



COMPANY PROFILE 2021

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MESSAGE FROM THE DIRECTOR

Dear Partners,

"Since independence, Kenya has had deficit in honey production which leads to over 80% of honey processed in Kenya being imported from Tanzania while there is a lot of potential for beekeeping in the country.

Infact, Leading honey producers in Africa such as Ethiopia, Zambia, Tanzania, Uganda and Zimbabwe have the same favourable climatic conditions for beekeeping as Kenya.

Bee-keeping in Kenya has been practiced traditionally for many years. However only 20% of the country's honey production potential (estimated at 100,000 metric tonnes) has been tapped.

Honey is five times more expensive than oil and its demand is increasing not only in Africa itself but all over the world. Priced at between \$6-\$11 (Ksh600-Ksh1,100), one kilo of honey in Kenya costs five times what a litre of petrol does, and in the Arab market, a jar of honey can fetch almost double this amount (\$15-\$25).

Jungle Honey is dedicated to work with you to realize the hidden, untapped potentials that is more valuable than Gold."





WHO WE ARE

Jungle Honey (JH) is a social enterprise that is involved in empowering interested beekeepers through offering training on modern beekeeping, provision of langstroth beehives and other beekeeping equipment, management of the apiaries, provision of the bees, technical support, processing and marketing of the honey and associated products.

Jungle Honey is working for the development of the beekeeping and honey industry in Kenya and targeting eventually the Eastern African region as its operational area. JH chose to work in the agricultural sector since the sector remains key to Kenya's economic development and offers opportunities in agricultural enterprise development. JH believes that use of technological advances in agriculture coupled with market opportunities for agricultural commodities can bring about positive changes for agricultural producers and processors.

Vision

- ▶ A sustainable Bee Keeping industry in Kenya, Eastern Africa, African continent and globally for improved livelihoods, healthy living and sustainable livelihoods within local communities.

Mission

- ▶ To promote the beekeeping enterprise in partnership with rural communities, willing development and community organizations, individual investors and turn it into a commercial enterprise through the use of modern bee keeping technology and equipment for the production of honey and associated products.



WHAT WE DO

- ▶ Supply of bee hives (Langstroth, KTBH and Johnson Bee hives)
- ▶ Provision of Bees (Colony Bees)
- ▶ Supply of Bee equipment
- ▶ Apiary Management
- ▶ Technical support
- ▶ Training & Capacity Building
- ▶ Research on Apiculture
- ▶ Oil and Juice extraction
- ▶ Provision of Processing and Marketing services
- ▶ Bee plant supply
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SERVICE TRAINING

1. One on One Training
2. Cluster or Group Training
3. Online Webinars
4. In-service Training - April, August, December Classes

SERVICE TRAINING SYLLABUS

- ▶ Introduction to bee keeping and its importance
- ▶ Bee products and uses
- ▶ Types of beehives (Pros and Cons), Bee Hive tools, and handling and management.
- ▶ **Bee management**
- ▶ Bee forage and environmental conservation
- ▶ Apiary siting and site selection
- ▶ Life cycle of bees, colonization and baiting
- ▶ Management of bee hives, hive inspection, safety and hygiene.
- ▶ Honey harvesting (and other bee products, processing and storage)
- ▶ Pests and diseases and their control
- ▶ Preserving bee population using sustainable management systems
- ▶ How to increase quantities of honey from hives
- ▶ Running sustainable bee enterprises including linkage between honey producers and potential market linkage
- ▶ Record keeping and financial management training

PRODUCT CATALOGUE



LANGSTROTH BEE HIVE



KENYA TOP BAR HIVE



SMOKER



DECAPPING FORK



BEE BRUSH



HIVE TOOL



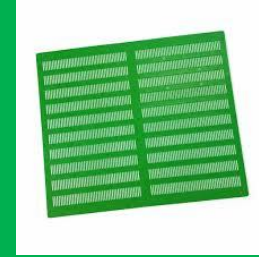
CENTRIFUGAL MACHINE



DEEP LANGSTROTH



BEE VENOM COLLECTOR



PROPOLIS TRAP



PROTECTIVE GEAR



CANONICAL STRAINER



CENTRIFUGAL MACHINE (PLASTIC)



