



# API News

June 2014  
Issue X

A publication of The Uganda National Apiculture Development Organization (TUNADO)

A Membership & Apex Body for  
Coordinating Apiculture Sector in Uganda



*If you are interested in receiving this Newsletter, please contact*

**TUNADO**

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*To support the beekeeping communities in Uganda; contact [info@tunadobees.org](mailto:info@tunadobees.org)*

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*The API Newsletter is published quarterly*

**Special thanks to Bees for Development for aiding TUNADO to instigate the API Newsletter under UHTP**

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## Editorial Message

Dear readers,

Welcome to the 10<sup>th</sup> issue of the api-newsletter. Let me take this opportunity to thank you for the support as we approach half the year mark. We are pleased to share with you news around the apiculture sector. In the issue we bring you the importance of bees to human health and the ecosystem and the reason you should participate in the 5<sup>th</sup> Honey Week Event. Also find information on management and conservation of bee forage. More interesting is TUNADO's journey to partner with Trias VZW in a new three year programme **Enabling Synergies between Organised Enterprising People**. Did you know that market research is key for you to make profits in beekeeping read all this and much more inside this issue. In the regional news Mbale CAP explains how beekeeping and tree planting are helping to improve their livelihoods. Also do not miss out, on the apiculture trainings and how honey can enhance our beauty and health.

On behalf of the editorial team, happy reading and awaiting for your feedback.

**Mable Charity N. +256772 911 719**  
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*Chief Editor*



## Chairman's Message

# Updates on TUNADO's progress in 2014

“If the bees disappeared off the surface of the globe, then man would only have four years left. No more bees, no more pollination, no more plants, no more animals, no more man “Albert Einstein. This apocalyptic vision which few scientists believe may not happen is an indication of the importance of bees to the world’s agricultural economy. It is estimated that honey bees are responsible for pollinating 90% of our food crops worldwide. You are welcome to the 10<sup>th</sup> edition of the Api News which is dedicated to the important role bees play in our health and that of our environment which is threatened by the climate change. In the same edition, we bring you the highlights of our well attended National innovative MSP where stake holders voiced the need for all actors to upscale provision of skills using the farmer led extension approach so as to increase production. Participants were also encouraged to

grow and mange forage for the bees instead of depending on natural vegetation which is increasingly being depleted due to deforestation.

We also bring you the highlights of TUNADO AGM which witnessed a record attendance of over 100 delegates. At the AGM, the Annual Report was presented together with the Audited Financial Statements of TUNADO for last year, 2013. Members were happy with the report and the financial statements and resolved that TUNADO opens regional offices so as to serve the members more effectively. I am happy to report that with the support from Trias, TUNADO will open the first regional office in Arua. This edition also gives you the highlights of the 4<sup>th</sup> honey week and what to expect in the 5<sup>th</sup> National Honey week scheduled for the 25<sup>th</sup> to 30<sup>th</sup> August

2014 under the theme “Beekeeping for human and environmental health”. The 5<sup>th</sup> National Honey Week is a high level apiculture promotion event where stakeholders show case their products and services to the public. It provides you an opportunity to learn how these industrious commercial insects contribute to your health and that of the environment. I wish you happy reading.

**Jurua Jackson**  
Chairman BOD - TUNADO

*It provides you an opportunity to learn how these industrious commercial insects contribute to your health and that of the environment.*



TUNADO Chairman gives basket of honey products to the State Minister of Trade and Industry

# ED's Message

## TUNADO'S NEW PROGRAMME FOR WEST NILE AND BUNYORO WITH SUPPORT FROM TRIAS VZW

**About TRIAS VZW:** Trias is a Belgian NGO, a joint initiative of three Belgian NGOs and their networks and focuses on sustainable livelihood security of entrepreneurial people (small-scale farmers and small-scale micro-entrepreneurs) and their organisations in developing countries by promoting self-development, entrepreneurship and local economic development. For details about Trias Uganda, visit [www.triasngo.be](http://www.triasngo.be), P. O Box 5617 Kampala, Kiwafu Estate Road.

