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The Centre aims to bridge the gap between industry, academia, and the farming community by providing farmers, students, and agricultural stakeholders with access to knowledge, learning materials, and networking opportunities.

Catherine Riungu

A timely call by Bimal Kantaria to grow KATIC

A unique agricultural infrastructure is taking shape at the University of Nairobi—the Kantaria Agricultural Technology & Innovation Centre (KATIC). Now complete and ready to roll, the institution is sponsored by Elgon Kenya as part of its commitment to giving back to a sector it is deeply rooted in, with over 100 years history.

KATIC is designed to enhance agricultural innovation, research and development in Kenya. Located at the university’s College of Agriculture & Veterinary Sciences, Upper Kabete Campus, it will serve as a hub for technology transfer, experiential learning, and collaboration among industry players, academia and farmers. The Centre aims to accelerate innovation to boost productivity, enhance food security, create jobs, alleviate poverty, promote environmental sustainability and support inclusive economic growth.

Launched on July 25, 2023, KATIC’s ground breaking ceremony was attended by key figures, including Prime Cabinet Secretary Musalia Mudavadi, the permanent secretaries for agriculture and education; and ambassadors from France, Israel and Japan. The Centre is designed to showcase cutting-edge agricultural technologies and facilitate the commercialization of research findings, ensuring seamless access to knowledge for students, farmers and stakeholders.

KATIC’s vision aligns with the Netherlands’ “Golden Triangle”—a collaborative framework integrating government, the private sector, and educational institutions to drive agricultural innovation. This model has positioned the Netherlands as a global leader in agricultural productivity and sustainability.

Key Components of the Golden Triangle:

1. **Government Support** – The Dutch government funds agricultural research and development (R&D) through agencies like the Netherlands Organization for Scientific Research (NWO) and the Netherlands Enterprise Agency (RVO). These institutions organize R&D initiatives and provide financial incentives, including tax benefits, to support innovation.
2. **Private Sector Engagement** – Businesses and entrepreneurs invest in technology and apply research findings to develop practical agricultural solutions.
3. **Academic and Research Excellence** – Universities and research centers, such as Wageningen University, play a crucial role by conducting fundamental and applied research, making the Netherlands a global leader in food science and innovation.

Impact on Agriculture: The synergy among these three sectors has led to significant advancements in sustainable farming, high-tech urban agriculture, and food security. This collaborative approach enables continuous innovation and economic growth, securing the Netherlands’ competitive edge in the global agricultural industry.

The Golden Triangle model has gained international recognition, with experts advocating its adoption in other countries. Dr Bimal Kantaria, a leading figure in the agriculture sector underscores the importance of strong collaboration among government, industry, and academia to drive economic benefits in the agricultural sector.

A Kenyan Golden Triangle? KATIC has laid the foundation for Kenya to establish its own version of the Golden Triangle. By fostering partnerships between government agencies, private enterprises, and academic institutions, KATIC can drive agricultural transformation, positioning Kenya as a leader in agricultural innovation. With Elgon Kenya taking the lead, the challenge now is for stakeholders to collaborate and propel KATIC to global standards—just as the Netherlands has done. The opportunity is here; the time to act is now.

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Kenya Golden Triangle



The Kenya Golden Triangle coming up at the University of Nairobi, College of Agriculture and Veterinary Sciences, Upper Kabete Campus. Photos: Nelson Maina, Marketing and Communications Manager, Elgon Kenya. nelsonmaina@elgonkenya.com

Kenya to safeguard flower exports to EU amid new regulations, 2000/2024



Kephis presenting FCM Systems approach programme to rose growers in Nairobi on January 16, 2025

By CATHERINE RIUNGU

The Kenyan government has taken decisive steps to avert a potential disruption in the country's lucrative flower exports to the European Union (EU) following the enactment of new stringent phytosanitary regulations.

The EU's Regulation 2004/2024, set to take effect on April 26, 2025, introduces stricter measures to curb the spread of False Codling Moth (FCM), a pest prevalent in Sub-Saharan Africa. The regulation could significantly impact Kenya's floriculture industry, which accounted for the largest share of horticultural exports in 2024, with 102,475.80 tonnes of flowers valued at Ksh 72.1 billion.

Concerns over FCM have led to increased scrutiny of fresh cut roses, with EU authorities reporting 95 rejections and 48 interceptions of Kenyan flower consignments in 2024, affecting 2.1 million stems valued at approximately 1.05 million euros. This has raised alarms within the industry, prompting the Ministry of Agriculture and Livestock Development to adopt urgent measures to ensure full compliance with EU standards.

Kenya's strategy for compliance

Cabinet Secretary for Agriculture and Livestock Development, Mutahi Kagwe, has announced a zero-tolerance policy towards FCM, emphasizing the government's commitment to maintaining Kenya's foothold in the EU market. The country has opted to implement the Systems Approach, one of the four options permitted by the EU for managing FCM risks.

"Our compliance will be at 100%, and our produce will meet the highest quality standards, ensuring that no FCM is ever detected in our flowers again," Kagwe assured in a statement.

To achieve this, the ministry has rolled out several key interventions:

- Submission of the FCM Systems Approach Protocol to the EU, detailing Kenya's pest control measures.
- Provision of evidence proving the effectiveness of these systems in production sites.
- Approval and registration of 134 production sites, each assigned a traceability code to ensure conformity.
- Implementation of FCM management strategies in collaboration with key regulatory bodies, including KEPHIS, KALRO, PCPB, and AFA.
- Intensive training for sector stakeholders, with 475 agro attendants and over 849 personnel trained to adhere to the new regulatory framework.
- Registration of pest control products by the Pest Control Products Board (PCPB) to facilitate better pest management.

Industry impact and future prospects

Kenya's floriculture sector is a critical driver of the economy, providing some 500,000 jobs, supporting three million households and generating substantial foreign exchange earnings. With the EU being a key export market, failure to meet the new regulatory requirements could have severe economic repercussions.

Industry players have welcomed the government's proactive approach but stress the need for continuous monitoring and support to ensure seamless compliance. The Kenya Flower Council (KFC) has called for enhanced coordination between regulators and flower producers to mitigate any potential trade barriers.

As the April 2025 deadline approaches, stakeholders remain hopeful that Kenya's robust response will safeguard its position as one of the world's top exporters of fresh cut roses. With government backing and industry collaboration, the country aims to maintain its reputation for high-quality flowers while meeting the EU's stringent phytosanitary standards. □

By Catherine Riungu/ catherine@hortinews.co.ke

WRITTEN BY: LEWIS WACHIRA
FACT CHECKER: JOHN OGECHAH

As April Deadline Looms, PCPB Gives Nod for Bioline's New Viral Weapon Against FCM, Cryptogran SC

African farmers have long grappled with the devastating impact of the false codling moth (FCM), *Thaumatotibia leucotreta*, a highly destructive pest that ravages over 70 plant species.

This voracious feeder has wreaked havoc on high-value crops such as peppers, avocados, macadamia nuts and roses, severely impacting exports and causing significant economic losses.

With the European Union tightening its phytosanitary regulations, Bioline Agrosciences Africa is leading the charge in the fight against FCM. The global company, which operates Africa's largest bio-manufacturing facility, recently secured regulatory approval for **Cryptogran SC** from the Pest Control Products Board (PCPB) in Kenya. This marks a crucial step in controlling this destructive pest.

Kenya's cut flower industry, which supplies nearly 40% of the EU's roses, has faced escalating interception rates due to FCM. With 80% of Kenya's roses destined for Europe, failure to meet phytosanitary standards risks severe economic repercussions.



Why Is False Codling Moth So Hard to Beat?

The false codling moth is a formidable pest due to its biology and unique behavior:

- **Stealthy Larval Behavior:** FCM larvae burrow deep into fruit, making them inaccessible to chemical pesticides.
- **Adaptability:** The moth thrives in diverse climates, has overlapping generations, and reproduces rapidly, making infestations difficult to predict and control.
- **Global Trade Implications:** Classified as a quarantine pest by the European and Mediterranean Plant Protection Organization (EPPO), even a single larva can trigger export rejections.

The Science Behind Cryptogran SC

Cryptogran SC utilizes the *Cryptophlebia leucotreta* granulovirus (CrleGV), a natural pathogen that specifically targets FCM larvae. Once ingested, the virus infiltrates the gut cells of the larvae, replicating rapidly and causing their tissues to break down—essentially “liquefying” the pest as it multiplies.

This highly selective mode of action leaves beneficial insects, non-target organisms, and the surrounding environment unharmed, setting **Cryptogran SC** apart from chemical pesticides, despite having comparable efficacy levels. Over two decades of research and rigorous field trials underline its efficacy:

- Over 50 field trials conducted in South Africa between 2000 and 2015 demonstrated larval reductions of 30% to 92%.
- Farmers in South Africa have successfully used **Cryptogran SC** for over a decade

Cryptogran SC: A Timely Solution

The registration of **Cryptogran SC** by Kenya's Pest Control Products Board (PCPB) couldn't be more timely. As the EU ramps up inspections to scrutinize 25% of shipments and prepares for stricter regulations in April 2025, farmers need an effective tool that aligns with international residue standards.

Cryptogran SC offers unique advantages:

- **Prevents Resistance:** Its biological mechanism avoids the resistance issues associated with chemical pesticides.
- **Supports Sustainability:** It reduces the use of synthetic chemicals and aligns with integrated pest management (IPM) practices.
- **Enhances Market Access:** By ensuring minimal pesticide residues, **Cryptogran SC** helps farmers comply with stringent export requirements.

Beyond Pest Control

Cryptogran SC's benefits extend beyond controlling FCM infestations. By protecting yields and improving the quality of crops, it boosts farmers' incomes and secures Kenya's position as a leading exporter of flowers and produce. Its environmentally friendly profile also resonates with global consumers, who increasingly prioritize sustainable agricultural practices. This dual advantage—economic and ecological—makes **Cryptogran SC** a vital tool for Kenya's floriculture sector.

A Multipronged Approach

Success in combating FCM will require more than just biopesticides. Stakeholders like the Kenya Plant Health Inspectorate Service (KEPHIS) and



the Kenya Flower Council (KFC) are driving a systems approach—integrating biological, cultural, and mechanical controls to disrupt FCM's lifecycle at every stage.

