

IT ALL STARTS IN THE SOIL

BEST ENVIRONMENTAL TECHNOLOGIES

Product Guide

Best 
ENVIRONMENTAL
TECHNOLOGIES

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Best 
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A hand is shown from the side, holding a mound of dark, rich soil. Several small green seedlings with two leaves each are growing out of the soil. The background is a warm, golden sunset over a field of wheat. The top of the image is partially obscured by a green banner.

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IT ALL STARTS IN
THE SOIL

IT ALL STARTS IN THE SOIL



Healthy Soil; A Secret Away

Most people look at paddocks, orchards and gardens and see only what is growing above the ground.

Every year, farmers seed millions of acres of wheat, canola, barley, oats, peas, lentils, corn, soybeans, rice, sugarcane and a variety of hay, fruit and root crops hoping for substantial healthy yields. With an eye on the world's agricultural industry this list grows exponentially.

What we do not see is the life that is teeming within the soil and this life with bacteria and fungi as its corner stone is the key to healthy and abundant yields.

For the last half-century, when we've gone into our paddocks, too many of us have seen poor conditions and unhealthy soil resulting in higher and higher input costs and lower and lower profits.

What we want to see are reduced input costs, higher yields and more profit. These goals can only be achieved with healthy soil.

Healthy soil exhibits these characteristics

- Loose, well-structured earth which promotes good aeration and percolation.
- Has a high population of organisms that you can see with the naked eye and millions of microbes that you can't.

How many microbes?

- Healthy soil has on average 600 million microorganisms per teaspoon.

Why should we care about how many bacteria and fungi are in the soil?

Because they are the cornerstone of healthy soil. When soil is teeming with this life, we establish a healthy environment that aids in promoting and maintaining healthy roots. Healthy root structures take up more nutrients for the plants. As the plants become healthier and more abundant, so do the crops we harvest.

James Watson - President - Best Environmental Technologies

The Cost of Unhealthy and Compacted Soils:

- Weak plants that are susceptible to disease and pests, increasing the dependence on, and cost of fungicides and pesticides.
- Compacted soil is difficult to till. This leads to increased cost of fuel, and wear and tear on machinery.
- Compacted soil does not absorb or retain water, which increases the need for water and cost of energy for irrigation.
- Depleted soil is susceptible to erosion, leading to decreased yield and unreliable future profitability of land investment.
- Weak unhealthy plants attract a higher likelihood of pests
- Decreased crop yield and profitability.

Unhealthy Soil Decreases Profitability

Healthy growing soil is composed of a host of micro-organisms, nutrients, humus and trace minerals that work together to create conditions that enable healthy plant growth. Scientific research however, has shown that the harsh nature of chemical fertilisers can disturb the delicate balance of that micro-system leading to soil hardening, lower nutrients and moisture content.

To compensate for declining soil quality the tendency is to apply more and more chemical fertiliser; this results in a perpetual cycle of steadily decreasing soil quality and steadily increasing chemical fertiliser amounts. This leads to higher input costs and decreased profitability.

Soil Moisture is Essential to Plant Health & Yield

Moisture is required to help decompose the previous year's stubble it's also used to carry fertiliser and nutrients to a plant's root system. The right amount of soil moisture can be an important determining factor in crop growth. Early soil moisture promotes early seed germination and earlier crop emergence, which leads to a longer growing season and higher yields.

IT ALL STARTS IN THE SOIL

Although there are many variables that can affect the outcome of a growing season, overall scientific studies have shown repeatedly that better levels of soil moisture lead to higher yields. That can mean increased revenue and farming profitability.

In addition, lower soil moisture levels lead to problems associated with compaction, lower yield, greater tillage, fuel costs and higher risk of erosion. Soil moisture also reduces stressors that affect head development and the number of potential kernels that the head might contain.

The Benefits of Healthy Soil:

- Rich in organic matter.
- Higher crop yield.
- Soil rich in nutrients and, robust crops that are less susceptible to disease and pests.
- Reduced need and costs for fungicides and pesticides.
- Greater water absorption and moisture retention
- Soil that is less susceptible to erosion and runoff.
- Aerated soil that is not compacted and hard.
- This reduces fuel costs and wear and tear on machinery.

