



AVAILABLE IN 1000L TOTE, 10L AND 20L JUG

ANNE MAXX NUTRABOOST

ANNE MAXX FOLIAR PLUS

EXPERIMENTAL TRIALS IN 2024

Product Overview

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%

Recommended Foliar Application Rates

Equal parts of Advantage and NutraBoost in 30L-40L of water per acre. 10L of NutraBoost treats 500-600 acres of seed.

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.



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

AVAILABLE IN 1000L TOTE, 10L AND 20L JUG

Product Overview

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

Application Guidelines

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.

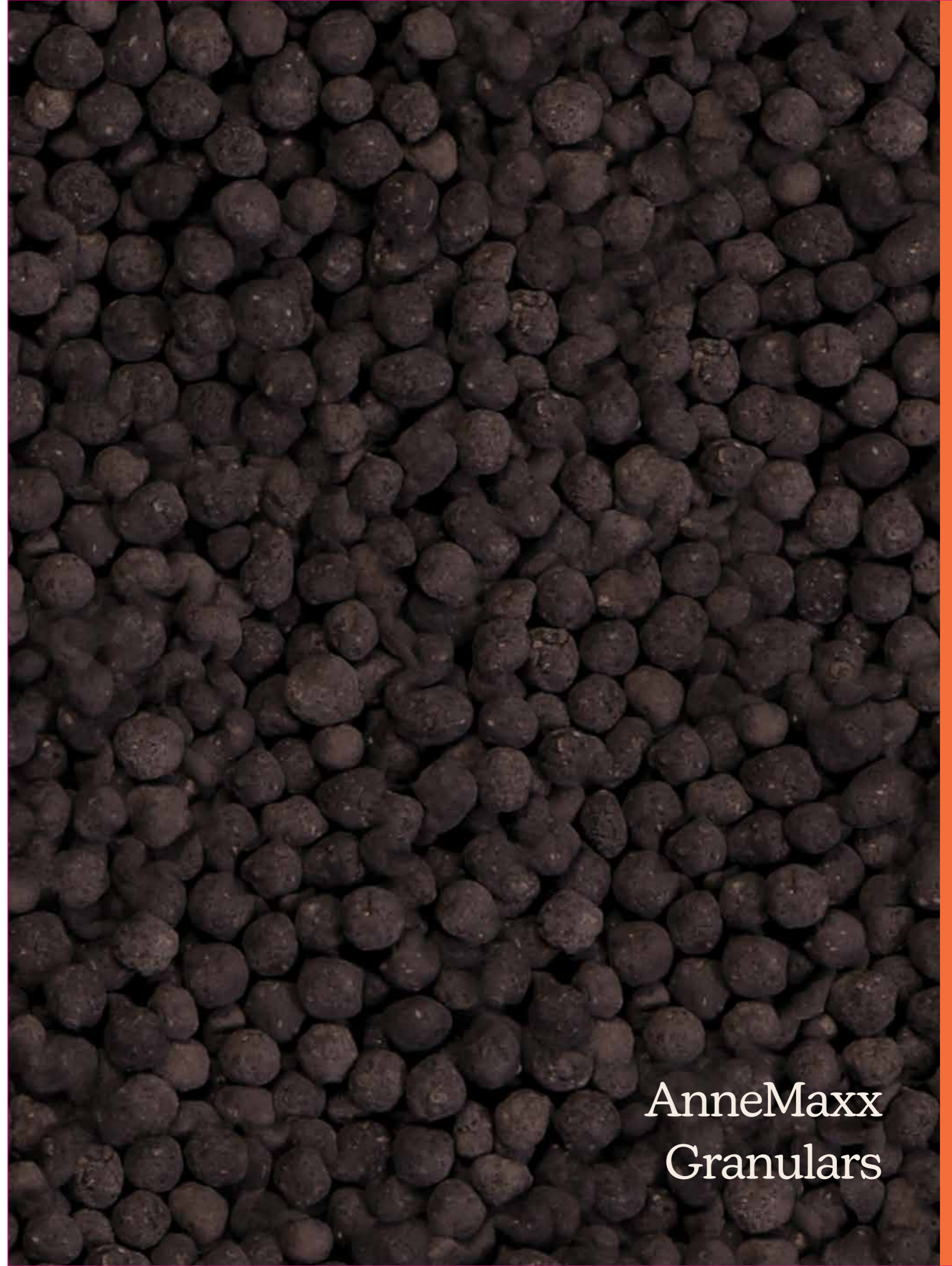
Active Ingredients

Available Nitrogen (N).....	9%
Available Phosphate (P ₂ O ₅)	5%
Available Potash (K ₂ O).....	3%
Derived from urea, phosphoric acid and potassium hydroxide. Also Contains nonplant food Ingredient.	
Humic Acids.....	7.5% (Colorimetric Method)



AVAILABLE IN 1000L TOTE, 10L AND 20L JUG

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT



GRANULARS

AnneMaxx
Granulars

AnneMaxx 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.

Application Guidelines

- 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).



Left Head: Fertilizer rate reduced by 25% in combination with 25 lbs/acre AMGR.

Right Head: Full Fertilizer program (No AMGR).



Active Ingredients

Premium worm castings	50.00%
Humates	10.00%
Calcium	37.00%
T Carbon (Biochar)	3.00%

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.



AVAILABLE IN 45KG OR 1 TONNE BAGS

ANNE MAXX GROW

CEREAL

EXPERIMENTAL TRIALS IN 2024

Product Overview

AnneMaxx Grow is an organic 6-3-2 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.

Application Guidelines

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

- Application rates: 20-50 lbs per acre.

Guaranteed Analysis Active Ingredients

Total Nitrogen (N)	6.00%
Total Phosphorous (P ₂ O ₅)	3.00%
Total Potash (K ₂ O)	2.00%

*AnneMaxx Worm Castings

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.



AVAILABLE IN 45KG OR 1 TONNE BAGS

ANNE MAXX BLOOM

PULSE / CANOLA

Product Overview

AnneMaxx Bloom is an organic 4-9-1 fertilizer formulated for FLOWERING CROPS, that provides nitrogen, and higher phosphorus content, and a potash kick. It is derived from Rock Phosphate and mixed for faster release of nutrients in their available form to plants.

Application Guidelines

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

- Application rates: 20-50 lbs per acre.

Guaranteed Analysis Active Ingredients

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

*AnneMaxx Worm Castings

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.



AVAILABLE IN 45KG OR 1 TONNE BAGS

ANNEMaxx ELITE PHOS

0-17-0-9S

ANNEMaxx ELITE GRAN

9-4-0

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.