Key interventions include:

- Regular greenhouse inspections and mass trapping to catch infestations early.
- Training programs to enhance farmers' scouting and pest management skills.
- Rigorous quality control at packhouses to ensure compliance with export standards.

John Ogechah, Head of Bioline Academy at Bioline Agrosciences Africa, emphasizes the urgency of adopting these measures:

"Our major export market, the EU, has clearly defined its requirement: NO FCM in consignments. Achieving this demands sober dialogue, collaboration, and innovative solutions like **Cryptogran SC** to safeguard Kenya's agricultural future."

Safeguarding Kenyan Export Markets

With only a few months before **EU Regulation 2024/2004** comes into effect, Kenyan farmers face immense pressure to comply with the prescribed measures of controlling FCM. However, with **Cryptogran SC** now in their arsenal, they have a powerful, sustainable, and effective solution to tackle FCM.

This revolutionary biopesticide promises to protect crops, secure export markets, and set a benchmark for sustainable pest management across Kenya and beyond.

Bioline Agrosciences Africa invites farmers, exporters, and agricultural stakeholders to take advantage of this revolutionary biopesticide.

Bioline Agrosciences Africa, a leading provider of biological crop protection solutions, boasts a portfolio of nearly 50 products, including 17 manufactured in-house at Africa's largest bio-manufacturing facility. With ISO 9001:2015 certification highlighting its commitment to quality, Bioline ensures rapid delivery through an extensive distribution network, reaching customers across three continents within 72 hours.

For more information on how to incorporate **Cryptogran SC** into your pest management practices, visit www.dudutech.com/products/cryptogran/ or contact Bioline's support team at: +254 704 491 120 /info@dudutech.com

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Andermatt three-in-one FCM Solution targeting more pests by combining Cryptex, Eco-BB and Thuricide

Andermatt has developed a broad range of biorational solutions which are working to contain and control FCM, within an integrated Pest Management Programme. “Andermatt is proud of its proven record to control the codling moth with MADEX, a pioneering and world leading solution for this previously challenging pest. We are confident we can be a key part of the solution to FCM in Kenya through the same approach of applying CRYPTEX in combination with our two other leading biocides, Eco-BB and Thuricide”, Michael Niland, Andermatt South-Eastern Africa told a gathering of growers in Naivasha.

“The Andermatt three-pronged approach to FCM has been well communicated to rose growers when we meet and train them”, he emphasized, giving the following descriptions:-

Cryptex is an FCM specific ingestion which can be tank mixed in weekly sprays with a maintenance rate or applied at higher rates in combination with Thuricide when higher populations are detected.

Thuricide is a broad spectrum ingestion Lepidoptera (Caterpillars) targeting the most critical caterpillars in roses such as the bollworm and the important target, FCM.

Eco-Bb is a broad spectrum contact targeting all key chewing and sucking pests in roses - FCM, thrips, mites, white flies, and mealy bugs among others. “It is great product as it can be applied weekly to take care of multiple pests in roses including the FCM giving growers several benefits as an all in one application”, said Mr Niland concluding, “by applying the above three products we not only effectively target FCM, but also, we tackle other key pests with one arsenal”. □



Through the power of the collective expertise within the Andermatt Group, we bring growers the best the world has to offer in innovative and sustainable biological solutions.’

-Dr Martin Andermatt.

The Andermatt team team kicked off 2025 in Kenya with a roadshow and a series of presentations to showcase the company’s cocktail of biological solutions for sustainable agriculture.

Sharing the combined expertise and innovation across the full Andermatt product range, growers interacted with Matt Janks, Peter Thorpe and Mike Niland, who talked about three significant tiers of a biological approach.

Of interest to rose growers is the Andermatt solution to the False Codling Moth (FCM) a significant pest of concern amongst growers, flower industry associations, regulators and policy makers as the country races against time to meet a European Union (EU) deadline of April 26th, 2005, to present a foolproof system to show the insect has been pacified.

”
Thuricide is a broad spectrum ingestion Lepidoptera (Caterpillars) targeting the most critical caterpillars in roses such as the bollworm and the important target, FCM.
 ”



TARGET FCM *using* NATURE *with* MULTIPLE BENEFITS



CRYPTEX[®] SC

Cryptophlebia leucotreta granulovirus min 2×10^{13} occlusion bodies per ml
Reg No.PCPB(CR)1969

- Baculovirus product specific to FCM
- Including Cryptex into your spray program drives FCM control
- Unique mode of action; ideal for IPM programs and as a resistance management tool

Application Rate: 330ml /ha



ECO-Bb[®] WP

Beauveria bassiana strain (R444) min. 1.0×10^8 cfu/g
Reg No.PCPB(CR) 2308

- Broad spectrum biocide
- Controls all life cycle stages of the target pest
- Control Rose key major pests such as red spider mites, thrips, mealybugs, white flies and multiple lepidopterans including FCM and Helicoverpa.

Application Rate: 600g/ha



THURICIDE[®] HP

Bacillus thuringiensis subspecies *kurstaki* strain SA-11
Reg No.PCPB(CR) 0105

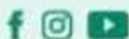
- Broad spectrum lepidopteran control including FCM and Helicoverpa
- Versatile application and excellent compatibility
- Ideal tool for resistance management and IPM program

Application Rate: 500g/ ha



Adermatt

Healthy Food and Healthy Environment, for all



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Controlling False Codling Moth (FCM) with Delegate 250 Wg

Biology of the FCM

The False Codling Moth, *Thaumatotibia leucotreta*, is a highly polyphagous pest, feeding on more than 50 plant species, mostly crops of economic importance. The pest has been spotted on export crops such as Capsicum spp, Citrus spp and Rosa spp. In the recent past the pest has become an increasingly important pest, necessitating more attention from a pest management point of view.

False Codling Moth (FCM) is a nocturnal pest with 1.25cm-2cm wings and colour variation. The eggs of FCM are laid singly or in small groups on the surface of the flower buds and the tender parts of the plants. Eggs are difficult to detect because they are flat and take same colour with the substrate. The pest has a 30-174 days lifecycle and can produce 2 to 10 generations in a year laying up to 800 eggs depending on multiple factors including temperature, food availability and quality, and humidity. Eggs hatch into larvae in 20-22 days. At maturity, the larvae exit from the fruit or flower buds and drop on the ground.

The stage likely to be detected during inspection is the larva, while in the field adult stages can be detected on traps. Larval stages are internal feeder in flower buds in the case of Roses. The larval stages are visually detected by use of a hand lens, usually done by looking out for symptomatic buds, which when opened small holes are observed in the bud where the larva has penetrated and exited the bud. Frass can also be observed protruding from the hole, larvae may migrate to the centre of the bud. The pupae then undergoes a metamorphosis to winged adults and the cycle restarts.



Pest management,

Cultural method:

- Remove all the unwanted affected plant parts.
- Keep the beds clean, free of plant debris. This would limit chances of Pupa stages hiding.
- Remove crown galls.

Biological method:

- Attract and Kill by use of pheromones
- Mating disruptors if available.

Chemical method:

Solution from Corteva Agriscience
Delegate 250 WG

DELEGATE 250 WG is the first registered FCM product on flowers in the market. The new kid on the block has a long heritage focused on offering complete solutions to the growers. The aim is to enrich the lives of producers and consumers, ensuring progress for generations to come. DELEGATE 250 WG is an insecticide belonging to the Spinosyns



Delegate™ 250 WG
Jemvelva™ active

INSECTICIDE



UNMATCHED PROTECTION

Quick knockdown activity on:

Thrips, False Codling Moth (FCM) & other Caterpillars in Ornamentals.

Active Ingredient: Jemvelva (Spinetoram) 250g/Kg

Application Rate: 150g/Ha

Corteva Agriscience™

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P.O. Box 53384 - 00200, Nairobi Kenya
Tel: + 254 709 142 000

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class and to Group 5 mode of action classification. DELEGATE 250 WG has improved potency at target site, improved residual control, improved translaminar activity and penetration through the plant cuticle, increased activity at the target site and is more stable in sunlight. It provides broad spectrum activity on key pests from Lepidoptera, Thysanoptera, Diptera and Coleoptera and other pests such as Pear Psylla and Asian Citrus Psyllid. It is also effective on whiteflies nymphs and has ovi-larvicidal activity when sprayed on eggs.

Due to its improved rain-fastness and photo-stability property with no breakdown in sunlight, the product has better weather resilience. It delivers exceptional, fast-acting activity within minutes to hours with a fast knockdown on contact toxicity. DELEGATE 250 WG is a unique product that is highly active at the target site in the pest's nervous system causing paralysis within minutes its effective through ingestion and contact making it difficult for the target pest to escape the activity of the product.

DELEGATE 250 WG with low impact on beneficial arthropods making it compatible with IPM programs. Its short environmental persistence and greater ingestion versus contact activity minimises impact on natural enemies. It has minimal impact on pollinators once the spray deposit has dried up. It is practically non-toxic to honeybees when spray has dried up. DELEGATE 250 WG is safe with minimal risk (if any) to predatory lacewings, ladybird beetles, predatory mites, and parasitic wasps.

Moreover, it is a valuable tool in resistance management, it has shown no cross resistance within existing chemistries of the IRAC groups."

With no phytotoxicity, no varietal sensitivity observed making it a suitable partner to be a mixed with most adjuvants when necessary, in addition to being compatible with commonly used Fungicides, Insecticides and Foliar Fertilizers.



The product won Presidential Green Chemistry awards in the USA, as well as AGROW award as Best New Crop Protection Product. It is also classified by EPA as a reduced risk pesticide. If properly utilised, DELEGATE 250 WG has the potential of further cementing Kenya's position as the leading flower exporter to the European markets.

To reduce the potential for resistance development we recommend alternation of DELEGATE 250WG with different Mode of Action actives recommended against control of FCM.

IFTEX 2025 June 3-5, Nairobi



Dick van Raamsdonk,
President, HPP Exhibitions

For the 15th year in a row, Kenya is yet again preparing to host the global flower trade fraternity in Kenya's capital City, Nairobi, on June 3-5. This year, the International Flower Trade Exhibition (IFTEX) turns 15, since it was first held in 2011. It's a significant milestone for the exhibition, marking over a decade and half of showcasing the best of Kenya's flower industry and connecting international flower breeders, propagators, producers, exporters, buyers and consumers through an elaborate value-chain of support products and services, all working together to present a uniquely beautiful bouquet. IFTEX attracts international participants with exhibitors and visitors from across the world, particularly from Europe, the Middle East, and other key flower-importing regions. The International Flower Trade Exhibition (IFTEX) is an annual event held in Nairobi, Kenya, primarily focusing on the flower and horticultural industries. It serves as a key trade fair for flower producers, exporters, and suppliers to showcase their products and services to international buyers and suppliers.