### TUNADO's Journey to partner with Trias 2014-2016:

In 2013, The Uganda National Apiculture Development Organisation (TUNADO) responded to **TRIAS's** call for proposal early march 2013 around April 2013 the team from Trias Lead by Mr. Paul Allertz visited TUNADO to assess issues on submitted proposal. Thereafter TUNADO was called to meet with other Partners who responded to the call to think through together and develop the programme and the process almost took the entire year. In November TRIAS invited TUNADO ED-Mr. Biryomumaisho Dickson

together with USSIA ED-Mr. John Walugembe to attend a workshop titled **Entrepreneurs meet Entrepreneurs** in Brussels where we met with TRIAS supported partners. Interesting to this trip was meeting **UNIZO** and **Syntra West** each with a unique way of working that TUNADO and other member based organisation can replicate. For example UNIZO is a member based organisation for entrepreneurs not enterprises of entrepreneurs and each entrepreneur pays same subscription a reason why they are all equal. It has a very strong advocacy team and has grass root representation while Syntra West is interesting in sense that it stands for better learning in enterprise development for SME. It offers courses in twenty sectors/trades, both in day and evening education, in six locations throughout West Flanders. Syntra's practice-oriented approach ensures that the knowledge the entrepreneur acquires with Syntra West, can be directly applied by the SME professional. Can you imagine that if you are a social worker say and wish to do business say in food and beverage, Syntra West has the capacity to train you and you do that business better?. I



Mr. Biryomumaisho Dickson, ED - TUNADO

think this is lacking here in Uganda and am sure that many Ugandan both informal and formal employees wish to start beekeeping business but not sure how they can start. An approach like that of Syntra West is what we need to cause the above to happen. Back from Belgium, TUNADO was informed in early 2014 that it was considered as one of the partners for TRIAS to implement the Programme known as **Enabling Synergies between Organised Enterprising People (ES-OEP)** and an agreement signed on 1<sup>st</sup> April 2014 this was music to TUNADO and implementation is on-going. We thank Bees for Development Uk, Swiss Contact Uganda and all other partners that worked hard to build TUNADO's capacity to reach this height. A brief highlight on the Programme (ES-OEP) is funded by Belgian Directorate General Development (DGD) through TRIAS. The long term general objective of the above-mentioned programme: *"Organized FF and SSE, especially poor people, women and young people, have sustainably improved livelihood, and connect and act collectively", through the specific objective "In Uganda Trias wants to see a sustainable TUNADO (MBOs) as an active apiculture actor in society, empowering their members personally and professionally, especially poor people, women and young people, improving members' market participation, challenging power relations in society, and contributing to a more inclusive global society"*

More specifically, TUNADO is expected to contribute to four result areas:

#### **Expected Result 1 of Trias SF:**

*Empowered poor, women and youth pro-actively participate in their own MBOs or in democratic open and mixed MBOs, acting towards a more inclusive society.*

#### **Expected Result 2 of Trias SF:**

*MBOs have effectively improved their internal organization and organizational sustainability*

#### **Expected Result 3 of Trias SF:**

*MBOs and their strategic public and private partners facilitate integrated quality services to*



Bunyoro Participants after ES-OEP Initiation Apiculture MSP



ensure better participation in markets, especially for poor people, women and young people;

#### **Expected Result 4 of Trias SF:**

*MBOs join in coordination, dialogue and collaboration with other actors towards a more inclusive global society*

To achieve the above, TUNADO will work in TRIAS programme areas of Bunyoro (Hoima, Masindi and Buliisa) and West Nile (Arua, Zombo and Nebbi). TUNADO will contribute to the above result areas through apiculture. Under this programme TUNADO targets active poor, youth and women and will build their capacity along the honey value chain using **farmer led extension** and pull (organized marketing systems to provide incentive for increased volumes of hive products other than push approach of providing inputs to increase production) approaches that integrates Enabling Rural Innovation (ERI) Visio training aspects for more information about the program and how it works contact TUNADO at [info@tunadobees.org](mailto:info@tunadobees.org) or call 0414258070. Lastly I want to take this opportunity to thank TRIAS VZW and the Ugandan staff and the Belgian DGD for supporting the Programme, BoD and Staff TUNADO (Ms Mable Charity-Programme Manager, Ms Sauda Babirye-incharge of finance and Biryomumaisho Dickson-ED) plus one of TUNADO members Ambrose Bugaari for working hard in developing this programme.