Application Guidelines

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

- Application rates: 20-50 lbs per acre.

Guaranteed Analysis Active Ingredients

Total Sulphur (S)	9.00%
Total Phosphorous (P ₂ O ₅)	17.00%
Total insoluble Phosphorus	10.00%

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 Phosphorous and Sulphur.
- Improves root growth and nutrient uptake.
- Increases flower retention and branching.
- Maintains plant energy and improves yield.



AVAILABLE IN 45KG OR 1 TONNE BAGS

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.

Application Guidelines

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

Guaranteed Analysis Active Ingredients

Total Nitrogen (N)	9.00%
Total Phosphorous (P ₂ O ₅)	4.00%

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.



AVAILABLE IN 45KG OR 1 TONNE BAGS



Humates

Humates

AnneMaxx Liquid "H"	31
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ANNE MAXX LIQUID H

IMPROVE SOIL STRUCTURE AND TO AID NUTRIENT UPTAKE

Product Overview

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.

Application Guidelines

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.

Guaranteed Analysis

Available Potassium (K₂O).....1.8%
Derived from potassium hydroxide.

ALSO CONTAINS NONPLANT FOOD INGREDIENTS.

Humic Acids..... 12% (A & L Colorimetric Method)
.....6% CDF A Method
..... 7% ISO 19822:2018 Method

NOTICE:

Global Humic Products Ltd. warrants that this product meets all chemical descriptions on the label. When used according to the directions under normal conditions the product is reasonably fit for the purpose stated on this label. However, Global Humic Products Ltd. will not be liable for indirect damages resulting from the use or handling of this product. Ineffectiveness, crop injury, and other unintended consequences may result from the presence of other substances, weather conditions, and the way the product being applied, which are beyond the control of Global Humic Products Ltd. Buyer shall assume all such risks when using the product.

DISCLAIMER:

Not all products are available for purchase or authorized for use in every location. Some cities, states, and countries may require specific licensing and training to market, purchase, and apply some of the products. It is the responsibility of the distributor, retailer, and user to verify, before product sale and purchase, that the product is approved for the use in their city, state, and country.

CAUTION:

HARMFUL IF SWALLOWED.
KEEP AWAY OF REACH OF CHILDREN.



ANNELIDA
SOIL SOLUTIONS

AVAILABLE IN 10L, 20L, AND 1000L TOTE

DENSITY: 8.7 LBS / US GALLON (1.05 KG / L)

ANNE MAXX LIQUID F

IMPROVE FOLIAR NUTRIENT UPTAKE

Product Overview

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.

Application Guidelines

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 100 USG 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 TO 210 ml per hectare.

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

NOTICE:

Global Humic Products Ltd. warrants that this product meets all chemical descriptions on the label. When used according to the directions under normal conditions the product is reasonably fit for the purpose stated on this label. However, Global Humic Products Ltd. will not be liable for indirect damages resulting from the use or handling of this product. Ineffectiveness, crop injury, and other unintended consequences may result from the presence of other substances, weather conditions, and the way the product being applied, which are beyond the control of Global Humic Products Ltd. Buyer shall assume all such risks when using the product.

DISCLAIMER:

Not all products are available for purchase or authorized for use in every location. Some cities, states, and countries may require specific licensing and training to market, purchase, and apply some of the products. It is the responsibility of the distributor, retailer, and user to verify, before product sale and purchase, that the product is approved for the use in their city, state, and country.

CAUTION:

HARMFUL IF SWALLOWED.
KEEP AWAY OF REACH OF CHILDREN.



Residue
Management

RESIDUE
MANAGEMENT

Residue Management

AnneMaxx Zyme

35

ANNEMaxxZYME

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

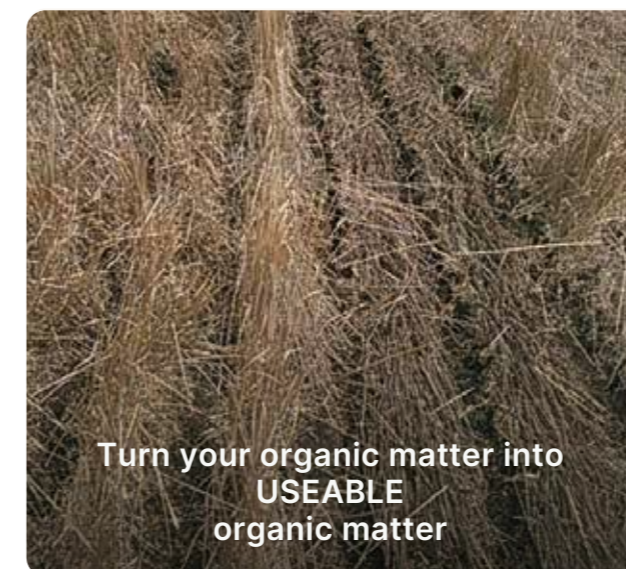
- Apply after harvest.
- Spray apply 3 litres Advantage (MA1) with 1 litre Annemaxx Zyme in 10-15 gallons of water/acre.