IFTEX began in 2011 and has been held annually ever since. The exhibition has grown to become one of the largest in East Africa, and it's considered a significant event for the global floriculture sector, according to organizer Dick van Raamsdonk, President, HPP Exhibitions.

IFTEX attracts international participants, with exhibitors and visitors from across the world, particularly from Europe, the Middle East, and other key flower-importing regions.

Catherine Riungu / Catherine@hortinews.co.ke

Kenya's Valentines Day blooming legacy

By CHARLES MURIITHI

This Valentine's Day, as millions of roses exchange hands in a timeless expression of love, there's a good chance those blooms began their journey in the sun-drenched fields of Kenya. In fact, over 50% of the roses gifted worldwide on this special day come from the lush flower farms of this East African nation. But Kenyan roses are more than just a symbol of romance—they represent a story of dedication, sustainability, and a commitment to ethical practices.

A labor of love

For the past few months, Kenyan flower farms have been working tirelessly to meet the global demand for Valentine's Day roses. From dawn to dusk, farmers, pickers, and packers have poured their hearts into ensuring that every stem is perfect. Their efforts ensure that the world is filled with beauty and love on this cherished day.

Sustainability at the core

What sets Kenyan roses apart is not just their vibrant colors and long-lasting freshness, but the care with which they are grown. Over the past decade, the Kenyan flower industry has undergone a remarkable transformation. Today, approximately 90% of flower farms adhere to stringent environmental, social, and sustainability standards. These farms prioritize water conservation, reduce chemical use, and ensure fair wages and safe working conditions for their employees.

"Having been part of this industry for over eight years, I've seen the incredible strides we've made," shares a seasoned industry professional. "Kenyan roses are not just beautiful—they are grown with integrity, care for the environment, and respect for the people who cultivate them."

A global impact

Kenya's flower industry is a cornerstone of the nation's economy, providing livelihoods for over 500,000 people directly and indirectly. The farms are a testament to how agriculture can thrive while prioritizing sustainability. By adopting eco-friendly practices, Kenyan flower farms are setting a global benchmark for ethical floriculture.

The story behind every bouquet

As you hold a bouquet of Kenyan roses this Valentine's Day, take a moment to appreciate the journey behind each bloom. From the fertile soils of Kenya's highlands to the hands of skilled workers who nurture them, these roses carry a story of resilience, innovation, and love.

"Every rose is a symbol of our dedication," says a farm worker. "We pour our hearts into growing these flowers, knowing they will bring joy to someone's special day."

A nation that blossoms with love

Kenya's flower farms are more than just producers of roses—they are ambassadors of sustainability and hope. This Valentine's Day, as you celebrate love, remember that your bouquet is a testament to a nation that blossoms with care for both people and the planet.

So, whether you're surprising a loved one or simply admiring the beauty of a single rose, know that behind every petal lies a story of passion, purpose, and a commitment to making the world a better place—one bloom at a time. □

Fairtrade Africa launches 'Blooming Flowers' Project to empower women in Kenya's flower sector



By SKITA MAKENA

Fairtrade Africa is proud to unveil a transformative initiative—"Blooming Flowers: Enhancing Women's Empowerment in the Flower Sector in Kenya"—a bold step towards fostering dignified and resilient livelihoods for workers across Fairtrade-certified flower farms in the country.

This 20-month initiative is designed to leave a lasting footprint in the communities it serves, with a focus on three transformative pillars:

- Enhancing leadership and entrepreneurship skills among flower farm workers;

- Building stronger capacities in gender mainstreaming to combat discrimination and gender-related challenges;

- Creating a supportive environment for gender-transformative practices and the empowerment of women.

With 1,800 individuals set to benefit directly and over 24,000 more impacted indirectly, the project is poised to spark a ripple effect of empowerment, equality, and positive change throughout Kenya's flower sector.

The project was launched at Florensis Kenya Limited in Naivasha, with the venue providing a vibrant backdrop for a day filled with purpose, passion, and promise. The event began with a warm welcome from Eddy Verbeek, General Manager of Florensis Kenya Ltd., followed by moving opening remarks from Kubasu Agapeters, Fairtrade Africa's Head of Region for Eastern and Central Africa, who reaffirmed the organization's unwavering commitment to transformation and social justice.

Chrispinus Oluoch, Fairtrade Africa's Programme Director, elaborated on the organization's gender-focused programming approach, highlighting the vital role women play in building sustainable change. Faith Muthoni, ECAN Operations

Manager, mapped out the vision and goals of the Bengo Project, painting a hopeful and resilient future for workers across the sector.

A highlight of the launch was the dynamic panel discussion on "Ensuring Dignity and Resilient Livelihoods in Fairtrade Flower Supply Chains." The conversation brought together influential voices including:

Florence Obonyo, Florensis Ltd

Esinah Nyarangi, Ministry of Labour Issa Wafula, Kenya Plantation and Agricultural Workers Union (KPAWU)

Susan Limisi, Gender Coordinator at Fairtrade Africa

Anne Muthoni, Gender Committee Representative at Florensis Ltd

The panel was expertly moderated by Susan Kendi of Fairtrade Africa and underscored the shared commitment to nurturing a fairer, more inclusive flower industry.

In closing, Isaac H. Tongola, Executive Director of Fairtrade Africa, delivered powerful final remarks, reinforcing the need for collaboration and perseverance. The project was officially inaugurated with an address by Mr. Patrick Kimemia, Chairperson of the Fairtrade Africa Board, followed by a symbolic ribbon-cutting and cake-cutting ceremony—marking the birth of a promising new era for flower workers.

This initiative is made possible through the generous support of our donor, the Federal Ministry for Economic Cooperation and Development (BMZ), and our implementing partner, Fairtrade Deutschland.

As the "Blooming Flowers" project unfolds, it carries with it the seeds of empowerment, resilience, and lasting change—growing not only stronger farms, but stronger futures. □

From farm to vase: Kenya's flower sector blossoms with packed at source



By CATHERINE RIUNGU

Kenya's flower industry, long known for its vibrant roses and carnations, is undergoing a quiet revolution—one that is redefining how its blooms reach the world. At the heart of this transformation is the growing adoption of the packed at source model, where flowers are sorted, arranged, and packaged directly on or near the farms before export.

Traditionally, Kenyan flowers were shipped in bulk to Europe or the UK, where they would be trimmed, assembled into bouquets, and repackaged for retail. Now, an increasing number of farms and exporters are embracing the packed at source approach, turning Kenya from a raw flower supplier into a bouquet-ready exporter.

The shift is driven by several factors. First, global retailers want speed and convenience. Supermarkets and florists across Europe are demanding ready-to-sell bouquets that reduce time, labor, and costs on their end. By packing at the source, Kenyan suppliers can deliver floral arrangements that go straight from the airport to the store shelf.

Second, the model represents a strategic move toward local value addition. By completing post-harvest processes in-country—trimming, sorting, quality control, and bouquet assembly—Kenya retains more economic value. This creates better-paying and more skilled jobs in rural areas, such as designers, cold chain technicians, and quality assurance officers.

Facilities like the Tilisi packhouse, a modern hub developed by Dutch Flower Group (DFG) in partnership with FlowerWatch, showcase what the future looks like. Located just outside Nairobi, Tilisi consolidates flowers from different farms, ensures cold chain integrity, and adheres to strict European standards. With support from logistics and quality specialists, such centers are enabling Kenyan flowers to compete globally—not just in volume but in sophistication.

Beyond the economic gains, environmental benefits are also blooming. Packed at source means fewer repacking steps, less waste, and a reduced carbon footprint. The shorter, more direct supply chain allows flowers to reach consumers fresher and with less spoilage.

Yet, the shift is not without challenges. Setting up packed-at-source operations requires significant investment in cold storage, packaging lines, and staff training. There is also pressure to comply with international standards like Global G.A.P., Fairtrade, and MPS. Meanwhile, some European packhouses view the trend as a disruption to their traditional roles in the floral supply chain.

Despite the hurdles, the momentum is growing. Industry leaders like Finlays, Oserian, Sian, Redlands Rose, Rainforest and Tambuzi are setting benchmarks, while trade bodies like the Kenya Flower Council continue to advocate for sustainable practices and local empowerment.

Looking ahead, innovations such as blockchain traceability, biodegradable packaging, and direct-to-consumer e-commerce could further cement Kenya's role as a global floral innovator.

With every bouquet packed on Kenyan soil, the industry sends a powerful message: the future of flowers isn't just about where they grow—but how they're delivered. Packed at source is not just a trend—it's a transformation. □





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CHRYSAL

Kenya avocado industry worries over new pests and diseases

Ambrosia Beetle, Sunblotch Viroid, and Persea Mites call for urgent action



Ambrosia Beetle

By CATHERINE RIUNGU

The avocado sector in Kenya is currently facing an unprecedented threat, with three major threats posing a significant risk to the industry: the Ambrosia Beetle, Avocado Sunblotch Viroid (ASBVd), and the Persea Mite. These threats have not only caused panic among farmers but have also prompted calls for urgent action from the National Horticulture Working Group, with technocrats calling for urgent action to safeguard the fast growing sector from the imminent challenges. This report delves into these issues, drawing parallels to the devastation seen in other avocado-growing regions, particularly the United States.

Outbreak of Ambrosia Beetle in the US

The Ambrosia Beetle, reported to be wreaking havoc in the US is raising the antennae in Kenya. These wood-boring insects are known for cultivating symbiotic fungi as their primary food source, and they specifically target stressed or dying trees. However, some species, such as the redbay ambrosia beetle (*Xyleborus glabratus*) and *Euwallacea fornicatus*, have been observed to attack healthy avocado trees, making them a particularly dangerous pest. These beetles spread devastating fungal pathogens like *Raffaelea lauricola*, which causes laurel wilt disease, and can cause rapid mortality in avocado trees.

