ERGOFIT - MICROMIX

Sustainable Soil Remediation Solutions the Natural way
Through 40 years of scientific research

Current methods of Agriculture need to

CHANGE

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APPROVALS, LISTINGS & REGISTRATIONS

Interlog Trading and Ergofit Manufacturers and Distribution (Pty) Ltd are proud to introduce Micromix , Ergofit and Ergofit Micromix Aqua the most effective product in Hydrocarbon remediation on Sea , Fresh water and Land.

* Ergofit Micromix Aqua is EPA Listed in the USA's Emergency Response Management Programme.

* Approved and Accepted by the Florida Department of Environmental protections "Bureau of petroleum storage systems" for the degradation of petroleum contaminants in groundwater and soil.

* Licensed for oil spill clean up by the state of California Department of Fish and Game .

* EU - European Union Approved Ergofit and Micromix for use in waterways, Agriculture, Sewage management and soil remediation.

* EPA approved in New Zealand

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* Listed In The Kingdom of Saudi Arabia Presidency of Meteorology & Environment (PME) for Agriculture, sewage and Hydrocarbon remediation

* Listed in the Sultanate of Oman by the Ministry of Agriculture &Fisheries.

*Registered with the Department of Agriculture, Forestry and Fisheries in South Africa under :Act No.36 of 1974.

* Listed and Licensed in Brazil by the department of Agriculture and Environment.

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What does it all mean ?

The approvals, accreditations and listings above are the foundation of introducing a truly natural, effective and non- genetically modified biotechnology to the World. We endeavour to show the world that the natural fungi and microbiology of the earth provide solutions from Agricultural soil restoration , sewage management through to hydrocarbon remediation.

Why do we do the listings ?

We have Ergofit and Micromix scientifically tested and listed with the various authorities in the countries where we have introduced our products to ensure that we meet all environmental standards and efficacy.

Through this process we strive to set **standards** and **benchmarks** that are **measurable** to ensure that only the **best** biotechnologies are used in ensuring a sustainable future for all mankind.

Ergofit and Micromix has a 5 year shelf life

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What have we done to the soil?

- On the majority of commercial farms throughout the world the earthworms have been **annihilated.**

- Agricultural soils are compacted, devoid of critical Microbiology, humic content and further saturated with pathogens ,disease and toxic chemical residues.

- More and more chemical fertilisers are utilised each year, destroying our soils and thus a “need” to use more pesticides in an attempt to protect crops.

DOES THIS SOUND LIKE A FORMULA FOR SUSTAINABLE AGRICULTURE AND FOOD SECURITY ?

We don’t believe so !

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What solution do we offer with Micromix and Ergofit

- Ergofit is a live, living liquid formulation containing micro and macro elements and Micromix which is the core microbiology that we need to restore the Earth.

- The formula is highly effective due to the essential balance between the selected groups of micro-organisms, which when combined with the enzymes, synergistically create catalyzing proteins that significantly speed up the biochemical reactions and natural decomposing processes of the organic material into humic matter.

- Micromix preforms the function of making all nutrients and elements in the soil bioavailable to crops enabling them to grow optimally, produce healthy nutrient rich produce, continually restore the soil and further allow crops to produce **phytoalexins to naturally protect themselves**.

- Easily applied through fertigation, Pivots, or a watering can.

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What are the benefits ?

- **Utilisation of all crop residue in the soils to return valuable nutrients**
- **Crops with Improved nutrients, aroma and fibre structure which ultimately determines shelf life.**
- **Reduction in Chemical fertiliser and pesticides.**
- **No need to leaving valuable land fallow.**
- **Improved Ecological environment.**
- AND ..... **The earthworms come back** .