The Secret to Healthy Soil

Best products work to rejuvenate the soil and over the last twenty years the ability to research at the molecular level has brought significant insight into the relationship between microbial organisms, soil health, plant health and crop yield. Best has engaged in this research since the 1990s to establish sustainable farming methods that lead to increased crop yield, enhanced soil health and sustainable agricultural practices.

Best products restore the interconnected relationship between the soil, microorganisms and plants. The system results in healthy, aerated soil that is rich in nutrients and robust crops that are healthy and more resistant to disease and pests.

Best products are an environmentally safe technology that restores and rejuvenates the soil to a fertile state.



Best Presence



Best provides positive environmental products, systems and technologies that have been tested and proven successful on many continents on a wide range of soils, climates and agricultural products. Best was established in Edmonton, Alberta, Canada in 1999, and has expanded operations in North America, Australia, New Zealand, Europe, Africa, and Asia. Our international distribution network ensures our clients access to our services, information and products. Best is dedicated to developing technologies, products and systems that are based on solid research and that will help provide a secure, sustainable food supply for a rapidly growing population.

5 Continents, c

IN THE WORLD



Best , a Global Presence
over 12 Countries

TM AGRICULTURAL



OUR FLAGSHIP PRODUCT IS CERTIFIED ORGANIC



Available in 110L, 20L, 10L, 5L, 1L

TM Agricultural is a custom blended liquid formulation that is applied directly to the soil and plant. It stimulates strains of beneficial microbes that have been dormant, helping to increase and enhance the microbial activity in the soil.

TM Agricultural helps stimulate and activate bacteria in the soil. Bacteria helps to convert man-made fertilisers into plant-available nutrients and it also helps to unlock nutrients that are already in the soil, but not necessarily plant-available. It also helps to improve nitrogen fixation and helps to limit the leaching of inorganic fertilisers. It aids in increasing the rate of organic matter decomposition so that soils are able to reclaim nutrients quicker.

Application - See page 18

Get The Facts

What is TM Agricultural?

TM Agricultural is a proprietary liquid formulation of plant extracts that have been found to serve as nutrients for existing micro-organisms in the soil. These extracts come from different plant materials.

Soil scientists around the world generally agree that soil biology is the “engine room of the soil.” Soil biology is responsible for recycling nutrients, converting elements including atmospheric nitrogen and stable but unavailable forms of phosphorus into forms that are plant available, breaking down toxins, both man-made and natural. These biological processes sustain life as we know it.

TM Ag is an organic registered soil ameliorant designed to kick-start and increase beneficial biological activity in the soil, beginning with the bacteria and fungi that all other soil life depends on. Although TM contains natural trace nutrients, its primary aim is to stimulate the vast array of indigenous soil organisms to do their work.

Potential Benefits to Crops

- Plants that grow out of a healthier soil tend to have the following characteristics:
- More branching and tillering, with more plant mass.
- Better root system.
- Better nodulation.
- Better lodge resistance because of superior stems, earlier and/or longer flowering.
- More heads on pods.
- Higher brix in plants leading to less disease and insect pressure and better quality of grain - such as bushel weight, protein, plumpness and colour.

TM AGRICULTURAL



How does TM Agricultural work?

TM Agricultural is applied to soil and plants in two applications to feed existing micro-organisms in the soil to help bring back strains of dormant beneficial microbes by increasing and enhancing microbial activity in the soil. This leads to increased soil microbial biomass and improved soil structure and aeration.

What can Best offer farmers using conventional products?

With Best products, farmers can expect to reduce their dependence on chemicals, especially many of the insecticide and fungicides used regularly in conventional farming. Substantial reductions in the need for synthetic fertilisers are also commonly reported.

Improved crop quality with fewer screenings or second grades, improved pasture quality and a reduction in nutrients leached to groundwater are benefits consistently associated with the use of TM Ag. These improvements are achieved while maintaining or increasing crop yields and farm productivity.

Why do growers use your products? Do they just want to switch to fashionable organic systems; are they after cost savings or do they genuinely want to reduce their carbon footprint?

Farmers use our products for many different reasons. Mainly however, they see what other farmers are achieving and want to replicate those results on their own properties. They also see a way to reduce their input costs, leading to improved viability.

Most of the farmers we work with are not organic. They simply want a reliable, economical method of reducing high input costs.

"In my faba bean country the shovel went in so easily"

– Geoff Rogers Wee Waa NSW

What is the science behind your products / trial evidence / evaluation by government bodies?