**TUNADO ED hands over the API Newsletter to the CAO Masindi after introducing ES-OEP**

## Conservation and Management of Bee Forage Practices for beekeepers

During flowering, farmers have been reluctant to manage their forage and some of them have gone ahead to use pesticides. Such unsustainable habits in environmental management can alter the ecosystem. Therefore, the need for environmental friendly practices. Farmers should by all means minimize pesticide drift from the field to adjacent areas to avoid poisoning flower-visiting bees. Honey bee colonies can be removed from an area before applying pesticides.

Forage management can help to ensure the bees have nectar and pollen all year round. Therefore an agent needs to manage forage effectively. This includes sustaining the diversity of different plants to ensure the presence of flowers all year round, particularly when crops are not flowering. Such crops could include; Bottlebrush, Calliandra, Coffee trees, Sunflower, Moon flower, Mimosa, cucumber, pumpkins, melons, apples, almonds and citrus trees.

Areas with such plants can provide sites for resting and nesting of these bees. It is also necessary for a beekeeper to spare a portion of his/her land as small as a 1-metre strip in the farmland to host all year round food resources for the bees. Additionally, in order to enhance honey bee numbers, there should be provision of water and sugar water during times

### THE BOTTLE BRUSH TREE



**Picture of the Bottle brush flower Source: ??**

when there is insufficient nectar (but this must be done according to specific guidelines otherwise it will cause the death of the bees), the provision of good nesting sites and the management of bee pests and diseases. It is also important to increase awareness of the value of honey bees as a source of hive products.

This is an ever green shrub / tree that can grow up to 9m high with drooping branches. The flowers have scarlet or crimson stamens and are born mainly in the dry season in a cylindrical spike. Its

leaves continue to be produced beyond the flowers. It can be planted around the apiary site, garden, and around the house as an ornamental tree. This tree can be grown easily from a seed which germinates uniformly after two weeks and no treatment is necessary.

**Compiled by  
Aaron Bomujuni**

**Source: Paul Latham. (2008): Plants visited by bees and other useful plants of Umalila, Southern Tanzania, p.48**



# TUNADO holds the 7<sup>th</sup> Annual General Meeting (AGM)

**T**he AGM constitutes all the members of TUNADO. This year's AGM was held on 4/04/14 at Uganda National Farmers Federation (UNFFE) Hall.

The agenda of the AGM was to present the annual report and audited accounts of 2013, nominate and determine the remuneration of the auditors, receive and consider the budget and work plan for 2014 financial year. During the AGM key achievements of 2013 were presented and below are the highlights;

**Policy engagement;** TUNADO created a regular forum and platforms for apiculture value chain actors to stimulate collective reflection, renewal, strategies and actions on cross cutting socio-economic and political issues of interest to apiculture industry. TUNADO through the BOD has engaged in deliberations on issues regarding the agricultural policy and this was passed by parliament in December 2013. A memo was drafted and presented to MAAIF regarding sector issues and especially the national apiculture policy and National Residue Monitoring Plan (NRMP). The NRMP was implemented for 2009, 2010, 2011, 2012 and 2013. TUNADO continues to mount pressure on Government to ensure continuous implementation of NRMP for 2014 and years to come. On the issue of the National Apiculture Policy (NAP), TUNADO's efforts were complimented with Apitrade Africa to engage MAAIF with both national consultative and validation workshops on (14/11/2013 and 26/11/2013) and the result was a revised draft national apiculture policy. TUNADO appreciates Swiss Contact Uganda, Bees for Development UK and all the stakeholders for the financial support.

**Member servicing;** Membership of TUNADO steadily grew from 165 members to 189 members as of 31<sup>st</sup> December 2013. During

the year, TUNADO published and distributed 3,000 newsletters, With an average distribution of 1500 hard copies per quarter, and 4500 copies in a year as well as the and soft copies via website. Together with MAAIF, SCU and BfD - UHTP there was a simplification of the National beekeepers Training and extension manual which is ready for printing. TUNADO also continues to be

an information reference centre for members and the public through continued exchange of information with members and the public.

**Apiculture promotion;** TUNADO successfully organized the 4<sup>th</sup> national honey week event and had public outreach to over 10,000 patrons and 85 participating exhibitors. In the same way a delegation of 5 Ugandans were able to showcase a range of Ugandan products during the Apimondia congress in Ukraine. TUNADO also supported marketing of honey and other api-products and inputs through promotion of e-marketing for her members.

