"Innovating For Sustainable Future

PRODUCT CATALOGUE

AGRI DRIP
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DRIP IRRIGATION

Steps before installing a drip kit

Site Visit & Data Gathering

Generally, data obtained for designing a good system encompasses the following.

- Dimensions of the farm i.e length and width
- Slope of the farm.
- Distance from farm to the water source
- The position of the tank relative to the farm

Once a crop is selected, we will advise on the number of drip lines per bed. We recommend 3 drip lines per for onions and garlic and 2 drip lines per bed for tomatoes, cabbages

The drip irrigation kit can be gravity driven or pump driven, either by use of diesel pumps, electric booster pumps, solar pumps or high pressure pump

The cost of drip irrigation ranges between 140,000 to 175,000 depending on the number of drip lines..

CONE GARDENS

Cone Garden Farming is defined as climate smart agriculture because it conserves on land and water. They are also easy to manage and require little technical knowhow. Our Cone gardens are made of HPDE which allows smooth flow of water downwards and can last for over 20 years.

Compared with conventional ground farming which can hold 60 -100 plants on a 2M by 2M space, a cone garden will hold 180-250 plants.

Price at Ksh 2,500 per set with each set containing 5 rolls or layers of varying diameter. This cost covers installation but the client will provide soil, manure and additional labor depending on the scale of the project.

SHADE NET HOUSES

Our high-quality knitted shade cloth is used for a variety of crops to exclude birds, provide uniform shadow and to control air movement in greenhouses and nurseries. The tapes have UV resistant additives giving the net durability and longevity. The net is recyclable and resistant to agrochemicals.

A 50M by 4M Shade Net House is priced at Ksh. 22,000.

BIO-DIGESTERS

These are systems designed for both household biogas energy demands for daily use and large scale energy demands.

LARGE CAPACITY BIODIGESTERS

These are highly efficient large capacity systems with high gas production designed for Farms, Children's homes, Universities & institutions, Schools, Hotels and anywhere with a high-energy demand.

The systems are also designed as waste management devices for market places, municipal waste management etc.

STANDARD MODEL

These are systems designed for household biogas energy demands for daily use.
A 20 Kgs bucket of any waste will produce all the cooking fuel necessary for the typical 6 – 8 member homestead.

BIODIGESTER MODEL	PERSONS	CAPACITY	PRICE (KSH)
STANDARD MODEL	UPTO 6	$6M^3$	80,000
XL MODEL	UPTO 8	$9M^3$	95,000
XXL MODEL	UPTO 18	$12M^3$	150,000

BIOGAS FLAME

Transforming agricultural and food waste into compost and biogas for cooking and producing electricity among many other uses.

WASTE MANAGEMENT SOLUTIONS

BIO-SANITATION SYSTEMS

Human waste management for institutions, markets and areas with high populations. Our BIo-sanitation systems provide hygienic solutions, effectively managing human waste in a safe and environmentally responsible manner. Bio-san ranges from KS 95,000 to 200,000 depending on the metre cubic m^3

Key Advantages of the Bio-San Systems

- Never fills up and never requires emptying, eliminating the need for exhausters.
- Suitable for all terrain, so rocky areas and high water table areas is not a problem.
- Cost-effective compared to conventional waste management methods.
- Prefabricated for quick and easy installation.
- The liquid byproduct can be used for tree irrigation or directed along fences.

  Ensures a clean and sanitary environment

BIO-DIGESTERS FOR ORGANIC AND ANIMAL WASTE

A wide variety of waste, including animal manure, municipal rubbish or waste, plant material, food waste or sewage can be fed into the bio-digester to produce biogas and organic fertilizer.

BIO - FERTILIZER

The overflowing bio-slurry from the biodigester system is a highly nutritious organic fertilizer ready for absorption by plants without "burning the plants". It can also be applied as top dressing or sprayed on plants as an effective pest repellent.

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