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Ethylene Report

Ethylene Damage of Flowers Attributes to Upwards of 30% Flower Loss

Flower industry experts estimate as much as 30% of all flower loss is a direct result of ethylene damage, due to either internal or external sources of exposure. Ethylene, an internal gaseous plant hormone, profoundly influences the arowth and development of plants. It acts at trace levels throughout the life of the plant by accelerating wilting, regulating the opening of flowers, and the abscission (or shedding) of leaves and flower petals. Ethylene is produced from essentially all parts of higher plants, including leaves, stems, roots, flowers, fruits, tubers, and seedlings. Its production can also be induced by a variety of external aspects such as mechanical bruising or environmental stresses, Flooding, drought, chilling, wounding, and pathogen attack can induce ethylene formation in the plant. Ethylene produced from external sources such as other flowers. banana-ripening rooms in supermarket distribution warehouses, propane heaters, forklift fumes, bacteria, and even cigarette smoke also can have devastating effects on flowers when exposed.

Cut flower plant responses to ethylene:

- Stimulates leaf and flower biological aging, called "senescence"
- Inhibits stem and shoot growth
- Induces leaf, bud and flower shedding, commonly known as "abscission"
- Stimulates epinasty where the leaf petiole grows out, leaf hangs down and curls into itself
- Induces a rise in respiration in some flowers which causes a release of additional ethylene. This can be the one bad flower in a flower box spoiling the rest phenomenon, affecting the neighboring flowers
- Affects geotropism, the turning or growth movement of the flower stem in response to gravity
- Inhibits stomatal, or pore, closing found in the leaf and stem epidermis that is used for gas exchange, stimulating flower aging



Rose - Flower Aging Untreated for Ethylene



Rose - Treated for Ethylene



Orchid - Flower Drop Untreated for Ethylene



Carnation - Inward Rolling of Petals Untreated for Ethylene



Orchid - Treated for Ethylene



Carnation - Treated for Ethylene

Ethylene will shorten the shelf life of cut flowers and potted plants by accelerating floral senescence and abscission. Flowers and plants that are subjected to stress during shipping, handling, or storage produce ethylene causing a



Ethylene Report

significant reduction in floral display. Some examples of flower types which are more affected by ethylene damage include rose, orchid, carnation, alstroemeria, stock, delphinium, phlox, and freesia.

Ethylene can cause significant economic losses for florists, markets, suppliers, and growers. Floralife has long been involved in developing ways to inhibit ethylene production in flowers to keep flowers fresher longer, through the commercialized innovation of EthylBloc[™] Technology. By inhibiting ethylene sensitivity, flowers don't respond to ethylene produced internally or from external sources, far increasing the quality, freshness, and profits of flowers overall.



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FLOWER POWER



ALL HAIL THE KING: Current marathon world record holder Eliud Kipchoge of Kenya celebrates his shattering win with flowers at the 45th BMW Berlin Marathon in September 2018

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Kenya's Blooming flower industry: Global competitiveness



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|| HORTISPOT ||

The latest delay has created jitters as industry players predict a dip in yields, slowdown in operations and high cost of production



Kenya enters high flower season with gloomy faces despite KQ direct flights

In what is shaping out to be one of the most devastating developments in the flower industry that threatens to reverse the hard won gains of the sector, shortage of essential fertilizers as a result of delays at the port of Mombasa has now reached alarming levels.

At the time of going to press, growers were reporting inability to access fertilizer, a key agricultural input, as new measures introduced by the Kenya Bureau of Standards to tame proliferation of counterfeits drag clearance at the port. This has spiraled out of control as clearance that would traditionally take days to clear now goes for two months. Fertilizer suppliers are paying a demurrage of up to KSh2 million a day as a result, cost which they are passing to the growers.

It is an occurrence coming months after the sensitive sector braved a protracted political season that slowed activity, heavy rains that took a toll on yields and an unpredictable international markets.

The latest delay has created jitters as industry players predict a dip in yields, slowdown in operations and high cost of production. This will translate to loss of jobs while making Kenyan flowers expensive in the overly competitive global market, eroding years of hardwork that has seen Kenya capture more than 60 destinations. The loss of tax and foreign earnings to government cannot be gainsaid.

The Kenya Flower Council has christened the ongoing delay as a precursor to a crisis of monumental proportions with far reaching ramifications. To reiterate the voice of many growers, while we appreciate the noble role the government is championing in ridding the country off substandard and counterfeit products, it needs to put in place innovative measures that ensure timely inspection, clearance and a seamless flow allowing growers to concentrate on the core business of flower production without any hiccups.

In other news, the much hyped direct flights to USA scheduled to commence in October have elicited excitement and anticipation in equal measure. The recent announcement by the national carrier Kenya Airways that it would introduce cargo flights in December has sparked debate on deepening trade ties between the two countries. But this enthusiasm is not shared by the flower industry. The argument is, that these flights will terminate their journey in JF Kennedy International Airport. There are no logistics in place to facilitate movement of flowers to Miami, America's flower hub. It would take up to 18 hours to truck the flowers to Miami, which makes no business sense to flower exporters.

In the words of one exporter, the direct flights are not some magical opening up of a new frontier market. Unless there are logistics already on the ground, then shipping costs will make the US market prohibitively expensive.

The US market is a lucrative one with an annual retail sale of about \$31.3 billion and has expressed an appetite for Kenyan roses as evidenced by glowing tributes in past trade shows. But Kenya is up against established giants like Columbia and Ecuador. To make any mark, the government needs to rethink the cargo flights and routes as this is the only way to get flowers to the buyers cheaply. Kenya's competitor Ethiopia seems to have read the cue and is seriously investing in requisite infrastructure and incentives including working closely with the national airlines to fly directly to Miami and introduce frequent flights. This is the direction Kenya should pursue.

It is quite unfortunate that we are entering a high flower season with such scenarios

Catherine Riungu



Koppert invests in Latia Training Centre

Latia Agribusiness Solutions is a company that supports farmers through training, mentorship and skilled labor provision



Koppert has invested in knowledge sharing at Latia Agribusiness Solutions, bringing over fifty years of experience in sustainable agriculture.

By FAITH RONO

oppert Biological Systems takes pride in being a "knowledge company". The company's strength stems from the ability to turn knowledge into practical applications that offer solutions to prevailing challenges in agriculture. Sharing this knowledge through as many avenues, and to as wide an audience as possible, is therefore a key goal. It is for this reason that the company recently invested in Latia Agribusiness Solutions (LAS).

Latia Agribusiness Solutions is a company that supports farmers through training, mentorship and skilled labor provision. Located in Isinya, Kenya, the firm offers these services through unique models that include apprenticeship programs, on-site and off-site incubation of agripreneurs, as well as short training programs targeting small-holder farmers. Latia Agribusiness Solutions aims at transforming low profit yielding agribusiness ventures into lucrative enterprises that are financially sustainable.

LAS is an off-shoot of Latia Resource Centre (LRC), a social enterprise established in 2008 to provide training and business support services to farmers, pastoralists and agribusinesses in Africa. LAS college (Latia Agripreneurship Institute) has been accredited by all relevant statutory institutions including the Technical & Vocational Education & Training Authority TVETA, and the National Industrial Training Authority NITA .

Besides Koppert, the other new investors in Latia are Agritech Solutions and Delphy. By bringing together new partners and shareholders, Latia's new and strengthened structure creates a unique platform and ecosystem of solution providers. Trainees and growers alike are now able to acquire an array of knowledge, technologies and support to enable them achieve their objectives.

Koppert brings to Latia over fifty years of knowledge and experience in

sustainable agriculture. This knowhow will now be practically demonstrated and disseminated to enable farmers improve food production, quality and sustainability. It is one extra step in the company's noble endeavor to partner with nature to make agriculture healthier, safer and more productive. Smallholder farmers play a critical role in ensuring food security but are often less equipped with new technologies and knowledge to improve productivity and enhance sustainability. SMEs on the other hand often lack skilled labour to enable them to accomplish their objectives.

The new Latia seeks to bridge these gaps. 'As Koppert Kenya, we are excited by the opportunity to be part of this venture. By spreading the message and culture of sustainable agriculture, we look forward to transforming the industry in Kenya, East Africa, and indeed, the entire African continent,' says the General Manager of Koppert Kenya, Charles Macharia.

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Kenya seeks to grow avocado export markets as South Africa lifts ban



By HORTINEWS TEAM

enya has something to smile about following the lifting of a ban on avocado exports to South Africa imposed 10 years ago over fruit flies.

Dr Isaac Macharia, General Manager, Kenya Plant Health Inspectorate Service said it's a major achievement for Kenya's pest management.

The fly, whose origin is Asia, had first been reported in Kenya in 2003, and subsequently spread to fruit production areas in Kenya.

South Africa had indicated that Kenya needed to establish pest- free areas and cold treatments to be allowed to access the markets, a proposal the country found highly prohibitive in costs.

The turnaround was made possible after South Africa agreed to change its import requirements to a 'detailed systems approach applied in the orchards/production sites and pack houses'.

But it also involved intense lobbying and trips to South Africa and a demonstration that Kenya

was working to contain the fruit fly. Inspectors from South Africa have also been visiting the county since the ban was put in place to assess the progress that Kenya had made in regard to curbing the fruit fly pest.

"Kephis, together with Kenya Agricultural Livestock Research Organisation (Kalro) have established pest-free areas to mitigate the effects of pests on horticultural produce as a measure to eliminate the insects," said Kephis managing director Esther Kimani in a statement.

The pest-free areas are Elgeyo Marakwet, Tharaka Nithi and the Coast.

But even with the opening of the market, Kenya was required to ensure that avocados are inspected at the field level by Kenya Plant Health Inspectorate Service, KEPHIS.

It is mandatory that for any farmer to receive certification, they must conduct management practices for fruit fly and codling moth through setting up traps for these pests.

It is a development that has renewed hopes \Rightarrow 43



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Inaugural Fresh Produce Africa Expo records impressive attendance

According to Dick Van Raamsdonk, the CEO of HPP, the organizers of IFTEX and FPA, Kenya has a developed horticulture industry making the country a natural choice for a continental trade show

By Bob Koigi

he inaugural edition of the Fresh Produce Africa recorded impressive attendance with visitors hailing it as a timely idea to bring buyers and sellers in one roof.