**Institutional strengthening;** The year 2013 had capacity building training activities for members, BOD and staff. These trainings focused on governance for members, resource mobilization and budget monitoring for the BOD and grant/project management for the secretariat. Conducting of the Annual General Meeting (AGM) in March 2013. TUNADO also organized, and participated in partnership meetings with various organizations, these meetings covered sector related issues ranging from policy, research, financing and technologies.

For the above achievements, TUNADO appreciates both the financial and technical support from these partners; Bees for Development (BfD), Ministry of Agriculture Animal Industry and Fisheries (MAAIF), National Agricultural Advisory Services (NAADS), Private Sector Foundation Uganda (PSFU), Food and Agriculture Organization of the United Nations (FAO), Self Help Africa, Swiss Contact Uganda, ZOA, Environmental Alert, OXFAM, IGCP Trias and SNV.

**By Mable Charity**  
**Programme Manager**



**TUNADO-Board Chairman delivers Director's Annual Report during AGM**

## Why you need to conduct Market Research for your honey and other hive products

**I**t is obvious that the reason for us to make new products is to meet the needs of our customers. However, this has been a challenge to overcome given the limited knowledge on the market and whom to serve. In this article, I wish to share with you on how to approach the challenge using. Rapid Market Appraisal (RMA) which will help you take a negative situation and make it positive as outlined below;

**Rapid Market Appraisal** is a way for Micro and Small-Scale Entrepreneurs (MSEs) to collect market information to identify and develop new products or market products to new customers. It should be noted that customers are the main source of information. They help you determine the market demand for products that is, how many people are willing to buy your product and at what price? Many MSEs including those involved in honey processing and packing do not try to study their market at all. They continue making the same products as their neighbors, and everyone is competing for a smaller and smaller portion of the market. Some MSEs do not even talk to their customers, but only sell their products through middlemen. Customers can give you valuable ideas to make better products or develop new products. **Note that the happier your customers are with your products, the more they will buy from you.** RMA helps you realize just how valuable market information is. You will learn to develop new ideas, and then you will test their marketability by going out and asking customers what they think of these new products. In the end, you will have a new product to sell that has a good chance of making profits for you. For more information, please watch out for the next issue.

Compiled by  
**TUNADO**  
**Membership Desk**



# API News Pictorial



Assistant CAO Zombo District reading the API-Newsletter at the District Headquarters



ED TUNADO shake hands with CAO Nebbi



TUNADO staff carries out needs assesment for her members in Nebbi (ES-OEP)



TUNADO staff at the OKE honey collection centre in Zombo



MSP participants discuss chanlages affecting beekeeping in their region



TUNADO ED during the westnile MSP



RDC Arua addresses the participants during the West Nile MSP



LEFT: TUNADO staff visits one of the apiculture training centres at NARO Bulind Hoima



MIDDLE: One of the beekeepers in Buliisa shares with ED tunado on how a KTB Hive has worked for him



RIGHT: Daudi mugisha of Hoima shares his experience with participants during the bunyoro MSP

## Beekeeping for Human and Environmental Health

**B**elieve it NOW OR NEVER, that pollinators in this case honey bees and their service of pollination are worth more than the billions of dollars made annually in agricultural value. They have a great, immeasurable economic and ecologic value. It is extremely difficult to estimate or assign a monetary value to the pollination services in the wild. This is a result of the lack of base knowledge and information on pollinator communities and the vast numbers involved.

As humans we depend on the natural world to sustain our lives. The ecosystem provides us with many important services, including climate regulation, soil production, water purification, and pest control and crop pollination.

Pollination is well known to be key in the food industry. Practically everything is connected to pollination in some way, from the grains that are self-pollinated or wind pollinated. Pollinated seeds that produce hay crops, fruits,

vegetables, and nuts that are bee pollinated, animal products, like beef, pork and dairy, exist because of bee pollinated legumes, and last but not least, oils and fats come from oilseeds, like oil palm, coconut, peanuts, grapes, sunflower, which are bee pollinated. With this huge dependence on bees for pollination to meet our nutritional needs, it is easier to understand how these species are considered to be the backbone of our ecosystems.