Guaranteed Analysis

3-2-2

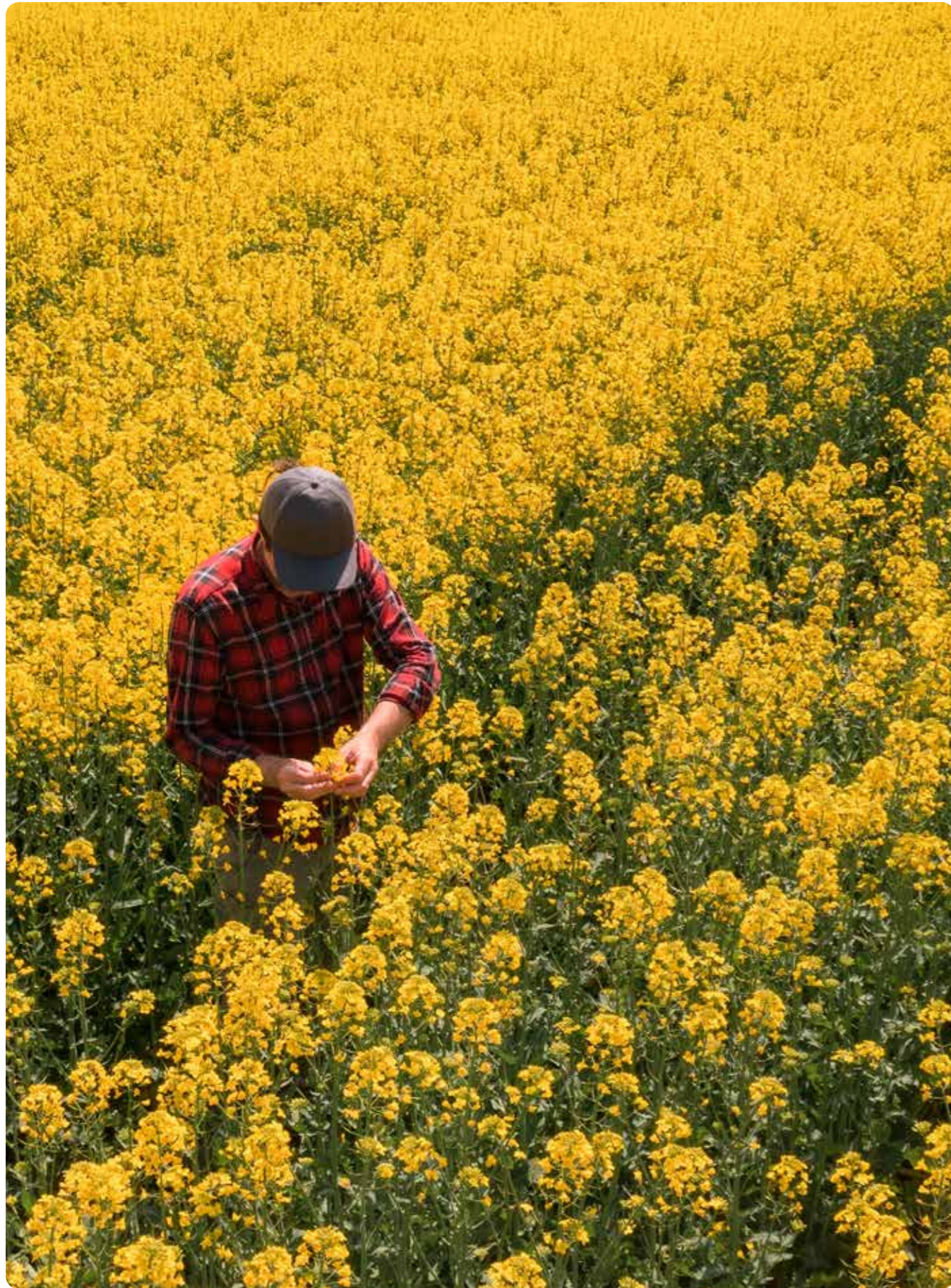
Features & Benefits

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



AVAILABLE IN 1000L TOTE AND 10L JUG

ANNELIDA
SOIL SOLUTIONS



Application &
Mixing Guide

Application & Mixing Guide

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AnneMaxx Seed Enhancements:

RHYZ

MYCO

Application Guide

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

- 10L Advantage + 10L Nutrabooost 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 Nutrabooost 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 Nutrabooost 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 ANNEMAXX 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.
- Rhiz, 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.

Special Considerations

- **DO NOT FREEZE.**
- **SHAKE WELL or AGITATE BEFORE USAGE.**

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 foodsource, 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

AnneMaxx Granular Products:

ANNEMAXX BIOME (AMGR)

ANNEMAXX BLOOM

ANNEMAXX ELITE PHOS

ANNEMAXX GROW

ANNEMAXX ELITE GRAN

Storage

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

Compatibility

- GranMaxx 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.
- GranMaxx 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.

Grower Replicated Field Scale Plot Trials 2022

Barrhead, AB (Wheat Trial)



Seeding Date: May 31

Variety: CDC RUSH

2 Treatments:

Treatment 1: AnneMaxx (MA1 + MA3) + 100% synthetic fertilizer rate.

Treatment 2: AnneMaxx (MA1 + MA3) + 25% less synthetic fertilizer rate.

Control: Grower traditional standard.

3 Replicates:



July 14



August 24

Results:

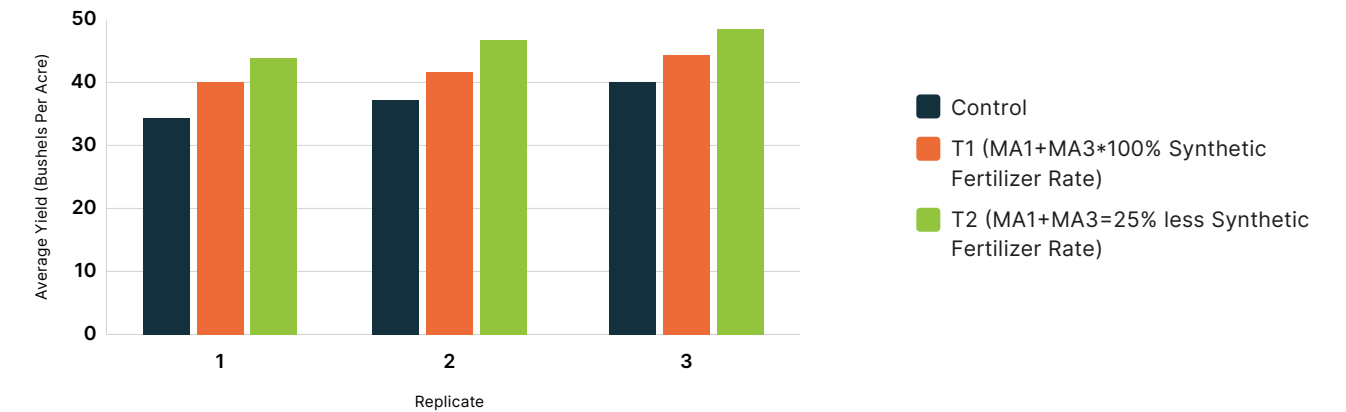
Trial results show that a 25% reduced synthetic fertilizer usage in addition to Annelida's AnneMaxx AG Products (MA1 + MA3), consistently delivered in yield cross all 3 replicates.

An average yield increase of 13% was recorded - 5 bushels/acre yield difference.

Average Yield - Barrhead AB. 2022 Wheat Trial

25% less Synthetic Fertilizer Rate.

13% Yield Increase.