The trade fair, an offshoot of IFTEX, focusing on vegetable, fruit and herb industry in Kenya, attracted 50 growers of fresh produce across the country.

The 3 day event started off by the official opening held in the auditorium of the Oshwal Center in Westlands Nairobi. The guest of honor this year was the Principal Secretary in the Ministry of Foreign Affairs & International Trade, Dr. Chris Kiptoo. He praised all horticultural players for their contribution to Kenya's export economy.

According to Dick Van Raamsdonk, the CEO of HPP, the organizers of IFTEX and FPA, Kenya has a developed horticulture industry making the country a natural choice for a continental trade show.

"With The Fresh Produce Africa we envisioned breaking away from the tradition by bringing buyers to the producer unlike before when producers have taken produce to the buying nations, repositioning Kenya as the window shop for African producers. The June trade show brought together the best produce from Africa to Kenya for buyers to see the diversity in Nairobi. Kenya has a developed horticulture industry making the country a natural choice for a continental trade show," he said.

With a huge untapped potential lying idle, FPA sought to display to the world that Africa has unexploited massive opportunities to produce enough for the



Dick Van Raamsdonk, CEO of HPP, the organizers of IFTEX and FPA during the 2018 opening ceremony.

growing populations. Arable land, water and labour are in plenty if productivity can be planned within a seamless value chain from farm to the consumer table.

The horticulture expo, the first of its kind in the continent, will, moving forward, create one of the largest horticulture trade shows in the world, strengthening the country's position as a leader in global markets, while enhancing the image of Kenya as home from where the bulk of horticultural produce sold in Europe originate.

"It was a great experience for a company like ours that has been looking to expand markets and frontiers even as we seek to solidify the exsiting ones. The three days also allowed us to seal deals with clients from Russia. It was also a great learning and networking experience with other industry players," said Simon Andys, the CEO of Premier Seed, a company involved in the export of herbs that was part of the exhibitors.

Rose Kahagi a co founder of Naturens Beste Ltd a local company specializing in the export of avocados, sugar snaps, Okra and bullet chillies expressed excitement at what she described a unique gathering that allowed her to meet numerous prospective customers from across the world. "I have had enquiries from UK, Dubai, Ethiopia and Russia among others. Fresh Produce Africa has also given me a chance to demonstrate to these potential clients the farm to export process in person. I have traditionally been dealing with clients on phone or Skype. This one on one interaction is quite key in building and cultivating trust," she said. The Expo is now looking to grow bigger next year, reaching more exhibitors with a wide produce portolio and a diversified international clientele.

Fresh Produce Africa Expo pioneer edition in photos

















Coca-Cola Beverages points 5,000 mango farmers to ready market

In May this year, Kenya **President Uhuru Kenyatta Commissioned a Ksh 7billion HotFill fruit juice** processing plant at the **Coca-Cola Beverages Africa** in Nairobi. HortiNews Writer George Achia talked with Daryl Wilson, **Managing Director Coca-Cola Beverages Africa** - Kenya for insights into the development that impact on the country's **Big Four Agenda which** aims to create 1.3 million manufacturing jobs by 2022, expand food production and supply, and provide universal health coverage for all Kenyan homes.

What necessitated the opening of Hot-Fill juice line in Kenya?

This line has the ability to produce beverages that are preservative free and give us the same shelf life as we would expect of other products. It has also made our juices maintain the natural taste of the fruit and enabled us to deliver superior quality products in the market to our consumers

What range of fruit products will be processed at the plant?

The Hotfill line will be used to process a range of products including fruit juices – Mango, Apple, orange and tropical, but only mangoes are sourced locally. We will also process sports drinks, dairy fusions, juices with bits and iced tea on the Hotfill Line.



President Uhuru Kenyatta and deputy president William Ruto share a light moment with staff during the launch of the Sh7bn juice line at Coca-Cola Beverages Plant at Embakasi in Nairobi.

Where are the fruits sourced locally?

Our mangos are locally grown by farmers across the country, from areas including Murang'a, Meru, and Tana. The mangos are aseptically processed from the farms, and bottled under Hotfill technology at the juice line, to deliver tasty, preservative-free products to our consumers.

The Coca-Cola Company was one of the first companies in Kenya that identified a #SourceAfricaStrategy for key fruit ingredients, which is now translating into #BuyKenyaBuildKenya. In 2017, we processed 1,000MT of mangos into fruit juice that went to the Kenyan market; this is expected to grow by 20% by the year 2020. We have built capacity with our local mango processing partners to meet the highest quality requirements of The Coca-Cola Company. Through this, our partners have processed over 40,000MT over the past 9 years, which has enabled the export of mango puree to Coca-Cola factories in Uganda, Tanzania, DRC, Zimbabwe, South Africa and Mauritius

How do you contract farmers who supply the fruits?

We contract farmers through our Supplier – Sunny Processor- in Sagana.

How many farmers are you currently working with to supply the fruits?

The Hotfill line will impact over 5,000 farmers during harvest season. The key impact of this is giving our local farmers ready market for mangos once the crop is harvested. There is capacity to absorb fresh harvest from the farms during the harvest season, process them using aseptic technology and be able to store the puree for long periods of time in its fresh state. The Coca-Cola Company creates reliable demand for the perishable product, thereby enabling our supply chain partners to buy a large amount of fruit in a short period of time.

Through such partnerships, we continue to explore new innovations such as passion fruit and pineapple processing, dairy fusions etc, as we seek to offer our Kenyan consumers a new product experience.



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Capacity Africa publishes international donor and scholarships directories

The directory is intended to provide a comprehensive source of reference for development practitioners, researchers, policymakers and individuals who need donor funding for good governance programmes, sustainable development and poverty reduction

> apacity Africa has put together an International Donor Directory and a Scholarships and Academic Grants Directory. The donor directory is a resourceful tool for development organizations with over 2000, while the Academic Scholarships Directory has over 2000 scholarships on offer to students, researchers of all academic levels. The international donor directory has been prepared to facilitate international cooperation and knowledge sharing in development sector, both among civil society organizations, academic and research institutions, governments and the private sector.

The directory is intended to provide a comprehensive source of reference for development practitioners, researchers, policymakers and individuals who need donor funding for good governance programmes, sustainable development and poverty reduction, through: the financial sector and micro-finance trade and business development services, rural development and appropriate technology, private sector development and policy reforms, legislation, rule of law, community development and social protection, gender equality and participation, environment and health, research, training and education among other thematic areas.

The international donor directory has been prepared to facilitate international cooperation and knowledge sharing in development sector, both among civil society organizations, academic and research institutions, governments and the private sector. The directory is intended to provide a comprehensive source of reference for development practitioners, researchers, policymakers and individuals who need donor funding for good governance programmes, sustainable development and poverty reduction

The contribution of Kenya flower sector to the Big Four Agenda

the largest share of the horticulture earnings, the country has been classified among global leaders tapping into the sub-sector to grow its national purse and its people's welfare.

And rightly so. One in four of the roses sold globally especially on festivities like Valentine 's Day or Mother's day come from Kenya. The sector currently employs over 100, 000 people who directly work in the flower farms and culminates to over 5 million Kenyans benefiting from the sector. And it can only grow better. Exporting flowers to more than 60 destinations even as demand for the quality and ethically grown Kenyan flowers burgeons now more than Kenya, the sector is angling to expand the area under cultivation which would translate into more jobs, responding to the President's agenda four call.

After a tentative start in the 1980s the industry is now the country's thirdlargest foreign-currency earner. With an annual growth of 15 percent in value and volumes, which means its growing faster than the 10 percent growth envisaged under Vision 2030, it only means that this will be one of the sectors that will grow at double the expectations it was envisioned to 12 years from now.

The industry continues to attract investors due to a solid infrastructure, favourable climate, global-positioning of Kenya in addition to a productive workforce. It comprises large, medium and small scale producers who have attained high management standards and have invested heavily on technical skills, production, logistics and



Nelson Maina, Communication Manager Elgon Kenya Limited

marketing. The growers have vast knowledge complemented by modern technology for precision farming and prowess in marketing.

With an annual growth of 15 percent in value and volumes, which means its growing faster than the 10 percent growth envisaged under Vision 2030, it only means that this will be one of the sectors that will grow at double the expectations it was envisioned to 12 years from now.

With esteemed buyers bypassing the traditional auctions to buy directly from growers to experience firsthand how the flowers are grown through the iconic International Flower Trade Expo, Kenya has indeed positioned itself as a champion for the flower farmers who have traditionally lost fortunes through long and bureaucratic market chain. And this direct interaction between growers and buyers couldn't has been timely. For growers it is an incentive to scale cultivation in the wake of dwindling production levels at other flower growing areas.

The shift from growth of flowers by large scale flower companies to farmers is not only creating diversity for the flower market but also giving majority of Kenyan farmers a quick and alternative source of income at a time when diversity in agriculture counts and the need to coalesce our people through the transformative agenda four matters.

The depth of this importance has guided Elgon Kenya Limited in channeling its efforts and resources to boosting and lending a hand to industry players in the market.

Aware of the importance attached to the velvety sector Elgon Kenya has made game changing market decisions, entered into formidable partnerships and sunk in resources to propel the sector to

take off.

Elgon Kenya commands a huge share of all supplies and sales of inputs to flower companies countrywide driven by the mission of enhancing the entire value chain from use of right pesticides, fertilizer, irrigation and attractive packaging.

The company has also this year introduced a special category for flower farms in the National Farmers Awards. With hiccups like climate change and growing competition in the global market it matters that as a country all support including recognition goes to our flower farms. The pat on the back does not only motivate the farms, but sends a message that we take one of the most enviable sectors globally seriously at home.

nelsonmaina@elgonkenya.com



Trade Principal Secretary Dr. Chris Kiptoo meets Kenya Flower Council CEO Clement Tulezi as chairman Richard Fox looks on during IFTEX 2018.

Kenya Airways US direct flights no lift for Kenya flowers yet

Kenya's share of the US market is less than four percent due to among others high costs, long routes and tedious handling processes that eat into exporters' revenues

By BOB KOIGI and CATHERINE RIUNGU

s Kenya readies for the inaugural direct flight to US in October this year, key sectors including horticulture have been identified as major beneficiaries of this historic development. But insiders are not as enthusiastic and insist that preference for passenger flights and choice of airport do not favour them.