HONEY WARMER



CATCHER BOX



DOUBLE SIEVE



CLEARER BOARD



FOUNDATION SHEETS



FOUNDATION SHEETS



HONEY PRESS



SETTLING TANK





OUR CLIENTELLE - CORPORATE





BEE KEEPING EQUIPMENTS

- ▶ **LANGSTROTH HIVE** - This is an American hive named after its founder, Lorenzo Lorraine Langstroth, who designed it in 1851. It has at least two tiers, with the lower chamber being referred to as the brood chamber.
 - ▶ **Bottom board**- a wooden stand on which the hive rests. Set the bottom board on bricks or concrete blocks to keep it off the ground
 - ▶ **Roof top**-Made of metal covering and a wooden frame, the roof protects the bees from adverse weather conditions and reflects light and heat away
 - ▶ **Frames and foundation**- wooden frames hold sheets of beeswax foundation that is imprinted with the shapes of hexagonal cells. Bees use the foundation to build straight combs.
 - ▶ **Brood chamber**- a large wooden box that holds 10 frames of comb. Reserved for the bees to rear brood and store honey for their own use. Either one or two hive bodies can be used for a brood nest.
 - ▶ **Queen excluder**- placed between the brood nest and the honey supers. It is made of wire mesh and keeps the queen confined in the brood nest, will not occur in honey supers. An excluder is usually not necessary if two hive bodies are used
 - ▶ **Honey supers**- shallow supers with frames of comb in which bees store surplus honey. This surplus is the honey that is harvested.
 - ▶ **KENYA TOP BAR HIVE** - This was designed and developed in Kenya. It has 26 pieces of top bars, and each is treated with beeswax, to guide the bees on where to attach the comb. Each bar carries one comb
 - ▶ **BEESUIT** - This is a set of clothing used to protect the beekeeper from bee stings when opening the hive during hive inspection and honey harvesting
 - ▶ **SMOKER** - Used to emit smoke when puffed to calm down the bees
 - ▶ **HIVE TOOL** - used to pry top bars and frames such that brood
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- ▶ **BEE BRUSH** - Used to gently brush the off the comb surface
 - ▶ **CATCHER BOX** - simulation of a brood box but smaller in size. They have five frames of the same size as the brood box. It is used to trap colonies, transport them and transfer to the brood box.
 - ▶ **DECCAPING FORK** - the forked portion is used to remove the capping's/wax seal on the surface of a capped or sealed comb full of honey.
 - ▶ **SIEVE** (double or single) - sieves honey to remove any sediments or particles.
 - ▶ **CANONICAL STRAINER** - This is used for straining and processing honey by filtering impurities and debris to produce a cleaner product.
 - ▶ **HIVE STAND** - In [beekeeping](#), a beehive stand is a structure that elevates the beehive off the ground. Hive stands are made of wood, plastic or metal.
 - ▶ **HONEY EXTRACTOR** - A honey extractor is used in beekeeping to extract honey from beehive frames. It is largely made of stainless steel. It can accommodate 2-6 beehive frames at a time and allows observation of honey extraction progress through the clear lids at the top.
 - ▶ **HONEY WARMER** - Pure raw honey crystallizes and turns from a liquid state to a semi-solid state at temperatures under 70°F (21°C). To re-liquefy the honey and reverse the crystallization process, the honey must be slowly and evenly heated to approximately 95°F (40°C). To greatly increase the fluidity of the honey, packers and bottlers may heat the honey up to 150°F (60°C) for a short period of time to strain/filter and package the honey into bottles.

- ▶ **SETTLING TANKS** - Honey buckets and Settling Tanks are essential during the extracting and filtering process before the packing step. They are also a great way to store honey before bottling. They come in different capacities.
- ▶ **PROPOLIS TRAP** - **Propolis traps** are an excellent way to harvest clean **propolis** from your hive and add extra income. Replace your inner cover with a **propolis trap**. The bees will fill the grooves of the **trap** with **propolis**. To remove simply put the **trap** inside a plastic bag and freeze overnight. Honey bees make propolis out of the resins they collect from deciduous trees such as cottonwood, birch, alder and poplar (aspen). As these trees bud, they exude these resins around the bud in order to protect is from fungi and other diseases. Foraging bees utilize their pollen baskets (corbicula) to carry globs of propolis resins back to the hive.
- ▶ **VENOM COLLECTOR** - A device that gives electro-stimulation to living bees so that bee venom can be collected from them.
- ▶ **BEE VENOM COLLECTOR** - A **refractometer** is a device which measures the content (brix or sugar, honey, urine, salt, battery fluid...) of a solution by the refraction of light.

ITEM	DESCRIPTION	QUANTITY	VALUE
LANGSTROTH HIVE	Comes with upper cover made of flat metallic iron sheet, fitted with ten frames, brood box, queen excluder, super box and fixed bottom board	1`	6500
QUEEN EXUDER	Wooden frame with wire mesh	1	300
FEEDER BOX	Wooden bar with waterproof cardboard sides perforated at the top.	1	1500
CATCHER BOX	A model of Langstroth hive and comes with a capacity of five frames	1	3500
FOUNDATION WAX	Comb starter strips	5	225
FRAMES	Wooden with wire support for comb	1	250
PROTECTIVE CLOTHING	Nylon or khaki bee suit with head veil and a pair of gloves	1	4000
SMOKER	Comes with a reservoir, bellows and spout through which smoke comes out	1	2000
BEE BRUSH	Comes with a wooden handle and a row of natural fibers	1	300
HIVE TOOL	Metallic, j-shaped	1`	500
HONEY CENTRIFUGE MACHINE	Manually operated 3 frame stainless steel centrifuge machine with three metal legs for support. Convenient for rural farmers	1	60,000
	6 frames	1	80,000
	9 frame plastic	1	125,000
	9 frame stainless steel	1	200,000
HONEY SIEVE	Stainless steel with adjustable handles that can be detracted to fit on any standard bucket	1	8500