Soil Microbiome Analysis:

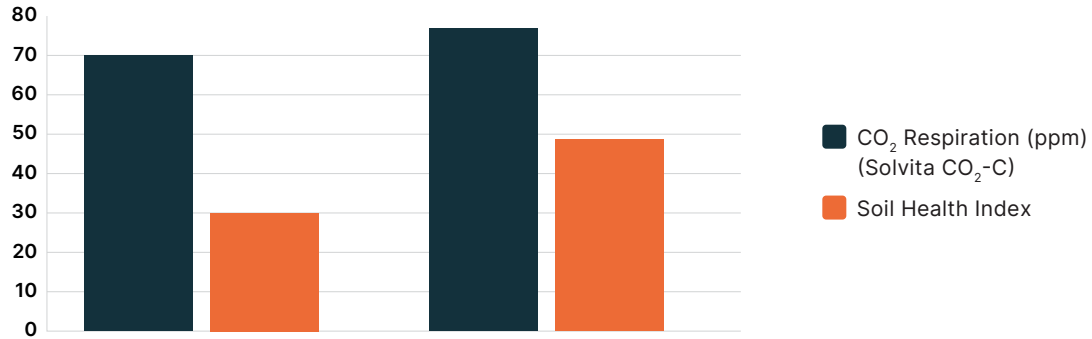
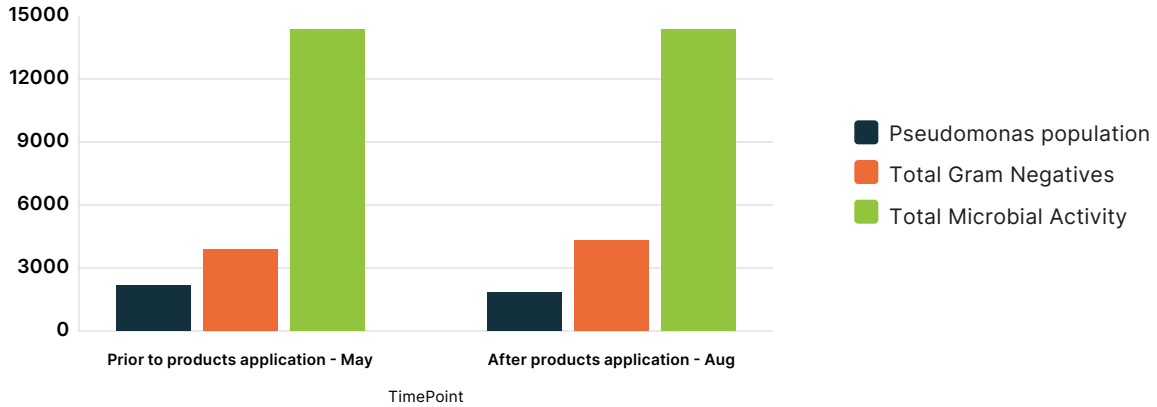
Random composite soil samples were collected at a 10-15 cm depth from 8 different points within each replicate. Microbiome analysis/soil health parameters were evaluated.

May 26 - 1st soil sampling for biological analysis.

Aug 24 - 2nd soil sampling for biological analysis.

Soil health tests (VitTellus Bio SHTest3) were conducted by A & L Laboratories.

Soil Health Test Results Barrhead, AB 2022 Wheat Trial



Spruce Grove, AB (Barley Trial)


 Seeding Date: June 3
 Variety: CDC AUSTENSON

2 Treatments:

- Treatment 1: 100% synthetic fertilizer rate.
- Treatment 2: AMGR + MA1 + MA3 + 25% less synthetic fertilizer rate.

4 Replicates:

Note: Grower has reduced 65% (accumulative) of synthetic fertilizer rate in the past 3 years (2020 - 2022).



