



TAST COMPANY LIMITED
COMPANY PROFILE

WHO ARE WE

Tanzania Agricultural Services and Training (TAST) is a company established by the graduates of Sokoine University of Agriculture with the aim to deliver services and consultancy to most of the farmer especially in rural areas so that they can acquire good farming practices for food security as well as improving livelihood.

Also, TAST supports environmental policies and mitigation measures to climatic changes which are great threats to farmers such as seasonal variation of rainfall, pests and poor farming practices which results to soil problems, land degradation and finally low yield. These problems need professional agricultural skills and education to overcome them.

TAST will always work together with small, medium and large-scale farmers to know their problems and find out a solution so as to make agriculture a growing sector through provision of adequate food, employment and raw materials for industries. No matter how hard it is, TAST will work with farmers to provide necessary information, knowledge and services in order to see the flourish in agriculture sector in Tanzania and Africa in general.

COMPANY HISTORY

Over the past 6 years since establishment of TAST consulting company in August 2016 as agricultural and farming consulting company based in Tanzania, we are continuing to expand our network with provision of highly value-added consulting services which assist our clients to produce in more profitable way and useful manner.



OUR VISION

When our clients specifically farmers improve their harvests, they move themselves out of poverty. They also start producing extra agricultural produces for their neighbors. When farmers make steady progress, they eradicate poverty and hunger in their communities and country as whole.

TAST as Agricultural and farming consultancy we are focusing on expand our network in Tanzania and Africa in general. Through providing necessary and accurate information to the farmer in order to produce in more profitable way and improving their livelihood. By 2020, we will serve numerous number of farmers and increase their production and they can produce raw materials to feed the nation and to meet the industrial demand.

This is only sound, when millions of farmers speak with one voice, and produce in more modern way through the use of really and well agricultural experts.

OUR MISSION

Through proper consultation, purely training and professional services we can bring success to our client particularly farmers continuously toward enhancing corporate value, care of people and deliver results through innovation.

OUR CORE VALUES

CLIENT CENTRIC

PROFESSIONAL EXCELLENCE

POWER DIVERSITY

COLLEGIALITY

ORIGIN GLOBAL OUTLOOK



OUR SERVICES

TAST Company Limited provides a wide range of services to a diverse clientele worldwide, offering optimum, and targeted viable solutions to their specific projects intended to support international sustainable development, as part of a systematic approach for achieving human development.

We are, as TAST supplying two different sprinkler type. One of them is impact type sprinklers, other is gear drive sprinkler.

Impact sprinklers have special designed spoon which is placed on it. This spoon continuously hits the throwing pressured water from the nozzle. This impact giving a rotation to the sprinkler. Some impact type models has body rotation angle adjustment mechanism.



IMPACT SPRINKLERS





TAST supplies pvc pipe accesories for small budget farmers and projects too , with PVC accesories you can make own Irrigation system with glue , these system suitable for hand move system and dry season you can make irrigation with small budgets



GEAR DRIVE TYPE SPRINKLERS

- Gear Drive type sprinklers have special propeller and combined gearbox in front of the sprinkler.
- Thrown water from the nozzle turn the propeller, rotation reduced by the gearbox and transfer to the main body gears
- Thus, ensures the sprinkler rotation on its axis.
- Gear drive sprinklers also have body angle adjustment pins and water breaker. Water breaker also takes its movements from propeller movement. Water breaker can adjust for meet the client expectations.



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What is the main differences between impact and gear drive sprinklers ?

- Impact sprinklers are cheaper than gear drive sprinklers.
- Impact type sprinklers needs high pressure for small droplets according to gear drive sprinklers.
- Gear drive sprinklers have continuous rotation on its axis according to impact types.
- Gear drive sprinklers presents bigger models for high water quantity and throw range than impact type.

Why we have to choose sprinkler irrigation ?

- Sprinkler irrigation is the best water giving method especially on plant germination process.
- Sprinkler irrigation is the closest method to natural rain.
- Plant can be washed from pesticide and harmful substance with sprinkler irrigation.
- Water can be delivered homogenously to irrigation area and to the plant.

TAST is also supplying self moving Irrigation Travelers.

- Travelers use water volume and pressure for taking rotation its original designed high efficiency water turbine.
- Obtained rotation sends to the gearbox . Gearbox increase the torque and decrease the revolution per minute.
- As next step, rotation reaches to the cable drum.
Traveler rewind the steel cable in to the cable drum and move straight on.
- Angle adjustment pins on the Sprinkler adjusts to irrigates only backside of the travelers as 180 °.



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MAIZE SHELLER



PADDY THRESHER





SCREENHOUSE STRUCTURES

When we design screenhouse structures, our first priority at TAST Company is to ensure the quality of the plant environment, creating an environment that fosters the growth of plants and protects them from the elements should be the primary function of any screenhouse.