Bees are considered to be keystone species in the world's ecosystems. This means that without the many pollinator bees, ecosystem as a whole would be in great trouble and probably collapse the health of the environment. Beekeeping as an economic activity, in Uganda has increased the pollinator communities and as a result, it has helped maintain balance in nature.

Since beekeeping does not need bush clearing, and that all beekeeping products are user friendly to the environment this is vital for sustaining a healthy ecosystem. Beekeeping

has not only contributed to environmental health but also boosted human health, with the beehive products such as honey, royal jelly, propolis, pollen, beeswax, and bee venom. Some of the health benefits of the hive products include; cleansing of the digestive tract and stimulating the immune system. Cure of skin irritations such as rashes, wounds, minor burns and oral wounds this is because of its ability to have several compositions such as vitamins ABD, minerals, enzymes and antioxidant activity.

The above benefits make the hive products essential for human health in poor countries like Uganda which has alarming levels of health problems resulting from poor nutrition. TUNADO encourages the populace to invest in beekeeping not only for income but for the other accrued benefits towards human and environmental health. Hence this year's Honey Week theme **"Beekeeping for Human and Environmental Health"** [https://www.google.com/Html\\_eafrica%2FApis\\_mellifera\\_\(The\\_Honey\\_Bees\)](https://www.google.com/Html_eafrica%2FApis_mellifera_(The_Honey_Bees))

**Aaron Bomujuni**  
Programme Officer -TUNADO  
BSc Environment & Natural Resource Management



# The 5<sup>th</sup> Uganda National Honey week 25<sup>th</sup> – 30<sup>th</sup> August 2014

**T**he concept of the national honey week followed a decision by the apiculture multi-stakeholders platforms (MSP-this was initiated by SNV) in 2008 and primary value chain actors demand to show case their hive products and raise awareness among the public on the importance of apiculture in Uganda's agricultural and economic development. TUNADO being the Government recognized body mandated by members and stakeholders was charged with responsibility to organize and coordinate yearly "The Uganda National Honey week" together with MAAIF under different themes. This year's national honey week event is under the **Theme: Beekeeping for Human and Environmental Health.**

The main objective of this year's National Honey Week is to sensitize the populace on the importance of beekeeping to Human and Environmental Health. Specifically, the honey week will raise awareness on:

1. Bee pollination role critical to increased yield of most nutritive crops for human health (fruits, vegetables, bananas, etc).
2. The apitherapy roles of bee products

in boosting human immunity

3. The contribution of beekeeping to climate change mitigation
4. The ecological relationship between bees and forest trees
5. To raise the profile of the family farming and small holder beekeepers' role in managing natural resources and protecting the environment

The national honey week activities will include; satellite exhibitions at selected supermarkets, health centers, learning platforms, radio talk shows, honey week donations, rally and the main exhibition event.

## EXHIBITION STALL PRICE

### Members

Single stall: of =Shs. 125,000 and Double stall: =Shs. 250,000

### Non members

Single stall: =Shs. 250,000 and Double Stall: =Shs 500,000

Do not miss honey tasting, and a training on how to make honey wine from the experts

Entrance is free for the Public. **To book your stalls/sponsorship contact us on: 0414258070 or [aaron@tunadobees.org](mailto:aaron@tunadobees.org)**



TUNADO carries out market research



Consumers tour the stalls



Judging exercise during the 4th honey week



Exhibitors show their hive products



Practical training on hive making during the exhibition

## The 5<sup>th</sup> Uganda National Honey Week

### Theme:

**Beekeeping for Human and Environmental Health**

**Date:** 25<sup>th</sup> - 30<sup>th</sup> August, 2014

**To sponsor the honey week event activities;**

### Contact:

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# Honey and Beauty

Enhance your beauty with a healthy looking face: I presume a lady is defined by the kind of attention she gives to herself. When it comes to facial appearance, many have become more darling with the outrageous new facial makeup on the market. Remember that the kind of makeup one wears says a lot about their personality and character. Before you worry about how to style your face know why it's wrinkling. The health of your face can be a major tip-off of a wide variety of health conditions. For example when a woman is stressed, her face will appear old. However, this should not worry you any more with honey in place as a natural cosmetic. Find a tip on how one can use honey to keep her face looking beautiful and younger.

