



ANNELIDA®
SOIL SOLUTIONS

ANNEMaxx® AG



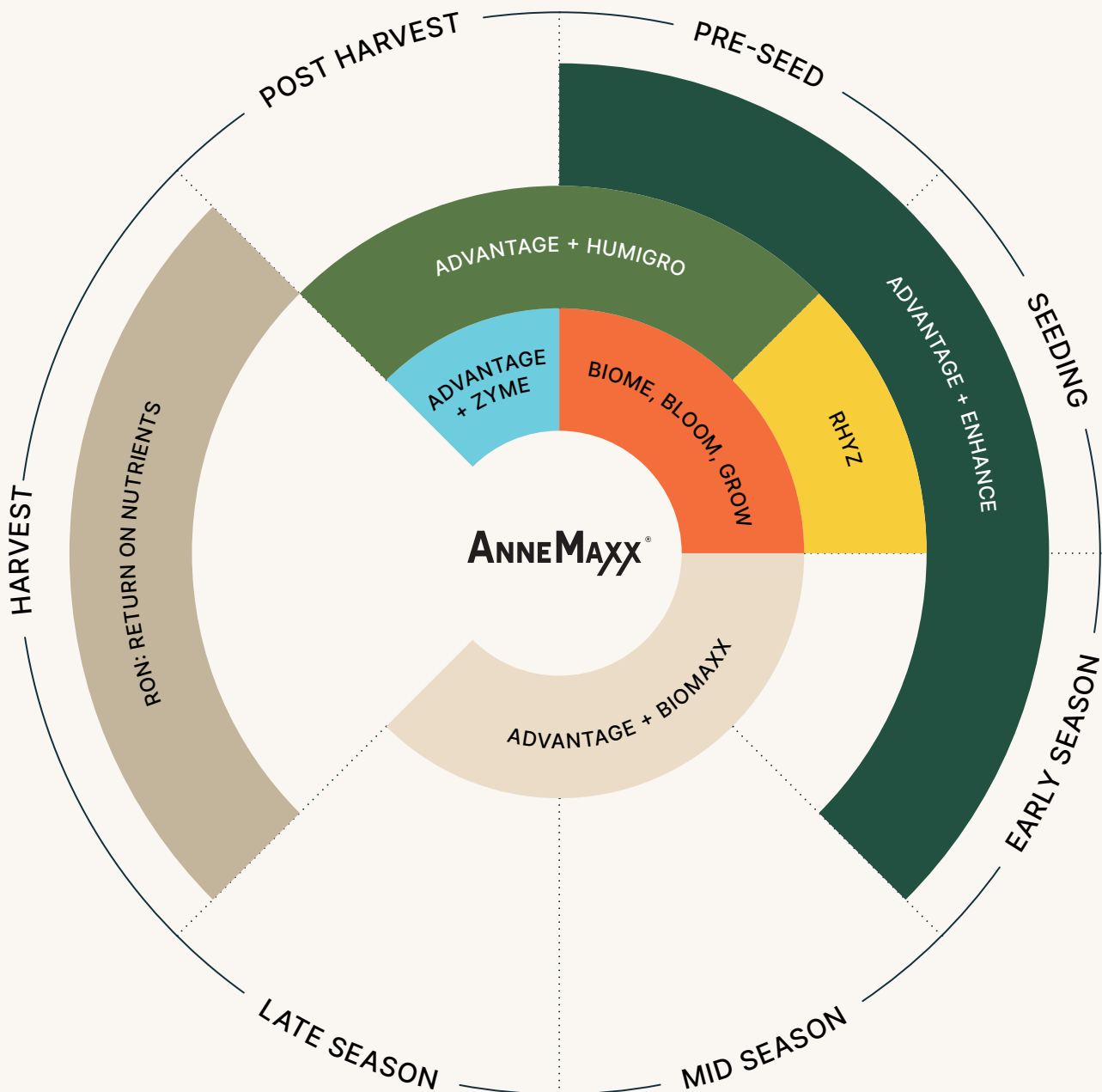
Building Healthy Soil

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Product & Crop Lifecycle

This is the AnneMaxx® Product wheel matching our products with the lifecycle of the crop. On each "Slice" or stage in the crop lifecycle, we have two or more of our products that can be used. From pre-seed to post-harvest, AnneMaxx® products have a place in building soil, healthy plants, increasing yield, quality, and most importantly profitability.



*Please contact your AnneMaxx® rep for specific product timing & application rates.

Tank Mixing Made Easy

(For use with Annelida biological and soil health products)

1 Start Clean

- Fill the sprayer about three-quarters full of clean water.
- Start agitation and keep it running during the entire process.

2 Add in This Order

Step	Product Type	Example / Notes
1	Water conditioners	Add AMS or similar to treat hard water first.
2	Dry products	WDG, DF, WP — dissolve completely before adding liquids.
3	Liquid actives	SC, SL, OD, CS — add one at a time under agitation.
4	ECs & Oils	Add emulsifiable concentrates and crop oils (EC, MSO, COC).
5	Annelida products	Add AnneMaxx® products after ECs and before surfactants. Maintain gentle, continuous agitation.
6	Surfactants / Drift aids	Add last unless the label indicates otherwise.

3 Best Practice Tips

Do not add Annelida products before herbicides or oils.

Use clean, neutral-pH water and avoid strong acids.

Apply the mixture soon after preparation; do not store overnight.

Always follow pesticide label instructions for compatibility and sequence.

A clean, stable mix ensures the best performance from your chemistry and your Annelida products.

Add AnneMaxx® products near the end of the mixing process for maximum biological activity and consistent field results.

4 Mixing instructions:

For liquid products: Carefully measure the recommended amounts of product(s) and water. Fill tank with $\frac{1}{2}$ to $\frac{3}{4}$ of the selected volume of water prior to the addition of the product. Start mechanical or hydraulic agitation. Homogenize and slowly add the AnneMaxx® product(s). Continue to fill the tank with water to the desired volume while agitating to achieve uniform distribution and prevent settling. Use only freshly mixed solution. Do not mix more than 24 hours prior to application.

5 Professional advice

Adjust the application rates and doses per recommendations of your local agronomist or an Annelida Specialist.

ANNE MAXX[®]

BIOME

(AMGR)



Pre-Seed – Seeding

Product Overview

AnneMaxx[®] Biome is a granular biological soil amendment containing a highly diverse blend of concentrated microbes, beneficial bacteria, fungi, and organic matter. It complements any fertilizer program by improving soil microbial activity, enhancing nutrient availability,

and supporting plant–root symbiosis. Biome contains Annelida's proprietary worm castings, humates, gypsum-based calcium, and T-Carbon (biochar), providing a rich biological foundation that builds long-term soil health, structure, and fertility.

Features & Benefits

- Microbial diversity and activity – Delivers a broad consortium of beneficial bacteria and fungi that activate soil biology, improving nutrient cycling and overall soil vitality throughout the growing season.
- Organic and structural enrichment – Combines proprietary worm castings, humates, and biochar to increase organic matter, improve soil structure, and support long-term fertility.
- Nutrient balance and calcium availability – Supplies gypsum-based calcium and sulfur to improve cation balance, enhance root-zone structure, and strengthen plant cell walls without altering soil pH.
- Improved fertilizer efficiency – Works alongside any fertilizer program to enhance nutrient uptake, water retention, and early plant development, leading to stronger, more resilient crops.
- Sustained soil health and resilience – Builds lasting microbial activity, loosens compacted soils, and supports long-term productivity by maintaining a biologically balanced and nutrient-rich environment.

