



**ADVANCE**  
ALLIANCE

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# Agriculture

The most environmentally friendly method of naturally improving crop yields, decreasing dependence on fertilizers and pesticides, and restoring overworked land, as land which has lost its soil fertility suffers from erosion and decreased yield projections.

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# Global Agriculture Issues

Intensive agriculture produces a series of problems that need to be carefully managed to be able to achieve a successful long lasting operation. These include, but are not limited to the following:

- Year on year decrease in yields due to failing soil health and quality.
- Extreme use of pesticides or compounds such as round-up, resulting in the failure of arable land.
- Increased dependence on fertilizers.
- Increasing costs and regulations on chemical fertilizers and pesticides, rendering many farms unprofitable.
- A large push for farms to transition to more organic/sustainable practices.
- Soil degradation & erosion due to a decrease in soil health and quality of topsoil.
- Increased crop failure due to plant disease.

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# How does it affect you?

Due to the previously mentioned problems, many agricultural operations are struggling to stay afloat, maintain productivity or profitability.

In soils subjected to intensive modern farming practices, there is a measurable decline in the soil microbiology - the lack of which leads to failed crops, decreased yields and plant health, resulting in an increased dependence on fertilizers and pesticides.

The use of glyphosphates and round-up result in mineral lock-up within the soil, causing the failure of farmland worldwide, as plants are no longer able to grow in these soils.

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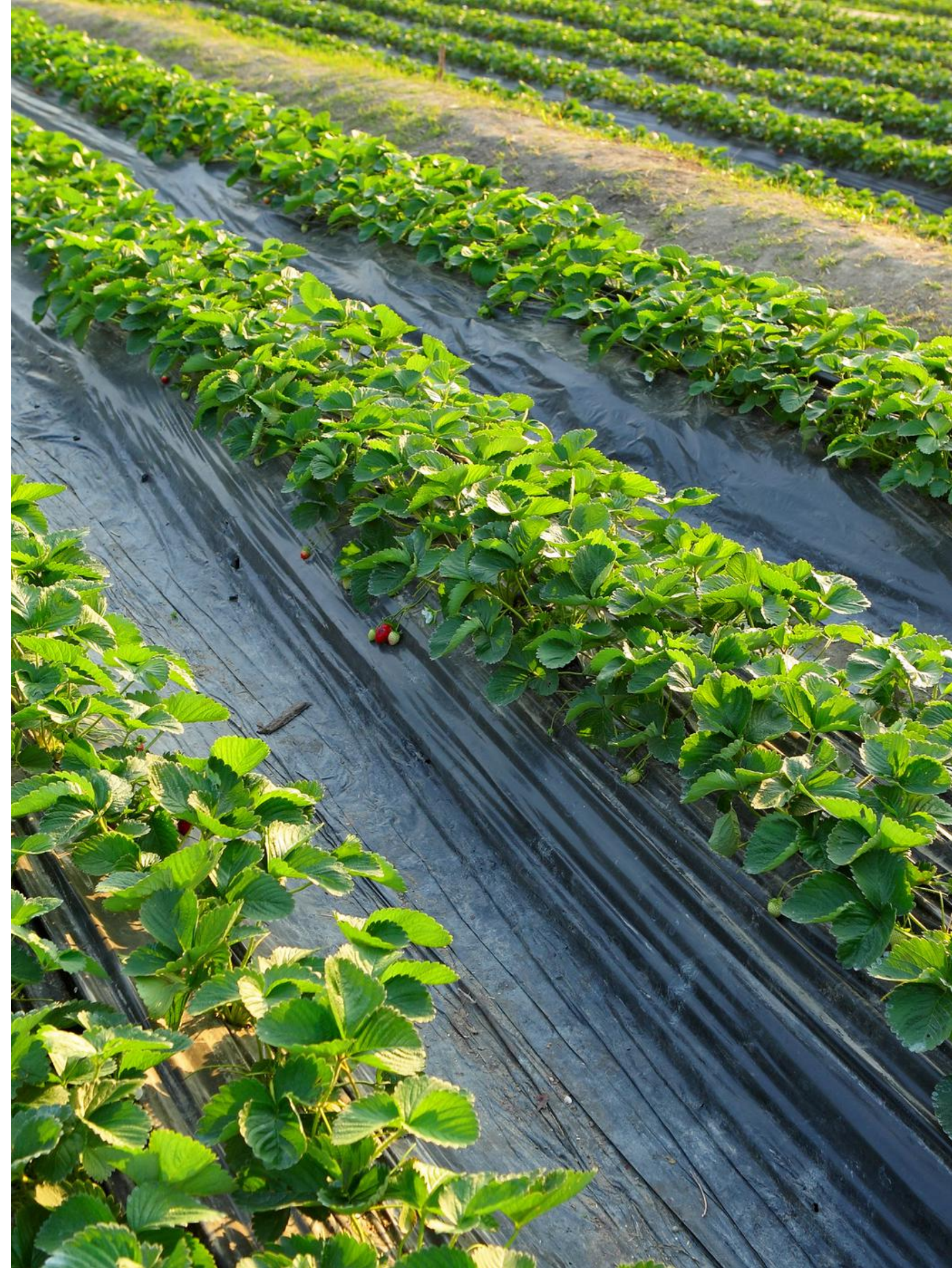
# What do we do?