## Cleansing Honey Facial Scrub

This is perfect when you want to moisturize your face, smooth away blemishes and exfoliate your skin gently and naturally.



## How to prepare it

Stir a couple pinches of ground nuts into a spoon of honey and squeeze lemon juice. G-nuts act as a natural exfoliation agent, the lemon juice naturally brightens, blemishes and promotes faster skin growth, honey leaves your face smooth, toned and moisturized.

By Babirye Sauda  
TUNADO



# KEEPING BEES FOR PROFITS:

## How The Hive Ltd is Revolutionizing Uganda's Honey Sector

According to UN COMTRADE statistics, World Honey market is worth more than US\$1.7 billion with a trade balance deficit of close to 50% of the honey global World market. Africa counts for 1% of the world global honey market, and yet it has the potential of being the world first producer.

In 2012, Uganda imported honey worth US\$ 101,000 and formal data on exported honey was US\$ 8,000. These statistics go ahead to show the huge demand in the world market that can be tapped by exploring the huge potential in all regions of Uganda and is currently almost untapped.

One of the main limitations of beekeeping in Uganda is the fact that beekeeping is still considered a passive activity for rural communities so potential investors cannot get modern equipment to transform this huge potential into a lucrative commercial activity.

### The Hive Starter Beekeeper's Kit

With the entry of The Hive Ltd into the sector, the limitation of lack of proper beekeeping equipment has been eliminated. The company which deals in beekeeping equipment and honey shops has provides a holistic approach to beekeeping, from the inputs to the market. The company has put together a set of beekeeping equipment known as The Hive Starter Beekeeper's Kit which contain 10 CAB Hives (the latest model of the Langstroth hive), a stainless steel extractor, a stainless steel smoker, two bee suits and other beekeeping equipment. By use of this kit anybody can profitably run his or her beekeeping business anywhere in Uganda.

### CAB Hive

The state of art hives made with the latest technology to ensure maximum

production of the hive products over the shortest period of time. The CAB hive, has been tried and tested in the Amazon forest of South America and has proved that it is the most suitable hive for the African bee. It has also provided astounding results in Uganda, Kenya, Burundi, Rwanda and Tanzania in the past four years.

The CAB hive has two chambers, the superior chamber and the brood chamber that enables production of clean uncontaminated honey in the superior chamber and therefore needs minimal processing. The CAB hive produces at least 10 -1 2kgs of honey on a minimum of 6 times a year. It has a life span of up to 20 years because of the high quality and well seasoned timber also making it very stable under different weather conditions.

This hive has strong and effective hive doors to lock the bees inside during relocation after colonization. Once colonization has taken place (by hanging on trees about 3 meters of the ground in the way of moving colonies) usually occurs in trees) the hives are then hang side by side on poles therefore making the method very economical in land use. Beekeeping with The Hive equipment you are assured of harvesting not only honey but also wax, pollen, royal jelly and propolis from the same hives depending on your interest.

### Market for Honey

The company has also sought to reduce marketing challenges faced by beekeepers by offering to buy all the honey coming from its equipment, thereby also ensuring that beekeepers can focus on achieving high yields of high quality, clean and unadulterated honey, a first one in Uganda's beekeeping sector.

In addition to the equipment, The

Continued on page 8 ...



# Keeping Bees For Profits

Hive Ltd also offers a hands on training to all clients in a working apiary and also provides field beekeeping project management services for community based projects, NGOs, Schools, Colleges and Agricultural farms. We have trained and we continue to

empower communities so that they can improve their honey and associated products production system. Forest and Vegetation Conservation which encourages improved population of bees and encourage forest neighbors to protect the precious insect. Our Services

include Apiaries Construction services, Migratory Beekeeping and Pollination services.

**Compiled by  
Kelvin Odoobo  
The Hive Ltd**

## THE BEE POEM THE HONEY BEE: What a Unique Creature?



The Time Performer and Pride of the Environment  
The Reliable Dose for Nutrients Recycling  
The Professional Implementer of Green Economy  
The Sustainer of Eco System Initiatives  
What a Unique Creature?

The Basis of Life on This (Earth) Motherland  
The Creature of Prosperity and Happiness  
The Animal of Diversity at All Times  
The Architect of Food Chain and Food Supplies  
What a Unique Creature?