Application

- Rate: 25-50 kg/ha or 22-44 lb/ac.
- Combine with AnneMaxx[®] Advantage or other AnneMaxx[®] liquid products for better results.
- Apply in-furrow at seeding, banded, or broadcast.
- Can be used as part of any fertilizer blend to enhance microbial activity and nutrient efficiency.

Compatibility

AnneMaxx[®] Biome is compatible with most dry fertilizers and biological amendments.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Keep the container sealed when not in use.

Do not store in humid environments. For additional information, refer to the product SDS.

Presentations Available

1,000 kg bag





Product Overview

AnneMaxx® Bloom is a granular biological soil amendment developed to enhance flowering, reproductive growth, and yield formation. It combines Annelida's proprietary worm castings, humates, lime-based calcium, and T-Carbon (biochar) with a balanced microbial blend to

support nutrient mobility, soil structure, and calcium-driven plant strength. The formulation helps specialty crops such as canola, pulses, and other major crops achieve maximum reproductive potential and higher-quality yields.

Guaranteed Analysis

- Nitrogen (N): 4%
- Phosphorus (P_2O_5): 9%
- Potassium (K_2O): 1%
- Calcium (Ca): 3%

Features & Benefits

- Biological activation and soil vitality – Delivers a balanced microbial consortium that keeps soil biology active through flowering and reproductive stages, improving nutrient cycling and plant performance.
- Organic and structural enrichment – Combines proprietary worm castings, humates, biochar, and lime-based calcium to build soil structure, increase organic matter, and enhance long-term fertility.
- Calcium-driven plant strength. Lime-based calcium improves nutrient transport, strengthens cell walls, and supports flower and pod formation for higher yield potential.
- Optimized pH and nutrient efficiency – Balances soil pH to improve nutrient availability, especially in pH-sensitive specialty crops like canola and pulses, while enhancing fertilizer effectiveness.
- Resilience and crop quality – Enhances stress tolerance, maintains nutrient flow during flowering, and supports grain fill and oil content, ensuring consistent productivity and quality year after year.

Application

- Rate: 28-56 kg/ha or 25-50 lb/ac.
- Combine with AnneMaxx® Advantage or other AnneMaxx® liquid products for better results.
- Apply in-furrow at seeding, banded, or broadcast.
- Can be used as part of any fertilizer blend to enhance microbial activity and nutrient efficiency.

Compatibility

AnneMaxx® Bloom is compatible with most dry fertilizers and biological amendments.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Keep the container sealed when not in use.

Do not store in humid environments. For additional information, refer to the product SDS.

Presentations Available

1,000 kg bag



ANNE MAXX[®]

GROW

(Cereal - Granular)



Pre-Seed – Seeding

Product Overview

AnneMaxx[®] Grow is a granular biological soil amendment formulated to enhance early-season soil and crop performance. It combines Annelida's proprietary worm castings, humates, lime-based calcium, and T-Carbon

(biochar) with beneficial microbes, bacteria, and fungi. This formulation improves soil structure, balances pH, and supports strong root and vegetative growth, driving sustainable productivity in cereals and other major crops.

Guaranteed Analysis

- Nitrogen (N): 6%
- Phosphorous (P_2O_5): 3%
- Potassium (K_2O): 2%
- Calcium (Ca): 3%

Features & Benefits

- Biological activation and soil improvement – Introduces beneficial bacteria and fungi that stimulate soil biology, enhance nutrient cycling, and support symbiotic root interactions for stronger early-season growth.
- Organic and structural enrichment – Combines proprietary worm castings, humates, biochar, and lime-based calcium to improve soil structure, porosity, and water-holding capacity—especially in compacted soils.
- pH balance and nutrient efficiency – Lime-based calcium neutralizes acidity, creating a more favourable environment for nutrient uptake and fertilizer performance.
- Enhanced root and vegetative development – Strengthens root establishment and canopy growth by improving soil aeration, nutrient availability, and cation exchange balance.
- Resilience and long-term fertility – Supports carbon sequestration, stress tolerance, and sustained microbial activity, building soil fertility and productivity season after season.

Application

- Rate: 28-56 kg/ha or 25-50 lb/ac.
- Combine with AnneMaxx[®] Advantage or other AnneMaxx[®] liquid products for better results.
- Apply in-furrow at seeding, banded, or broadcast.
- Can be used as part of any fertilizer blend to enhance microbial activity and nutrient efficiency.

Compatibility

AnneMaxx[®] Grow is compatible with most dry fertilizers and biological amendments.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Keep the container sealed when not in use.

Do not store in humid environments. For additional information, refer to the product SDS.

Presentations Available

1,000 kg bag



ANNEMaxx® RHYZ

Seed Enhancer



Seeding

Product Overview

AnneMaxx® RHYZ is a two-part seed enhancement system that combines the biology of AnneMaxx® Advantage with a precisely balanced bio activator. It delivers diverse microbial populations that stimulate

early germination, strong root development, and uniform stand establishment. By enhancing microbial activity in the rhizosphere, RHYZ improves nutrient availability, early vigour, and resilience across all major crops.

The package contains two components

Component A: AnneMaxx® Advantage

Component B: AnneMaxx® Rhyz

Features & Benefits

- This two-part seed enhancement system pairs the biology of AnneMaxx® Advantage with a carefully balanced bioactivator to deliver a diverse population of beneficial microbes directly to the seed surface. The formulation establishes early microbial contact, allowing emerging roots to immediately interact with active soil organisms that stimulate biological processes and jump-start plant growth.
- By colonizing the rhizosphere, these microbes accelerate germination, strengthen root establishment, and promote uniform stand development. The improved microbial activity enhances nutrient mobilization and uptake during the earliest stages of growth, giving seedlings a strong and competitive start.
- The system fuels the activity of AnneMaxx® Advantage in the soil, intensifying both fungal and bacterial processes that drive nutrient release and support balanced root and shoot growth. This synergy results in vigorous seedlings with greater early-season vigor and improved overall plant health.
- Enhanced biological and nutrient activity also contributes to higher resilience against environmental stress and soil-borne pathogens. The improved root-zone biology supports more consistent seedling emergence, stronger establishment, and better stand uniformity across all major crop types.

Application

- Mix both components (A and B) with water in 1:1:20 proportion by volume.
 - 1 part of AnneMaxx® Rhyz
 - 1 part of AnneMaxx® Advantage
 - 20 parts of water
 - Total: 22 parts
- Apply 350-500 ml (10.1-16.9 fl oz) per 100 kg (220 lb) of seed before planting.
- IMPORTANT: Seek the advice of the county agricultural representative or a professional agricultural consultant to advise on application rate based on crop and seed size.

Compatibility

The product is compatible with most commonly used seed treatments and inoculants.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

A case with 2 containers: Component A - 10 L, Component B - 10 L, 20 L in total





Product Overview

AnneMaxx® Advantage is a liquid extract derived from Annelida's proprietary worm castings. It contains a rich and diverse population of beneficial bacteria and fungi in a stable, dormant form. Designed as the biological

foundation for all AnneMaxx® products, Advantage enhances soil microbiology, improves nutrient cycling, and supports balanced fertility and resilient plant growth across all crop systems.