Advance Alliance presents the 100% environmentally friendly Ergofito Agriculture range. Tested and safe, it is an easy to apply bio-agent that is proven to rapidly improve soil microbiology, and therefore improve plant yield and soil health, while decreasing the need for pesticides and fertilizers.

**Our Solution is the most cost effective way to rapidly improve a farm's productivity, while decreasing the use of chemical fertilizers and pesticides, and ensuring your soils will be productive into the future.**

*The product is cost effective, environmentally friendly, easy to apply and harmless to humans, your farmed product, and wildlife.*

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# How does it work?

Our solution is a liquid azotic (substance containing nitrogen) organo-mineral bio-fertilizer, which provides plants with everything they require when they demand it. It revitalizes the soil by restoring microbial activity, which naturally increases the overall arability of the land.

It is suitable for fertilization of all crops. The presence of enzymes, amino acids, proteins and organic carbon, subjected to slow bio-development, guarantees rapid and increased cuticular and somatic absorption, as well as a rapid transposition in the tissues.

The presence of micro-elements prevents and cures any micro deficiency. The nitrogen present in protein, peptide, amino acid and ureal form nourishes without causing imbalances.

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## What does it do?

By making use of our product, you are essentially injecting the life and health of virgin rainforest soil into your farm - regardless of climate or soil type.

Remember, in a handful of virgin soil, there is more microbial life than all the humans on the planet.





# What is the result?

The growth gap of stressed, overworked land can be regained and surpassed in an extremely short period with our solution. Regular use creates the conditions where plants can grow and produce to the best of their potential.

Ergofito accelerates development by providing the optimal nourishing conditions which eliminate the stresses usually encountered. Plants with larger, fleshier, more numerous leaves, stimulate a higher quantity and quality of produce.

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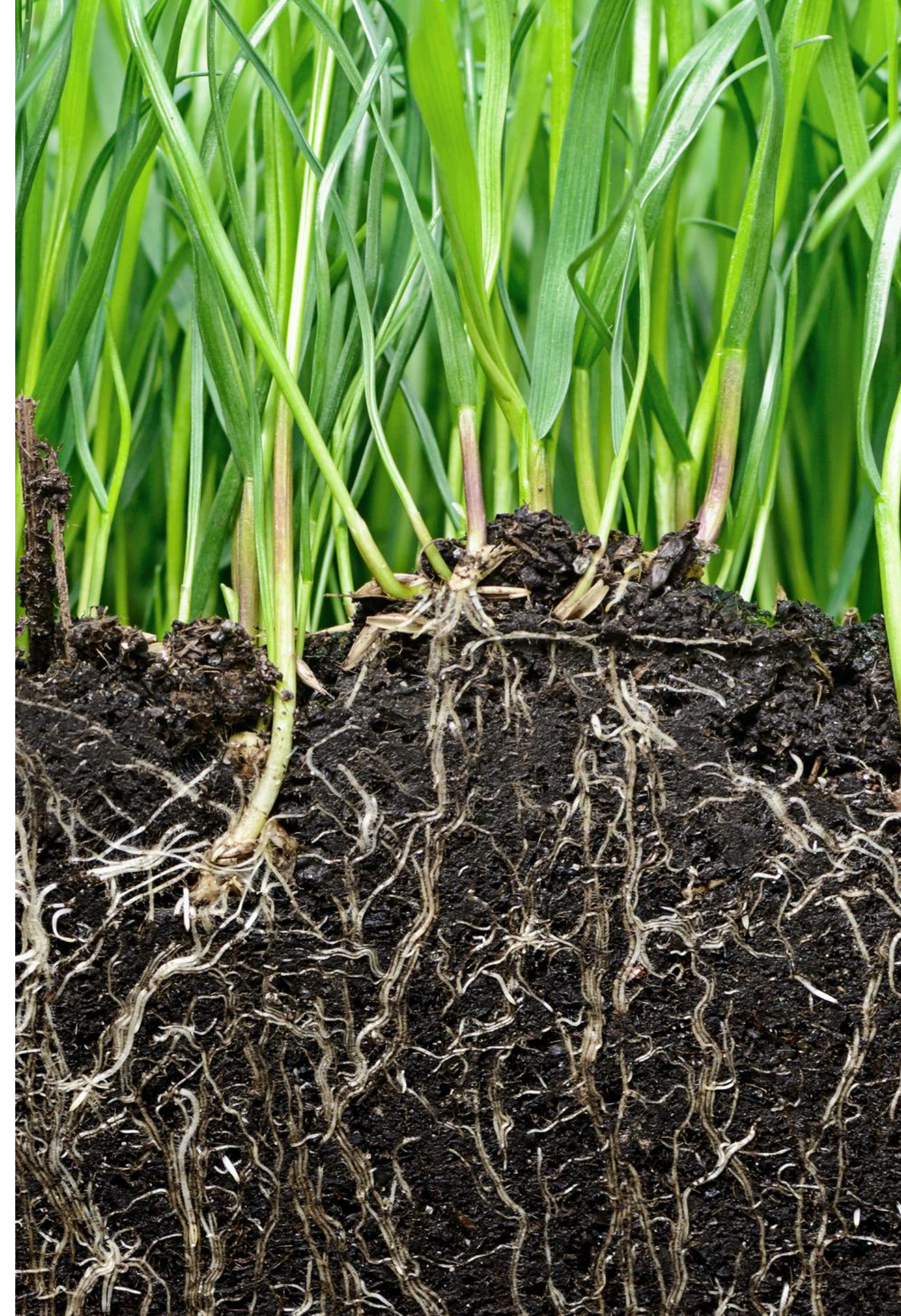