July 18



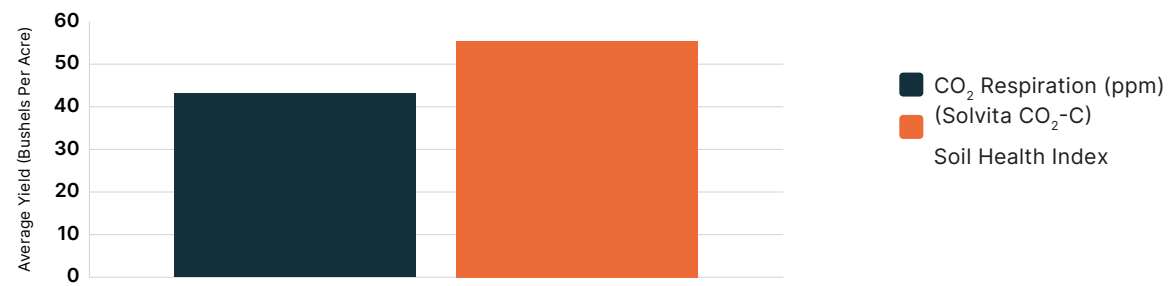
August 16

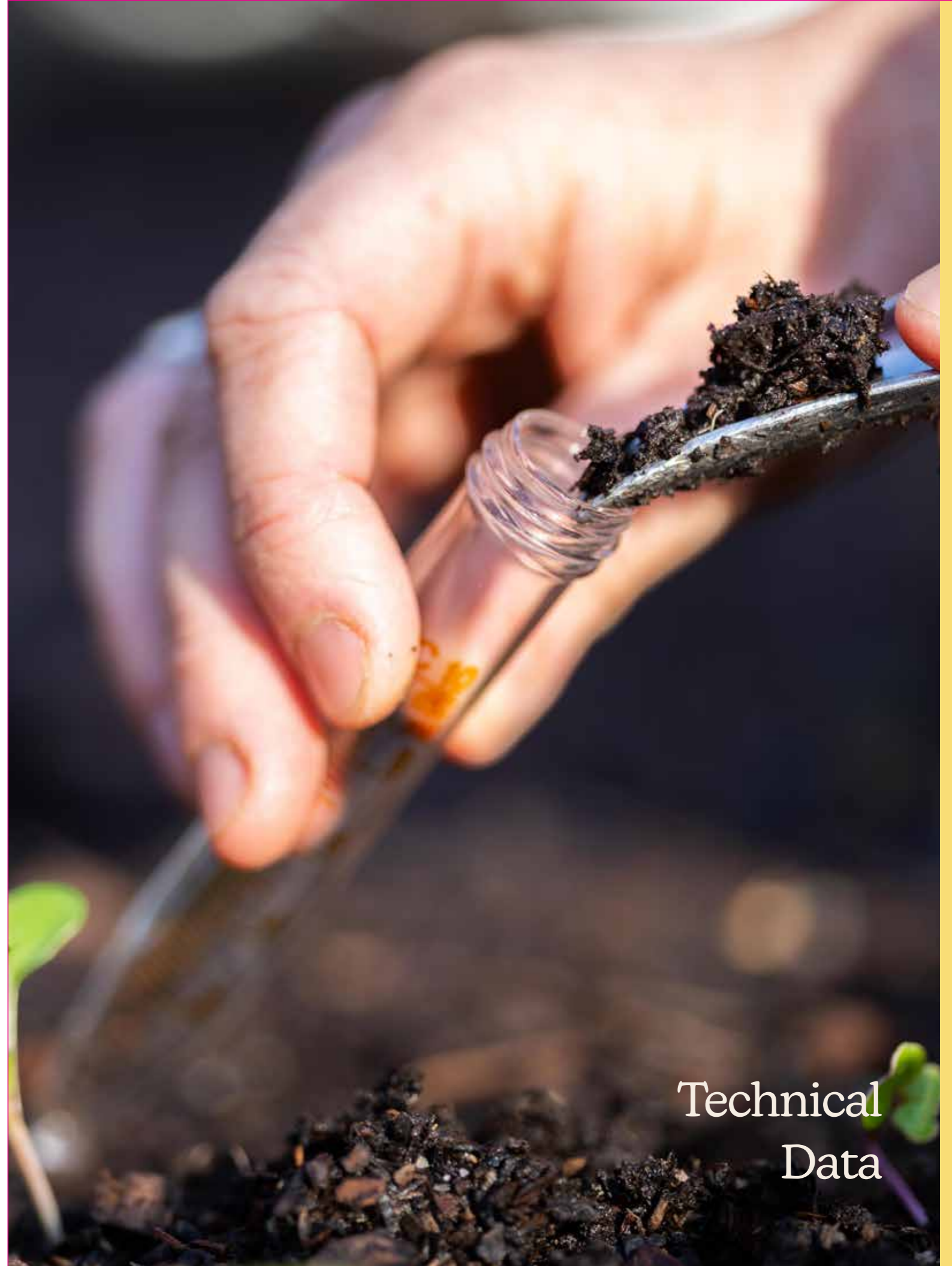
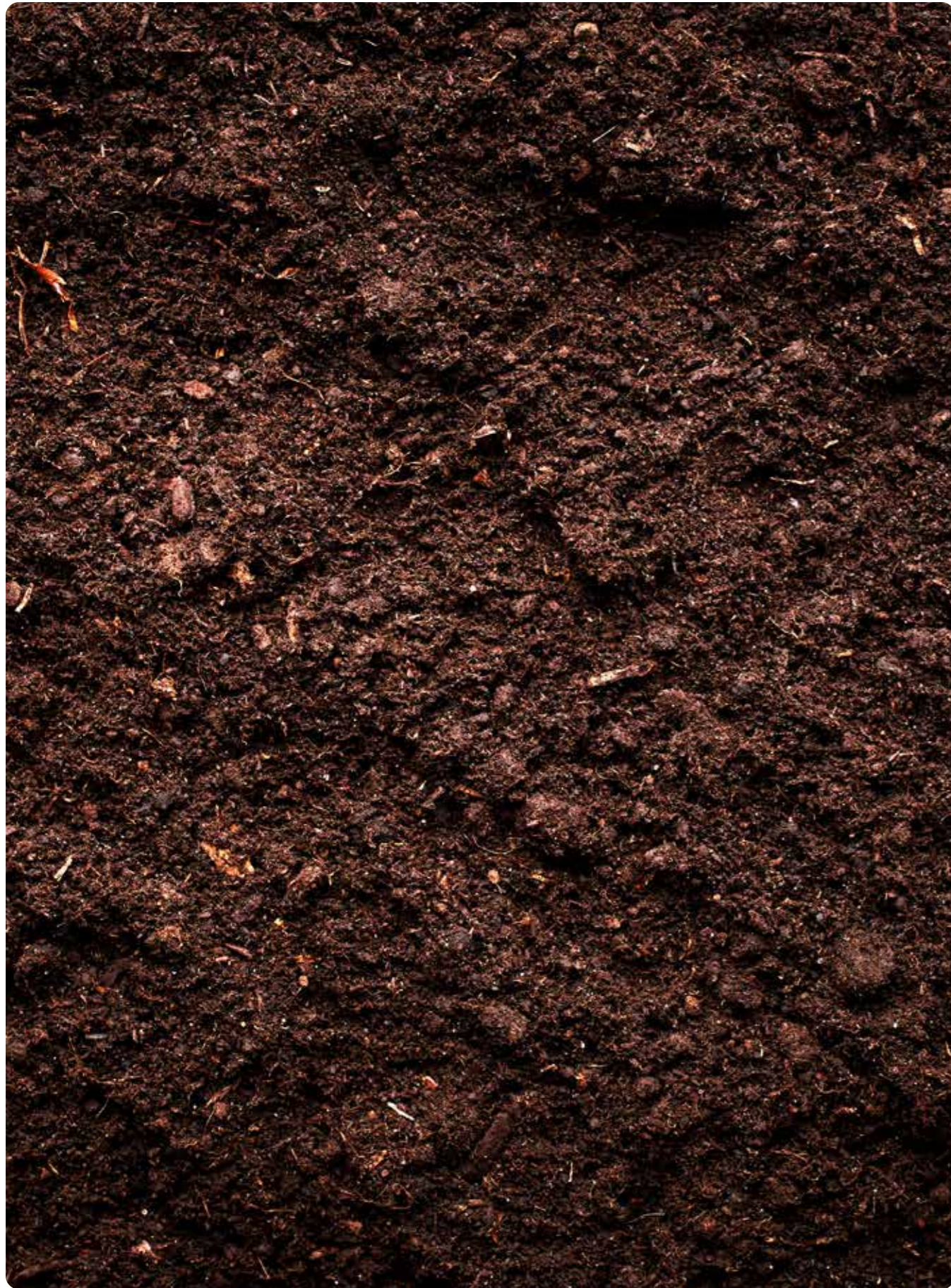
Results:

Trial results show that a 25% reduced synthetic fertilizer usage in addition to Annelida products (AMGR + MA1 + MA3), led to an average yield increase of 23% - 10 bushels/acre yield difference.

Average Yield - Spruce Grove AB. 2022 Barley Trial

- 25% less Synthetic Fertilizer Rate.
- 13% Yield Increase.





Technical
Data

Technical Data

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AnneMaxx Advantage

Safety Sheet

Identification

Product Identification:	Annelida Soil Solutions MA1 (AnneMaxx Advantage).
Formula:	Vermicompost. Water.
Product Use:	Soil Drench Amendment. Foliar Spray.
Company Identification:	Annelida Soil Solutions 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.
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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.

AnneMaxx Enhance

Safety Sheet

Section 1. Chemical Product and Company Identification

Product Name:	Premier Gro 4-4-4.
Trade Name:	4-4-4.
Distributor:	Cropland Solutions Inc. 9068 51st 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.
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.
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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.