Metallic screenhouse is a metal-framed plant house that is covered with a microns u.v treated polythene and a ventilation net to create favorable microclimatic conditions for plants to achieve optimal growth.

The screenhouse can be a low or high tunnel with a dome roof or open ventilated roof. Metallic greenhouses are made of aluminum, galvanized metals, or steel.

Wooden screenhouses is an A-framed shape screenhouses with top vent are made of timber or round poles that are joined together with nails and wall pass to withstand the strongest wind of up to 120 km/hour. The frame is then covered using a u.v treated polythene that is fastened using nails.

Wooden screenhouse poles and posts are usually treated with termiticide and covered with polythene to prevent rotting from water and termites from spoiling the timber.

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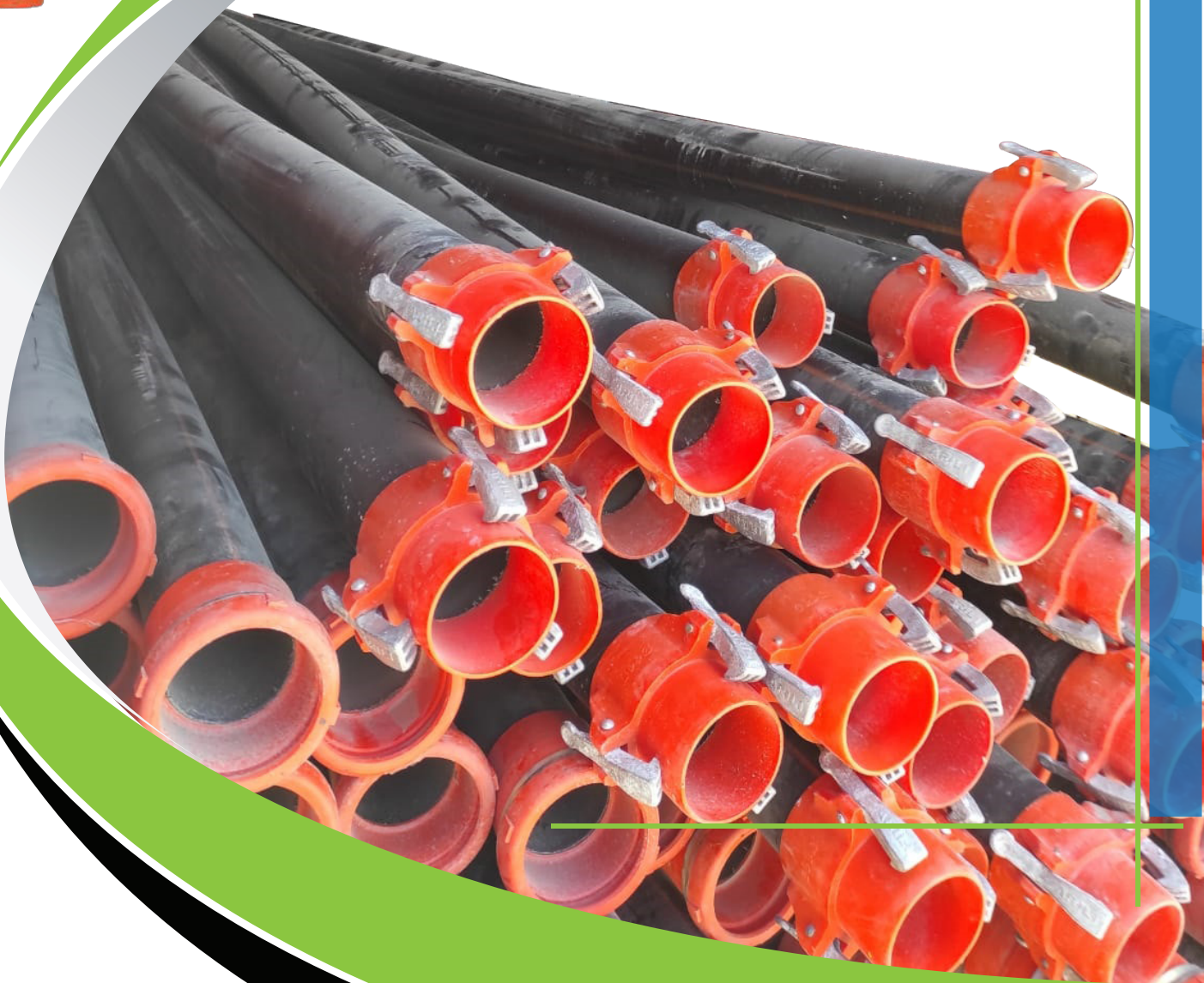


DRIP IRRIGATION MATERIALS





HDPE QUICK COUPLING PIPE & FITTINGS



CONTACT INFORMATION



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