

## A cutting tool you can trust

Good design and modern technology combined in one cutting tool.

The Gerber Bear Grylls Parang is a modern version of the traditional jungle tribesman's machete and is invaluable in dense vegetation. Its angled, heavy blade makes short work of branches and vines and it is a useful tool for clearing brush. The robust high carbon steel blade is reasonably rust resistant and easy to sharpen.

The parang has full tang design and construction, with the two halves of the grip attached to one another by screws through holes in the tang for strength and durability.

The ergonomic textured rubber grip maximises comfort and reduces slippage, while the military-grade nylon sheath is lightweight and mildew resistant. It comes with a lanyard cord, which acts as a guard to enhance grip security.

### SPECIFICATIONS

- Overall length: 495mm, blade length: 343mm.
- Weight without sheath: 550g, with sheath: 720g.

The Gerber Bear Grylls Parang includes land-to-air rescue instructions and SOS signals, as well as *Priorities of Survival* – a pocket guide to survival essentials.

Price: about R499 (incl VAT) from selected retail outlets countrywide.

– Chris Nel ■FW



**ABOVE RIGHT:** The Biomax digester's small footprint area enables an operator to load/unload, treat organic waste and store the end-product within the same area. COURTESY OF BIOMAX

**BELOW:** The Gerber Bear Grylls Parang is a high quality purpose-designed cutting tool with many uses. COURTESY OF GERBER



## Organic fertiliser in 24 hours

Enzymes and aerobics convert organic waste into organic fertiliser in a day.

Biomax Technologies, a Singapore biotechnology-based company, is bringing its super-fast composting technology to South Africa in the form of an aerobic digester which, when coupled with its innovative BM1 enzymes, converts organic waste into fully organic fertiliser within 24 hours.

and takes little space, enabling operators to load and unload, treat waste and store the end-product within the same area.

Organic waste is loaded into an enclosed digester and mixed with BM1 enzymes, a specially formulated mix of naturally occurring micro-organisms.

such as plant waste (maize chaff, sugarcane bagasse, fruit pulp and horticulture waste), livestock waste (animal manure, bedding and straw, slaughtering and hatchery waste), municipal waste (food waste and sewage sludge) and sludge from biogas operations.

"For best results, we recommend a mix of 70% green waste and 30% brown waste. Animal wastes are suitable raw materials as they produce high nitrogen fertiliser," stresses Thiri.

The end-product is a pathogen-free and odourless, enriched organic fertiliser. Since it is produced at a high temperature, all harmful micro-organisms are killed during the process.

The end-product is a sterile and mature fertiliser that can be directly applied on the farm. It has a high NPK value and an organic matter content of more than 70%.

The price depends on the capacity of the digester.

– Robyn Joubert ■FW

**'USE A MIX OF 70% GREEN WASTE & 30% BROWN WASTE.'**

"Ours is the only of its kind and the fastest technology in the world. That is why, in just three short years, it has been adopted in 11 countries across three continents," says Thiri Aung Myint Kyaing, Biomax marketing executive.

The Rapid Thermophilic Digestion System is designed to be easily installed on-site to treat waste biomass.

This site serves as a one-stop centre for waste processing and storing the end-product. The plant has a small footprint

"The enzymes accelerate the digestion time by activating fermenting micro-organisms at a temperature of around 80°C."

Depending on its design capacity, a digester can process between 15t and 50t of waste daily. The conversion rate from input waste to output fertiliser is 70%, which means that 15t of raw material will yield about 10t of fertiliser within 24 hours.

"The system is flexible enough to treat different types of biomass

For more information on these products, contact 011 889 0836 or email farmersweekly@caxton.co.za. Subject line: On the Shelf.