Features & Benefits

- This liquid extract, sourced from Annelida's proprietary worm castings, provides a rich foundation of naturally occurring microorganisms that form the base of the AnneMaxx® biological system.
- It contains a diverse and stable population of beneficial bacteria and fungi in a dormant state, ready to activate upon application. These organisms stimulate soil biology, improve nutrient cycling, and help maintain a balanced and productive soil environment.
- By enhancing microbial activity and accelerating the conversion of organic matter into plant-available nutrients, it supports better nutrient efficiency and overall soil fertility. It also improves soil aeration and structure, encouraging strong root development and a resilient crop response.
- Serving as the biological platform for all AnneMaxx® liquid formulations, it ensures consistent performance and compatibility across the entire product line. Its balanced composition promotes steady nutrient availability and helps plants better tolerate environmental stress throughout the growing season.

Application

- The product can be used as a standalone soil or foliar fertilizer. For better results, apply as a blend of other liquid AnneMaxx® products with AnneMaxx® Advantage at a 1:3 ratio by volume.

- See instructions for other AnneMaxx® products for mixing and applying with AnneMaxx® Advantage.
- Mix:
 - 2.47-7.41 L/ha (1-3 L/ac)
 - Water 100-150 L/ha (10-16 gal/ac)
- Apply in soil or as a foliar spray.

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing.

Storage & Handling

Store in a cool, dry location out of direct sunlight – product is light sensitive and should only be exposed to sunlight during mixing and application. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L totes



ENHANCE+ (MA3)

Designed to be applied in tandem with AnneMaxx[®] Advantage



Product Overview

AnneMaxx[®] Enhance+ is a bioactive liquid formulation containing amino acids, bioavailable phosphorus, complexed potassium, and organic carbon. It complements AnneMaxx[®] Advantage by activating and

strengthening the microbial processes initiated in the soil, enhancing nutrient release and supporting reproductive and flowering stages for optimal performance in canola, pulses, and specialty crops.

Guaranteed Analysis

- Nitrogen (N): 3%
- Phosphate (P₂O₅): 6%
- Potassium (K₂O): 3%

Features & Benefits

- This bioactive liquid formulation combines amino acids, bioavailable phosphorus, complexed potassium, and organic carbon to enhance soil fertility and overall plant performance. It is designed to work in conjunction with AnneMaxx[®] Advantage, reinforcing the microbial activity already established in the soil and improving the natural release of nutrients.
- By feeding and activating beneficial soil microbes, it strengthens root development, accelerates nutrient uptake, and supports early vegetative growth. The enhanced microbial processes improve fertilizer efficiency, allowing crops to make better use of applied nutrients and reducing overall input waste.
- Seaweed-derived cytokinins promote vigorous growth by stimulating cell division and root elongation, while humic carbon compounds improve soil structure and sustain microbial health. The presence of bioavailable amino acids supports plant metabolism and helps crops withstand environmental stresses such as drought, salinity, and temperature extremes.
- Through its synergistic biological action, the formulation improves nutrient efficiency, strengthens reproductive development, and optimizes flowering and yield potential, particularly in canola, pulses, and other specialty crops.

Application

- The product can be used as a standalone soil or foliar fertilizer. For better results, apply as a blend of AnneMaxx[®] Enhance Plus with AnneMaxx[®] Advantage at a 1:3 ratio by volume.
- Mix:
 - 1 part of AnneMaxx[®] Enhance+: 2.47 L/ha (1.0 L/ac)
 - 3 parts of AnneMaxx[®] Advantage: 7.41 L/ha (3.0 L/ac)
 - Water 100-150 L/ha (10-16 gal/ac)
- Apply in soil or as a foliar spray.

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L totes



ENHANCE ORGANIC (MA4)

Designed to be applied in tandem with AnneMaxx® Advantage



Product Overview

AnneMaxx® Enhance Organic is a bio-fertility liquid formulation derived from natural amino acids, peptides, and organic matter. It activates and enhances the microbial processes initiated by AnneMaxx® Advantage,

improving nutrient release, soil structure, and crop performance. Specially designed for certified organic systems, it supports balanced fertility and sustained soil health.

Guaranteed Analysis

- Nitrogen (N): 3%
- Phosphate (P₂O₅): 0%
- Potassium (K₂O): 3%

Features & Benefits

- This natural biofertility blend is formulated from amino acids, peptides, and organic matter to enhance soil and plant health in a sustainable way. It works in harmony with AnneMaxx® Advantage, amplifying microbial activity in the soil and accelerating the natural release of nutrients.
- By feeding the beneficial microbes already active in the soil, it improves root development, nutrient uptake, and early vegetative growth, while also supporting later reproductive stages. The enhanced microbial processes lead to more balanced fertility and greater nutrient efficiency throughout the entire crop cycle.
- The organic components contribute to better soil aggregation and overall structure, creating a healthier and more resilient growing environment. They also aid in nutrient retention, helping the soil store and supply essential elements when plants need them most.
- This formulation provides compounds that assist with energy transfer during flowering and grain fill, supporting strong yields even under challenging conditions. It contains amino acids and organic carbon that improve stress tolerance, helping crops withstand drought, salinity, and temperature extremes.
- Optimized for certified organic production, it delivers balanced fertility and consistent performance without synthetic inputs, supporting long-term soil vitality and reliable yields season after season.

Application

- The product can be used as a standalone soil or foliar fertilizer. For better results, apply as a blend of AnneMaxx® Enhance Organic with AnneMaxx® Advantage at a 1:3 ratio by volume.
- Mix:
 - 1 part of AnneMaxx® Enhance Organic: 2.47 L/ha (1.0 L/ac)
 - 3 parts of AnneMaxx® Advantage: 7.41 L/ha (3.0 L/ac)
 - Water 100-150 L/ha (10-16 gal/ac)
- Apply in soil or as a foliar spray.

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L totes



ANNEMAXX[®] ZYME (MA5)

Designed to be applied in tandem with AnneMaxx[®] Advantage



Post Harvest

Product Overview

AnneMaxx[®] Zyme is a next-generation biological catalyst containing a balanced blend of nutrients, amino acids, and humic acids. It activates microbial activity in AnneMaxx[®] Advantage, amplifying biological performance in the soil while accelerating residue breakdown and

organic matter conversion into readily available nutrients. AnneMaxx[®] Zyme strengthens soil biology, nutrient cycling, and structure for sustained soil fertility.

Guaranteed Analysis

- Nitrogen (N): 3%
- Phosphate (P₂O₅): 2%
- Potassium (K₂O): 2%

Features & Benefits

- This next-generation biological catalyst combines nutrients, amino acids, and humic acids in a balanced formulation that activates soil biology and improves overall fertility. Designed to work in synergy with AnneMaxx[®] Advantage, it boosts microbial and enzymatic activity, stimulating the processes that drive nutrient cycling and soil regeneration.
- By accelerating the breakdown of crop residues and organic matter, it converts previously tied-up nutrients into forms that plants can readily absorb. The enhanced nutrient flow within the soil supports stronger crop growth and improves the efficiency of applied fertilizers.
- In addition to its biological effects, the formulation improves soil structure, increasing porosity and aeration while promoting stable aggregation. These improvements help build a resilient root environment that supports long-term fertility and sustainable productivity.
- Ongoing microbial activation contributes to the gradual accumulation of organic matter and the retention of soil carbon. The result is a healthier, more biologically active soil system that maintains fertility, strengthens plant growth, and maximizes fertilizer efficiency across a wide range of cropping conditions.