Section 14. Transport Information

UN : UN number: Not Classified.

Section 15. Regulatory Information

EC Classification: This product is not classified according to the EU regulations.

Section 16. Other Information

MSDS first issued: 27.07.2020

MSDS data revised: 23.03.2021

AnneMaxx Enhance Plus Safety Sheet

Section 1. Chemical Product and Company Identification

Product Name: Premier Gro 3-6-3.
Trade Name: 3-6-3.
Distributor: Cropland Solutions Inc.
9068 51st 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 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 CO₂.

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.

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.

Section 15. Regulatory Information

EC Classification: This product is not classified according to the EU regulations.

Section 16. Other Information

MSDS first issued: 27.07.2020

MSDS data revised: 23.03.2021

AnneMaxx Biome

Safety Sheet

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 Tel. 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.
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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.
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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 it’s 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.

AnneMaxx NUTRABOOST

Safety Sheet

Section 1. Chemical Product and Company Identification

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

Section 2. Composition, Information on Ingredients

HAZARDOUS INGREDIENTS/CHEMICAL COMPOSITION

Humic Acid:	15%.
Ascophyllum nodosum 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.

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 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.
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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.

Section 14. Transport Information

UN : UN number: Not Classified.

Section 15. Regulatory Information

EC Classification: This product is not classified according to the EU regulations.

Section 16. Other Information

MSDS first issued: 27.04.2019

Cropland Solutions Inc. NUTRABOOST Safety Sheet

Section 1. Chemical Product and Company Identification

Product Name: Vigor Plus (NUTRABOOST).

Trade Name: Vigor Plus (NUTRABOOST).

Distributor: Cropland Solutions Inc.
9068 51st Ave NW
Edmonton, AB, T6E 5X4

Section 2. Composition, Information on Ingredients

HAZARDOUS INGREDIENTS/CHEMICAL COMPOSITION

Humic Acid: 15%.

Ascophyllum nodosum 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 CO₂.

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.
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.
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Section 13. Disposal considerations

Disposal considerations:	Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.
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Container information:	Container should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.
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Section 14. Transport Information

UN : UN number:	Not Classified.
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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:	27.04.2019
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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 Required pH (4-5) Final water colour: Pink	In-furrow or Soil application Required pH (6.5-7) Final water colour: Yellow or Orange
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	3.00%
Available Phosphoric Acid	10.00%
Amino acids	24.00%
Polyethylene glycol tert-octylphenyl ether	5.00%
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.

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 65	kg/m ³ 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

100% ORGANIC

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

NET VOL: 10 L
USE BEFORE:
BATCH #:

AnneMaxx Liquid H

Safety Sheet

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 T8A 4V2 Canada
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.
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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.

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 50oC 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.
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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.

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 63	kg/m ³ 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

100% ORGANIC

AnneMaxx Liquid F

Safety Sheet

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 T8A 4V2 Canada
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.
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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.

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 50oC 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.
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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.

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

AnneMaxx Elite Gran Safety Sheet

Section 1. Product and Manufacturer Identification

Product Identifier: Elite Gran.

Product Name: Hydrolyzed feather and porcine meal.

Product Code: NA.

Company Name and Address: Cropland Solutions Inc.
9068 51st Ave NW
Edmonton, AB T6E 5X4

Company Phone Number: 587-882-3276

Chemical Emergency: 1-587-882-3276

Section 2. Hazard Identification

GHS Classification: Mild Eye Irritant (Class 2B).
Respiratory Irritant Category 3.

Signal Word: Warning.

Pictograms:



Hazard Statement: Causes Eye Irritation.
May Cause Respiratory Irritation.
Not Fit For Human Food.

Prevention: Avoid Breathing Dust Wash thoroughly after handling.

Response: If in eyes: Rinse continuously with water for several minutes. If exposed or concerned get medical advice or attention.

Precautionary Statement: Storage: Keep dry.

Disposal: NA.

Potential Environmental Effects: NA.

Section 3. Composition / Information on Ingredients

Chemical Name	Common Name	CAS No.	% By Weight
Hydrolyzed Feather Meal	Feather Meal	NA	75%
Hydrolyzed Porcine Meal	Porcine Meal	NA	20%
Mined Calcium Sulphate	Gypsum		5%

Section 4. First Aid Measures

Eye Contact:	Flush eyes with water for at least 15 minutes;
Skin Contact:	Wash affected skin with soap and water.
Inhalation:	Remove to fresh air. Seek medical attention for breathing difficulties;
Ingestion:	Not an expected route of exposure.
Note to Physicians:	NA.

Section 5. Fire Fighting Measures

Flammable Properties:	Non Flammable.
Suitable Extinguishing Media:	Extinguish with water, dry chemical powder or foam.
Unsuitable Extinguishing Media:	NA.
Products of Combustion:	Oxides of Carbon.
Protection of Firefighters:	Wear pressure demand, self-contained breathing apparatus (scba), and full protective bunker gear, Avoid inhalation of combustion products.

Section 6. Accidental Release Measures

Personal Protection:	Coveralls, gloves, and dust masks may be worn for comfort.
Emergency Procedures:	Sweep up spills. Use good housekeeping practices and avoid creating dust during cleanup.
Environmental Precautions:	Contain material and prevent entry into waterways.
Methods for Containment:	NA.
Methods for Clean-up:	Dry cleaning methods are preferred.
Other Information:	NA.

Section 7. Handling and Storage

Handling:	Keep dry; Practice good housekeeping by avoiding dust accumulation on surfaces;
Storage:	Store at ambient temperatures and under dry conditions.
Incompatibles:	None Known.

Section 8. Exposure Controls / Personal Protection

Component/Chemical	OSHA PEL (or CEILING)	ACGIH TLV (or STEL)	Other – OEL*
Nuisance Dust	15 mg/m3 Total Dust	10 mg/m3 Inhalable dust	NA
	5 mg/m3 Respirable dust	3 mg/m3 Respirable dust	

Engineering Controls:	Provide general or local ventilation to minimize dust levels.
Eye/Face Protection:	Use safety glasses or goggle in dusty conditions.
Skin Protection:	None required, but coveralls and gloves can be worn for good hygiene.
Respiratory Protection:	Dust masks may be worn for comfort.
General Hygiene Considerations:	Hand washing; No eating, drinking and minimize hand to mouth contact.
*OEL Source:	NA.