And while the airline has made plans to start cargo flights in December, industry players are of the opinion that this is not enough if the requisite logistics at the export destination are not put in place.

"We have been in talks with Kenya Airways to see a provision for freight services because Kenya flowers have a ready market in US due to our range of flowers grown in different altitudes that our competitors in that market like South Americans don't have," said Clement Tulezi the CEO of Kenya Flower Council during the 2018 International Flower Trade Expo, IFTEX.

Kenya's share of the US market is less than four percent due to among others high costs, long routes and tedious handling processes that eat into exporters' revenues. This market has always given the Kenyan flowers a thumbs up for quality if feedback from buyers in various expos are anything to go by. Traditionally, flowers destined for US from Kenya pass through Amsterdam or South Africa an expensive affair with cargo flights charging Sh400, about \$4, for every kilogramme for transit stopover and other attendant costs.

The dilemma for Kenya flowers is that Kenya Airways cargo flights will terminate at the John F. Kennedy International Airport in New York with experts insisting that for Kenya to reap the maximum benefits of the US market, flowers need to be flown to Miami directly, the main getaway of US flower market.

It is a distance of 1700 kilometers which means it would take two hours 50 minutes to fly from JF Kennedy Airport or 18 hours to truck the flowers



A worker at Oserian packs flowers. Kenya's share of the US market is less than four percent due to among others high costs, long routes and tedious handling processes that eat into exporters' revenue

There is no doubt that Kenyan flowers are world class in quality. But if Kenya really wants to capture the US market, it really needs to think about flying its flowers directly to Miami. Using any other route will still be as expensive as has traditionally been to Miami. "Miami is the hub of flower business in United States. Over 85 per cent of all flowers that are distributed in the US arrive through its port district. Think of it as the The Aalsmeer Flower Auction in Netherlands.

There is no doubt that Kenyan flowers are world class in quality. But if Kenya really wants to capture the US market, it really needs to think about flying its flowers directly to Miami. Using any other route will still be as expensive as has traditionally been," William Armellini the Editor and President of Flowers and Cents, a US based floriculture publication told HortiNews during the 2018 IFTEX. Mr. Armellini who enjoys a huge following among respected flower buyers in America and its neighbours had led a delegation of floriculture companies at the flower expo to scout for potential deals.

"They are quite impressed at the level of quality coming from growers and some of them have even placed orders," he said.

The largest producer and exporter of rose flowers, Oserian Development Company is not keen on the direct flights insisting that lack of logistics to transport flowers from the airport to their customers still makes the flowers expensive.

"October's direct flights are not some magical opening up of a new frontier market. Unless we can find a NY wholesaler then shipping costs will make the US market prohibitively expensive," Neil Heilings Managing Director Oserian said. His sentiments being echoed by Christopher Lindley, the Managing Director of Mavuno NL, a global sales and marketing organization. "We do little to no business in the US and are concentrating on established markets and opportunities where logistics are already in place." He said.

Ruiru based Redland Roses argues that the ground hasn't been well prepared to entice the industry. "The US is a great market but it is not one we are keen on pursuing at the moment because of the costs involved and again we would need to invest in market research. Our business model is hinged on direct sales so we would need to really work on solidifying that market and understanding the dynamics. We are cognizant of the stiff competition from the South Americas," said Aldric Spindler the Executive Director at Redland Roses Limited.

Nicholas Ambanya, the CEO of Magana Flowers agrees: We are yet to understand how logistics for fresh produce are organized. Until we fly a bouquet and follow it to the customers' vase it's too early to tell how this will work. It would be beneficial if JKF has the cool chain required of the flower industry to open a second distribution centre. As at now, it's a wait and see.

Another source from the industry who requested anonymity added. "Based on the initial flight program, the service will not benefit Kenya's floricultural exports to the US in a material way. But it is a start and the potential advent of a freighter service and alternative US destinations in future will change the picture."

Miami has been christened the Ellis Island of flowers. An approximated 32,000 boxes of flowers are delivered at the Miami International Airport every day, representing 40 per cent of all cargo handled at the station.

"JF Kennedy Airport or even Chicago do not have the dedicated distribution network that Miami has and that is why everyone takes their flowers to Miami directly. Once the flowers land at it is easy to distribute them to wholesalers and supermarkets. But Kenya also needs to be aware of the South American countries that have established a strong foothold and have a huge network in the area," Armellini said.



Oserian Flower workers sort bouquets before shipment: For Kenya to reap the maximum benefits of the US market, insiders argue that it needs to introduce direct flights to Miami, the hub of US flower market

The two South American countries, Colombia and Ecuador take the lion share of flower imported to America with over 65 per cent of all flowers distributed in US coming from Colombia while Ecuador takes up approximately 25 per cent of the market.

Last year for example, Colombia shipped over 4 billion flowers to America alone.

"There are very prime markets for example North America. What we envision doing is complementing the market because our flowers are quite different from those of South Americas so there shouldn't be competition per se," said Tulezi.

Armellini concurs: "Kenya has a niche in intermediate roses which have the perfect head size, right length and have a longer shelf life which makes them ideal for the bouquet business mostly preferred by supermarkets. This is a key advantage that Kenya has over the South Americans."

With an annual retail sale of about \$31.3 billion and more than 15.000 retail florists dependent on growers, wholesalers and exporters for their stocks, the US flower market is a goldmine. Roses are the most popular flowers year round accounting for up to 35 per cent of all flowers sold. For example, there are about 85.4 million mothers with Mother's Day remaining of the most celebrated days in the country. About 69 per cent of all the day's gifts are flowers. Out of the average \$61.56 that a typical American spends on Mother's day gifts, \$42.48 goes into buying flowers.

"It is such a huge market. The only way is to get these flowers to the consumers cheaply and on time. Ethiopia has realized this and that is why its national carrier is opening up so many cargo routes across US. This is the strategy Kenya needs to focus on,"Aemellini said.



Wednesday June 5 - Friday June 7 Oshwal Center • Nairobi • Kenya



Kenya's Flower Industry Trade Fair



www.iftex.org

Flower industry panics over shortage of essential fertilizers

The shortage has been occasioned by delays at the port of Mombasa as a result of new and stringent measures on local inspection of all fertilizers introduced by Kenya Bureau of Standards.

By BOB KOIGI

he flower industry is raising alarm over shortage of essential fertilizers which it says if allowed to continue will grind the entire sector to a halt. Numerous growers have complained of surviving under tough conditions which have nearly grinding their operations to a halt.

The shortage has been occasioned by delays at the port of Mombasa as a result of new and stringent measures on local inspection of all fertilizers introduced by Kenya Bureau of Standards.

According to the leading flower grower and exporter Oserian Development Company this biting shortage is grinding the farm operations to a near halt with devastating effects.

While KEBS has traditionally certified the quality of fertilizers in the country of origin before shipment, it has introduced a new set of rules which include re inspecting all consignments at the port of entry as it seeks to tame proliferation of counterfeits.

This lengthy clearance process that now takes up to 2 months before release of consignments has been blamed for the unprecedented shortage

According to Mary Kinyua, the Director of Human Resources and Administration at Oserian, fertilizer suppliers are incurring up to Sh2 million shillings daily in demurrage which they are passing to them, further pushing the cost of producing flowers up.

The company is now predicting a dip in yields and increase in flower prices, which it says will be the case among other growers as they seek to compensate their margins, making Kenyan flowers costlier at the competitive global market.

"The flower industry has this year already been hit by bad weather, pest and disease pressure, high cost of production as a result of increased fuel cost and fluctuating markets. This bottleneck within our borders will only make things worse," Mrs. Kinyua said.

Oserian is a frontrunner in hydroponics technology that embraces the use of soiless medium to grow flowers. The technology relies on fertilizers to feed flowers. A shortage even for a day disrupts the entire production cycle which ultimately affect markets and earnings. Flowers being transported from greenhouses to cold room: Flower farms are predicting a dip in yields and increase in flower prices as fertilizer shortage persist

The consequences of further delays will be far reaching and will affect our businesses through low or no revenues which will lead to massive job losses, lack of foreign earnings, government will not raise tax and this will lead to a complete shutdown of an industry that has been built in the last 30 year and made impressive gains,



Oserian now predicts that if the trend continues it will have far reaching effects to the industry and the economy.

"The consequences of further delays will be far reaching and will affect our businesses through low or no revenues which will lead to massive job losses, lack of foreign earnings, government will not raise tax and this will lead to a complete shutdown of an industry that has been built in the last 30 year and made impressive gains," Mrs. Kinyua added.

Oserian's alarm comes days after the industry's umbrella body, Kenya Flower Council warned of a looming crisis if the government doesn't address the current delays.

"We are doing everything possible to support our members in unlocking the situation as soon as possible to avert total collapse of the industry," KFC CEO Clement Tulezi said in a communique to members.

The Council has reached out to government in a bid to avert the unfolding crisis by looking at ways of expediting the inspection including immediate release of fertilizers that have passed the inspection test to ensure growers get the input in time.

"As much as KFC appreciate the controls KEBS is putting in place to ensure quality and conformity to standards, the process should be quick and facilitative to the industry. We are doing everything possible to support our members in unlocking the situation as soon as possible to avert total collapse of the industry", the communique further read.

Syngenta to launch fungicide against Powdery Mildew

Syngenta is set to launch Solvit® on October 2 2018 in Nairobi.

Solvit® is a new fungicide against powdery mildew developed for use on ornamentals and provides quicker and long-lasting disease control.

Presentations by Syngenta and partners will give an opportunity to learn more about the new product and effective powdery mildew management.

By Victor Juma

Oserian expands key facilities



Michael Gidney the Chief Executive Officer of Faitrade Foundation and Naivasha MP Jane Kihara during the opening of a new block of eight classrooms at Oserian Primary School

By CATHERINE RIUNGU

s part of the farm's business diversification strategy, Oserian Development Company has embarked on expansion of its key facilities in readiness for an envisaged increase in population as its industrial park takes shape.

"We want to be ready to offer people who will settle here basic facilities associated with an all rounded business park," said Mary Kinyua, Director, Human Resources and Administration.

Ms Kinyua was speaking in Naivasha when the firm unveiled a new block of eight classrooms funded with premiums from FairTrade, at a cost of Ksh 14 million at the Oserian Primary School. The School expansion project has been undertaken to decongest the already overstretched capacity at the public school built by the flower farm as part of its Corporate Social Responsibility programmes.