From day one Best has been involved with universities and independent trial organisations around the world, too numerous to mention here. For more information visit our website www.bestenvirotech.com.au. Research trials are ongoing and Best is committed to verification by good science.

What savings does the system bring?

Best products bring many savings to farmer both quantifiable and otherwise. Generally, farmers can save on chemicals, fertiliser, fuel, wear and tear on equipment, irrigation water and time.

Often, there is a noticeable correction in soil pH, with both acidic and alkaline soils moving closer to neutral. This is due to the buffering effect of increased levels of biological activity.

Can farmers use Best products in conjunction with natural fertilisers, composts etc?

Definitely. Many farmers report excellent results when using TM in conjunction with more biologically friendly forms of fertiliser. There are numerous companies producing quality fertilisers and composts with the benefit of soil biology in mind. However, the application of large quantities of material per hectare or the high cost of specialised microbial products can be a major consideration with these approaches.

Application rates of TM Ag are usually only 250 to 500 ml/ha. TM lays no claim to being a fertiliser. It is registered as an organic soil ameliorant.



Wheat Trial

Soil Quality Parameters

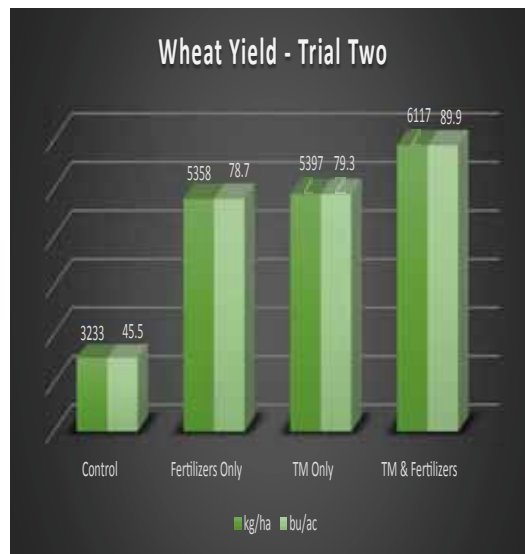
Treatment	SMBC (ppm)	Soil Bacteria (cfu 10^4 g^{-1})
Control	80.6	31.50
Fertiliser Only	113.6	39.33
TM Only	115.8	42.17
TM +Fertiliser	122.0	47.33
Initial Value	78.8	30.20

Soil quality measured in terms of Soil Microbial Biomass Carbon (SMBC) was found to have increased significantly in TM Agricultural treated soils over untreated soils.

Biomass Yield

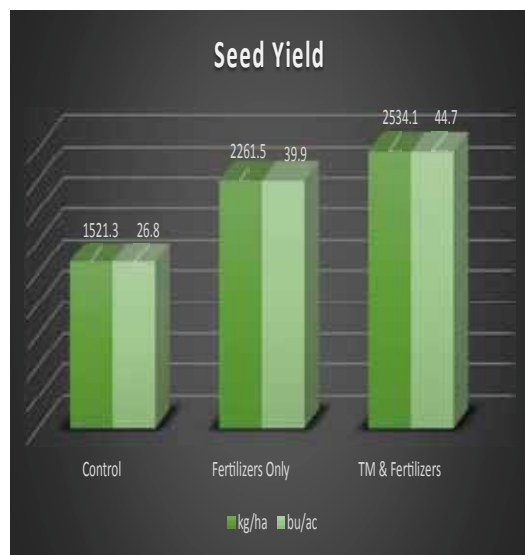
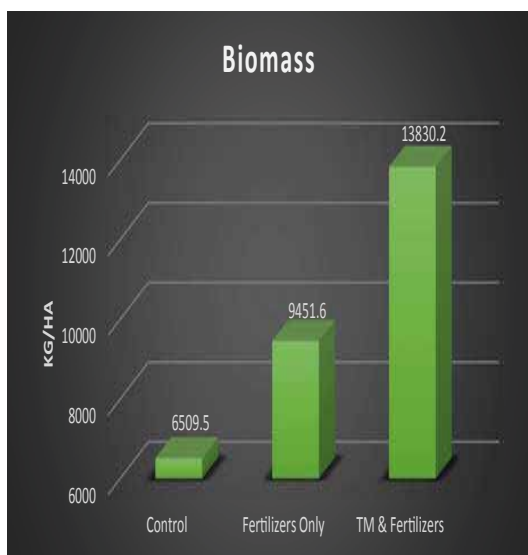


TM AGRICULTURAL



"It looks like it's probably a week more advanced (than the untreated). Very happy" - Alex Carruthers

Canola Trial



"It's the best canola crop I've ever grown and it's the first time I've used this product. I'm sold on it." - Doug Shields

TM GERMINATION



Available in 20L, 1L

TM Germination produces a more vigorous seed, superior root growth, and gives the seed a quicker “pop-up” effect out of the ground.