In the US, the redbay ambrosia beetle is already damaging the avocado industry, spreading the disease throughout the southeastern states. More than 40 percent of avocado trees in the country have succumbed to the pest. Similarly, the polyphagous shot hole borer, part of the *Euwallacea fornicatus* complex, has targeted avocado orchards, disrupting nutrient transport and leading to tree dieback.

The threat in Kenya is real, should the pest find its way here. Although it is classified as a quarantine pest by the Kenya Plant Health Inspectorate Service, Dr Lusike Wasilwa, the Deputy Director at the Kenya Agricultural Research and Livestock Organization (KARLO) says the National Plant Protection Organization should be on high alert. The situation is exacerbated by weak cross-border inspection in neighbouring East African countries risking the entry of the pest into Kenya, a country with strong inspection and restrictions of plant materials imports. Says Apollo Owuor, Regional Coordinator, Comesa – EAC Horticulture Accelerator, “We have FAO Africa based in Addis Ababa, InterAfrican Phytosanitary Council, international organizations like CABI, national research institutions and the WTO

National Plant Protection Organizations which monitor such pests therefore border surveillance is critical to contain outbreak and spread.

Originally native to Asia, ambrosian beetles have been transported through global trade. It was first detected in the US in 2002, likely through infested wood packaging materials. It has since spread throughout the southern eastern US. The *Euwallacea fornicates* complex has also seen a global spread with detections in Israel, South Africa and parts of the US – California and Florida where the beetles have caused significant damage to avocado trees and other host plants. Farmers and the general public have been advised to report any new pest or disease in their areas for urgent action.

Avocado Sunblotch Viroid (ASBVd): A submicroscopic killer

ASBVd is a submicroscopic pathogen that has been wreaking havoc on avocado crops worldwide, and it has now emerged as a significant concern in Kenya. This viroid, which is the smallest known plant pathogen, infects avocado trees and significantly reduces fruit yield and quality. ASBVd manifests in a variety of ways, from sunken, discoloured fruit to stunted tree growth and twisted branches, leaving avocado farmers with reduced production. One of the most concerning aspects of ASBVd is that trees can remain asymptomatic carriers, silently spreading the disease through propagation materials, mechanical means, and root-to-root grafts between trees.

The transmission of ASBVd is facilitated by infected budwood, cutting tools, and even pollen from infected trees. This makes controlling its spread incredibly difficult, as even healthy-looking trees can harbor the viroid and unknowingly infect others. In response to this, farmers must ensure that their propagation materials are free from infection, adopt rigorous sanitation practices, and remove infected trees promptly to limit the spread of the disease.

Persea Mites:

A silent yet devastating threat While not as widely known as the beetle or the viroid, *Persea* Mites have been spreading rapidly in avocado orchards across Kenya. These microscopic pests target the foliage of avocado



Avocado Sunblotch Viroid

trees, causing significant damage by feeding on plant sap. The result is leaf yellowing, deformation, and reduced photosynthesis, which weakens the tree over time and compromises fruit production. Their ability to spread quickly and silently has made them a growing concern for avocado farmers, who are already struggling to deal with other threats.

The *Persea* mite's rapid spread across the country has prompted calls for increased surveillance and control measures. While mite infestations can be difficult to detect in the early stages, consistent monitoring and the application of miticides are essential to preventing damage. However, given their small size and the fact that they often go unnoticed until significant damage has occurred, managing *Persea* mites remains a challenge for Kenyan farmers.

Need for urgent action

With these three significant threats to the avocado sector, there is an urgent need for a PRA (Pest Risk Analysis) and an action plan that will address both the immediate and long-term risks to Kenya's avocado industry. KEPHIS must be on high alert and work closely with scientists, farmers, and international experts to develop an integrated pest management system that includes:

- Early detection systems using traps and surveillance.
- Strict quarantine measures to prevent the spread of pests and diseases.
- Farmer education on the symptoms and management strategies for these threats.
- Support for research into effective fungicides, miticides, and control methods for the Ambrosia beetle and *Persea* mites.
- Coordination with international bodies to monitor and control the introduction of new pests from global trade.

The avocado industry in Kenya has grown rapidly in recent years and is an important export commodity. However, the threats posed by these new pests and diseases are a stark reminder that the industry must remain vigilant and proactive. Failure to act now could lead to significant economic losses, and Kenya's avocado sector could face a crisis similar to what has been seen in other avocado-producing regions. The clock is ticking, and it is time for coordinated action to protect this valuable sector. □

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Kenya's Avocado Industry: A Rising Powerhouse in Global Exports



By MURIITHI KARIUKI

Kenya has firmly established itself as a major player in the global avocado market, recently ranking as the 5th largest exporter of avocados after Mexico, Peru, Colombia, and the Dominican Republic. This impressive feat highlights Kenya's growing influence in the horticultural sector and its potential for further expansion.

Growth and expansion in avocado farming

Over the past three to five years, Kenya has seen a significant surge in avocado farming, particularly in the North Rift and Western regions. This expansion has not only boosted the local economies but also contributed substantially to the country's overall avocado production. The concerted efforts of farmers and stakeholders have led to a remarkable increase in export volumes.

A booming export market

In 2023, Kenya exported avocados to over 152 destinations, showcasing the country's extensive reach in the global market. The volume of avocados exported saw a substantial rise, increasing by 19.6 percent from 391,507 tonnes in 2022 to an impressive 468,438 tonnes in 2023. This growth is a testament to the dedication and hard work of Kenyan farmers,

as well as the favorable climate and fertile soils that make Kenya an ideal location for avocado cultivation.

Government support and market potential

Recognizing the potential of the avocado industry, the Kenyan government has been actively supporting avocado farmers through various initiatives, including subsidy fertilizers and agricultural extension services. These incentives have made avocado farming even more attractive, providing farmers with the necessary resources to enhance their production and meet the ever-growing demand.

A fruit of the future

According to the Horticulture Crops Directorate, avocados are expected to become the second most traded major fruit by 2030, following bananas. This projection underscores the immense potential of avocados in the global market, making them a smart choice for anyone looking to invest in farming. With a ready market and ongoing government support, avocados offer a lucrative opportunity for both small-scale and large-scale farmers.

Kenya's avocado industry is on an upward trajectory, with a growing presence in the global market and increasing export volumes year after year. As avocados are poised to become a major traded fruit globally, investing in avocado farming presents a promising avenue for growth and success. For those considering venturing into agriculture, avocados offer a sustainable and profitable option with the backing of government support hand an expanding international market. □



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Firming up the potato value chain with rooted apical cuttings



Dr Moses Nyongesa



By DR MOSES NYONGESA

There is rising demand for potatoes with better yields, better processing qualities and other consumer preferred traits. This situation has created pressure upstream of the potato value chain to turn up superior varieties that meet these preferences as well as a responsive seed system to deliver adequate seed to growers in a timely and efficient manner. For a long time, the weak link in the seed chain has been the production of foundational seed that comes from the breeder and which is then used by the seed companies or enterprises for field bulking of certified seed needed by farmers.

Inadequate supply of foundational seed has been largely due to personnel, infrastructural as well as limited use of appropriate technologies for rapid seed multiplication. Adoption of rooted apical cuttings technology is likely to reverse this trend.

What are rooted apical cuttings

Rooted apical cuttings are seedlings obtained from disease-free in vitro potato plants (called mother plants) by cutting tips and rooting them

Inadequate supply of foundational seed has been largely due to personnel, infrastructural as well as limited use of appropriate technologies for rapid seed multiplication

on non-soil propagation media in a nursery until they are ready for transplanting.

What is novel about them?

The novelty of the rooted cuttings technology is hidden in the fact that potato allows itself to be propagated easily from parts of its plant, in this case the apical shoots. Once an apical shoot is removed, the potato plant generates multiple other shoots within days allowing for harvesting and rooting of more cuttings at 7 seven-day intervals. This goes on for up to three months before an individual mother plant can be retired.

Over this period, over 100 rooted apical cuttings are produced from a single mother plant. This way, a modest production facility of three workers handling batches of 3,000 mother plants a week can produce over 180,000 rooted cuttings per cycle where one cycle takes three months. One requires 18,000 to 20,000 rooted apical cuttings to plant one acre of land. Under optimal moisture conditions and good agronomy each rooted apical cutting yields 10-15 normal sized tubers.



How can rooted apical cuttings technology address the bottleneck in seed delivery in the country?

Kenya has an established vegetable and flower industry that is supported by a regulated and well-organized system for commercial production of plants for planting (seedlings). There is a lot that can be borrowed from the vegetable and flower industry to leverage the huge potential that rooted apical cuttings and the benefits to be derived from commercial application of the technology. However, this technology is adaptable to a variety of production conditions ranging from basic greenhouse/shade-houses owned by individual farmers or youth groups to complex automated greenhouses often found in capital intensive production systems for planting materials in the flower industry.

There are policy decisions which are implied and are conditional for the rollout of the technology which has already been included in the national seed strategy and seed road map.

Where can rooted apical cuttings be grown?

Several pathways for rooted apical cuttings are feasible. Rooted apical cuttings are delicate and require careful handling and optimal growing conditions in order to establish a crop.

These conditions are easily met when rooted cuttings are planted in the greenhouse or in the open field with adequate soil moisture from natural precipitation or drip irrigation. Most farmers who grow potatoes for the ware (fresh) market are familiar with seed potato in tuber form and may lack the proper skills to successfully establish a crop from rooted cuttings.

Seed potato producers on the other hand are more often inclined to provide the necessary infrastructure and skilled personnel to handle rooted apical cuttings as production inputs. Thus it is essential to target the supply of rooted apical cuttings to seed producers.

Who are involved?

The youth are averse to drudgery which is often associated with certain agricultural practices.

The rooted apical cuttings technology avails numerous opportunities for youth-led enterprises to deepen their inclusion in agriculture. Such enterprises may be producers of rooted apical cuttings or suppliers of inputs for production of rooted apical cuttings, service providers through models like the agri-preneur or village-based advisors to offer last mile extension support to users of rooted apical cuttings. As the custodian of the technology and source of breeder seed, the Kenya Agricultural and Livestock Research Organization (KALRO) Potato Research Centre is a key actor in the agenda to promote large scale adoption of the rooted apical cuttings technology. To demonstrate the potential of the rooted apical cuttings technology, KALRO, through the support of AGRA: Sustainably growing Africa's Food Systems, has rolled out it out in four Counties namely Laikipia, Meru, Nandi and Nyandarua.