The block was officially opened by Fairtrade UK head Michael Gidney in a ceremony attended by among other dignitaries, Naivasha Member of Parliament Mrs Jane Kihara.

Ms Kinyua has asked the government to step in and provide at least eight teachers since the school faces a major shortage of instructors.

Naivasha, Kenya's flower city, is poised to grow into a major economic hub following plans by the government to create a dry port as part of the Standard Gauge Railway (SGR) strategy, and push generation of geothermal power to reduce reliance on hydro energy.

These developments have seen a major re-alignment of business in the Lake town, with Oserian taking the lead in setting up a business park that includes a flower business zone, real estate, agroprocessing industries and related support infrastructure for about a 20,000 population expected to work and live within the Oserian Two Lakes Business Park.

According to Ms Kinyua, these people will need schools for their children, and Oserian is planning ahead to ensure that that this important aspect of social development is taking care of. "We are putting up a public school that is able to give our children equal learning facilities

as industrial park takes shape



Mary Kinyua, Oserian Director of Administration, Michael Gidney the Chief Executive Officer of Faitrade Foundation and an Oserian medical officer at the upgraded Oserian Health Centre

with those from other good schools as our contribution to Sustainable Development Goals," she said.

The Oserian school expansion comes in the wake of introduction of music school at its supported educational institutions, in support of the Kenya government's new curriculum in the country's education sector focusing more on talent development than academic pursuit.

The farm's educational policy is develop talents alongside academic grades to create a rounded individual as well as avail past time activities that are helpful in living a healthy life as per the farm's overriding Flori4Life slogan. The tagline captures Oserian's four main development lines – Flori4Water, Flori4Food, Flori4Schools and Flori4Nature.

At the same time, Oserian has upgraded its health centre by installing a new medical equipment to improve services at its medical centre in Naivasha. The CT Scanner and a dental unit are now available for staff who will no longer be referred to Naivasha town for the vital services, said the centre administrator Erastus Mugo.

"As the Oserian business park takes shape we expect an increase in population and a higher demand for medical services for which we want o be ready for", said Ms Mary Kinyua, Human Resources and Administration Director.

The CT Scanner is critical in maternal health, Mugo said disclosing that the machine is able to accurately tell when an expectant mother will deliver as well as inform attendants of the status of the foetus and the mother.

"One of the challenges we have had here is getting the expected date of delivery right as well as identify possible difficulties without referring patients to Naivasha", an elated Mugo said.

Jacinta Njoki, a mother of two who is expecting her third child in two months is excited the CT Scanner has been installed at the farm. All her pregnancies have given her scares, she said, and she has severally been referred for scans at Naivasha Hospital.

She was among the first patients attended to and says the scanner confirmed the expected date of delivery the Naivasha General Hospital gave. She narrated the challenges of travelling to Naivasha where there is always a long queue as it serves many people, compared with the short time it takes for the same service to be administered at the Oserian health centre. " I am glad pregnant mothers no longer need to take long distances travelling all the way and queuing for hours", he said.

The dental unit is an exciting development at the health centre considering Naivasha has a challenge of teeth decoloration and other waterrelated complications, and will also save the company time spent in referrals when patients require specialized dental services.

His sentiments were echoed by Ms Kinyua who says the service will save



Michael Gidney the Chief Executive Officer of Faitrade Foundation and an Oserian Medical Officer cut the ribbon to launch the upgraded health center

mothers and the company from the agony and time of travelling for hours to and from Naivasha.

This development come in the wake of another facelift Oserian gave the health centre last December when Ksh 4 million was spent on repairing floors, painting and linen. The improvement included refurbishing the Creche.

Ms Kinyua said the improvements have been made possible through the farm's Corporate Social Responsibility programme and are offered free of charge to staff.

The best known facility at Oserian Health Centre is the Creche, or the daycare center for babies aged up to three years. It was started more than 30 years ago by the founders to take care of employees babies considering the 48% female workforce is within the productive age.

Apart from giving new mothers peace of mind in the knowledge their infants are well fed and safe, it is also an insurance for future generations.

It has a capacity of 100 toddlers, where they are taken care of by trained attendants and strategically positioned near the health centre and the workers housing estate for proximity to medical care in case of emergencies. The personnel include a matron, nutritionist, child attendants and kitchen staff.

The Crèche offers nutritional food which is offered by the company free of charge including milk for older babies.

Nursing mothers allowed at least one hour company time to visit crèches and breast feed their babies; Allocation of duties close to the Creche.

The Oserian Creche has been identified by UNICEF- as Kenyan model for Showcase of Good Breastfeeding Practices at the work place as well as the Ministry of Health – Division of Nutrition – A model of excellence and training center for the establishment of similar facilities and the ILO for Support of Gender policy through provision of ML/ BFP & Crèche Services

According to Ms Kinyua, the Health Centre is an all inclusive department with the medical service, crèche and an Early Childhood Education Centre where young children are taken care of until they join primary school.

After primary they join high school, go on for higher education and join the labour face. About 2,000 students are schooling in the Oserian educational facilities.

"We have here children born, raised, educated and now are employed at the farm making Oserian the only home they know", she said.

The new developments show the community support focus programmes for education, water, food security and environment for sustainability of life. Each is aligned to the world's Sustainable Development Goals (SDGs).Under SDGs No 4, Quality Education: Providing equal access to affordable vocational training and to eliminate gender and wealth disparities with the aim of achieving universal access to a quality higher education, Oserian Flowers has built seven schools running from daycare to secondary schools within its expansive farm to cater for staff children and the community. The music school is open to all interested in the art.



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Kenya's Blooming Flower Industry: Enhancing Global Competitiveness

For Kenya to achieve its vision 2030 goal of agriculture maintaining and sustaining a 10 per cent GDP contribution in the country, these sub- sectors must grow to ensure this contribution is achieved



Richard Van Tol from Mavuno and Hamish Ker the Managing Director at Oserian Flowers Limited share a point with visitors at the Oserian Development Company stand during IFTEX 2018 in Nairobi

By GEORGE ACHIA

enya's ambition to become a newly industrialized upper middle-income country is enshrined in Vision 2030. The delivery of this target is driven by a series of five-year medium term plans. The third medium plan (MTPIII) will strive to move the economy towards achieving 10 percent economic growth rate target by the end of the plan period in 2022. This growth rate is hinged on three pillars including economic, social and political.

The agriculture sector is one of the sectors under the economic pillar that is intended to drive the country's economic growth rate by the end of the MTPIII. It comprises of industrial crops, food crops, floriculture, livestock and fisheries, and employs such factors of production as land, water and farmer institutions.

For Kenya to achieve its vision 2030 goal of agriculture maintaining and sustaining a 10 per cent GDP contribution in the country, these sub- sectors must grow to ensure this contribution is achieved.

Specifically, the floriculture sub-sector has been pivotal in boosting the growth of the agriculture sector. Recently, the horticulture industry performed well, increasing its earnings by 41 per cent to 305billion in 2017 from 216 billion in 2016, employing an estimated 500,000 people, thus placing the sector among the top economic drivers of the economy.

The success of the cut-flower sector in Kenya has been attributed to the country's favourable and stable climate, access to large import markets, fertile land, abundant water and experienced workforce in floriculture.

These factors, according to Africa's Competitiveness in the Global Economy Report 2018, put Kenya's flower industry among the leading players in the world's fast-growing and dynamic flower export business, playing in the leagues of Netherlands, Colombia, Ecuador and Ethiopia, commonly referred to the big five in the



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Kenya's Blooming Flower Industry: Enhancing Global Competitiveness



Among the key producers who have contributed to the growth of the sector is Oserian Company Limited that sits on 200 hectares of land set aside for cut-flowers and exports one million rose stems every day

world's floriculture industry.

The growth in this sector has been gradual and steady, occasioned with challenges. Kenya emerged as a key producer in the world floriculture market in the late 1980s, with exports of 10,946 tonnes by 1988, which increased to 86, 480 tonnes by 2006, 120,220 by 2010 and 133, 685 by 2016.

According to the report, of the 110 varieties of flowers farmed in Kenya and exported to over 60 destinations globally, the most popular roses (85.6%), carnations (2.5%) and alstroemeria (0.73%).

Despite the bloom in the sector and the robust global competitiveness, the flower industry has seen its own share of challenges, including political instability, economic crises, drought, high freight costs and heavy rains.

To achieve the global competitiveness for Kenya's flower sector, Kenya Flower Council (KFC), has been involved in production and marketing of the sector. KFC aims at promoting economic, social and political interests of the floriculture industry through active participation in the determination and implementation of policies governing sustainable development of the sector. The body works directly with members who are either producers (direct production of flowers and ornamentals) or associate members (suppliers of products and services in the industry)

Among the key producers who have contributed for the growth of the sector is Oserian Company Limited. The company sits on 200 hectares of land set aside for cut-flowers and exports one million rose stems every day. Other players include Finlay Flower and Tambuzi Limited.

To ensure the future bloom of the Kenyan flower industry, the sector is already aligning its operations to link its competitiveness to environmental sustainability practices and social standards established in the European markets and other regions globally, as defined by 3Ps – People, Planet and Profit – meeting the current needs in the sector without interfering with the future needs.

How the industry best manages these resources (3Ps) will greatly determine how it will compete with other markets to achieve organizational growth and success.

A new book, Africa's Competitiveness in the Global Economy Report 2018, puts Kenya's flower industry among the leading players in the world's fastgrowing and dynamic export business, playing in the leagues of Netherlands, Colombia, Ecuador and Ethiopia, commonly referred to as The Big Five in the world's floriculture industry

The authors of the chapter are Ogechi Adeola, Abel Kinoti and Mary Wanjiru Kinoti.

Ogechi Adeola teaches marketing mamagement at Lagos Business School, Nigeria. She holds a doctorate in Business Administration (DBA) and an MBA from Manchester Business School, UK and a law degree from University of Nigeria.

Abel Kinoti is the founding dean and associate professor at Riara University School of Business, Kenya, and also foundng chair of Academy of International Business Sub-Saharan Africa Chapter. His teaching and research interests are in areas of innovation and business incubation, social entrepreneurship and marketing.