TM Germination is a custom liquid blended formulation that is applied to the seed at seeding time or up to 120 days prior to seeding. The product contains approximately 9% phosphorus. TM Germination was developed after conducting meticulous research on enhancing seed germination rate and better plant establishment. The beneficial micro-organisms are attracted to the seed and this allows for a lot of colonization of microbes around the seed. Increased micro-organisms and bacteria in the soil improves the fertility of the soil.

Application - See Page 18

Plants coming out of the soil tend to be healthier with less disease pressure in the early stages. The plants tend to have a better-developed root system early on which means there are more contact points in the soil where water and nutrients can be absorbed which is vital in the early stages of crop development. It enables the plant to uptake water and nutrients more effectively and creates a more favourable environment for beneficial micro-organisms to multiply. Better nodulation has also been noted in pulse crops.

Helping Seedlings Flourish

Plant health in the early stages of growth and development is as important as early health is in humans. At the early stages of seed germination, the first roots emerging from the seedlings are responsible for establishing a plant firmly in the soil, and also for the absorption of nutrients from soil. During this process of early plant establishment in soil, seedlings require all the essential nutrients to be readily available, very close to those first roots. The nutrients also keep the plants resistant to soil-borne infections.

Increase Root Mass

More root mass allows the plants to establish well in soil and to grow stronger and healthier. This product has the required nutrients that are readily available to the young plant roots.

TM Germination helps farmers see their crops coming out of the ground earlier than those on their neighbour's farms and also produces healthier and stronger plants. As the nutrient absorption capacity is significantly higher in TM Germination treated crops over non-treated crops, the treated crop will take an early lead on its growth and development.

TM GERMINATION

Get The Facts

How does TM Germination work?

TM Germination allows the plant to have a healthier start. This in conjunction with an application of TM Agricultural on the plant and soil at herbicide time, will improve the health of the soil and the plant throughout its life cycle.

How easy is TM Germination to use?