Application

- The product can be used as a standalone fertilizer. For better results, apply as a blend of AnneMaxx[®] Zyme with AnneMaxx[®] Advantage at a 1:3 ratio by volume.
- Mix:
 - 1 part of AnneMaxx[®] Zyme: 2.47 L/ha (1.0 L/ac)
 - 3 parts of AnneMaxx[®] Advantage: 7.41 L/ha (3.0 L/ac)
 - Water 100-150 L/ha (10-16 gal/ac)
- Apply in fall directly on plant residues left on fields after harvest.

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L totes



ANNE MAXX®

BIOMAXX (MA6)

Designed to be applied in tandem with AnneMaxx® Advantage



Early Season – Late Season

Product Overview

AnneMaxx® BioMaxx is a liquid biological enhancer formulated with amino acids, humic substances, low-ammonia nitrogen, fortified phosphorus, and low-salt potassium acetate. Designed to complement AnneMaxx® Advantage, it drives vigorous vegetative and reproductive

development. Its balanced formulation enhances plant metabolism, nutrient uptake, and stress tolerance, strengthening soil-plant interactions for improved performance across all crop types.

Guaranteed Analysis

- Nitrogen (N): 12%
- Phosphate (P₂O₅): 4%
- Potassium (K₂O): 3%

Features & Benefits

- This liquid biological enhancer is formulated with amino acids, humic substances, low-ammonia nitrogen, fortified phosphorus, and low-salt potassium acetate to support vigorous plant growth and balanced nutrition. It is designed to work synergistically with AnneMaxx® Advantage, activating microbial activity in the soil while improving foliar nutrient uptake and efficiency.
- The formulation enhances plant metabolism, increasing nutrient absorption and promoting both vegetative and reproductive growth. By stimulating root-soil interactions, it supports a more active rhizosphere that improves overall plant performance across a wide range of crop types.
- Through its balanced nutrient composition, it strengthens plant resilience and helps crops tolerate environmental stresses such as drought, heat, or salinity. The improved photosynthetic activity and faster stress recovery contribute to steady growth even under challenging field conditions.
- When applied as a foliar treatment, the formulation provides rapid nutrient delivery through the leaf surface, boosting energy transfer and sustaining metabolic activity through late-season growth stages. This results in stronger crops with improved productivity and higher yield potential.

Application

- The product can be used as a standalone soil or foliar fertilizer. For better results, apply as a blend of AnneMaxx® BioMaxx with AnneMaxx® Advantage at a 1:1 ratio by volume.
- Mix:
 - 1 part of AnneMaxx® BioMaxx: 2.47 L/ha (1.0 L/ac)
 - 1 part of AnneMaxx® Advantage: 2.47 L/ha (1.0 L/ac)
 - Water 100-150 L/ha (10-16 gal/ac)
- Apply in soil or as a foliar spray.

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L totes



LIQUID H

Improves soil structure. Aids nutrient uptake.

Product Overview

Liquid H is a concentrated humic acid solution derived from high-quality leonardite. Acting as both a soil conditioner and biological activator, it improves cation exchange capacity, buffers salinity, and enhances soil

aggregation and moisture retention. When combined with AnneMaxx® Advantage or other AnneMaxx® liquids, it supports long-term soil regeneration and fertility.

Guaranteed Analysis

- Available Potassium (K₂O): 1.8%
- Humic Acid: 12%

Features & Benefits

- This concentrated humic acid formulation functions as both a soil conditioner and a biological activator, improving the physical and biological properties of agricultural soils. It enhances cation exchange capacity (CEC), allowing the soil to retain and deliver essential nutrients more effectively to plant roots while supporting the activity of beneficial microorganisms.
- The formulation helps buffer salinity and mitigate sodium toxicity, restoring balance to the root zone and protecting root health in saline or degraded soils. Its humic content promotes better soil aggregation, porosity, and moisture retention, resulting in improved aeration and water use efficiency.
- Through these combined effects, it fosters stronger microbial proliferation and greater biological activity, which drive nutrient cycling and long-term soil regeneration. When used with AnneMaxx® Advantage or other AnneMaxx® liquid products, it further enhances nutrient uptake and fertilizer efficiency.
- Regular application contributes to sustainable soil management by improving structure, increasing organic matter, and promoting lasting fertility for continued agricultural productivity.

Application

Agriculture

- Seed treatment (spray or drip): 3 % v/v solution.

- Transplant water: 1 % v/v solution.

- In furrow / side band / broadcast (seeding): 9.14-22.24 L/ha or 3.7-9 L/ac applied to soil or seedlings.

- Foliar broadcast (flowering stage): 3 % v/v solution, up to 15 % coverage of plant surfaces.

Horticulture (trees, shrubs, bedding plants, ornamental establishment)

- Apply a 1 % v/v solution or use 15 mL (0.5 fl oz) per L of water when watering.

Turf

- Soil application (seeding or seedlings): 9.14-22.24 L/ha or 3.7-9 L/ac.
- Foliar spray: 3 % v/v solution applied throughout the growing season.

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing. A phytotoxicity test is recommended for foliar applications.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L tote

Manufactured by Global Humic Products Ltd.



LIQUID F

Improves foliar nutrient uptake.

Product Overview

Liquid F is a concentrated liquid formulation derived from naturally occurring fulvic acids, designed to enhance nutrient availability and stimulate microbial and root activity in the soil. Its high reactivity and low molecular

weight make it an effective chelator and transport agent, improving nutrient mobility and the efficiency of fertilizers and biological products across varied soil conditions.

Guaranteed Analysis

- Available Potassium (K₂O): 1.8%
- Fulvic Acid: 1%
- Humic Acid: 1%

Features & Benefits

- This concentrated fulvic acid formulation acts as a highly reactive, low-molecular-weight chelator that binds essential nutrients, keeping them soluble and readily available for plant uptake. Its unique chemistry enhances nutrient mobility within the soil profile, ensuring that key minerals such as calcium, iron, zinc, and manganese are efficiently absorbed through both roots and foliage.
- The formulation stimulates enzymatic and microbial activity in the rhizosphere, accelerating nutrient mineralization and supporting a more active, balanced soil ecosystem. By improving cell membrane permeability and metabolic efficiency, it promotes stronger growth, greater stress tolerance, and more efficient photosynthesis throughout the growing cycle.
- Regular use improves soil structure and cation exchange capacity (CEC), increasing nutrient retention and promoting deeper, more resilient root systems. When used with fertilizers or biological inputs, it enhances their effectiveness, ensuring consistent nutrient availability and higher overall soil fertility across diverse cropping systems.

Application

Agriculture

- Seed treatment (spray or drip) & transplant water: 15-60 mL (0.5-2.0 fl oz) per 100 L (26.4 gal) of solution.
- Broadcast or foliar: 15-60 mL (0.5-2.0 fl oz) per 100 L (26.4 gal) of solution, applied to plant foliage (up to the stage of 15 % flowering) or 70-210 mL/ha or 28-85 mL/ac (0.9-2.9 fl oz/ac).

Turf

- Foliar spray: 15-60 mL (0.5-2.0 fl oz) per 100 L (26.4 gal) of solution, applied throughout the growing season.
- Soil or seedbed application: 70-210 mL/ha or 28-85 mL/ac (0.9-2.9 fl oz/ac).