# What can you do?

Grow more healthy and robust plants:

- Ergofito strengthens the plants root system and rhizosphere & renders the plants more resistant to disease, or adverse weather events such as drought, flood or frost.
- By stimulating the development of feeder roots (up to 400%) - the fine roots branching off from the main tap root of the plant - the plant is able to far more effectively absorb both applied fertilizers as well as water.
- By increasing root mass, plants are better able to absorb water during drought, there will be less soil erosion in the event of a flood, and are more robust during frost events.
- This means you can decrease the use of the above products, while your crop will also require less water each year of using our product.

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# What can you do?

Improve the productivity and profitability of your farm:

- Due to the improved soil health and plant root systems, your plants will be able to much more effectively absorb fertilizers.
- As such, we suggest decreasing your use of fertilizers by 25% in the first year of using our product. Thereafter, it is possible to decrease fertiliser use by an additional 5-10% per year based on soil types, and consultation with an agronomist.
- Additionally, with only one application of our product a year, operations on the farm are simplified.
- This, coupled with an increased crop yield compared to conventional methods, means that our users see improved profits in their operations from the first year.

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## Pests & plant disease

Plants don't possess a 'means of transport', they can't run away from areas where they experience fungal infections and insect attacks. They have their own incredibly robust, evolved and bio-engineered defense systems.

Plants' immune systems are stimulated by Ergofito to produce more phytoalexins (plant antibiotics) when under attack, which enhances their defence dramatically. We have specific formulations available for various pests or disease, for example our Nemacontrol product, for the elimination of nematodes. You may utilize our products at any stage of the growth cycle.

After application with Ergofito, you will notice a significant decrease in both numbers of pests present, as well as plants affected by disease.

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# Advantages

- Our Agricultural range will boost your crop yield in the first year.
- Decrease your dependence on fertilizers and pesticides.
- Improve productivity and profitability of the farm.
- Improve the brix content (increase nutritional value) of the fruit.
- Produce larger, more nutrient dense crops.
- Decrease the use of water for irrigation.
- Make use of more organic and sustainable products.
- Improved soil health and quality.
- Halt soil degradation and erosion.
- Dramatically increased carbon sequestration both from improved soil health and increased crop yield.

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## Tested & Studied

Used extensively around the world, our Ergofito Agriculture range will improve all aspects of your operation. In a study carried out by the Tecnova Agricultural study group in Spain, they concluded the following:

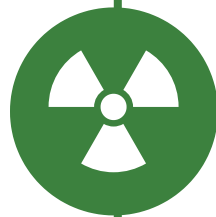
- Plants treated with Ergofito reached a taller average height.
- The number of developing fruit was greater in plants treated with Ergofito.
- The number of flowers per plant was greatest with those treated by Ergofito.
- **The greatest fruit yield was achieved in plants treated with Ergofito, whilst simultaneously using 30% less fertilizer than standard crop treatment.**
- Plants treated with Ergofito had the highest total root biomass weight.
- Plants treated with Ergofito had far fewer non-commercial fruit produced.

The full study is available on request.

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# Comparison of solutions

## TRADITIONAL METHODS



- Global issues of soil degradation & decreased yields
- Extensive use of pesticides & fertilizers
- Difficulty maintaining healthy soil
- Excessive issues with pests & disease
- Decreased productivity
- Chemical products are very expensive

## ADVANCE ALLIANCE SOLUTION



- 42 Biological Enzymes
- 100% natural & EPA approved
- Easy to apply
- No capital expenses or upgrade
- Major improvements in yield and plant health
- Soil restoration, improved soil quality
- Eliminate soil erosion and degradation
- Dramaticall increased Carbon Sequestration

# Certification

✓ **South Africa**

✓ **USA**

✓ **New Zealand**

✓ **Nigeria**

✓ **Hong Kong & China**

✓ **Saudi Arabia**

✓ **Oman**

✓ **Europe**

✓ **Kuwait**



# Contact Us

For any questions or clarifications on our presentation.

## Website

[www.advalli.com](http://www.advalli.com)

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## Phone Number

+27 82 678 0070

+27 71 161 1749

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## Email Address

[cheyne@advalli.com](mailto:cheyne@advalli.com)

[daniel@advalli.com](mailto:daniel@advalli.com)