Section 9. Physical and Chemical Properties

Color	Light tan to dark brown	Physical State	Granular solid
Odor	Fresh chicken meal	Odor Threshold	None Known
pH	NA	Melting/Freezing Point	NA
Boiling Point & Range	Decomposes	Evaporation Rate	NA
Flash Point	NA	Flammability (Solid, Gas)	NA
Upper Flammability Limit	None Known	Lower Flammability Limit	NA
Vapor Pressure	NA	Vapor Density	NA
Relative Density (specific gravity)	None known	Solubility (Water)	Sparingly Soluble
Partition Coefficient	NA	Auto-Ignition Temperature	NA
Decomposition Temperature	None known	Percent Volatile, wt. %	0
VOC Content, wt. %	0	Viscosity	NA

Section 10. Stability and Reactivity

Reactivity:	NA.
Chemical Stability:	Stable.
Conditions to Avoid:	High temperatures, dust generation and ignition.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	None Known.
Possibility of Hazardous Reactions:	NA.

Section 11. Toxicological Information

Acute Effects:

Oral LD ₅₀	No data available	Dermal LC ₅₀	No data available
Inhalation	No data available	Inhalation LC ₅₀	No data available
Eye Irritation	No data available	Skin Irritation	Not expected to be a skin irritant
Sensitization	Not expected to be a sensitizing agent		

Chronic Effects:

Carcinogenicity	Not Listed
Mutagenicity	No data available
Reproductive Effects	No data available
Developmental Effects	No data available
Specific Target Organ Toxicity	No data available
Signs and Symptoms Of Exposure	Mechanical irritation of the skin, eyes and throat may occur from dust.

Section 12. Ecological Information

Ecotoxicity:	No data available.
Persistence/Degradability:	Biodegradable.
Biaccumulation/Accumulation:	Does not bio-accumulate.
Mobility In Environment:	No data available.

Section 13. Disposal Considerations

Disposal:	Not considered a hazardous material for disposal. Follow the waste disposal requirements for your country, state and local authorities.
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Section 14. Transportation Information

US DOT (ground/air/water):	NA Not considered a hazardous material for shipping.
Proper Shipping Description:	Feather and Porcine Meal.

Section 15. Other Information

NFPA 704: National Fire Protection Association
(0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=severe hazard, 4=extreme hazard)

Health	Fire	Reactivity	Special Hazards
0	0	0	0

PREPARATION DATE: March 25, 2021
REVISION DATE:
REVISION NOTES:

BY: Karthi Narayanan

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for their individual particular use.

AnneMaxx Elite PhoS Safety Sheet

Section 1. Identification

1.1 Product Identifier:	Product Form: Mixture. Product Name: Elite PhoS.
1.2. Intended Use of the Product:	Use of the Substance/Mixture: fertilizer (organic) or industrial use.
1.3. Name and Address:	Cropland Solutions Inc. 9068 51st Ave NW Edmonton, Alberta T6E5X4
1.4. Emergency Telephone Number:	1-587-882-FARM (3276) For Information, Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident.

Section 2. Hazard Identification

2.1. Classification of the Substance or Mixture:

GHS-US/CA Classification

HHNOC 1	
Skin Irrit. 2	H315
Eye Dam. 1	H318
Carc. 1A	H350
STOT RE 1	H372
Aquatic Acute 3	H402

Full text of hazard classes and H-statements: see Section 16.

Label Elements:

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA):



Signal Word (GHS-US/CA):

Danger.

Hazard Statements (GHS-US/CA):

Causes skin irritation.

Precautionary Statements (GHS-US/CA):

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust. • Wash skin thoroughly after handling. • Do not eat, drink or smoke when using this product.
Wash hands, forearms, and other exposed areas thoroughly.
after handling. P270 - Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, and eye protection.
IF IN EYES: Rinse cautiously with water for several minutes.

Naturally occurring material. No direct hazardous components are known.

Dust from product could cause eye, respiratory or gastric irritation. Wear dust masks and safety glasses/goggles when in contact and avoid ingesting.

Elite PhoS is a natural blend of minerals, used as a fertilizer material. It has ProCert organic certifications.

Other Hazards: None.

2.4. Unknown Acute Toxicity (GHS-US): None listed nor known.

Section 3: Composition/Information on Ingredients

3.1. Substance: Not applicable.

3.2. Mixture:

Name	Product Identifier	%	CAS No.
Chemical Family: Soft Rock Phosphate Mineral Ore.		75%	7704-34-9
Can also be known as Soft Phosphate with clay.		15%	
Chemical Family: Elemental Sulphur Organic Compost		10%	

Section 4: First Aid Measures

4.1. Description of First-aid Measures: Follow good hygiene practices. Wash with soap and water, flush eyes if irritated.

Health Hazards (Acute and Chronic) No acute health hazards. Nuisance dust may require use of dust mask and safety glasses.

Carcinogenicity: None Known	NTP?	IARC Monographs?	OSHA Regulated?
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4.2. Description of First-aid Measures: **General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed: If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

Section 5: Fire-fighting Measures

5.1. Extinguishing Media: Material is Non flammable.
Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

5.2. Special Hazards Arising from the Substance or Mixture:
Fire Hazard: Not considered flammable.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters:

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products: none.
Other Information: Do not allow run-off from firefighting to enter drains.

Reference to Other Sections: Refer to Section 9 for flammability properties.

Section 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures: Handle like any natural or fertilizer material. Dispose of in accordance with local, state and federal regulations.
Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. For Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protective equipment (PPE).
Emergency Procedures: none.

6.1.2. For Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures- secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions:

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up:

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

Methods for Cleaning Up:

Clean up spills immediately and recycle or dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping.

Section 7: Handling and Storage

7.1. Precautions for Safe Handling:

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Do not get in eyes, on skin, or on clothing.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities:

Technical Measures: Comply with applicable regulations.
Incompatible Materials: none.

7.3. Specific End Use(s)

Section 8: Exposure Controls/Personal Protection

8.1. Control Parameters:

Use simple PPE- work clothes, gloves, eye protection for dust.

8.2. Exposure Controls:

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing:

Hand Protection: Wear protective gloves.

Eye and Face Protection: Glasses or goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: None specified, may use dust mask in off-loading or loading.

Other Information: When using, do not eat, drink or smoke.

Section 9: Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties:

Physical State:	Powder, dust, granule.
Appearance:	Brown to tan.
Odor:	none.
Odor Threshold:	none.
pH:	6-8.
Evaporation Rate:	No data available.
Melting Point:	No data available.
Freezing Point:	No data available.
Boiling Point:	No data available.
Flash Point:	none.
Auto-ignition Temperature:	none.
Decomposition Temperature:	none.
Flammability (solid, gas):	none.
Vapor Pressure:	none.
Relative Vapor Density at 20°C:	none.
Relative Density:	none.
Specific Gravity:	1.2-1.4.
Solubility:	low.
Partition Coefficient: N-Octanol/Water:	none.
Viscosity:	none.