Mary Kinoti is the associate dean of graduate studies at the School of Business, UoN. She holds PhD is Business Administration from UoN, and an MBA (Marketing) and Bachelor of Commerce Degree

International Floriculture Trade Fair

November 2018



UNITING THE WORLD OF FLORICULTURE !





New high quality lines and exotic roses from De Ruiter E A

By GUY KEBBLE

he breeder De Ruiter, in 'Creating Flower Business' continues to breed new, high quality lines and exotic roses like (Cherry Kheops®) for positive positioning in the market. Focus has been on developing thornless varieties like (Dream Girl®), and more disease resilient varieties like (Furiosa®), and varieties with improved vase life. Mutations of commercial varieties have been found throughout the region, however trying to find stable mutations (colours that do not revert back to its original state) has been a challenge. This could be down to a number of different factors including the adverse weather fluctuations.

Recently new marketing concepts have been rolled out for example (The Big Five®) which outlines five colours: Red. Yellow, Orange, Pink & White each of which has been allocated one of the 'Big Five Animals' Lion, Elephant, Leopard, Rhino & Buffalo. This concept although slightly different was first introduced at the IFTF Flower show in The Netherlands in 2017 & further improved for the IFTEX flower show in Nairobi in 2018. Focus has been to target all possible markets with selected colour options, this we believe allows for easier segmentation.

Focus for the 2018 Naivasha Horticultural Show (NHF) has been

to showcase 'The Big Five®' colours together with new introductions like Melange[®] (bi-pink/yellow), Pink Journey[®] (bi-pink/white), Born Free[®] (Retail Red), Dream Girl® (bi-grey/ white), Deep Sea® (Purple) and Special shapes like the X-pression line.

At our stand (30-33) on road A1 visitors will also be able to see our Spray lines, Hydrangea's & Kangaroo Paw varieties. Aim will be to showcase all exciting varities, catering for each growers target market in a relaxed enviroment which is the Naivasha show.

We welcome all our customers for biting's, refreshments & to discuss the latest developments about our outstanding rose varieties.



Contacts: Office Tel: +254 (020) 502 020 160 Mr Fred Okinda : Mr Rohit Patil

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For more information and availability please contact us locally or visit www.chrysal.com

Expansion of Oserian classrooms

















and upgrade of medical center

















New opportunities

Herb farmers wanted

agrangroup.com is looking for farmers to grow herbs, chives,basil,tarragon,dill,sage and thyme, on contract and assures them of ready market and free agronomic support. All a farmer needs to have is good source of clean water, greenhouse for indoor herbs, drip irrigation for open field herbs and ability to deliver the produce to the company's packhouse in Airport North Road Nairobi

For more information reach the company on +254728201058 or +254706419244 or email horticulture@lagrangroup.com or www. lagrangroup.com or visit their outgrowers office in Kiambu Road.



Seeking farmers for a new market concept

he route to market for Kenyan farm produce is a bumpy one. When the farmer sells his cabbage to the middleman for Sh10, it goes through "expert" loaders who charge a premium for their services, county cess, market entry fees and a cartel off-loaders before the designated broker sells it to the kiosk lady who ferries it to Kangemi by matatu. She then sells it for Sh40 and makes Sh5.

Supposing the cabbage was sold at a unique Farm Outlet for Sh20? The farmer makes more money, the consumer saves lots of money.

Indeed, the road to market is three times more expensive than the cost of producing fruits and vegetables in Kenya. If this can be resolved this contradiction, both the farmer and the consumer will be a happy lot.

A new company is in the process of establishing a trail-blazing Farmers'



Market at a prime location in Nairobi and wish to identify a small group of progressive farmers to take up space at the market.

Shops will range in size between 10 and 100 square metres. A special section with common platforms for smaller retailers might also be considered.

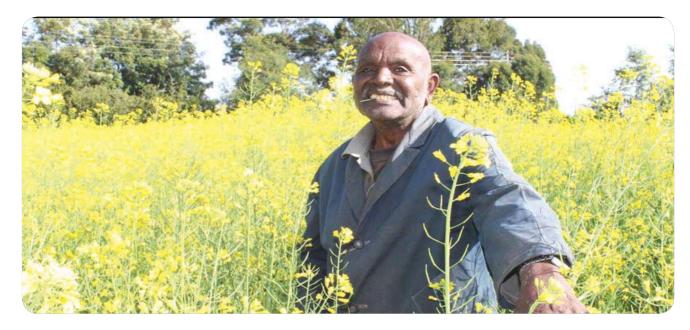
Farmers interested in this initiative can reach the company indicating required size and range of produce. There are no restrictions to the mix, even if it were to include fruits, vegetables, poultry and dairy products since this is within the character of Kenyan farming.

Besides the competitive pricing, the consumer will benefit from product traceability and quality assurance which, although a precondition for export markets, has been missing in the local fresh produce business.

This opportunity is strictly for farmers and will involve a rigorous selection process.

Write to Timothy Clarkson at: timoclarkson@gmail.com

for farmers



Canola farming

anola is a very important crop especially to wheat and corn growing farmers. Throughout the world, large scale cereal farmers in Australia, Mexico, Canada etc use Canola as a rotation crop.

Advantages of canola as a rotation crop

Weed control: Due to continued plantings without any proper break crops, weeds such as 'rai grass' have been very dominant and a thorn in the flesh.

Canola (rape seed), is a vigorous crop, it forms a canopy hence doesn't give room to any crop growing below it.

Nutrient Fetcher: Most farmers literally call canola a 'fishing rod'. With its a deep tap root nature of about 30-45cm, it brings up the litched soil nutrients which no other short crop can manage.

Increased Organic matter: After harvesting, the canola leaves remain in the soil, and the stems can be ploughed back to the soil.

Canola can as well be used in pest and

disease control, especially in wheat and barley. For instance, farmers in Mau, Narok and other wheat growing areas most at times grow wheat after wheat/ barley.

Canola is not affected by these pests, hence improved yields in your next crop.

Increases soil water retention capacity. How? With its deep tap root as earlier seen, it forms cracks in the soil, creating more room for water to be held.

There are many other advantages which I can still share.

It is good to note that canola as a crop is not profitable. It is not a loss making venture either. A farmer will break even and make some little profit.

The real profits will be realized in the next crop after canola.

For instance - Mr. Kilesi a wheat farmer in Narok,

Before canola - 18bags of barley per acre.

After canola - 26.5 bags per acre, and still going higher.

Farmers are advised not to plant canola in the whole field, but to divide the field into four parts, and have a fouryear canola cycle.

Where to sell Canola

The market for canola in Kenya has a deficit of about 60 per cent.

Agventure group are the key customers. They do contract farming with canola farmers and after delivering in their Nakuru or Timau factories, payment is guaranteed within 7days.

They squeeze out canola oil and the byproduct, canola cake, which is very nutritious for dairy farming.

Benefits of canola.

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INVEST IN KENYA INITIATIVE

AGRIBUSINESS/ TRADE & INVESTMENT MISSION TO NETHERLANDS 15th-20th October 2018





A Partnership for Growth & Development

INVEST IN KENYA INITIATIVE

Background

Kenya's economy is market-based with a few stateowned infrastructure enterprises and maintains a liberalized external trade system. The country is generally perceived as Eastern and central Africa's hub for Financial, Communication and Transportation services. Major industries include:

- Agriculture,
- Mining and minerals,
- Industrial manufacturing,
- Energy,
- Tourism and
- Financial services.

As of 2018 estimates, Kenya had a GDP of \$85.980 billion making it the 69th largest economy in the world. Per capita GDP was estimated at \$1,790. The government of Kenya is generally investment friendly and has enacted several regulatory reforms to simplify both foreign and local investment, including the creation of an export processing zone. The export processing zone is expected to grow rapidly through input of foreign direct investment by non-resident Kenyans who work in the US, Middle East, Europe and Asia. Compared to its neighbours, Kenva has well-developed social and physical infrastructure. Agriculture is key to Kenya's economy, contributing 26 per cent of the Gross Domestic Product (GDP) and another 27 per cent of GDP indirectly through linkages with other sectors. The sector employs more than 40 per cent of thetotal population and more than 70 per cent of Kenya's rural people.

Agriculture in Kenya is large and complex, with a multitude of public,parastatal, non-governmental and private sectors.In appreciation of the important role Agriculture plays in Kenya and its potentialfor growth, plus the need to grow a vibrant manufacturing sector, Changemaker International in conjunction with Capacity Africa Institute has organized a mission for Agribusiness and manufacturing stakeholders to the Netherlands from 17th to 22nd September 2018.

Trade between Kenya and Netherlands

Netherlands. Analysts note that growing ties between the two nations show that Kenya is keen on seeking new trade partners, especially those who Kenya's central location in East Africa is attractive to Dutch investors. Investing in this country means access to a market of over 135 million consumers and an abundant, mobile and entrepreneurial young workforce. In recent years, the trade- and investment relation between Kenya and the Netherlands has deepened. In 2014, the volume of trade (total imports and exports) between Kenya and the Netherlands was more than €10 million.

Important Dutch export products are services, chemicals, machinery, transport equipment and engines while major imports from Kenya are is the third export market for Kenya. Dutch private investment in horticulture has led to the emergence of a large contributes to more than 14% of Gross Domestic Product (GDP). In recent years, there is growing Dutch investment outside the traditional horticultural sector, e.g. renewable energy, water and sanitation, infrastructure, logistics, The relation between the two nations, however, goes beyond trade. According to the Dutch Embassy in Nairobi, the Netherlands funds various programmes in Kenya in art, governance, trade development, agriculture, water and environment sectors.





A Partnership for Growth & Development

Event organizers

The Invest in Kenya Initiative will be facilitated by Changemaker International in conjunction with Capacity Africa Institute working closely with various International partners.

Changemaker International

Changemaker International was founded in the Hague, Netherlands in 2015 to provide international development services and Trade consultancies.

The company is registered in the Netherlands under KVK Number 68237316

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- Information sharing on business trends.
- Outsourcing for European Investors for projects in Africa
- For more information visit (www.changeinstitute.nl)

Capacity Africa Institute

Capacity Africa Institute (www.capacityafrica.com) was established in Kenya in 1999 to provide capacity building among development and business professionals in Africa. The organization currently runs training programmes in Kenya, Somalia, Ethiopia, Uganda, South Africa, Tanzania, Rwanda, Congo and South Sudan .We have trained over Five thousand organization has recently added a cap to its business through conference management targeting governments and corporate organizations. We have hosted similar trade expos in Kenya, Burundi and South Sudan.