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A Typical protocol

POTATOES, CARROTS, TURNIPS, BEETROOT, ONION, PUMPKIN, BUTTERNUT, GEMS CABBAGE, CAULIFLOWER, CELERY, LETTUCE, SPINACH, EGGPLANT, PEPPERS

FERTILIZER REGIME	DOSAGE	PRODUCT	DILUTION	WHEN	NOTES	
POTATOES, CARROTS, TURNIPS, BEETROOT, ONION, PUMPKIN, BUTTERNUT, GEMS						
Soil Preparation	9 KG	Ergostart Bio Concentrate	270 Litres	20 Days prior to planting	This needs to ferment for 4 to 7 days before application. Follow bio fermentation instructions included with this protocol.	
	115 KG	Ground Prep Nutrients *	1000 Litres		Once nutrients/fertilizers are diluted add to the bio fermentation above. Leave plant remains on ground and apply. Work into the soil 3 days later.	
2nd Application	6 KG	Ergofit Copper Zinc	500 Litres	Planting	While seeding or transplanting seedlings.	
3rd Application	12 KG	Ergofit Universal	500 Litres	4 applications of 3 kg	Equally spaced time intervals before harvest	
Total	**142 KG**					

Eucalyptus in Brazil with Zusano Forestry

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Golf Courses (Available on the Internet)

REGROWTH OF MARGINAL AREA: PEARL VALLEY 2 (TEST SITE)

FIG 1.

Sparse turf conditions were present within an area of the Test Site. This area measured approx 7m x 5m and was situated on a moderate incline. A sandy soil texture was present with limited quality in thatch layer composition. Through the first 3 months after the Ergofito application the turf quality steadily improved.

fig. 1

FIG 2.

The area improved steadily through the first 3 months of application to such an extent that it matched the overall high turf quality of on the range. The thatch layer had improved in thickness and composition as per the soil and root composition illustrated in sample 2a above.

fig. 2

Carrots in South Africa

Application at Planting

Post Nemacur Treatment

21st December 2010

Results

- **Ergofito: Yield 85%** versus control of **83%**
- **Unknown** what fertilizer or other treatments were applied to **control**
- [redacted] Internal results partially shared

2% increase in yield equates to 1100 kg more produce per hectare when the average yield is 55 Metric tons per hectare

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Phytoalexins (Extract of research)

BIOFERTILIZER AS INDUCING RESISTANCE AGAINST COLONIZATION OF WHITE FLY ON BEAN

Biofertilizer AS INDUCTOR OF RESISTANCE TO THE Colonization OF AGAINST THE MOSCA IN THE BEAN PLANT

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CONCLUSION

The results indicate that the application of this fertilizer in the bean can induce the synthesis of defense chemicals adversely affecting the preference of *B. tabaci* for oviposition. Thus the biofertilizer can be effective in the management of this pest in plantations of beans.

REFERENCES

Complete documents available

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Maize in Kimberly

Maize roots with regular Chemical Fertilisers (Minimal Feeder Roots)

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Maize roots Ergofit Protocol (Note the higher germination rate and large number of feeder roots)