Production of seed for commercial purposes is a regulated activity under the oversight of the Kenya Plant Health Inspectorate Service (KEPHIS). Large scale use of rooted apical cuttings shall require the updating of certification protocols and guidelines to support emerging businesses to contribute to increased supply of seed potato.

What can be done to mainstream them in the seed system in Kenya

There is optimism that the role of technology in unlocking the bottlenecks in the seed system has been demonstrated by the potential of the rooted apical cuttings. There is a business case to model production of rooted apical cuttings on commercial scale at least at pilot stage by an established flower company as one of the product lines. It is the agenda of the main actors in the potato sub-sector to increase the spotlight on rooted apical cuttings and increase stakeholder awareness.

DR MOSES NYONGESA, Centre Director, National Potato Research Centre-Kenya Agricultural and Livestock Research Organization (KALRO), Tigon Centre. Email: nyongesasamw@gmail.com

Spice up onion farming by Ksh 300,000 With Andermatt seed and plant treatment

By KEZIAH NDINDA

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One Acre Humic Acid Treatment for Onions Fertilizer

- Apply 5% per kg DAP/acre = 2kg Humic Acid
- Recommended Treatment: Mix 5% Humic Crystals or 2kg Humic Acid per acre with your DAP fertilizer.
- Projected Yield Increase: 20%



One Acre Onion Seed Treatment Drench/Dip Treatment (per 10L Water):

Product	Dosage
RhizoVital	5ml/L x 10L = 50ml
Eco-T	5g/L x 10L = 50g
V12 Initiate	50ml/L x 10L = 500ml
Fulvic Acid	15g/L x 10L = 75g

Plant Health: Foliar Programme (100L/ha Spray)

Week	Product	Dosage
2 (at transplant)	V12 Shoot	10ml/L, 1L/ha
4	V12 Finish	20ml/L, 2L/ha
6 & 12	V12 Multi	20ml/L, 2L/ha
9	InCa	2ml/L, 1L/ha
Flowering	V12 Fruit	250ml/ha
Grain/Fruit Set	KSO ₄ + Fulvic Acid	8g/L + 1.5g



ROI – Cost Benefit Analysis

Item	Value
Total Cost of Andermatt Programme	KSh 10,000
Standard Onion Yield (Per Acre)	25 tons @ KSh 60/kg = KSh 1,500,000
Andermatt Programme Yield Increase (20%)	+5 tons @ KSh 60/kg
Additional Earnings	KSh 300,000

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- Improves cell strength resulting in improved crop quality
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V¹²Initiate[®]

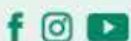
- Nutrition for germination and early growth phases
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Crop rotation: The key to healthy soil and sustainable farming

Crop rotation, the practice of growing different crops in a particular field each season, is a fundamental strategy in organic farming. This time-tested method is crucial for preventing soil depletion, managing pests and diseases, reducing weed pressure, and improving overall soil health.

Why is crop rotation important?

1. Enhances soil health

Continuous monocropping (growing the same crop repeatedly) can exhaust specific soil nutrients, leading to poor yields over time. Crop rotation naturally replenishes nutrients by alternating plant families with different nutrient demands.

2. Reduces pests & diseases

Many pests and diseases thrive when the same crop is planted year after year. By rotating crops, their life cycles are disrupted, significantly reducing infestations without relying on chemical pesticides.

3. Improves soil structure & moisture retention

Different crops have varying root structures—some deep, some shallow. These roots help aerate the soil, improve moisture absorption, and prevent erosion.

4. Supports biodiversity & reduces weeds

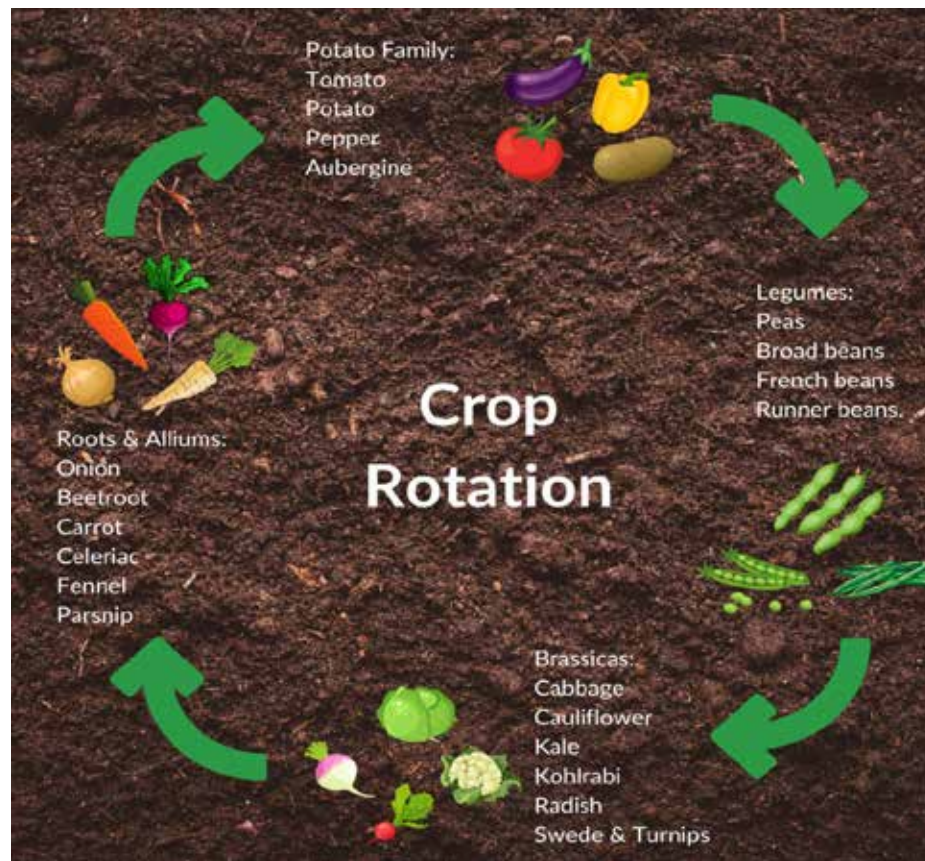
Crop diversity increases soil biomass, fostering beneficial microbial activity. Certain crops can even suppress weeds naturally, reducing the need for herbicides.

What's the best crop rotation plan?

A structured rotation ensures maximum benefits. Here's a traditional three-year crop rotation plan that balances soil health and productivity:

Year one:

- Section one: Potatoes
- Section two: Legumes, onions, and root crops
- Section three: Brassicas (e.g., cabbage, broccoli, kale)



” The awards, designed to promote best practices that minimize environmental impact, were divided into three main categories; Environmental Impact, Social Impact, and Good Agricultural Practices, ”

Year two:

- Section one: Legumes, onions, and root crops
- Section two: Brassicas

Year three:

- Section one: Brassicas
- Section two: Potatoes

This rotation cycle ensures that each crop family benefits from the nutrient balance left by the previous crops, minimizes pest infestations, and promotes long-term soil fertility.

Final thoughts

Crop rotation is a simple yet powerful tool for regenerative agriculture. By integrating this practice into farming systems, growers can reduce dependency on synthetic fertilizers, improve soil resilience, and ensure sustainable food production for future generations. □



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Mbegu Farm	Roses	Mr. David Mousley	+254722 833 122	mbegufarm@iconnect.co.ke
Nini Farm	Roses	Billy	254 723 786 003	billyc@ninilt.com
Shalimar Flowers (K) Ltd	Roses	Export Manager	0722 811832	info@eaga.co.ke
Stockman Rozen	Roses	Mrs. Sarah Tham	0720 603990	info@srk.co.ke
Twiga Roses	Roses	Mr.Pius Kimani	0721 747623	pius.kimani@gmail.com
Panda Flowers	Roses	Charkara	+254786 143515	chakra@pandaflowers.co.ke
Finlay's Flamingo	Roses and Fillers	Mr.Peter Mwangi	+254 722204505	peter.mwangi@flamingo.net
Colour Crops	Summer Flowers			
Esmeralda Breeding	Summer Flowers	Mr.Loui Hooyman	31-297-385444	info@esmeraldabreeding.com
Multgrow Investments	Summer Flowers	Mr.Peter Murimi Mbugua	+254-724-977259	peter_murimi@yahoo.com
Kentalya	Cut Flowers	Mrs.Lynette	+254733 549773	lynette@kentalya.com

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Caly Flora Ltd.	Cut Flowers	Mrs.Catherine Gichungu	254 725456930	info@calyflora.co.ke
Everest Enterprises Ltd.	Cut Flowers	Mr.John Karuga	254-722-720876	jkaruga@everest.co.ke
Flora Delight	Cut Flowers	Mr.Marco Van Sandjik	254-722-384188	info@floradelightkenya.com
Particle Blooms Co. Ltd.	Cut Flowers	Mr.Caleb Amunga	254-704-040101	info@particleblooms.com
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Redhill Flowers	Cut Flowers	Mr.Isaac Bwire Ombunda	+254-702-34404	redhillflowers@yahoo.com
Rose Bunk International	Cut Flowers	Mr.Nahashon Macharia	+254-773-754140	nahashon@rosebunkintl.com
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The Flower Hub	Cut Flowers	Mr.Stephen Swainston	+254-722-509970	info@theflowerhub.com
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Zaina Blooms	Cut Flowers	Mr.Michire Mugo	+254-736-080070	zainablooms@gmail.com
Credible Blooms	Roses	Mr.Francis	020 2102019	info@credibleblooms.co.ke
Flamingo Flora	Roses	Mr.Sam	+254-721993857	s.ivor@flamingoflora.co.ke
Karen Roses	Roses	Mrs.Juliana Rono	+254-722-717187	sales@karenroses.com
Kreative Roses Ltd.	Roses	Mr.Bas Smit	+254 733501640	info@kreative-roses.com
Lakshmi Group Ltd.	Roses	Mr. Serghei	+254 714551969	serghei.lakshmigroup@gmail.com
Magana Flowers	Roses	Mrs Ann Gitari	+254-20-2017651	marketing@maganafowers.com
Magnate Flowers	Roses	Mrs.Gladys Muthoka	+254-722-777051	magnateflowers@gmail.com
Mzurrie Flowers	Roses	Mrs.Irene Njeru	+254-722-203630	irene@winchester.co.ke
Shallimar Flowers Ltd	Roses	Mrs.Elizabeth Wahogo	+254-738-391832	elizabethw@eaga.co.ke

