

ERGOFITO IN ACTION

Give Nature What Nature Wants

Oily Grey Water



ERGOFITO

www.ergofito.co.za

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PREAMBLE:

Grey water or sullage is all wastewater generated in households or office buildings from streams without fecal contamination, i.e. all streams except for the wastewater from toilets.

Sources of grey water include, sinks, showers, baths, clothes washing machines or dish washers.

As grey water contains fewer pathogens than domestic wastewater, it is generally safer to handle and easier to treat and reuse onsite for toilet flushing, landscape or crop irrigation, and other non-potable uses once it has been treated with **Ergofito**.

FATS GREASE & OILS:

Often found in grey water, is a substantial percentage of oils, fats and grease. The origin of these unwanted hydrocarbons is from the kitchen or in the case of a restaurant or hotel directly from the output of the grease trap.

Such hydrocarbons are extremely damaging to soil and plants as accumulation occurs from regular irrigation.

Persistent bad odour will also be present in the garden where grey water irrigation is applied.

It is imperative to immediately introduce **Ergofito** biological mix to ensure rapid hydrocarbon decomposition.

PROTOCOL:

Applying **Ergofito** natural bacterial mix to grey water is generally done by a dosage pump. However there're several methods of application and each case should be approached individually.

Product	When	Quantity
Ergofito Aqua GW	Daily	20 -100 Grams/M ³

Grey water is accumulated in a grey water tank. Depending on the level of Fats, Oils & Grease it is advisable to aerate the holding tank. A level of 3milligrams per liter of dissolved oxygen should be maintained 24 hours per day.

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OUTPUT WATER:

Ergofito natural group of bacteria, enzymes and fungi will decompose all organic matter found in the grey water, including all hydrocarbons, soaps and other organic matter which has a negative effect on plants and soil.

The water quality will be of the agricultural type but cannot be drunk unless processed through a further filtration system.

It can be safely used for toilets, washing of cars and especially for irrigation.

CONCLUSION:

Water is the essence of life, water can also carry pathogens or pollution which puts life at risk.

Water is also precious and often in short supply. Recycling water is the responsibility of the municipality.

As water price increases and supply reduces, it is everyone's responsibility if not duty to find ways of saving it.

Grey water management is the first step towards this necessary goal. With **Ergofito** natural bacteriological mix grey water is simple to produce and maintain.



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