Compatibility

This product is compatible with most commonly used herbicides and fertilizers, but a compatibility test is always recommended before tank mixing. A phytotoxicity test is recommended for foliar applications.

Storage & Handling

Store in a cool, dry location out of direct sunlight. Do not freeze. Shake or agitate thoroughly before use. For additional information, refer to the product SDS.

Presentations Available

1,000 L tote, 10 L jug

Manufactured by Global Humic Products Ltd.



FIELD TRIALS

The Big Takeaways

21 independent field trials evaluated 56 experimental treatments across multiple crops.

- Yield gains with reduced fertility
- 1-38% yield increase across crops
- 15-40% reduction in fertilizer per acre
- Performance achieved without compromising crop health

Results across crops.

	Yield Increase	Positive Response	Average ROI
Wheat	2-22%	15 of 17 treatments	141%
Canola	1-22%	12 of 18 treatments	43%
Peas	3-38%	8 of 12 treatments	217%

Profitability was the norm, not the exception.

Treatments Delivering Positive ROI

- Granular: 17 of 24 treatments
- Liquid: 17 of 22 treatments
- Foliar: 9 of 15 treatments

Average ROI by Product Type

- Granular: 131%
- Liquid: 119%
- Foliar: 52%

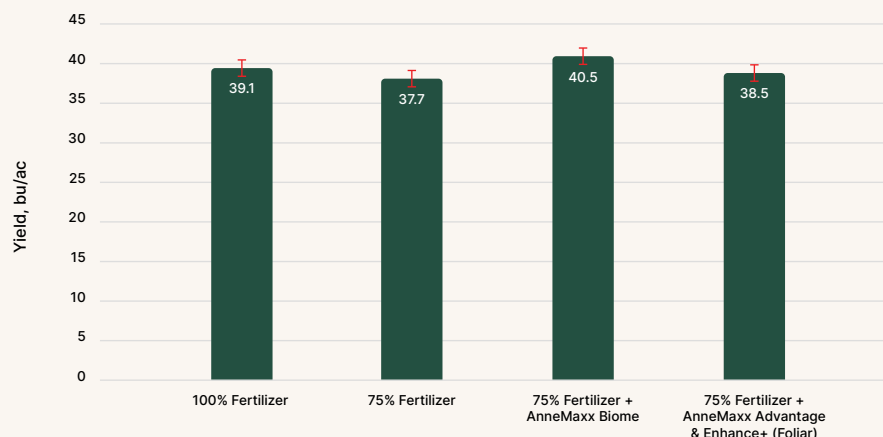
Learn More

These results are supported by detailed, crop-specific and treatment-specific data. For full trial summaries, application strategies, or to discuss how these results apply to your operation, contact us.

AG-QUEST, 2025

SMALL PLOT REPLICATED TRIALS – CANOLA

Saskatoon, SK

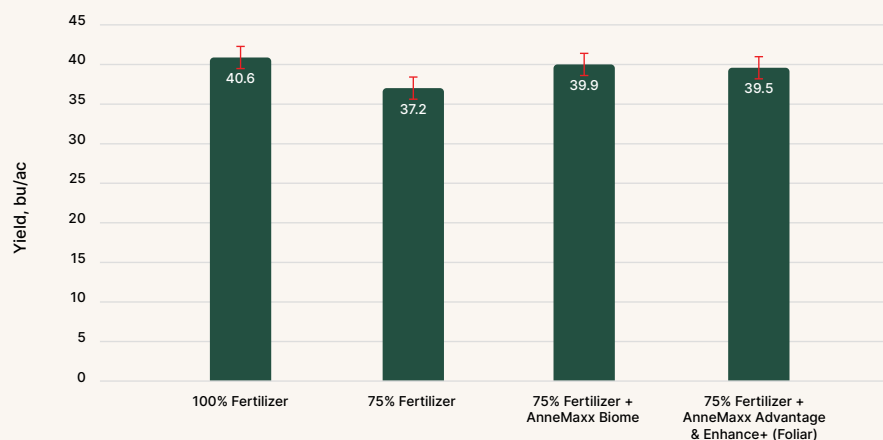


Fertilizer savings, \$/ac	40.00	40.00
AnneMaxx cost, \$/ac	27.00	21.00
Yield gain, \$/ac	19.97	-7.71
Savings, \$/ac	32.97	11.29
ROI, %	122%	54%

AG-QUEST, 2025

SMALL PLOT REPLICATED TRIALS – CANOLA

Morden, MB

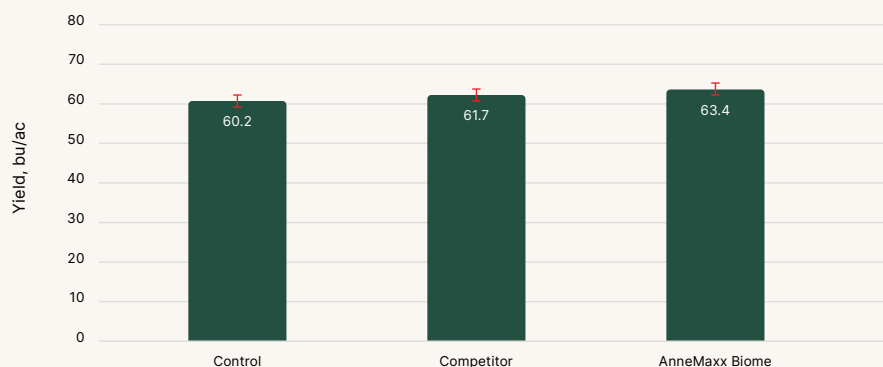


Fertilizer savings, \$/ac	40.00	40.00
AnneMaxx cost, \$/ac	27.00	21.00
Yield gain, \$/ac	-10.46	-16.62
Savings, \$/ac	2.54	2.38
ROI, %	9%	11%

BOURGAULT, 2025

LARGE PLOT REPLICATED TRIALS – CANOLA

St. Brieux, SK

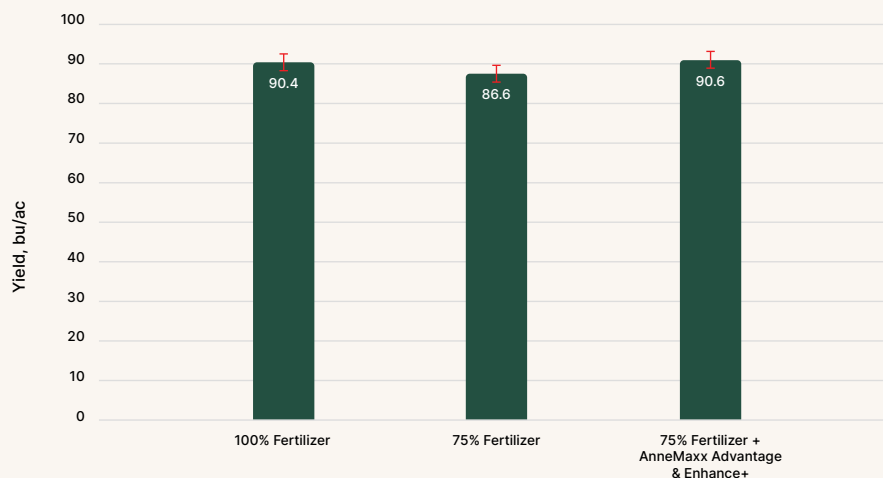


AnneMaxx cost, \$/ac	27.00
Yield gain, \$/ac	45.00
Savings, \$/ac	18.00
ROI, %	67%