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ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
Mount Kenya Alstroemeria	Nanyuki	Cut Flowers	Mr.Edwin Van Der Veen	+254-718-240581	info@mountkenyaalstroemerialtd.com
Bondet	Nanyuki	Erygium	Richard Fernandes		
Kariki Limited	Nanyuki	Hypericum		+254722 50 99 19	info@kariki.biz
Live Wire Ltd	Nanyuki	Hypericum & Lilies	Mr.Esau Onyango	+254728 606872	info@livewire.co.ke
Finlays Sirimon	Timau	Lilies	Ms.Purity Thigira	+254733606411	puritythigira@finlays.net
Batian Fowers	Timau	Roses	Mr.G.Muriungi/Dirk Looj	+254720 102237	dirk@batianflowers.com
Bloomingdale Roses	Timau	Roses	Mr.Sunil Chaudhari	+254732 373322	sunil@bloomingdaleroses.com
Bogmack Farm	Timau	Roses	Mr.Anderson	+254722 350020	kathendusn@yahoo.com
Equinox	Timau	Roses	Mr. Rod Jones	+254 722 204271	rod.jones@equinoxflowers.com
Fides Kenya Ltd	Embu	Roses	Mr.Francis Mwangi	+254-06830776	info@fideskenya.com
Lobelia Farm	Timau	Roses	Mr.,Peter Viljoen	+254-06241060	
Lolomarik	Nanyuki	Roses	Mr. Topper Murry	+254715 727991	topper@lolomarik.com
Protea Farm	Timau	Roses	Mr.Philip		info@lobelia.co.ke
Sunland Roses	Timau	Roses	Mr.Peter Viljoen	+254-7020 95696	sales@sunlandroses.com
Tambuzi	Nanyuki	Roses		+254 -722 716158	tambuzi.sales@tambuzi.co.ke

Timaflo Ltd.	Timau	Roses		info@timaflo.nl
Timau Flair	Timau	Roses	Mr.Philip Ayiecha	+254-723383736
Uhuru Flowers	Timau	Roses	Mr. Ivan Freeman	+254722863252
Vegpro-K Ltd	Timau	Roses	Mr.Vivek Sharma	vivek@vegpro_group.com
Kisima	Timau	Roses & Lilies	Mr.Martin Dyer	+254- 0722509830

NAKURU: Altitude 6070ft : Altitude 6070ft

ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
Bliss Flora Ltd.	Nakuru	Cut Flowers.	Mr.Shivaji Wagh	+254-720-895911	shivaniiket@yahoo.com
Carzan	Rongai.	Cut Flowers.	Francis	+254-0720 890920	info@carzankenya.com
Kudenga Flowers	Mau Summit	Cut Flowers.	Mr.Joseph Juma	+254-0725 643942	kudenga.fm@kariki.biz
Molo Greens Ltd	Molo North	Cut Flowers.	Mr.Justus Metho	+254-722-755396	info@mologreens.com
Molo River Roses	Muserechi	Cut Flowers.	Mr.Alice Mureithi	+254-0724 256592	andrewwambua@yahoo.com
Roseto Limited	Rongai	Cut Flowers.	Mr.Yogheesh		farm.florenza@megaspingroup.com
Kariki Limited	Molo	Hypericum		+254 722 50 99 19	info@kariki.biz
Amor	Nakuru	Roses	Mr.Ketan Jerath	+254-738-119774	flowers@xflora.net
Baraka Farm	Nakuru	Roses	Lucy	+254-0720 554106	lucy@barakaroses.com
Buds&Blooms-Bliss Flora	Nakuru	Roses	Mr.Shivaji	+254-0720 895911	shivaniiket@yahoo.com
Elbur Flora	Elburgon	Roses	Peter Kairu	+254-51343473	eflora@africaonline.co.ke
Fontana Ayana	Nakuru	Roses	Mr.Gideon Maina	+254-0721178974	gideon@fontana.co.ke
Fontana-Akina	Nakuru	Roses	Mr.Girish Appana	+254 722728441	girish@fontana.co.ke
Kimman Roses Ltd.	Elburgon	Roses	Mr.Daniel Moge Maina	+254-721-734104	kimmanexp@gmail.com
Mau Flora	Nakuru	Roses	Mahesh	+254-0787 765684	mahesh@maufloora.co.ke
Milmet	Nakuru	Roses	Pravin		pravinyadav.29@gmail.com
Omang-Africa	Nakuru	Roses	Mr.Inder Nain	+254 733724029	flowers@xflora.net
Porini	Nakuru	Roses	Mr.Pitambar Ghahre	+254-0726 774955	porini@insinyaroses.com
Pp Flora	Nakuru	Roses	Prakash	+254-0718 045200	info@fantasy-flora.com
Preesman Kenya	Nakuru	Roses	Michael Kikwai	+254-0720574011	kikwai1980@yahoo.com
Ravine Roses	Nakuru	Roses	Mr.Peter Kamuren	+254-0722 205657	pkamuren@karenroses.com
Redwings	Kabarak	Roses	Mr.Sayer Simon	+254-0722 578684	sayer@redwingltd.co.ke
Subati Flowers	Subukia	Roses	Mrs. Jennifer Sassi	+254 742 144493	jennifer@subatigroup.com
Vankleef	Nakuru	Roses	Judith Zuurbier	+254-0722 364943	judith@vankleef.nl
Xpression Flora Ltd.	Njoro	Roses	Mr.Mangesh	+254-0720 519397	info@xflora.net
Sian Agriflora(Sian Roses)	Nakuru	Roses/Lilies	Mr.Jos Van Der Venne	+254 722203630	info@sianroses.co.ke
Jatflora	Gilgil	Summer Flowers	James Oketch	+254 724418541	jatflora@gmail.com
Morop	Bahati	Summer Flowers	Wesley Tonui	+254-0720 983945	XX
Flora Ola	Solai		Mr.Wafula	+254-0708 382972	floraolaltd@gmail.com

THIKA -JUJA-KIAMBU: Altitude 5649 ft

ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
Zena Roses	Thika	Carnations,Roses	Mr.Rakesh	+254-724-631-299	info@zenaroses.com
Selecta Kenya/Kpp	Juja	Cut Flowers	Mr.Wilson Kipketer	020 352557	w.keter@selectakpp.com
Pollen Sygenta Ltd.	Ruiru	Cuttings	Mr Daniel Kisavi	+254-733-603-530	Daniel.kisavi@sygenta.com
Munyu Growers	Thika	Flowers	Mr.Muthom Ngaru	+254-721-956-307	munyugrowers@gmail.com
Riverdale Blooms Ltd	Thika	Flowers	Mr.Antony Mutugi	020 2095901	rdale@swiftkenya.com
Kariki Limited	Thika	Hypericum		+254 722 50 99 19	info@kariki.biz
Transebel Ltd	Thika	Roses	Brian Wahome	+254 722 255322	brianwahome@transebel.co.ke
Enkasiti Flowers	Thika	Roses	Mr.Thambe	+254 724722039	enkasiti@gmail.com
Gatoka Farm	Thika	Roses	Christopher Gacheru	+254 733 619505	chris@gatokaflowers.com
Penta Flowers Ltd.	Thika	Roses	Mr. Tom Ochieng	+254 733625297	tom@pentaflowers.co.ke
Simbi Roses Ltd.	Thika	Roses	Ms.Pauline Nyachae	+254204448230	Pauline@sansora.co.ke
Windsor Ltd	Thika	Roses	Mr.Pardeep	+254-0674208	farm@windsor-flowers.com
Ever Flora Ltd.	Juja	Roses	Mr.Khilan Patel	0675854406	everflora@dmbgroup.com
Kenflora	Kiambu	Roses	Mr.Aleem Abdul	+254-722311468	info@kenflora.com
Valentine Kibubuti	Kiambu	Roses	Mrs. Suzan Maina	0203542466	info@valentineflowers.com
Red Lands Roses Ltd.	Ruiru	Roses	Mrs.Isabelle Spindler	+254-733-600504	gm@redlandsroses.co.ke
Branan Flowers Ltd.	Thika	Roses	Mr.Brian Wahome		

ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
Carnation Plants Ltd	Athi River	Carnations	Mr.E.Fieldman	+254-2045162	evi@exoticfields.com
Waridi Ltd	Athi River	Roses	Mr.Pd Kadlag	+254-724407889	kadlag@waridifarm.com
Harvest Flowers	Athiriver	Roses	Monicah	+254 722294963	salesadmin@harvestflowers.com
Shade Horticulture	Isinya	Cut Flowers	Mr.Ashutosh Mishra	+254-0722 792018	
Desire Flora K.Ltd.	Isinya	Roses	Mr.Rajaat Chaohan	+254 0724264653	rajatchaohan@hotmail.com
Isinya Roses	Isinya	Roses		+254 728 689 000	info@isinyaroses.com
Maua Agritech	Isinya	Roses	Mr.Kori	+254-722206318	gm@mauaagritech.com
P.J. Dave	Isinya	Cut Roses	Mr.Ananth Kumar	+254-729-405450	marketing@pjdave.com
Maasai Flowers	Kitengela	Roses		+254 714 065 245	
Charm Flowers	Kitengela	Roses	Sales Manager	+254 733 753149	admin@charmflowers.com
Maua Agri Tech Ltd	Kitengela	Cut Flowers		254 0722206318	kori@mauaagritech.com
Rose Plant	Kitengela	Roses	Mr.Atenus		
Sian Maasai Flowers	Kitengela	Roses	Mr.Andrew Tubei	254-722728364	atubei@sianroses.co.ke
Sian Roses	Kitengela	Roses	Mr.Jos Van Der Venne	254-0202170540	info@sianroses.co.ke
Afriscan Kenya Ltd.	Kiserian	Cut Flowers	Mr.Charles Mwangi	254-722-711925	charles.mwangi@afriscan.co.ke
Kordes Roses East Africa Ltd	Masai West Rd	Roses	Mr.Christian Meuschke	254-0733 363642	info@kordesroses-ea.com
Ngong Roses	Ngong	Roses	Mr. Charles Maina	020 2700660	ngongroses@capstoneonline.co.ke