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Agribusiness, Trade, Investment & Mission to the Netherlands 15th-20th October 2018 Amsterdam NL.















A Partnership for Growth & Development

15th - 20th October 2018 Amsterdam NL

In line with our Invest in Kenya Initiative Changemaker International in conjunction with Capacity Africa Institute has organized a 6 day Agribusiness, Trade and investment tour to the Netherlands.



*Fee caters for return flight on economy class, airport transfers, 5 night accommodation at 4 star hotel in Amsterdam, Daily breakfast, land transportation on private basis and daily lunch.

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A Partnership for Growth & Development

National Farmers Awards celebrates flower industry with new category

he National Farmers Awards, an annual fete organized by Elgon Kenya and the Ministry of Agriculture, now in its sixth year has added a new category targeting flower farms in what the organizers said is a move to appreciate a sector that continues to make an indelible contribution to tens of thousands of Kenyans who rely on it for income and its contribution to the country's economic growth.

This, as the scheme celebrates the achievements of flower farms in spearheading the highest quality in flower production

"Traditionally we were clustering flower farms in the large farms category, but we the need to create a unique category for the floriculture industry because of the unique nature of their operations. We also felt that the amount of investments and farm practices the farms were involved in had gotten impressively unique over the years and deserved special recognition," said Nelson Maina, Communication Manager at Elgon Kenya

Flower farms have in past editions trail blazed in the awards with judges commending them for investing in modern innovations that have fostered responsible flower production.

In the pioneer edition, the industry made history when the three top positions in the large commercial farms category went to flower farms Panda Flowers, breeder Stokman Rozen and grower Nini Limited respectively. The judges commended them for demonstrating the highest level of commitment to environmental protection, climate change mitigation measures and embracing modern technologies that promote sustainability. Mary Kinyua, the Administration Director at Oserian Development Company displays the two awards the company won at the 2018 International Flower Trade Exhibition

But the high quality exhibited by flower farms according to the judges meant that no other players could match the high standards necessitating creation of a category where the flower players could compete among themselves.

"We also decided to come up with this category to allow smallholder farmers who form the bulk of the entrants in the awards to learn from the established farms on good agricultural practices as we seek to newer, innovative and sustainable ways of food production," added Mr. Maina.

Already more than 90 per cent flower farms have already submitted applications for this year's awards in what is pointing to the enthusiasm by the industry and the value the industry attaches to the national fete. At the time of going to press, judges were preparing to visit farms even as they anticipated a tough judging process owing to the increasing investment in innovation and good farming practices.

The industry has always been hailed internationally as a frontrunner in innovation that shapes the flower market. The industry has introduced



self-regulation mechanisms to ensure growers works towards ethically produced flowers.

The locally developed standards including the Kenya Flower Council Silver Standard have gained international recognition becoming a benchmark for other flower growing countries and further rubberstamping the seriousness with which the local industry attaches to quality flowers.

Having an internationally recognized industry standard like the KFC Silver, has gone a long way in establishing a Kenya brand of sustainably produced flowers in a market where the industry's reputation for quality is already highly regarded.

Growers have been trailblazing in harvesting rainwater, using drip irrigation, experimenting with hydroponics, and deploying biological pest control measures like integrated pest management (IPM) earning global recognition and admiration.

"The Kenyan flower industry is highly regarded in the international market. It is a formidable ambassador on the global scene. So we thought. Why not celebrate men and women who work day and night to ensure that flower exceed international expectations," Mr. Maina said.



Kirinyaga County Deputy Governor Peter Ndambiri presents an avocado seedling to a representative of a farmer group during the official launch of avocado farming in the county

hopes for thousands of smallholder farmers across the country who have invested in the crop with the county governments now stepping up efforts to distribute high quality certified seedlings.

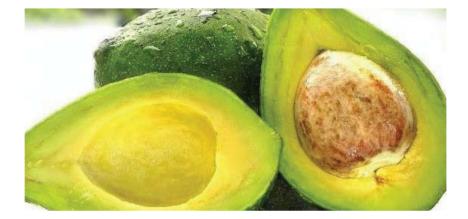
These counties include Meru, Murang'a, Kericho, Bomet, Nandi, Nyeri and Nyandurua.

In Nyeri County for example, Governor, Mutahi Kahiga, the government intends to distribute for free at least two million avocado trees to an estimated 200,000 farmers, targeting to earn as much as Sh20 billion by 2022.

"Our math is that each avocado tree of the Hass variety can fetch farmers at least Sh10,000 as net return in a year. That is a cottage industry that can be a key foundation in our job and wealth creation in the county," he said.

The Hass variety is earning farmers between Sh700 million and Sh1.5 billion in a year owing to lack of logistical support.

There are currently 112,107 acres



under avocado farming with the government looking to grow this to but according to 200,210 acres by 2022. To further boost production, the government is looking at supplying one million subsidized and certified Hass avocado seedlings to willing farmers each year.

To improve on quality, the government had recently instituted a temporary ban on export of all Kenyan Fuerte and Hass avocado varieties over maturity issues.

Lifting of the ban then came with conditions. To ensure that only mature avocados are exported, Agriculture and Food Authority (AFA) announced that for an avocado to be deemed to be mature it must have a dull appearance of the skin for Fuerte, have shriveling and yellowing of the fruit stalk, when cut and the seed is removed, the seed-coat is dark brown and dry and does not adhere to the flesh and contain at least 20 per cent dry matter content and oil content of 8 per cent and above.

Kenya mainly exports its avocados to Europe, Middle East and South Africa.



East Africa Exporters Directory



Associations	Country	Phone	Email
Kenya Flower Council	Kenya	254-733639523	info@kenyaflowercouncil.org
Fresh Produce Exporters Association Of Kenya	Kenya	254-20 205160333	info@fpeak.org
Tanzanian Horticultural Association	Tanzania	255 (27)2544568	info@taha.or.tz
Ethiopian Horticulture Producers Exporters	Ethiopia	251-116636750	info@ethionet.et
Kenya Horticulture Council	Kenya	+254-731588513	info@khc.co.ke

Flower Farms in Kenya

7 ft
2 ft
5 ft

Breeders / Propagaters

ORGANISATION

Dummen Orange Schreurs East Africa Ltd. Wac International Florensis Hamer Interplant Roses United Selections Solo Plant Kenya Ltd

PRODUCT

Flower Breeder Flower Breeder Flower Breeder Flower Breeding Flower Breeding Rose Breeder Breeding

CONTACT PERSON

Mr.Steve Outram Mr.Haiko Backer Mr.Richard Mcgonnell Mr. Eddy Verbeek Mr.Gavin Mouritzen Mr.IellePosthumus Tomer Weiss

PHONE

PHONE

254-733-609863 Tel:+254 203566135 254-722-810968 020 50010 254-729-406668 254-2-3656135 +254 (0)715 631 373

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s.outram@dummenorange.com sales@schreurskenya.com richard@wac-international.com verbeek@florensis.com info@interplantea.co.ke jposthumus@united-selections.com tomer@soloplant.co.ke

Lake Naivasha: Altitude 6178ft

PRODUCT

ORGANISATION

Loldia

Florema(K) Ltd Begonia Carzan Flowers Carnations Cut flowers Longonot Horticulture Cut flowers Blue Sky Cut flowers Indu Farm Cut flowers Leekem Holding ltd. Cut flowers Cut flowers Rainforest Savannah Fowers Cut flowers Star flowers Cut flowers Subati Cut flowers Wildfire Flowers Cut flowers Aquila Development Company Cut flowers **Beauty Line** Gypsophila Hamwe Ltd. Hypericum Sun Buds Hypericum Oserian Development Company **Rose & Fillers** Oserian Flowers Limited **Carnations & Fillers** Colour Vision Roses Ltd Rose Breeders **Rift Valley Roses** Roses Van Den Berg Roses Roses

CONTACT PERSON

Mr. Perter Maina Mrs. Carol Manji Mr. Gary Mr. Shado rai Mr. Mike Mr. Weslev Koech Mrs. Margaret Muthoni Mr.Fabian Philippart Mr. Ignaitus Lukulu Mr.Dinkar Mr. Naren Patel Mr.Patrick Mbugua Mr.Abhav Marathe Mr.Peter Gathiaka Mr.Adrew Khaemba Mr. Paul Kamau Mary Kinyua Mr.Hamish Ker Mr.Peter Vandemeer Mr.Peterson Muchiri Loek Van Adrichem

254-050-2021075 254707110030 0721 237936 254-050501473 0720 005294 0715 546908 254-720-267004 0716 686998 0728 424902 0722 203750 0712 584124 254-722-204669 254-722-205368 0722 676925 Tel: +254722431170 Tel:+254 728339953 Tel: +254 721299008 Tel: +254 722204701 254-05050310

254-721216026

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loek@bergroses.com

Lake Naivasha: Altitude 6178ft

Roses

Aquilla **Bigot** Flowers Bila Shaka De Ruiters Finlay's Kingfisher Galaxy Groove Harvest Flowers Karuturi Flowers Kongoni Farm Larmona Maridadi Flowers Ltd Mbegu Farm Nini Farm Shalimar Flowers (K) Ltd Stockman Rozen Twiga Roses Panda Flowers Finlay's Flamingo Colour Crops Esmeralda Breeding **Multgrow Investments** Kentalya

Roses **Roses and Fillers** Summer Flowers Summer Flowers Summer Flowers Cut Flowers

Mr.Yogesh Mr.Jagtap K Ms. Judith Zuubier Fred Okinda Mr. Charles Njuki Mr. Kiran Mr.John Ngoni Mr Phanuel Ochunga Mr.Sylvester Saruni Dinkar Fiona Jack Kneppers Mr. David Mousley Billy Export Manager Mrs. Sarah Tham Mr.Pius Kimani Charkara Mr.Peter Mwangi

0721 747623

0786 143515

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Tel:+254 722204505

050 506609

Mr.Loui Hooyman 31-297-385444 Mr.Peter Murimi Mbugua 254-724-977259 Mrs.Lynette 0733 549773

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info@esmeraldabreeding.com peter_murimi@yahoo.com lynette@kentalya.com