The Beneficial Insect beyond Farm Imaginations  
The Research Messenger of Health Programs  
The Associate of Every Sector  
The Interpreter Symbol for Social Sector  
What a Unique Creature?

The Momentum Accelerator Of Off Spring Of Plants  
The Potential Carrier of Every Production  
The Institutional Model for Emerging Firms  
Generator of Foreign Relations /Cooperation  
What a Unique Creature?

The Quick Handler of Nature  
The Challenger of Poverty Plague  
The Developing Organization for the Best System  
The Overall Manager for the Farms Produce  
What a Unique Creature?

**Mukundane B Albert**  
**Cooperative Agribusiness Management Specialist**

## Eastern Regional Apiculture Update

Mbale region is one of the regions experiencing the brunt of climate change effects in form of landslides, drought, floods and pest and disease insurgency. This current situation combined this with decreasing soil fertility levels has exacerbated copying mechanisms of communities to climate change shocks. It is for this reason that Mbale CAP and its partners introduced Million tree planting project in 2010 to date as response to climate change effects.

In recent months, there has been growing interest in beekeeping by tree farmers. This has prompted Mbale CAP and its partner organizations to embark on bees and trees project in a coordinated approach. The aim is to help farmers keep bees in tree fields they have planted to diversify their source of income as they wait for long term benefits from trees.

To achieve the above Mbale CAP approached Welsh government which agreed to fund BfD to carry out baseline survey together with TUNADO and found that beekeeping has been started under auspices of different local development partners like Mbale TACC and local governments. Some beneficiaries

had been given modern bee hive but without adequate training and they lacked technical know-how to harvest honey and processing as evidenced by burning of beehives by farmers. The region has only one technical staff per district on part time basis work for beekeeping and no extension staff for beekeeping enterprise at sub-county level yet farmers need continued advice on how to keep bees in sustainable manner.

These findings led to joint development of short beekeeping training intervention together with Bees for Development Uk and district local governments of Mbale, Manafwa and Bududa to take place along current the tree planting project. The project started training community based bee trainers (CBBTs) to reduce on existing wide extension gap so that locals can receive practical based training other than relying on handout approach to enable farmers do what is exactly required of them. The Trained Community based bee trainers (CBBT) as trainer of trainees (TOTs) to train and support farmers in making beehives from locally available and cheap materials and safe harvesting gear. After the training, CBBTs are facilitated to train farmers in communities with technical backstopping by district, BfD and Mbale CAP technical staff as they gain experience.



“The project started training community based bee trainers (CBBTs) to reduce on existing wide extension gap so that locals can receive practical based training other than relying on handout approach to enable farmers do what is exactly required of them.”

Project achievements include; training of 600 farmers in apiary management and beekeeping as a business, production of quality honey using better technology, 2,000 kgs of honey has been realized from farmers from May 2013 to date. In addition 5000 thousand local beehives have been made and sited by farmers trained during the exercise

Appreciation goes to the following partners who have provided both technical and financial support towards the project success; Welsh Government, Bees for development, TUNADO , Mbale, Manafwa and Bududa district entomology/ veterinary officers and forest staff , Gumutindo, Salem Brotherhood Uganda, Share An Opportunity Uganda, Bungokho Rural Development Centre and Uganda Women Concern Ministry.

Compiled by  
WASIB ROGERS  
PROJECT MANAGER – MBALE CAP  
TREE PLANTING PROJECT

# HONEY AND HEALTH

## Why Honey?



Honey can do more than what you can expect. It might improve your health. Honey is used to treat ailments ranging from a common cold to constipation.

Research findings have it that the natural sweetener appears to be a viable treatment for surgical wounds especially those that become infected or fail to heal properly. The hydrogen peroxide in honey is useful in sterilizing infected wounds and preventing infection.

It should also be noted that honey covers the injured tissue with a thick protective barrier preventing contamination with dirt and germs. While honey's antibiotic properties help promote faster wound healing, its antifungal properties can also provide relief for many common skin conditions like ring worm, athletes

foot and so on.

Much as small amounts of honey for healthy adults is not only safe but also beneficial; it should not be given to children under the age of one. Occasionally, it can contain spores of bacteria known to cause **botulism**, a rare but potentially fatal condition especially in infants.