LIMURU-RUMURUTI-OLKALAU: Altitude 6024-7802 ft

ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
Tropiflora	Limuru	Carnations	Mr. Krasensky	254 0724646810	
Leekem Holdings Ltd	Nyandarua	Cut Flowers	Mrs.Margaret Muthoni	254-0720 267004	leekement@gmail.com
Tegmak Bloom	Nyandarua	Cut Flowers	Mr.Edward Kaguchu	254-722-292242	tegmakbloomsLtd@gmail.com
Highlands Plants	Olkalau	Cut Flowers	Mr. Leonard Kanari	254-0721345829	sales@highlandplants.co.ke
Aaa Roses	Rumuruti	Cut Flowers	Ms.Jennifer Sassi	254-20-4453970	sales@aaagrowers.co.ke
Terrasol	Limuru	Cuttings		254-0722 455996	
Black Petals Ltd.	Limuru	Roses	Mr.Nizra Junder	254-0722848560	nj@blackpetals.co.ke
Elbur Flora	Elburgon	Roses	Peter Kairu	254-51343473	eflora@africaonline.co.ke
Kimman Roses Ltd.	Elburgon	Roses	Mr.Daniel Moge Maina	254-721-734104	kimmanexp@gmail.com
Suera Flowers Limited	Nyahururu	Roses	Mrs.Peris Wambui Mureithi	254-724-082797	perismureithi@yahoo.com
New Hollands Flowers	Olkalau	Roses	Mr. Francis	254-0700718570	
Golden Tulip	Olkalau	Roses	Umesh	254-0739729658	
Mahee Flowers Ltd	Olkalau	Roses	Vijay Kumar	254-020822025	info@eaga.co.ke
Africa Blooms	Rumuruti	Roses	Samir Chandokrkar	254-0735-384552	
Primarosa Flowers	Nyahururu	Roses	Mr.Vishal Metha	254-734-88223	mvishal@primarosaflores.com
Flora Delight	Limuru	Summer Flowers	Mr.Hosea Andanyi	254-0724373532	hosndai@yahoo.com
Kemaks Blooms Limited	Aberdare Ranges	Summer Flowers	Mr.Peter Gakuna	254-792-705160	kemaksblooms@gmail.com
Hatabor Rainbow Blooms	Limuru	Cut Flowers	Mr.John Ndungu	254-07213850959	

KERICHO-ELDOROT-KITALE: Altitude 6060-6995 ft

ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
Maji Mazuri	Eldoret	Roses		+254 722 203631	info@mzurrieflowers.co.ke
Zena-Asai	Eldoret	Roses		+254 722 935 798	info@zenaroses.com
Zena-Sosiani	Eldoret	Roses		+254 722 935 798	sales@zenaroses.co.ke
Equator Flowers	Eldoret	Roses	Mr.Charles	254-0721 311 279	cmutemba@sianroses.co.ke
Sirgoek Flowers	Eldoret	Cut Flowers	Mr.Andrew Kosgey	254-0725 946429	sirgoek@africaonline.co.ke
Finlay Chemirel	Kericho	Roses	Mr.Aggrey Simiyu	254- 0722601639	aggrey.simiyu@finlays.co.ke
Finlay Lemotit	Kericho	Cut Flowers	Mr. Richard Siele	254-0721 486313	richard.siele@finlays.co.ke
Mount Elgon Orchards Ltd	Kitale	Roses	Bob Andersen	254 0735330592	info@mtelgon.com
Panocal International Ltd.	Kitale				

GROWERS IN UGANDA

NAME	PRODUCT	LOCATION	CONTACT PERSON	PHONE	EMAIL
Rosebud	Roses	Wakiso	Ravi Kumar	0752 711781	ravi.kumar@rosebudlimited.com

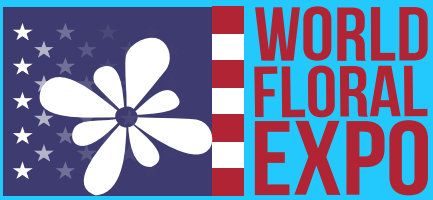
Maiye Estate	Roses	Kikwenda Wakiso	Premal		premal@maiye.co.ug
Jambo Flowers	Roses	Nakawuka Sisia Wakiso	Patrick Mutoro	(254)726549791	pmutoro80@yahoo.co.uk
Pearl Flowers	Roses	Ntemagalo Wakiso	Raghibir Sandhu	0772 725567	pearl@utlonline.co.ug
Aurum Flowers	Roses	Bulega-Katabi Wakiso	Kunal Lodhia Shiva	0751 733 578	kunal@ucil.biz
Eruma Roses	Roses	Mukono	Kazibwe Lawrence	0776 049987	kazibwe@erumaroses.com
Uga Rose	Roses	Katabi Wakiso	Grace Mugisha	0772 452425	ugarose@infocom.co.ug
Kajjansi	Roses	Kitende Wakiso	K.K Rai	0752 722128	kkrai@kajjansi-roses.com
Uganda Hortech	Roses	Lugazi Mukono	Hedge	0703 666301	mdhedge@mehtagroup.com
Fiduga	Chrysanthemums	Kiringente, Mpingi	Jacques Schrier	0772 762555	j.scherier@fiduga.com
Royal Van Zanten	Chrysanthemums	Namaiba Mukono	Jabber Abdul	0759 330350	j.abdul@royalvanzanten.com
Wagagai	Impatiens-Poinstia	Iwaka Bufulu Wakiso	Olav Boender	0712 727377	olav@wagagai.com
Xclusive Cuttings	Chrysanthemums				

GROWERS IN ETHIOPIA

NAME	PRODUCT	LOCATION	CONTACT PERSON	PHONE	EMAIL
Linssenn Flowers	Roses	Holeta	Peter Benders	0757 777700	pbenders@xclusiveuganda.com
Hansa flowers	Roses	Holeta	Peter Linsen	01133205668	elinsenroset@ethionet.et
Alliance Flowers	Roses	Holeta	XX	+251-912507815 I	nfo@hansflowers.com
Ethio Dream Rishi	Roses	Holeta	M.s Navale.	0116184341	navale@nehainternational.com
Holeta Roses	Roses	Holeta	Hadida mohammed.	011 23 72335	holeta@jittuhorticulture.com
Supra Flowers	Roses	Holeta.	Kaka shinde.	0116184341	navele@nehainternational.com
Agriflora	Roses	Holeta	M.Askokan	0911 353187	kakashind@rediffmail.com
Ethio-Agricert	Roses	Holeta	Alazar.	0922 397760	flowers@ethionet.et
Addis Floracom P.L.O	Roses	Holeta	Kitema Mihret	0910 922 312	alazar@yahoo.com
Enyi-Ethio	Roses	Sebata	Teshale	0912 264190	tasfaw@addissflora.com
Lafto Roses	Rosees	Sebata.	Mr Gerald	0911 464629	enyi@ethionet.et
Eden Roses	Roses	Sebata.		0115541485,0911202217.	laftoroses@ethionet.et
Ethio-Passion	Roses	Sebata		0116461443,0111572130	ethiopassion @ethiopassion.com
Golden Rose	Roses	Sebata	Sunil	011561572	gomba@ethionet.et
E.T Highlands	Roses	Sebata	Tim Harrap.	0114669971.	bnf2etf@ethionet.et
Sharon Flowers	Roses	Sebata		0911 502147	saronfarm@ethionet.et
Selam Flowers	Roses	Sebata	Mr. Panda Rajan.	0112130595	
Joy Tech	Roses	Debra Zyeit		0911749181	
Dugda Froliculture	Roses	Debra Zyeit	Sayalfe Adane	0911210128	general@dugdaflora.com.et
Minaye Flowers	Roses	Debra Zyeit	Eyob Kabebe	0911 504893	minayefarm@ethionet.et
Bukito Flowers	Roses	Debra Zyeit	Anteneh Tesfaye	011-9728667/8/9	
Olij Flowers	Roses	Debra Zyeit	XX.	0911 615571	Info@olijethiopia.com
Yassin Flowers	Roses	Debra Zyeit	Tesfaye Gidisia	0911 507229	kamevision@yahoo.com
Z.K Flowers	Roses	Debra Zyeit	Mr.Zelalem	0911 897856	kflowers@ethionet.et
Friendship Flowers	Roses	Debra Zyeit	Edwin	0116610798.	friendship.flowers@yahoo.com
Evergreen Farm	Roses	Debra Zyeit	Hiwot	(251) 911304967	Hiwot.Ayaneh@yahoo.com
Rainbow Colours	Roses	Debra Zyeit	Ato Makonnen	0912 125065	rainfarm@ethionet.et
Sher	Roses	Ziway.	XX	0116461105.	Info@sherethiopia.com
Braam Farm	Roses	Ziway	Ben Braam	0464413602	contact@braamroses.com
Sher Koka Farm	Roses	Ziway	Alemitu Biru	0920 746270	
Ziway Roses	Roses	Ziway	Ermiyas Solomon	0912 097824	ermiasziwayroses@yahoo.com
Herbug	Roses	Ziway	Hubb	0921 094373	hubb@herbugroses.com
Aq	Roses	Ziway	Wim	0114414279	wimjr@aqroses.com
Margin Par	Hypericum	Ziway	Hayo Hamster	0464414277	marginpar@ethionet.et
Tal Flowers	Gypsophila	Ziway		251 911505845	tal@ethionet.et
Ewf Flowers	Hydragium	Ziway	Mr. Edwin	0116517394.	production-manager@ewf-flowers.com
Red Fox	Pelargoniums	Ziway		0911508860	g.symondson@ethionet.et
Abssinia Flowers	Hypericum	Ziway	Sendafa	0115514966	abssiniaflowers@yahoo.com
Ethiopia Cuttings	Geraniums	Koka		0115540368	ethiopiacutting@ethionet.et
Florensis Ethiopia	Buding Plants	Koka	Netsanet Tadasse	0116633073.	flrensis@ethionet.et
Maranque	Crysenthemums	Merjetu	Mark Drissen	0116525556.	md@maranqueplants.com
Freesia Ethiopia	Freesia & Statice	Sebata	Ronald Vijverberg	(251) 221190750	freesia@ethionet.et
Yelcona	Hypericum	Sebata	Andreas	(251) 115156259	Andreasndieolens@hotmail.com