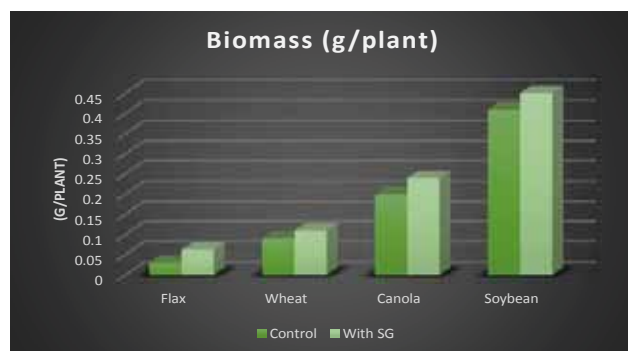
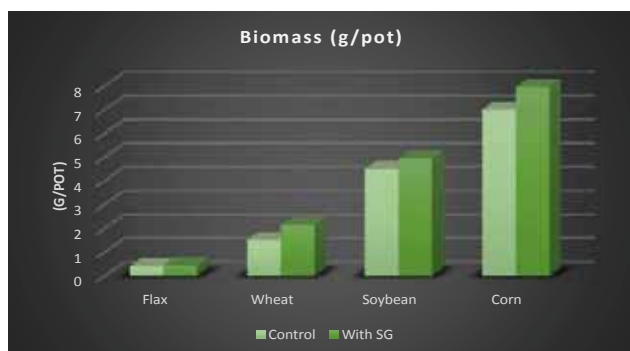
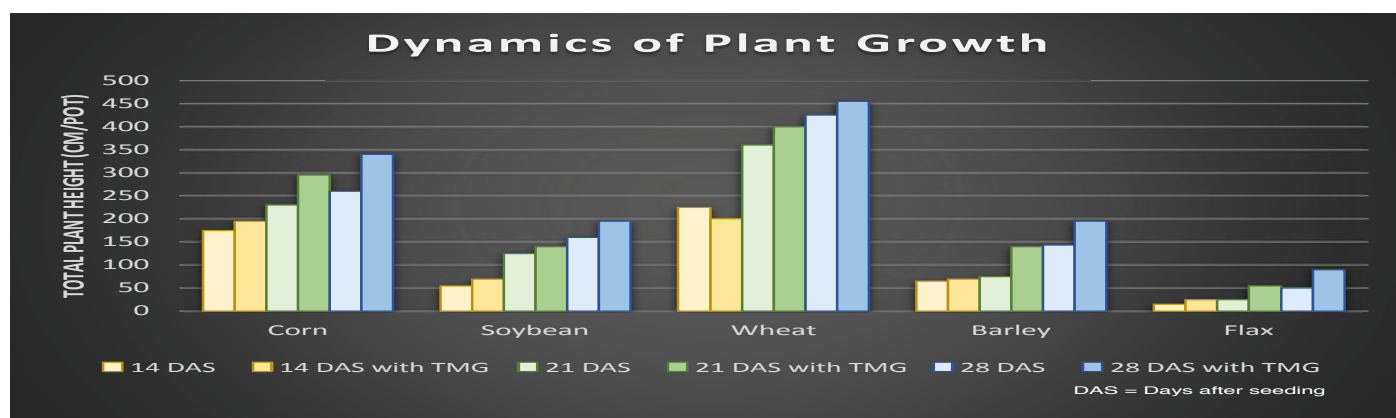
Very easy! It can be used in all crops at the time of seeding or even pre-seeding (if you, the farmer, have the option to store the treated seeds). Note that pre-treated seeds like canola may be an exception.

Is there an increase in yield when TM Germination is used?

Best does not guarantee better yields. Soil condition, crop type, fertiliser history, weather and other factors will always vary and this plays a part in determining yield. TM Germination is designed to promote healthier soil and plants; healthier soil and plants generally result in a better yield and high crop quality.

*"Earthworm numbers are increasing and getting bigger
I call them Rattlesnakes"*

Peter Winton Windy Station NSW



- Careful visual observation of germinating TM Germination treated and non-treated seedlings suggested that TMGermination enhances early growth of some plants.
- Substantial differences in responsiveness to Seed Germination were found among the tested crops.
- Soybean, flax, and wheat consistently exhibited positive effects in terms of dry biomass acquisition and plant elongation.

BEST FOLIAR FERTILISER

Best **FOLIAR FERTILISER**

Available in 20kg

The fastest way to get essential nutrients into a plant is by using a foliar fertiliser. As soil becomes dry and compacted, ground applied fertiliser struggles to reach a plant's root system. Compacted conditions lead to decreased profitability and sometimes crop failure. The solution?

Use a foliar fertiliser! Research has shown that plants take in nutrients much more efficiently through their stomata (pores) located in their foliage, than they can through their roots. Crops can be given quick boosts with foliar fertilisation; not only is this good for general fertilisation, it is an immediate way to revive and stimulate stressed, tired, or diseased crops.

What is Best Foliar Fertiliser?

Best Foliar Fertiliser is a specialty blend of granular crop nutrients consisting of NPK and micronutrients for in-crop application. Best's Foliar Fertiliser is developed to meet the crop nutrient requirements during its growth. They are developed based on the scientific research on the nutrient requirements of crops to help farmers growing crops in different climates and soils. This product has the balanced nutrients required by the plants in readily available forms. It can be used in the production of all commercial agricultural, horticultural, fodder crops, pastures and turfs.

Application - See Page 18

How does it work?

Best's Foliar Fertiliser helps plants to absorb the required nutrients through the leaves when the product is sprayed as foliar. The combined influence of significantly higher nutrient absorption and nutrient availability in ready to absorb forms, make the plants have a balance of nutrients in the tissue to grow healthier and stronger. They are also very effective for aiding the plant to overcome soil deficiencies and for overcoming the soils inability to transfer nutrients to the plants when needed.

The application of a foliar fertiliser can also be beneficial when crops are suffering from hail damage, long periods of standing water and after frost. A foliar application can increase the sugars (brix) in the plant, which can be beneficial against pest outbreaks. Foliar fertiliser helps to increase herbicide efficiency.