9.2. Other Information: No additional information available.

Section 10: Stability and Reactivity

NATURAL PRODUCT, NON-REACT, STABLE

10.1. Reactivity: Hazardous reactions will not occur.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see Section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: None.

10.5. Incompatible Materials: None.

10.6. Hazardous Decomposition Products: None expected under normal conditions of use.

Section 11: Toxicological Information

11.1.:

Skin Corrosion/Irritation:	Causes skin irritation.
pH:	6.8.
Eye Damage/Irritation:	Causes serious eye damage.
pH:	6.8.

Respiratory or Skin Sensitization:	Not classified.
Germ Cell Mutagenicity:	Not classified.
Carcinogenicity:	May cause cancer (Inhalation).
Specific Target Organ Toxicity (Repeated Exposure):	May cause damage to organs (lung/ respiratory system) through prolonged or repeated exposure (Inhalation).
Reproductive Toxicity:	Not classified.
Specific Target Organ Toxicity (Single Exposure):	Not classified.
Aspiration Hazard:	Not classified.
Symptoms/Injuries After Inhalation:	Respiratory tract irritation.
Symptoms/Injuries After Skin Contact:	Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Ingestion:	Ingestion may cause adverse effects.

Section 12: Ecological Information

12.1. Toxicity:

Ecology - General: Not classified.

Naturally occurring rock phosphate, elemental sulfur, compost)

LC50 Fish 1	None.
EC50 Daphnia 1	None.
EC50 Other Aquatic Organisms 1	None.
LC50 Fish 2	None.
EC50 Other Aquatic Organisms 2	None.

12.2. Persistence and Degradability:

Product A

Persistence and Degradability: Not established.

12.3. Bio accumulative Potential:

Product A

Bio accumulative Potential: Not established.

Isopropyl alcohol (67-63-0)

Log Pow: 0.05 (at 25 °C).

12.4. Mobility in Soil:

Designed for use as fertilizer

12.5. Other Adverse Effects:

Other Information: None.

Section 13: Disposal Considerations

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Sweep up product for use, recycle or disposal.

Ecology - Waste Materials: Avoid direct release to waterways.

Section 14: Transport Information

14.1. In Accordance with DOT

Proper Shipping Name Elite PhoS, dry.

Hazard Class:

Identification Number:

Label Codes: STCC 14714-410

Packing Group:

ERG Number:

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport.

14.2. In Accordance with IMDG Not regulated for transport.

14.3. In Accordance with IATA Not regulated for transport.

14.4. In Accordance with TDG Not regulated for transport.

Section 15: Regulations

15.1. Federal Regulations

Rock Phosphate

Phosphate rock, dry

DSL Domestic Substance List Sulphur (CAS 7704-34-9) is on the DSL.

**SARA Section 313
- Emission Reporting** None.

Section 16: Other Information, Including Date of Preparation or Last Revision

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

First SDS January 25, 2020.

The information presented in the Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. However, neither Replenish nor its affiliates assume any liability whatsoever for the accuracy or completeness of the information contained herein. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

~ End of Safety Data Sheet ~

Issue Date: Jan 25, 2020



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 AnneMaxx Ag Turf AMGR (AnneMaxx Advantage)

Company

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

Categories

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

Use Class

Crop Fertilizers and Soil Amendments

Date Listed

20-Jul-2023

Expiration

1-Dec-2024

Status

Allowed with Restrictions

Product code

ann-17884

Restrictions

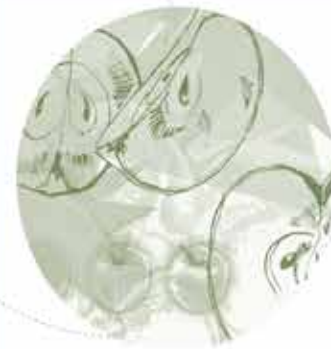
Refer to specific ingredient categories for applicable use restrictions.
For correcting calcium and sulphur deficiencies and soil salinity problems.

Executive Director/CEO

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OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program regulations.

Product

ANNELIDA ORGANICS Premium Worm Casting

Company

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

Categories

NOP: Worm Castings

Use Class

Crop Fertilizers and Soil Amendments

Date Listed

28-Mar-2023

Expiration

1-Dec-2024

Status

Allowed

Product code

ann-18258

Restrictions

Not applicable.

Executive Director/CEO

Product review is conducted according to the policies in the current *OMRI Policy Manual*® and based on the standards in the current *OMRI Standards Manual*®. This certificate may be out of date. Verify the current certificate online at OMRI.org, or contact OMRI for verification. OMRI listing is not equivalent to organic certification and is not a product endorsement, and 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 USDA accredited certification agent. It is the operator's responsibility to properly use the product, including following any restrictions.



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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

Company

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

Status

Allowed with Restrictions

Categories

COR: Compost Tea

Date Listed

11-Jan-2021

Product code

ann-14072

Use Class

Crop Fertilizers and Soil
Amendments

Expiration

1-Dec-2024

Restrictions

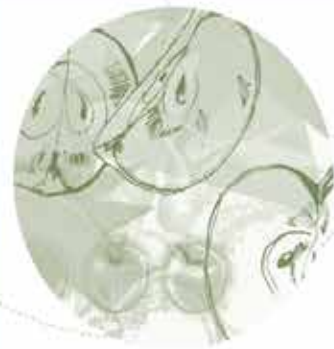
If compost tea is applied directly to the edible parts of plants, the operator shall be able to demonstrate that best practices known to eliminate pathogens during the processing have been used OR that the requirements for raw manure, as specified in 5.5.2.5 of CAN/CGSB-32.310, have been met.

Executive Director/CEO

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OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program regulations.

Product

ANNELIDA ORGANICS Premium Worm Casting Liquid Extract

Company

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

Status

Allowed with Restrictions

Categories

NOP: Compost Tea, from
composted manure
feedstock

Date Listed

30-Mar-2023

Product code

ann-18259

Use Class

Crop Fertilizers and Soil
Amendments

Expiration

1-Dec-2024

Restrictions

Must be used in a manner that does not contribute to contamination of crops, soil, or water by pathogenic organisms in accordance with §205.203(c).

Executive Director/CEO

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ANNELIDA
SOIL SOLUTIONS



Cultivating Tomorrow.
Nurturing Agriculture
Growth Today.