Nairobi: Altitude 5515ft

ORGANISATION

Black Tulip Group Caly Flora Ltd. Everest Enterprises Ltd. Flora Delight Particle Blooms Co. Ltd. Phinna Flowers Ltd. **Redhill Flowers Rose Bunk International** Sian Agriflora Ltd The Flower Hub **Tripple F. Agencies** Van Kleef Kenya Winchester Farm Zaina Blooms Credible Blooms Flamingo Flora Karen Roses Kreative Roses Ltd. Lakshmi Group Ltd. Magana Flowers Magnate Flowers Mzurrie Flowers Shallimar Flowers Ltd

Cut Flowers Roses Roses Roses Roses Roses Roses Roses Roses Roses

PRODUCT

CONTACT PERSON

Mr.Mohan Choudhery Mrs.Catherine Gichungu 254 725456930 Mr.John Karuga Mr.Marco Van Sandjik Mr.Caleb Amunga Mrs.Ruth Thuo Mr.Isaac Bwire Ombunda 254-702-344047 Mr.Nahashon Macharia Mr.Jos Van Der Venme Mr.Stephen Swainston Mr.Amos N. Wakiria Mrs.Judith Zuurbier Mr.Michire Mugo Mr.Francis Sam Mrs.Juliana Rono Mr.Bas Smit Mr. Serghei Mrs Ann Gitari Mrs.Gladys Muthoka Mrs.Irne Njeru Mrs.Elizabeth Wahogo

254-722-825429 254-722-720876 254-722-384188 254-704-040101 254-723-582476 254-773-754140 254-725-961961 254-722-509970 254-735-405982 254-722-364943 254-0722-203630 254-736-080070 020 2102019 254-:0721993857 254-722-717187 254 733501640 254 714551969 254-20-2017651 254-722-777051 254-722-203630 254-738-391832

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Mt.Kenva: Altitude 6358 - 7057ft

ORGANISATION Mount Kenya Alstroemeria Bondet

LOCATION PRODUCT Cut Flowers Nanyuki Nanyuki Erygium

CONTACT PERSON Mr.Edwin Van Der Veen **Richard Fernandes**

PHONE 254-718-240581

EMAIL info@mountkenyaalstroemerialtd.com

Mt.Kenya: Altitude 6358 - 7057ft

Kariki Limited	Nanyuki	Hypericum		0722 50 99 19	info@kariki.biz
Live Wire Ltd	Nanyuki	Hypericum And Lilies	Mr.Esau Onyango	0728 606872	info@livewire.co.ke
Finlays Sirimon	Timau	Lilies	Ms.Purity Thigira	0733606411	purity.thigira@finlays.net
Batian Fowers	Timau	Roses	Mr.G.Muriungi/Dirk Looj	0720 102237	dirk@batianflowers.com
Bloomingdale Roses	Timau	Roses	Mr.Sunil Chaudhari	0732 373322	sunil@bloomingdaleroses.com
Bogmack Farm	Timau	Roses	Mr.Anderson	0722 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	0715 727991	topper@lolomarik.com
Protea Farm	Timau	Roses	Mr.Philip		info@lobelia.co.ke
Sunland Roses	Timau	Roses	Mr.Peter Viljoen	254-702-095696	sales@sunlandroses.com
Tambuzi	Nanyuki	Roses		+254 (0)722 716 158	tambuzi.sales@tambuzi.co.ke
Timaflor Ltd.	Timau	Roses			info@timaflor.nl
Timau Flair	Timau	Roses	MR.Philip Ayiecha	254-723383736	
Uhuru Flowers	Timau	Roses	Mr. Ivan Freeman	Tel:+254722863252	ivan@uhuruflowers.co.ke
Vegpro-K Ltd	Timau	Roses	Mr.Vivek Sharma		vivek@vegpro_group.com
Kisima	Timau	Roses and Lilies	Mr.Martin Dyer	+254 (0)722 509 830	info@kisima.co.ke
NT 1	1				

Nakuru: Altitude 6070ft

ORGANISATION

LOCATION PRODUCT

Bliss Flora Ltd. Nakuru Carzan Rongai. Kudenga Flowers Molo Greens Ltd Molo River Roses Rongai Roseto Limited Kariki Limited Molo Amor Nakuru Nakuru Baraka Farm Buds&Blooms-Bliss Flora Nakuru Elbur Flora Fontana Ayana Nakuru Fontana-Akina Nakuru Kimman Roses Ltd. Mau Flora Nakuru Milmet Nakuru Nakuru **Omang-Africa** Porini Nakuru Pp Flora Nakuru Preesman Kenya Nakuru **Ravine Roses** Nakuru Redwings Subati Flowers Vankleef Nakuru Xpression Flora Ltd. Njoro Sian Agriflora (Sian Roses) Nakuru Jatflora Gilgil Bahati Morop Flora Ola Solai

Cut Flowers. Cut Flowers. Mau Summit Cut Flowers. Molo North Cut Flowers. Muserechi Cut Flowers. Cut Flowers. Hypericum Roses Roses Roses Elburgon Roses Roses Roses Elburgon Roses Roses Roses Roses Roses Roses Roses Roses Kabarak Roses Subukia Roses Roses Roses Roses/Lilie Summer Flowers Summer Flowers

CONTACT PERSON

Mr.Shivaji Wagh Francis Mr.Joseph Juma Mr.Justus Metho Mr.Alice Mureithi Mr.Yogheesh Mr.Ketan Jerath Lucy Mr.Shivaji Peter Kairu Mr.Gideon Maina Mr.Girish Appana Mr.Daniel Moge Maina Mahesh Pravin Mr.Inder Nain Mr.Pitambar Ghahre Prakash Michael Kikwai Mr.Peter Kamuren Mr.Sayer Simon Mrs. Jennifer Sassi **Judith Zuurbier** Mr.Mangesh Mr. Jos Van Der Venne James Oketch Wesley Tonui Mr.Wafula

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254 722203630

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floraolaltd@gmail.com

Thika -Juja-Kiambu: Altitude 5649 ft

ORGANISATION	LOCATION	PRODUCT	CONTACT PERSON	PHONE	EMAIL		
Zena Roses	Thika	Carnations,Roses	Mr.Rakesh	Tel: 0724631299	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	Tel: 733603530	Daniel.kisavi@sygenta.com		
Munyu Growers	Thika	Flower Grower & Exporter	Mr.Muthom Ngaru	254-721-956307	munyugrowers@gmail.com		
Riverdale Blooms Ltd	Thika	Flower Grower & Exporte	er	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	Tel:+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	Tel:+254 733625297	tom@pentaflowers.co.ke		
Simbi Roses Ltd.	Thika	Roses	Ms.Pauline Nyachae	Tel: +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	Tel: 0675854406	everflora@dmbgroup.com		
Kenflora	Kiambu	Roses	Mr,Aleem Abdul	254-722311468	info@kenfloraa.com		
Valentine Kibubuti	Kiambu	Roses	Mrs. Suzan Maina	Tel: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 Growers	Mr.Brian Wahome	254-734-424648	brianwahome@transebel.co.ke		
77 00 1							
Kajiado – A	Kajiado – Athi-River : Altitude 5649ft						

ORGANISATION	LC
Carnation Plants Ltd	At
Waridi Ltd	Atl
Harvest Flowers	Atl
Shade Horticulture	Isi
Desire Flora K.Ltd.	Isi
Isinya Roses	Isi
Maua Agritech	Isi
P.J. Dave	Isi
Maasai Flowers	Ki
Charm Flowers	Ki
Maua Agri Tech Ltd	Kit
Rose Plant	Kit
Sian Maasai Flowers	Ki
Sian Roses	Ki
Afriscan Kenya Ltd.	Ki
Kordes Roses East Africa L	td
info@kordesroses-ea.com	
Ngong Roses	Ng

Athi River Athi River Roses Athiriver Roses Isinya Cut Flowers Isinya Roses Isinya Roses Isinya Roses Isinya Cut Roses Kitengela Roses Kitengela Roses Kitengela Cut Flowers Kitengela Roses Kitengela Roses Kitengela Roses Kiserian Cut Flowers Masai West Road Ngong Roses

LOCATION PRODUCT Carnations

Mr.E.Fieldman Mr.Pd Kadlag Monicah Mr.Ashutosh Mishra Mr.Rajaat Chaohan Mr.Kori Mr.Ananth Kumar Sales Manager Mr.Atenus Mr.Andrew Tubei Mr.Jos Van Der Venne Mr.Charles Mwangi

CONTACT PERSON

Mr. Charles Maina

Roses

020 2700660

PHONE

254 0724646810

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254-722-292242

254-0721345829

254-20-4453970

254-0722 455996

254-0722848560

254-51343473

254-721-734104

254-724-082797

254-0700718570

254-0739729658

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254-2045162

254-724407889

+254 722294963

254-0722 792018

+254 728 689 000

254-722206318

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charles.mwangi@afriscan.co.ke 254-0733 363642

ngongroses@capstoneonline.co.ke

Limuru-Rumuruti-Olkalau: Altitude 6024-7802 ft

ORGANISATION

Tropiflora Leekem Holdings Ltd **Tegmak Bloom Highlands** Plants Aaa Roses Terrasol Black Petals Ltd. Elbur Flora Kimman Roses Ltd. Suera Flowers Limited New Hollands Flowers Golden Tulip

Limuru Carnations Nyandarua Cut Flowers Nyandarua Cut Flowers Olkalau Cut Flowers Cut Flowers Rumuruti Limuru Cuttings Limuru Roses Elburgon Roses Elburgon Roses Nyahururu Roses Olkalau Roses Olkalau Roses

LOCATION PRODUCT

CONTACT PERSON

Mr. Krasensky Mrs.Margaret Muthoni Mr.Edward Kaguchu Mr. Leonard Kanari Ms.Jennifer Sassi

Mr.Nizra Junder Peter Kairu Mr.Daniel Moge Maina Mrs.Peris Wanbui Mureithi Mr. Francis Umesh

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nj@blackpetals.co.ke eflora@africaonline.co.ke kimmanexp@gmail.com perismureithi@yahoo.com

Limuru-Rumuruti-Olkalau: Altitude 6024-7802 ft

- Mahee Flowers Ltd Olkalau Africa Blooms Rumuruti Primarosa Flowers Flora Delight Limuru Kemaks Blooms Limited Hatabor Rainbow Blooms Limuru
- Roses Roses Nyahururu Roses Summer Flowers Aberdare Ranges Summer Flowers Cut Flowers