When a plant is under stress or damaged, foliar feeding is more effective than relying on the root as the plant starts to absorb the nutrients almost immediately.

- Foliar fertilising tests have shown that it is 8-10 times more effective than soil feeding.
- Up to 90% of foliar fertilizer can be found in the roots within 1 hour of application; this shows the efficacy of nutrients in the plant as opposed to the leaching of soil placed nutrients.
- Foliar supplements are an effective way to compensate for soil deficiencies and poor soil inability to transfer nutrients to the plant, especially when lock up has occurred.

The Problem:

Annual use of chemical fertilisers to increase yield strips soil of fundamental organisms and nutrients. This then disrupts the balanced relationship between soil and the plant ecosystem and then leads to decreased soil fertility; soil becomes hard, compacted and unable to retain moisture or sustain healthy plant growth. As soil becomes depleted, it creates a positive environment for disease and pests; putting already weakened plants even more at risk. To sustain yields, more chemical fertiliser, fungicides and pesticides are needed creating a costly cycle of soil nutrient depletion and fertilizer dependence.

What's more, compacted soil is less able to absorb and distribute water to a plant's root system which leads to stunted root development and crop yield. Dried out soil can also pose other problems including greater tillage costs and increased risk of erosion. Less healthy plants are also more susceptible to insect infestation.

BEST FOLIAR FERTILISER

The Solution:

If applying ground fertiliser consistently over time degrades soil, the solution is to get fertiliser nutrients into a plant without requiring the soil to transport the fertiliser. Foliar fertiliser is applied directly to the leaves of a crop, rather than spread on or injected directly into the ground. This gives foliar fertilisation many additional advantages that include the following:

- Quicker nutrient absorption by the plant.
- Provides minerals such as zinc and copper that may not be readily available for plant roots to take up from the soil.
- Can be applied when ground conditions may not be suitable for ground-applied fertilisers.

Foliar Fertiliser also has the potential to significantly increase crop yield. A variety of studies have shown that given the right conditions it can improve the harvest volume for a range of crops, even non-foodstuffs such as cotton. It can also be more economical.

Why Best Foliar Fertiliser?

Best uses only the highest quality inputs in its blending of NPK; we use highly water-soluble inputs for our NPK; with the utilization of our proprietary blending system we can blend at super saturation, which is a very important aspect of suspension fertilisers. The slight acidity associated with our foliar fertiliser can reduce the potential for NH_3 loss to air, and it can even be placed near germinating seeds without any concern for NH_3 damage.

One of the biggest misconceptions of foliar fertiliser is that the sole process is NPK fertilisation. We at Best have found that while NPK plays a very important role in your soil fertility program, it is only part of the process. Best's Foliar Fertiliser offer a wide variety of chelated micronutrients - these are the building blocks for a healthy full crop and offer disease protection. Most foliar fertilisers on the market offer minimal to no micronutrients in their products. When sourcing foliar fertiliser, it is of the utmost importance to watch for micronutrient availability as well as if the micros present are chelated.

How does chelation work?

Micronutrient chelation is important because it makes metal ions more available for uptake by plants. Positively charged metal ions, such as Zn^{2+} , Mn^{2+} , Cu^{2+} and Fe^{2+} , readily react with negatively charged hydroxide ions (OH^-), making them unavailable to plants. OH^- ions are abundant in alkaline or neutral soils.

The ligand (a molecule that binds to a central metal atom) coats the metal ion, protecting it from the surrounding OH^- ions; the complex can then be easily absorbed by the plant, where it is being degraded and consumed as micronutrients.

Best's Foliar Fertiliser

- All micronutrients present are in chelated form, maximising stability and efficiency.
- Compatibility with a wide range of agrochemicals enables tank mixing, reducing the cost of spray operations by minimising the number of applications needed.
- Chelated micronutrients are absorbed by the plant rapidly and efficiently.
- Chelates are fully soluble in water.

Micronutrients present in our formula

Copper Sulphate EDTA, Iron Sulphate EDTA, Zinc Sulphate EDTA, Boron (Solubor), Manganese Sulphate EDTA

Copper is necessary for Carbohydrate and Nitrogen metabolism - inadequate copper results in stunting of plants. Copper is also required for lignin synthesis, which is needed for cell wall strength and prevention of wilting. Deficiency symptoms of copper are dieback of stems and twigs, yellowing of leaves, stunted growth and pale green leaves that wither easier.