I therefore urge all of you who have not been taking honey at least a spoon once a day to do so and also remind you not to give it to children below the age of one.

**Botulism** means food poisoning from ingesting botulin (bacterial toxin)

Compiled by  
Sarah Mugoya.

Source: [www.benefits-of-honey.com](http://www.benefits-of-honey.com)

## API price watch

Find the institutions teaching beekeeping as a course and tuition fees per institution farm across the different regions in the country.

Region	Institution	Award	Duration	Cost / semester
South western	Tropical Beekeeping Institute	Certificate	Three months	500,000/=
Mid west	Nyabyeya Forestry Collage	Certificate	One year	650,000/=
		Diploma	Two years	802,500/=





**TUNADO**

# THE UGANDA NATIONAL APICULTURE DEVELOPMENT ORGANISATION

*A membership & apex body for coordinating apiculture sector in Uganda*

## VISION

Being a vibrant membership based apex body coordinating apiculture industry in Uganda for sustainable national development.

## MANDATE

Being a national apex body that coordinates initiatives of stakeholders in the apiculture industry.

## TUNADO Philosophy

"We believe in promoting apiculture as a business enterprise."

## Mission

To provide a national platform for stakeholders to promote and develop economically viable and environmentally sustainable apiculture industry in Uganda.

## Core values

- Accountability
- Good Governance
- Innovativeness and Voluntarism
- Non discriminatory

## Goal

Membership representation, advocacy, lobby and apiculture promotion.

## OBJECTIVES

- To bring together all people involved in the Beekeeping industry into active and gainful commercial production of honey especially for the rural poor.

- To contribute to policy formulation and implementation processes pertaining to the apiculture industry in Uganda.
- To protect the National bee colonies from diseases, infections infestations, and interferences of a harmful nature of whatever manner, so as to maintain the productive quality of the indigenous bee species.
- To conduct research and disseminate knowledge pertaining to the apiculture industry in Uganda.
- To liaise with Uganda National Bureau of Standards, Uganda National Bureau of Statistics and any other body to monitor quality, standards and statistics of bee products.
- To collaborate with any other Beekeeping related organizations and firms all over the world hence, soliciting for local, regional and international markets for hive products.

## Upcoming events

**Source of the Nile National Agricultural and Trade Show.**

**Theme:** "Take it to the Farmer: Family Farming for Agricultural Revolution in Uganda"

**Venue:** Jinja Show Ground

**Date:** 7<sup>th</sup>- 13<sup>th</sup> July 2014.

**AGRI PROFOCUS REGIONAL AGRIBUSINESS MARKETPLACE EVENT West Nile Region**

**Time:** June 19, 2014 to June 20, 2014

**Location:** Heritage Courts (Agri-Finance Workshop) and Golf course Grounds (Exhibitions)

**Eastern Region**

**Time:** July 31, 2014 all day

**Location:** Maluku Grounds, Mbale

**Livestock Conference and Exhibition**

**Date:** June 2014

**Venue:** Speke Resort Hotel - Munyoyo

**5<sup>th</sup> Honey Week event**

**Date:** 25<sup>th</sup> – 30<sup>th</sup> August 2014

**Venue:** Kati Kati - Lugogo

**4<sup>th</sup> All Africa International Honey Exposition -ApiExpo Africa**

**Date:** 6<sup>th</sup> – 11<sup>th</sup> October 2014

**Venue:** Harare, Zimbabwe

**1<sup>st</sup> Apimondia symposium for African bees and Beekeeping**

**Date:** 11<sup>th</sup> – 16<sup>th</sup> November 2014

**Venue:** Arusha, Tanzania

## Membership

**TUNADO** is a membership and national apex body mandated by the Government through the Ministry of Agriculture Animal industry and fisheries (MAAIF) to coordinate the apiculture sector in Uganda. Currently its membership is open to individuals, Institutions, Non- Government Organization, Companies and associations or other persons involved in Apiculture development in Uganda. This membership is renewed annually and is based on the following categories:-

Category	Membership fee (UGX)	Annual subscription fee (UGX)
Associations, Processors Corporate Membership	100,000/=	200,000/=
Registered Groups/CBOs	100,000/=	100,000/=
Individual Membership	100,000/=	50,000/=
Honorary Membership	FREE	FREE