GATEWAY RESEARCH ORGANIZATION, 2025

SMALL PLOT REPLICATED TRIALS – WHEAT

Westlock, AB

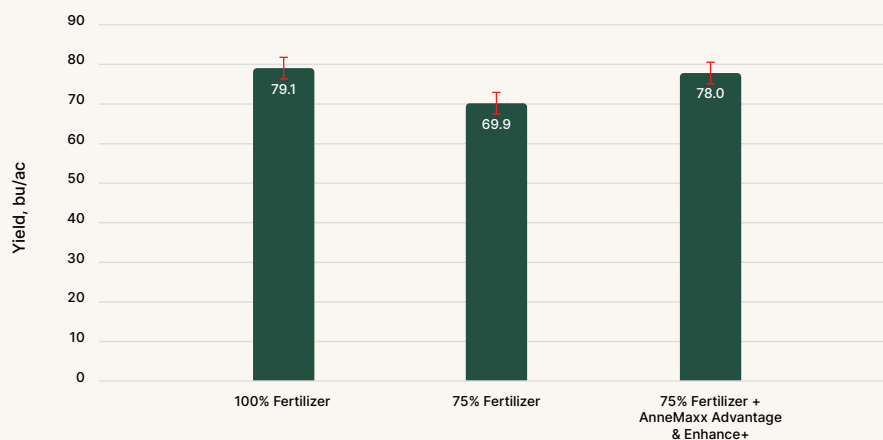


Fertilizer savings, \$/ac	35.00
AnneMaxx cost, \$/ac	21.00
Yield gain, \$/ac	1.46
Savings, \$/ac	15.46
ROI, %	74%

GATEWAY RESEARCH ORGANIZATION, 2025

SMALL PLOT REPLICATED TRIALS – CANOLA

Westlock, AB

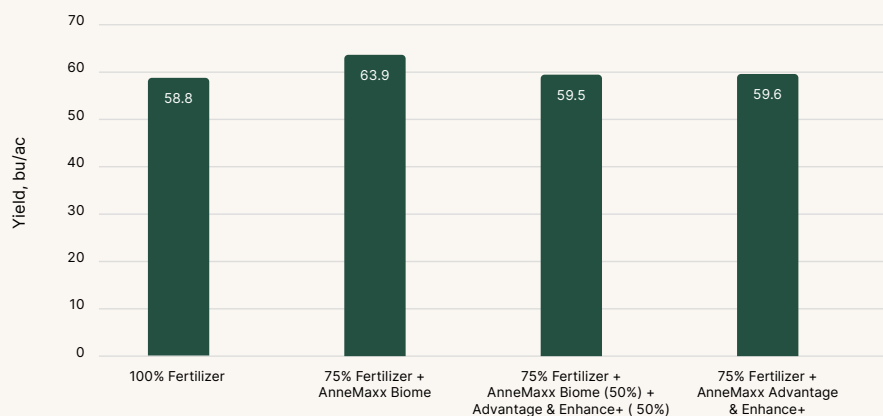


Fertilizer savings, \$/ac	40.00
AnneMaxx cost, \$/ac	21.00
Yield gain, \$/ac	-14.14
Savings, \$/ac	4.86
ROI, %	23%

KUHN FARMS, 2025

LARGE PLOT FIELD TRIALS – WHEAT

Acadia Valley, AB

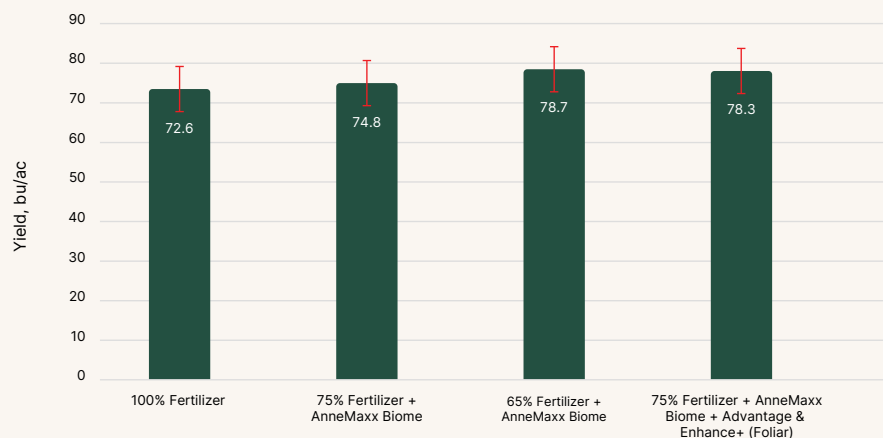


Fertilizer savings, \$/ac	35.00	35.00	35.00
AnneMaxx cost, \$/ac	27.00	24.00	21.00
Yield gain, \$/ac	30.07	4.13	4.72
Savings, \$/ac	38.07	15.13	18.72
ROI, %	141%	63%	89%

DSW ENTERPRISES AND CONSULTING, 2025

SMALL PLOT REPLICATED TRIALS – PEA, DRY PRODUCTS

Lethbridge, AB

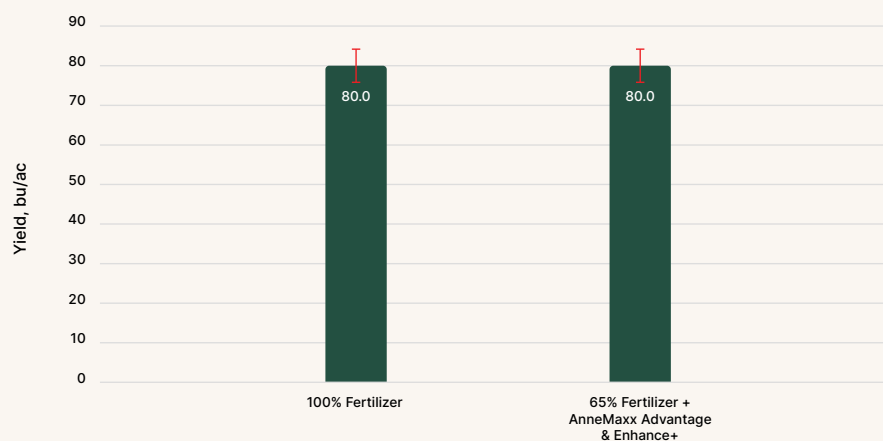


Fertilizer savings, \$/ac	27.50	38.50	38.50
AnneMaxx cost, \$/ac	27.00	27.00	48.00
Yield gain, \$/ac	27.07	75.56	70.66
Savings, \$/ac	27.57	87.06	61.16
ROI, %	102%	322%	127%