FRUITS, HERBS AND VEGETABLE FRUITS IN KENYA

COMPANY	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL
AAA Growers	Nairobi	Horticulture	Mr.Neville Ratemo	020-4453970-4	admin@aaagrowers.co.ke
Belt Cargo Services Export Ltd		Nairobi	French Beans	Mr.J.Muigai	020-4448821 bcs@beltcargo.com
Best Grown Produce(K)Ltd		Mr.Paul Mugai		020-4448821	bestgproduce@yahoo.com
Chirag Kenya Ltd	Nairobi	Spces & Herbs	Sales Team	254-203573000	naturesown@swiftkenya.com
Canken International Ltd	Eldoret	Chillies & Fruits	Mr.Mohamed	020-222736367	canken@cankencargo.com
Darfords Enterprises Ltd	Nairobi	Vegetables	Mr.Abdul	254-206622857	abdulkarim@darfords.co.ke
Delmote Kenya Ltd	Thika	Fruits	Sales Manager	020-672141600	nanasi@freshdelmonte.com
Pj Dave Epz Ltd	Nairobi	Dried Herbs & Roses	Import & Export Manager	020-3542012	pjdaveflowers@wananchi.com
Dominion Vegfruits Ltd	Nairobi	Fruits & Veggies	Mr.John Mairura	020-823002	vegfruits@wananchi.com
East African Growers Ltd	Nairobi	Fruits & Veggies	Mr.Peeush Mahajan	020-822034/25	peeush@eaga.co.ke george@eaga.co.ke
Equitorial Nut Processors Ltd	Nairobi	Macadamia Nuts	Sales Managers	020-2030196	gatua@equatorialnut.co.ke
Everest Enterprises Ltd	Nairobi	Fruits & Veggies	Mr.John Karuga F	020-3542009	smuhoho@everest.co.ke
Fian Green Kenya Ltd	Nairobi	Fruits & Veggies	Mr.Francis Thuita	020-826157	info@fiangreens.co.ke
Fresh and Juice Ltd	Nairobi	Fresh & Veggies	Ms.Maleka Akaberali	020-826090	maleka@freshanjuici.co.ke
Fresco Produce Ltd	Nairobi	Vegetables	Mr.Charles Mbugua	254-0722-764395	mbugua@freshproduce.co.ke
Frigoken Ltd	Nairobi	Fruits & Veggies	Mr.D.Karim	020-2391717	frigoken@africaonline.co.ke
From Eden Ltd	Nairobi	Vegetables	Mr.Zulfikar Jessa	020-8562203	roy@from-eden.com.zul@tilleygroup.com
Global Fresh Ltd	Nairobi	Vegs & Fruits	R.Chaudhry	020-82749/50	info@globalfresh.co.ke
Green Kenya Organization	Nairobi	Onions & Tomatoes	Charles Butiko	254-723119111	greenkenya28@gmail.com
GreenLands Agro Producers Ltd	Nairobi	Fruits & Vegetables	Mr.G.Murungi	020-827080/1/2	murungim@greenlands.co.ke
Highlands Cannners Ltd	Nairobi	Fruits & Vegetables	Sales Manager	020-8564048	info@highlandcanners.co.ke
Hillside Green Growers Ltd		Fruits & Vegetables	Ms.Eunice Mwongera	020-2397353	eunice@hillsidegreen.com
Homegrown Kenya Ltd	Nairobi	Flowers & Vegetables	Mr.Richard Fox	020-3873800	richard.fox@f-h.biz
Indu Farm Epz Ltd	Nairobi	Vegetables	General Manager	254-20-550215/6	info@indu-farm.com
Jakal Services Ltd	Mombasa	Fruits & Spices	Mr.Bandali	254-7412229435	jakal@ikenya.com
Jungle Macs EPZ Ltd	Thika	Fruits & Vegetables	Sales Manager	020-2451841	info@junglemacadamias.com
Jetlak Foods Ltd	Ruiru	Fruits & Vegetables	XX 254-722754181	mail@jetlak.com	
Indu Farm Epz Ltd	Nairobi	Fresh Fruit & Vegetables	Mr.Christian Bernard	020-550215/6/7	info@indu-farm.com
Kakuzi Ltd	Thika	Fruits,Nuts,Tea	Mr.Richard Collins	060-2033012	rcollins@kakuzi.co.ke
KHE (1977) Ltd	Nairobi	Fresh Fruit & Veges	Mr.Manu Dhanani	020-2517979	khe@khekenya.com
Kandia Fresh Produce Suppliers Ltd		Nairobi	Fruits & Veggies	Ms.Lucy Mundia	020-3500866 kandia@swiftkenya.com
Kenya Orchards Ltd	Nairobi	Fruits & Vegetables	Sales Manager	254-2054161	
Keitt Exporters Ltd	Nairobi	Fresh Fruit & Veggies	Asif Aman	020-822829	asif@keitt.co.ke
Mace Foods Ltd	Eldoret	Vegetables	Sales Manager	254-720391290	info@macefoods.com
Mugama Farmers	Murang'a	Vegetables	Sales Team	254-728-358211	mugamaunion@yahoo.co.uk
Makindu Growers and Packers Ltd	Nairobi	Passion Fruit	Mr.O.P.Bij Okra	020-822812/196	infoa@makindugrowers.co.ke
Meruherbs		Organic Producers	Marketing Manager	254-20-4442081	meruherbs@meruherbs.com
Muount Elgon Orchard Ltd		Kitale	Orchards	Bob Andersen	254-5431352 info@mtelgon.com
Mboga Tuu Ltd	Nairobi	Chillies & Vegetables	Mr.J.Kent	020-3877988	mtl@wananchi.com
Mixa Foods and Beverages	Kisumu	Fruits & Milk	Charles O.Odira	254-733-714584	info@mixafoods.co.ke
Mosi Ltd	Juja	Fruits	Rose Wahome	254-722204911	mwaiwahome@mosiflowers.com
Migotiyo Plantations Ltd	Nakuru	Herds & Seed	Mr. Rao	051-2214898	alphegasial@wananchi.com
Namelok Exotic (K) Ltd			Mr. Sinkeet	0724-743258	info@namelokexotic.com
Njambiflora Ltd		Vegetables	Njambi	020-822506/7	njambiflora@yahoo.co.uk
Nicola Farms Ltd	Nanyuki	Fresh Fruit & Veggies	Ms. Grace Wanjiku	020-2048874/76	marketing@nicola.co.ke
Olivado Kenya EPZ Ltd	Nairobi	Avocado	Nairobi General Managers	020-710-535303	gh@tanlay.com
Saw Africa EPZ Ltd	Thika		General Manager	254-722531106	wainana_patrick@yahoo.com
Sacco Fresh Ltd	Nairobi	French Beans	Mr.Muia	020-824687/8	info@sacco-fh.com
Shree Ganesh Ltd	Nairobi	Vegetables & Onions	Mr. Kanji Kalyan Patel	020-80243645	meleka@freshanjuici.co.ke
Sian Agiflora Kenya Limited	Nairobi	Calla Lillies	Ms. Angelina Mangat	020-822220	rano@sianexports.com
Syngenta EA Ltd	Nairobi	Seeds	Sales Manager	254-203222800	synjenta.east_africa@synjenta.com
Sunripe (1976) Ltd	Nairobi	Fresh Fruit & Veggies	Mr. Hasit Shah	020-822518/822879	info@sunripe.co.ke
Value Pak Foods Ltd	Nairobi	Fruits & Vegetables	Mrs. Patel	020 2695633	valuepak@wananchi.com
Valentine Growers Co Ltd	Kiambu	Vegetables	Sales Team	254-720203765	info@valentine-flowers.com
Vegpro Kenya Ltd	Nairobi	French Beans	Mr. Bharat.Patel	020-822831-4	bharat@vegpro-group.com
Wamu Investments Ltd	Nairobi	Fresh Fruit & Veggies	Mrs. Peris Muriuki	020-822441	peris@wamu-investments.com



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**TUE 9TH - THU 11TH
SEP, 2025**

**MIAMI AIRPORT & CONVENTION
CENTER (MACC)**

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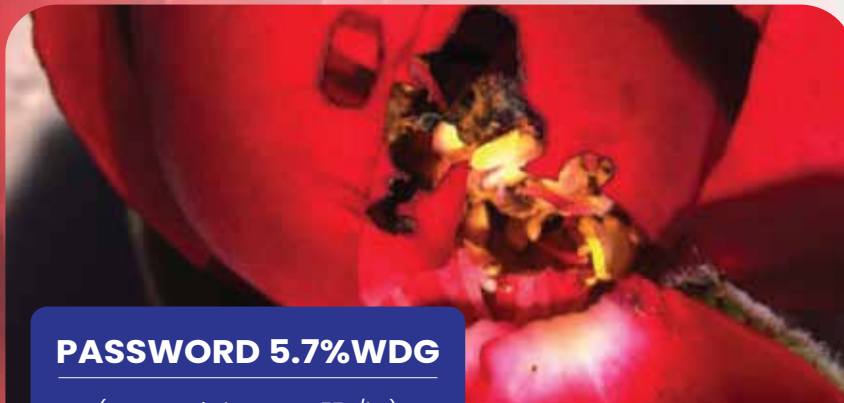
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(Emamectin benzoate 57g/kg)

NIMBECIDINE

Azadirachtin 0.03% + Neem Oil 90.57%

HALT NEO 5% WP

Bacillus thuringiensis - var kurstaki
H 3a, 3b, 3c : 5% (32,000 IU/mg)



AVAILABLE IN:
10g, 50g, 250g, & 1KG PACKS

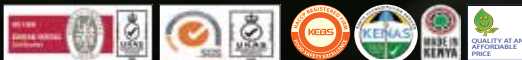
Contact and stomach action insecticide that targets the Larvae stage by causing paralysis and muscle contraction.

AVAILABLE IN:
100ml, 500ml, 1L & 5L PACKS

Plant Extract targeting adults via repellent effect and also the Larvae stage as an antifeedant and an insect growth regulator.

AVAILABLE IN:
50g, 100g, 500g & 1KG PACKS

Bio-pesticide that targets the larvae upon ingestion after egg hatching.



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