Zinc is an essential component of various enzyme systems for energy production, protein synthesis, and growth regulation. Zinc deficient plants also exhibit delayed maturity. Zinc is not mobile in plants so Zinc deficiency symptoms occur mainly in new growth. Poor mobility in plants suggests the need for a constant supply of available Zinc for optimum growth. The most visible Zinc deficiency symptoms are shot internodes and a decrease in leaf size.

Manganese is necessary in photosynthesis, nitrogen metabolism and to form other compounds required for plant metabolism. Interveinal chlorosis is a characteristic of manganese deficiency. In very severe manganese-deficient cases; brown necrotic spots appear on leaves, resulting in premature leaf drop. Delayed maturity is another symptom of deficiency in some species and white/grey spots on leaves of some cereal crops is also a sign.

BEST FOLIAR FERTILISER

Iron is involved in the production of chlorophyll and iron chlorosis is easily recognised on iron sensitive crops growing on calcareous soils. Iron also is a component of many enzymes associated with energy transfer, nitrogen reduction and fixation, and lignin formation. Iron is associated with sulphur in plants to form compounds that catalyse other reactions. Iron deficiencies are mainly manifested by yellow leaves due to low levels of chlorophyll. Leaf yellowing first appears on the younger upper leaves in interveinal tissues. Severe iron deficiencies cause leaves to turn completely yellow or almost white, and then brown as leaves die. Iron deficiencies are found mainly on high pH soils, although some acid, sandy soils low in organic matter also may be iron deficient. Cool, wet weather enhances deficiencies, especially on soils with marginal levels of iron available. Poorly aerated or hard pan soils also reduce iron uptake by plants. Uptake of iron decreases with increased soil pH, and is adversely affected by high levels of available phosphorous, manganese, and zinc soils.

Boron's primary function is related to cell wall formation, so boron-deficient plants may be stunted. Sugar transport in plants, flower retention and pollen formation and germination also are affected by boron. Seed and grain production are reduced with low boron supply. Boron deficiency symptoms first appear at the growing points resulting in a stunted appearance (rosetting), barren ears due to poor pollination, hollow stems and fruit (hollow heart) and brittle, discoloured leaves and loss of fruiting bodies. Boron deficiencies are found mainly in acidic, sandy soils in regions of high rainfall, and those with low soil organic matter. Borate ions are mobile in soil and can be leached from the root zone. Boron deficiencies are more pronounced during drought periods when root activity is restricted.



"I Have never seen as many nodules in the chickpeas as there are this year"
Bernie Beirhoff, Avondale NSW

LAWN AND GARDEN



TM Lawn and Garden is a custom blended liquid formulation that is applied to the soil and to the plants that will feed the existing microorganisms in the soil. TM Lawn & Garden is an organically registered product that uses “trigger technology” to stimulate native micro life in the soil. Once they are “triggered” back to life they will assist plants to grow stronger and healthier. This will promote increased levels of nutrients, sugar, longer blooming periods and longer shelf life for produce. Increased micro life in the soil retains moisture, releases nutrients to plant roots and improves soil structure. This enables vegetables, fruit trees, natives, lawns and ornamentals to flourish through typical periods of summer and winter stress, remaining strong and healthy while using less water.

Application - Available in 1L

TM Lawn & Garden mixes readily with water for use with water cans or sprayers. When using TM Lawn & Garden you can reduce the amount of fertiliser you use by 10 to 50 percent of the manufacturers recommended rate.

Mix 20mls into 9 Litres of water and spray direct on the soil or as a foliar spray on lawn, gardens or trees. 9 Litres treats approximately 62m of soil. Apply every 2 – 4 Weeks

Use with other chemicals

In unhealthy soil conditions - extreme pH levels, and low oxygen - unwanted weeds and pests can flourish. Since TM Lawn & Garden is formulated to encourage the re-population of native aerobic soil microbes, fungicides and insecticides, if required, should be applied between applications of TM Lawn & Garden. Herbicides can be applied in conjunction with TM Lawn & Garden.