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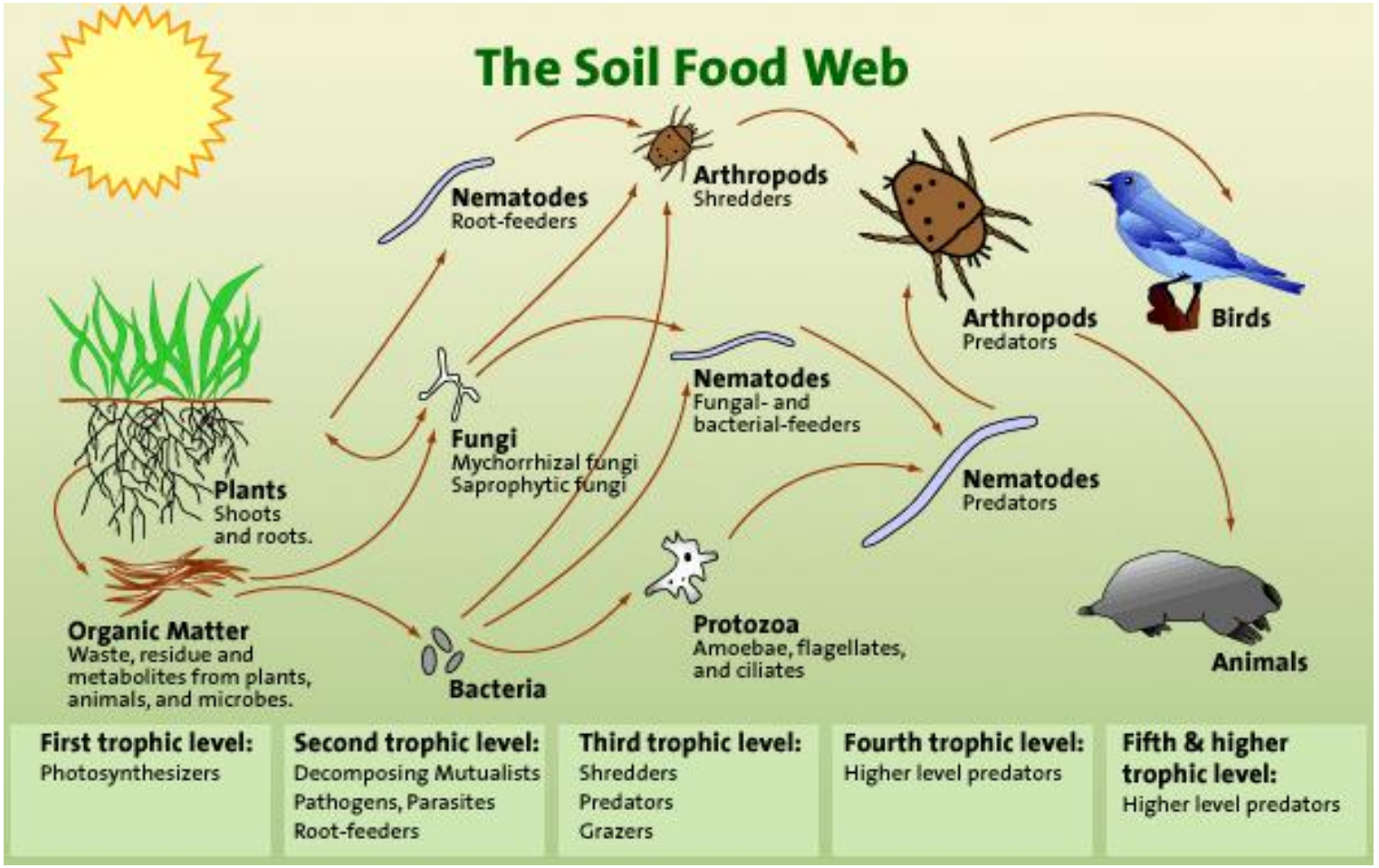
Its all about the balance



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What Can Ergofit do for Emerging Farmers

- **Restore the soil**. Most of the farm land that emerging farmers have to work with is farmed out or lacking in fundamental microbiology .

- Through soil restoration one starts a process of soil management which is the very basic foundation of the agricultural process. Soil management is crucial when considering the **inputs** of **human capital**, **seed** and **financial commitment** that will be required.

- Healthy soil produces healthy crops and to achieve this we need to review historic agricultural processes and adopt one that is sustainable.

- Ergofit and Micromix is manufactured in Cape Town , South Africa and is available locally to start the journey. Our manufacturing facility is geared to manufacture 100 metric tons a day to fulfil supply demands.

- Sustainable agricultural security is only a decision away.

What else can Micromix be used for in Agriculture?

- Ergofit BioFlush is effectively used to manage pit toilets and septic tanks. It eliminates the odour, pathogens and further renders the seepage environmentally safe. The above require pumping out less frequently and do not build up crusts.

- All Organic waste can be composted and returned to the farm land.

- Ergofit Mozziology can effectively reduce mosquito infestation .

- All Hydrocarbon spills and waste can be remediated.

- All organic processing effluent can be managed and the water remediated for irrigation or environmental discharge.

If you require further information, please do not hesitate to ask us.

THANK YOU

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