Vijay Kumar Samir Chandokrkar Mr.Vishal Metha Mr.Hosea Andanvi Mr.Peter Gakuna Mr.John Ndungu

254-020822025 254-0735-384552 254-734-88223 254-0724373532 254-792-705160 254-07213850959 info@eaga.co.ke

mvishal@primarosaflowers.com hosndai@vahoo.com kemaksblooms@gmail.com

Kericho-Eldoret-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	Cut Flowers	Mrs.Mercy Njuguna	254-721-637311	mercy.njuguna@panocal.co.ke
	-				



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	Raghbir 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
Xclussive Cuttings	Chrysanthemums	Gayaza-Zirobwe Road	Peter Benders	0757 777700	pbenders@xclussiveuganda.com

FLOWER AND VEGETABLES FARMS IN TANZANIA



Flower Farms in Tanzania

NAME	PRODUCT	LOCATION
Kilifi Flora	Roses	Arusha
Mt. Meru	Roses	Arusha
Tengeru Flowers	Roses	Arusha
Hortanzia	Roses	Arusha
Kilimanjaro Flair	Hypericums	Arusha
Multi Flower Ltd	Crysenthemums	Arusha
Fides	Crysenthemums	Arusha
Dekker Bruins	Crysenthemums	Arusha
Arusha Cuttings	Crysenthemums	Arusha

CONTACT PERSON	PH
Jerome Bruins	255
Tretter	255
	255
Michael Owen	255
Greg Emmanuel	255
Tjerk Scheltema	255
Greg Emmanuel	255
Lucas Gerit	255
Tjerk Scheltema	255

IONE 5 27-2553633 5 27 2553385 5 27 2553834 5 784 200 827 5 784 392 716 5 27 255 3138 5 27 255 3148 5 27 255 3138 5 27 250 1990

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fides@habari.co.tz info@tfl.co.tz tjerk@arushacutting.com

ETHIOPIAN HORTICULTURE PRODUCERS EXPORTERS



EHPEA

Flower Growers in Ethiopia

NAME	PRODUCT	LOCATION	CONTACT PERSON	PHONE	EMAIL	
Lisen Flowers	Roses	Holeta	Peter Linsen	elinsenroset@ethionet.et	t i i i i i i i i i i i i i i i i i i i	
Hanja	Roses	Holeta	Holeta		peter.pardoen@karuturi.com	
Alliance Flowers	Roses	Holeta	Navale		navele@nehainternational.com	
Ethio Dream Rishi	Roses	Holeta	Holeta	011 23 72335	holeta@jittuhorticulture.com	
Holeta Roses Navale	Roses	Holeta	Holeta		navele@nehainternational.com	
Supra Flowers	Roses	Holeta	Kaka Shinde	0911 353187	kakashind@rediffmail.com	
Agriflora	Roses	Holeta	M.Askokan	0922 397760	flowers@ethionet.et	
Ethio-Agricerft	Roses	Holeta	Alazar	0910 922 312	alazar@yahoo.com	
Addis Floracom P.L.O	Roses	Holeta	Kitema Mihret	0912 264190	tasfaw@addissflora.com	
Enyi-Ethio	Roses	Sebata	Teshale	0911 464629	enyi@ethionet.et	
Lafto Roses	Roses	Sebata	Andrew Wanjala	0922 116184	irrigation@laftorose.com	
Eden Roses	Roses	Sebata	Vibhav Agarwal	0930 011228	vaibhavaggarwal1@hotmail.com	
Ethio-Passion	Roses	Sebata			roshanmuthappa811@gmail.com	
Golden Rose	Roses	Sebata	Sunil			
E.T Highlands	Roses	Sebata		0911 502147	bnf2etf@ethionet.et	
Sharon Flowers	Roses	Sebata			saronfarm@ethionet.et	
Selam Flowers	Roses	Sebata	Etsegenet Shitaye	0913 198440	etsgshita@yahoo.com	
Joy Tech	Roses	Debra Zyeit	Mulugeta Meles	0911 302804	mulugeta@joytechplc.com	
Dugda Froliculture	Roses	Debra Zyeit	Sayalfe Adane	0911 504893	general@dugdaflora.com.et	
Minaye Flowers	Roses	Debra Zyeit	Eyob Kabebe	011-9728667/8/9	minayefarm@ethionet.et	
Bukito Flowers	Roses	Debra Zyeit	Anteneh Tesfaye	0911 615571		
Oilij	Roses	Debra Zyeit	Bas Van Der Lee	0911 507307	b.vanderlee@oilijethiopia.com	
Yassin Flowers	Roses	Debra Zyeit	Tesfaye Gidisia	0911 897856	kamevision@yahoo.com	
Z.K Flowers	Roses	Debra Zyeit	Abebe Mamo	911526529	abemic/2006@yahoo.com	
Friendship Flowers	Roses	Debra Zyeit	Edwin	(251) 911304967	friendship.flowers@yahoo.com	
Evergreen Farm	Roses	Debra Zyeit	Hiwot	0912 125065	Hiwot.Ayaneh@yahoo.com	
Rainbow Colours	Roses	Debra Zyeit	Tedessa Kelbessa	0911 389729	rainfarm@yahoo.com	
Sher	Roses	ZiwayRamesh Pat	il0912 131940	braam.roses@hotmail.com		
Braam Farm	Roses	ZiwayBen Braam	0920 746270			
Sher Koka Farm	Roses	ZiwayAlemitu Bir	u 0912 097824			
Ziway Roses	Roses	ZiwayErmiyas Sol	omon	0921 094373	ermiasziwayroses@yahoo.com	
Herbug	Roses	ZiwayHubb		hubb@herburgroses.nil		
Aq	Roses	ZiwayWim		wimjr@aqroses.com		
Margin Par	Hypericum	ZiwayHayo Hams	ter	251 911505845	marginpar@ethionet.et	
Tal Flowers	Gypsophila	•		uridago@walla.co.il		
Ewf Flowers		ZiwayHumphrey		production-manager@ewf-flowers.com		
Red Fox	•	s ZiwayMichael Zeve	enbergen	0911 490023	m.zevenberge@ethiopia.redfox.de	
Abssinia Flowers		ZiwaySendafa		ggh_link@ethionet.et		
Ethiopia Cuttings		Koka Scoff Morał			scott.moharan@syngenta.com	
Florensis Ethiopia	°	s Koka Netsanet Ta	dasse		flrdnsis@ethionet.et	
Maranque	Crysenthemum	-	Mark Drissen	(251) 221190750	md@maranqueplants.com	
Freesia Ethiopia		Statice Sebata	Ronald Vijverberg	(251) 115156259	freesia@ethionet.et	
Yelcona	Hypericum	Sebata	Andreas	0921 146930	Andreasndieolens@hotmail.com	

Fruit, Herbs and vegetable Fruits In Kenya

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LOCATION PRODUCT Nairobi Nairobi Nairobi Eldoret Nairobi Thika Nairobi Mombasa Thika Ruiru Nairobi Thika Nairobi Nairobi Nairobi Nairobi Eldoret Murang'a Nairobi Kitale Nairobi Kisumu Juja Fruits Nakuru Nanyuki Nairobi Thika Nairobi Nairobi Nairobi Seeds Nairobi Nairobi Nairobi Kiambu

Horticulture French Beans, Babycorn Mr.J. Muigai Spces And Herbs **Chillies And Fruits** Vegetables Fruits Dried Herbs And Roses Fruits And Vegetables Fruits And Vegetables Macadamia Nuts Fruits And Vegetables Fruits And Vegetables Fresh And Vegetables Vegetables Fruits And Vegetables Vegetables Vegetables And Fruits Onions And Tomatoes Fruits And Vegetables Fruits And Vegetables Fruits And Vegetables Flowers And Vegetables Mr.Richard Fox Vegetables Fruits And Spices Fruits And Vegetables Fruits And Vegetables Fresh Fruit And Vegetables Mr.Christian Bernard Fruits.Nuts.Tea Fresh Fruit And Vegetables Mr. Manu Dhanani Fruits And Vegetables Fruits And Vegetables Fresh Fruit And Vegetables Vegetables Vegetables Passion Fruit **Organic Producers** Orchards Chillies And Vegetables Mr.J.Kent Fruits And Milk Herds And Seed Production Mr. Rao Vegetables Fresh Fruit And Vegetables Avocado French Beans Calla Lillies Fresh Fruit And Vegetables Fruits And Vegetables Vegetables French Beans Fresh Fruit And Vegetables

CONTACT PERSON PHONE Mr.Neville Ratemo Mr.Paul Mugai Sales Team Mr.Mohamed Mr.Abdul Sales Manager Import And Export Manager Mr.John Mairura Mr.Peeush Mahajan Sales Managers Mr.John Karuga F Mr.Francis Thuita Ms.Maleka Akaberali Mr.Charles Mbugua Mr.D.Karim Mr.Zulfikar Jessa R.Chaudhry Charles Butiko Mr.G.Murungi Sales Manager Ms.Eunice Mwongera General Manager Mr.Bandali Sales Manager Mr.Richard Collins Ms.Lucy Mundia Sales Manager Asif Aman Sales Manager Sales Team Mr.O.P.Bij Okra Marketing Manager **Bob** Andersen Charles O.Odira Rose Wahome Mr. Sinkeet Niambi Ms. Grace Wanjiku Nairobi General Managers General Manager Mr.Muia Vegetables And Onions Mr. Kanji Kalvan Patel Ms. Angelina Mangat Sales Manager Mr. Hasit Shah Mrs. Patel Sales Team Mr. Bharat.Patel Mrs. Peris Muriuki

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Nairobi

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A DIRECT LINE BETWEEN THE CONSUMER AND THE ORIGINAL PRODUCER THE CHAIN OF TRUST IN FOOD PRODUCTION

- All products with the GGN label are certified in accordance with the rules of GLOBALG.A.P. Standards.
- GGN stands for a thirteen-figure identification number by which all certified participants in the production and supply chain can be recognised.
- A farmer with this number identifies himself as a participant in the independent certification procedure in accordance with the GLOBALG.A.P. Standard.
- Importers and exporters in the worldwide supply chain are checked to ensure that GLOBALG.A.P. certified goods are suitably distinguished from non-certified goods and that they are correctly marketed as such.
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