Sabrina Hahn ABC Radio Gardening Host & Professional Horticulturalist



“For many years I have been a strong supporter of increasing soil fertility above simply fertilising plants.”

The basis for all sustained healthy plant growth begins with healthy soil that

abounds with microscopic fungi and bacteria. TM Lawn & Garden can bring the soil back to life, allowing the soil microbes to proliferate and feed plant roots. I have used TM on my fruit trees, veggies and native plants including grevilleas, banksias and blackboys. I found that the veggies treated with TM were much more robust, developed a much larger root system, higher yields and produced disease-free produce. I believe the application of TM also had a bearing on the fact that my potato crop was disease free, negating the need for fungicides. Many native plants are susceptible to various fungal diseases that are difficult to control, but all plants that were given regular applications of TM Lawn & Garden are thriving and have coped better in the hot months. Flowering has also improved. Fruit trees have definitely responded well. Growth has been much stronger and fruit size larger, particularly the citrus. I believe this is because TM has the capacity to increase the moisture and nutrient holding capacity of the soil. I highly recommend TM Lawn & Garden for the home gardeners as a growth tonic for both the soil and your plants”.

APPLICATION RATES

Application Rates, Timing and Mixing

TM Agricultural

a) Cereals, Pulses, and Oilseeds

First Application: 250ml/ha with a minimum of 30L/ha of water or greater

- For best results apply to soil 0 to 6 weeks prior to planting with adequate soil moisture
- Can be injected into seed row with water or with fertiliser
- Can be tank mixed with most herbicides, insecticides and foliar fertilisers.
- Can be used as a seed pickle, 250ml will treat enough seed to plant 1 ha. Depending on seeding rate, water may need to be added to get better coverage when seeding at a heavier rate.

2nd Application: 250ml/ha with a minimum of 30L/ha of water or greater

- For best results apply in crop 6–8 weeks after planting
- Can be tank mixed with most herbicides, insecticides and foliar fertilisers.

b) Forage Crops and Pasture

First Application: 250ml/ha with a minimum of 30L/ha of water or greater in Spring

2nd Application: 250ml/ha with a minimum of 30L/ha of water or greater in Autumn

- TM Ag can be applied after cutting or grazing. A second application can be made after the next cutting or grazing is complete.
- TM Ag has no withholding period for animals as it is a natural product.

TM Agricultural is made from all-natural sources and remains in a natural state. There are no chemicals used in the manufacturing of TM Ag. TM Ag can be applied safely to all vegetation and on all soil types.

Rainfall increases the benefits of TM Ag once the product is in the soil or on the plant. The use of non-chlorinated water is recommended.



APPLICATION RATES

Application Rates, Timing and Mixing

Best Foliar Fertiliser 15 – 10.9 – 6.6 (Granular)

- 1.85 – 2.5kg / Hectare
- 20kg Boxes treats 8.4 – 11.5 hectares
- Apply 2 – 3 Times during growing season
- Mix with water before use
- Minimum dilution rate 10:1

Cereals: Foliar Fertiliser is recommended to apply (spray) at the 3-4 leaf stage. The second application should be at the beginning of flowering to the soft dough stage.

Canola: The application of Foliar Fertiliser on canola is at the rosette stage or pre-bolt stage, which may coincide with the second application of herbicide.

Pulse Crops: The application of Foliar Fertiliser is at the 4th node stage, right up to before the crop flowers.

Can be tank mixed with most herbicides, fungicides and pesticides. If unsure about compatibility, perform a jar test or contact your Distributor. When filling the sprayer, the foliar fertiliser should be added first.

When temperatures reach over 26 degrees celcius, the best time to spray would be in the morning or evening.

Please contact your Distributor for further information on application rates and timing specific to your needs and the stage of your crop.

TM Germination

The product must cover all seeds: they should be damp but not soaked. Seed Germination can be applied to most broad acre crops including pulses, cereals and potatoes.

- Apply directly to seed at a rate of 375mls per hectare.
- 1 Litre Treats 2.7 Hectares

If sowing more than 75kg of seed up to 50% of water can be added for better coverage.

Best makes no representations or warranties, expressed or implied, statutory or otherwise, as to predicted yield or performance. Best also makes no guarantees regarding service, and assumes no liability for the use of the service, and responsibility of the service lies solely with the client. Results may vary according to seed variety, weather, moisture or pre-existing conditions within the growth medium.





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