DSW ENTERPRISES AND CONSULTING, 2025

SMALL PLOT REPLICATED TRIALS – PEA, LIQUID PRODUCTS

Lethbridge, AB

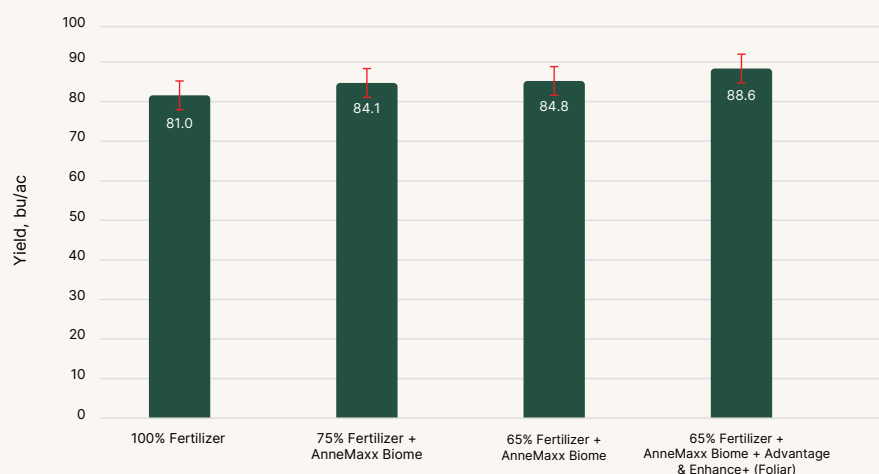


Fertilizer savings, \$/ac	38.50
AnneMaxx cost, \$/ac	21.00
Yield gain, \$/ac	0.00
Savings, \$/ac	17.50
ROI, %	83%

DSW ENTERPRISES AND CONSULTING, 2025

SMALL PLOT REPLICATED TRIALS – WHEAT, DRY PRODUCTS

Lethbridge, AB

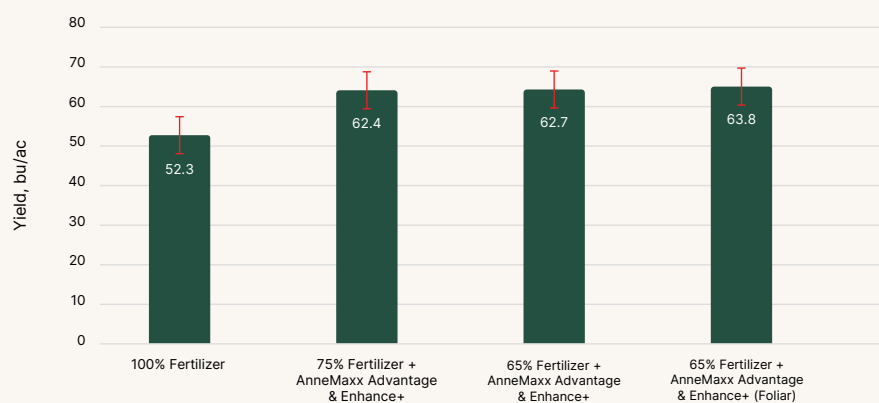


Fertilizer savings, \$/ac	35.00	49.00	49.00
AnneMaxx cost, \$/ac	27.00	27.00	48.00
Yield gain, \$/ac	22.08	27.03	53.57
Savings, \$/ac	30.08	49.03	54.57
ROI, %	111%	182%	114%

DSW ENTERPRISES AND CONSULTING, 2025

SMALL PLOT REPLICATED TRIALS – WHEAT, LIQUID PRODUCTS

Lethbridge, AB

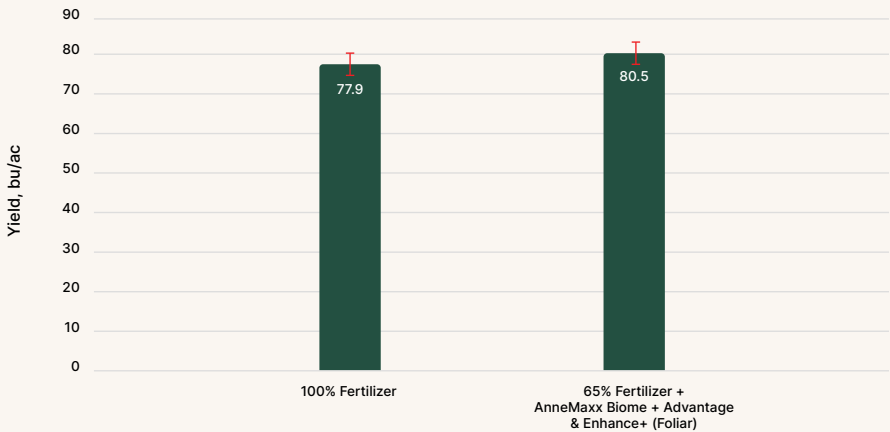


Fertilizer savings, \$/ac	35.00	49.00	49.00
AnneMaxx cost, \$/ac	21.00	21.00	42.00
Yield gain, \$/ac	71.47	73.59	81.37
Savings, \$/ac	85.47	101.59	88.37
ROI, %	407%	484%	210%

DSW ENTERPRISES AND CONSULTING, 2025

SMALL PLOT REPLICATED TRIALS – CANOLA, DRY PRODUCTS

Lethbridge, AB

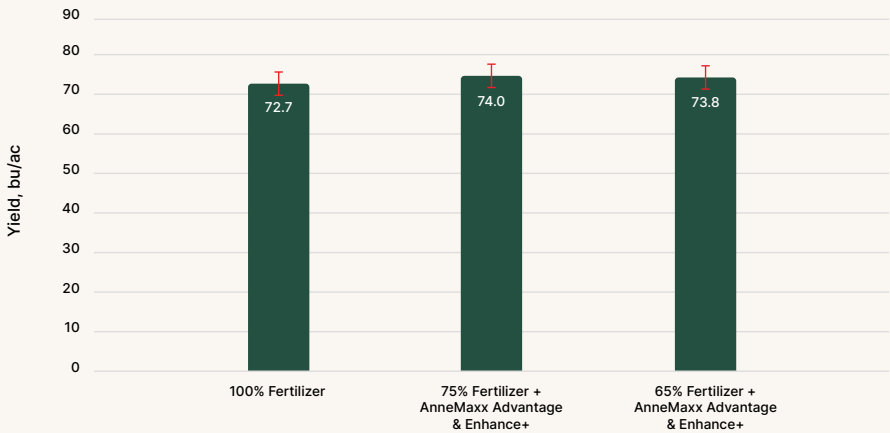


Fertilizer savings, \$/ac	56.00
AnneMaxx cost, \$/ac	48.00
Yield gain, \$/ac	37.12
Savings, \$/ac	45.12
ROI, %	94%

DSW ENTERPRISES AND CONSULTING, 2025

SMALL PLOT REPLICATED TRIALS – CANOLA, LIQUID PRODUCTS

Lethbridge, AB

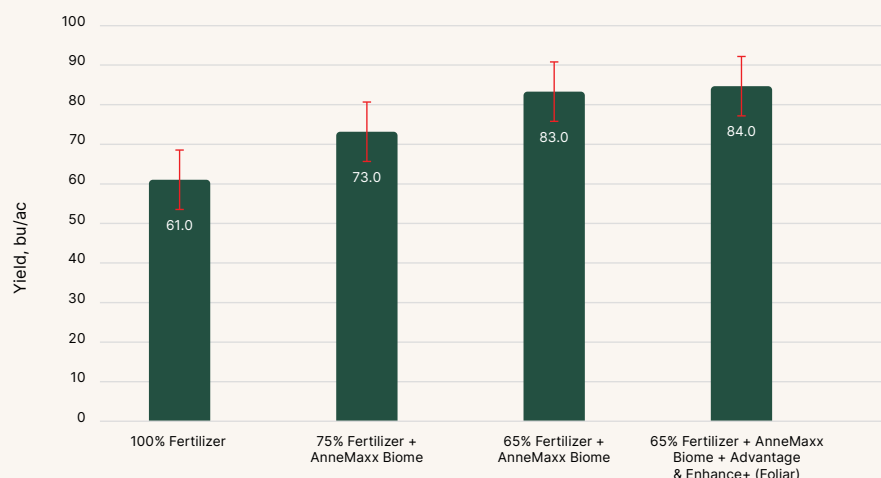


Fertilizer savings, \$/ac	40.00	56.00
AnneMaxx cost, \$/ac	21.00	21.00
Yield gain, \$/ac	18.28	15.47
Savings, \$/ac	37.28	50.47
ROI, %	178%	240%

DSW ENTERPRISES AND CONSULTING, 2024

SMALL PLOT REPLICATED TRIALS – PEA, DRY PRODUCTS

Lethbridge, AB

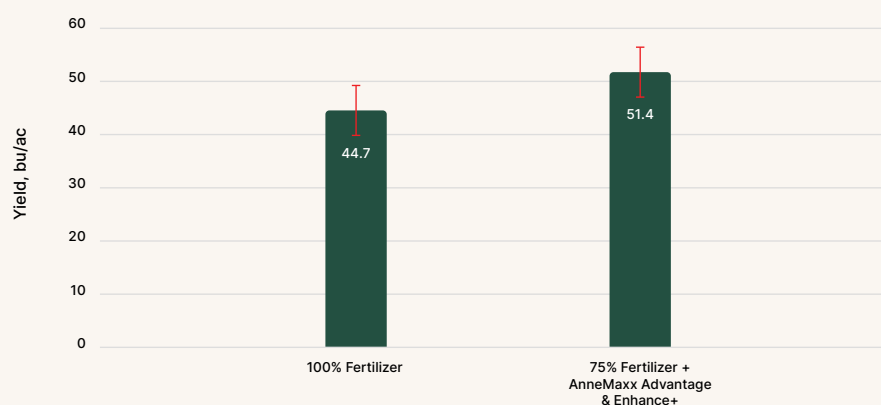


Fertilizer savings, \$/ac	27.50	38.50	38.50
AnneMaxx cost, \$/ac	27.00	27.00	48.00
Yield gain, \$/ac	146.96	269.43	281.68
Savings, \$/ac	147.46	280.93	272.18
ROI, %	546%	1040%	567%

DSW ENTERPRISES AND CONSULTING, 2024

SMALL PLOT REPLICATED TRIALS – PEA, LIQUID PRODUCTS

Lethbridge, AB

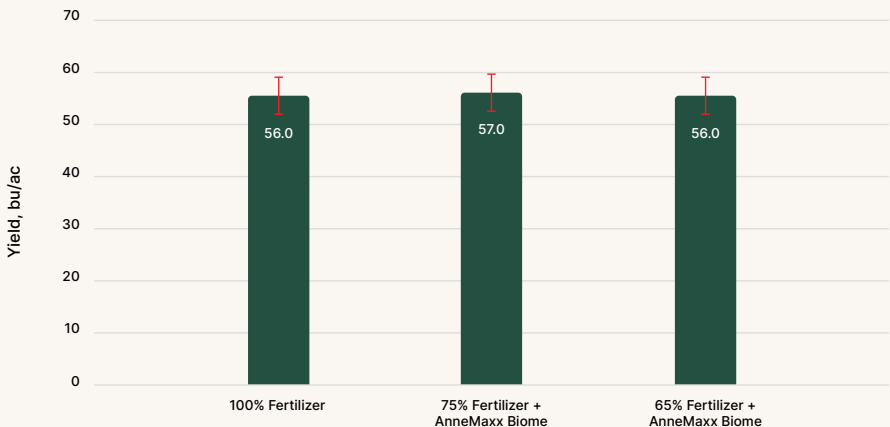


Fertilizer savings, \$/ac	27.50
AnneMaxx cost, \$/ac	21.00
Yield gain, \$/ac	82.05
Savings, \$/ac	88.55
ROI, %	422%

DSW ENTERPRISES AND CONSULTING, 2024

SMALL PLOT REPLICATED TRIALS – WHEAT, DRY PRODUCTS

Lethbridge, AB

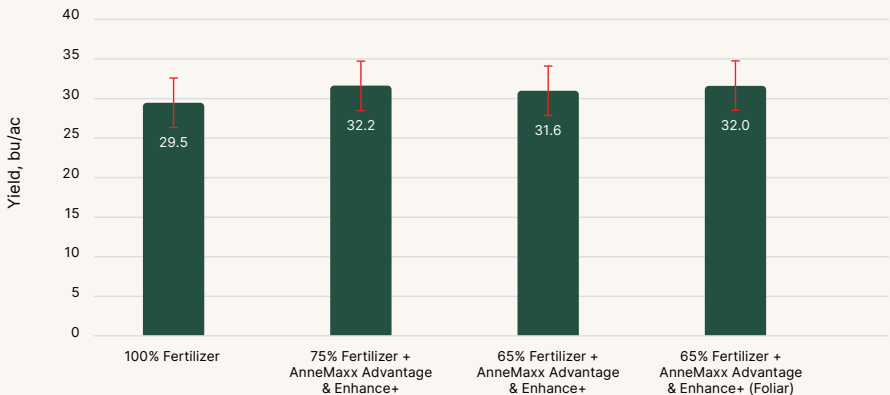


Fertilizer savings, \$/ac	35.00	49.00
AnneMaxx cost, \$/ac	27.00	27.00
Yield gain, \$/ac	7.08	0.00
Savings, \$/ac	15.08	22.00
ROI, %	56%	81%

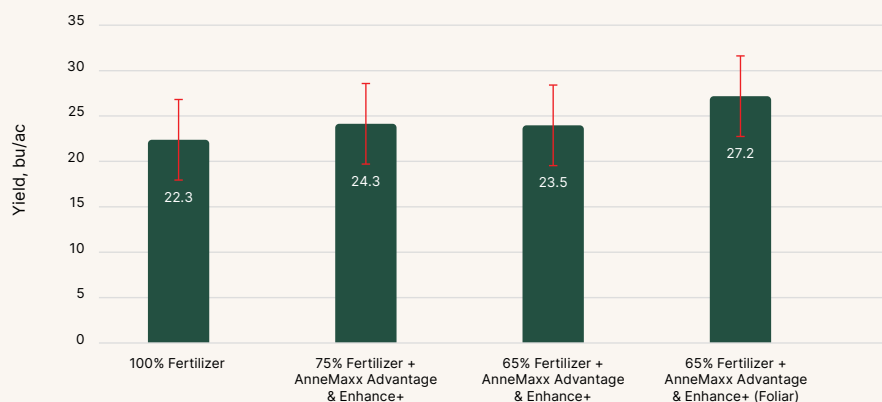
DSW ENTERPRISES AND CONSULTING, 2024

SMALL PLOT REPLICATED TRIALS – WHEAT, LIQUID PRODUCTS

Lethbridge, AB



Fertilizer savings, \$/ac	35.00	49.00	49.00
AnneMaxx cost, \$/ac	21.00	21.00	42.00
Yield gain, \$/ac	19.11	14.86	17.69
Savings, \$/ac	33.11	42.86	24.69
ROI, %	158%	204%	59%



Fertilizer savings, \$/ac	40.00	56.00	56.00
AnneMaxx cost, \$/ac	21.00	21.00	42.00
Yield gain, \$/ac	28.12	16.87	68.90
Savings, \$/ac	47.12	51.87	82.90
ROI, %	224%	247%	197%



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