

# AGRIFOCUS

AFRICAN MARKETS

Vol.24 / Issue: 3 July - September 2021

Premium Agriculture News In Real Time

## Agriculture Private Sector Players Call for Collaboration to Boost African Food Systems 14

6 Machines that Make Modern Farming More Productive 12

Mozambique - African Development Bank and Italian Technical Cooperation 16

How smart technologies contribute to happy cows and sustainable dairy farming 25



**LOTHBROS MEDIA**  
RESURRECTION OF PERFECTION



978123456789

# Certified Rebuild, Service and Assembly Facility in South Africa

*For Bibby Turboflex, Marland Clutch,  
& Svendborg Brakes*

Rebuild/repair your product to look like new, perform like new and warrantied as new...at half the price.



Your old, worn Marland clutches, Svendborg brake systems and Turboflex Disc Couplings can be refurbished locally at our South African facility for substantially less than the cost of a new replacement clutch.

Since Bibby Turboflex, Marland & Svendborg are part of Altra Industrial Motion, the newly branded Altra Industrial Motion South Africa facility is now able to serve as an authorized local Service Center for Turboflex Disc Couplings, Svendborg brake systems and Marland one-way clutches and backstops utilized in several key markets including petrochemical, mining, metals, power plants and cement manufacturing, on applications such as dual fan drives, inclined conveyors, Kiln drives and pumps.

*Altra South Africa Facility*





# Effective Soil Preparation.



## PÖTTINGER **TERRADISC 6001 T**

- **Robust TWIN-ARM design** to prevent lateral movement of the discs
- Working widths of 3 to 6 m
- Low maintenance, long-lasting, large diameter discs
- Large clearance between arms and discs for excellent material flow

TERRADISC 3001







## The Team

### PUBLISHING DIRECTOR

Dowell Sichitalwe

### GENERAL MANAGER

Munyaradzi Chikuruwo

### CHIEF EDITOR

Brandon Moss

Brandonm@agrifocusafrica.com

### GRAPHICS

Rekai Musari Mutisi

Lothbrok Media

### SALES/ADVERTISING

Tumelo Thebe

Kyle Young

Jacques Borrem

Kagiso Sithole

Ashton Moss

Dowell Sichitalwe

### CONTRIBUTING WRITERS

Linda Nkonde

Roxanne Ghoreki

Michaela Van Vyck

### ACCOUNTS

accounts@lothbrokmedia.com

### CONTACT

Published 4 times annually by LOTHBROK MEDIA.

5 The Ferns, 364 Pretoria Avenue Randburg, 2194

Mail: Info@lothbrokmedia.com

info@agrifocusafrica.com

Tell: +27 68 081 6116

www.agrifocusafrica.com



## Advertiser Index

Altra Industrial Motion	2
Pottinger	3
IATF	9
Plastica Alfa Spa	21
Goweil	25
HITEMA	36
AMS SAMPLERS	37
POLMAC	38
SPACE EXPO	Back Cover

# Contents

## EDITOR'S NOTE

6 important agriculture machines used in the harvesting process ...	6
Youth involvement in land reform is essential	7

## FARMERS

Upcoming Events And Exhibitions	8
---------------------------------	---

## EVENTS

The African Agri Investment Indaba (AAIL)	8
SPONSORSHIP AND EXHIBITION OPPORTUNITIES	8
IATF 2021 Dates rescheduled to 15-21 November 2021	9

## COVER STORY12

6 Machines that Make Modern Farming More Productive	12
Automatic Cow Milking Machine	13
Agriculture Private Sector Players Call for Collaboration to Boost African Food Systems	14

## AGRIBUSINESS

Mozambique - African Development Bank and Italian Technical Cooperation ...	16
Zambia getting grain requests from neighbours after bumper harvest	18

## CROPS

Mozambique: No Need for Cotton Subsidy This Year	19
African nations urged to promote inclusive agriculture	21

## Technology

First Ivorian-based innovation wins the Africa Prize for Engineering Innovation	22
How smart technologies contribute to happy cows and sustainable dairy farming	24
Making data smart	25

## Livestock

The world's easiest cable gland to fit	26
--	----





## 6 important agriculture machines used in the harvesting process ...

**F**arm machinery, mechanical devices, including tractors and implements, used in farming to save labour. Farm machines include a great variety of devices with a wide range of complexity: from simple hand-held implements used since prehistoric times to the complex harvesters of modern mechanized agriculture.

The operations of farming for which ma-

chines are used are diverse. For crop production they include handling of residues from previous crops; primary and secondary tillage of the soil; fertilizer distribution and application; seeding, planting, and transplanting; cultivation; pest control; harvesting; transportation; storage; pre-marketing processing; drainage; irrigation and erosion control; and water conservation. Livestock production, which not so long ago depended primarily on the

pitchfork and scoop shovel, now uses many complicated and highly sophisticated machines for handling water, feed, bedding, and manure, as well as for the many special operations involved in producing milk and eggs.

In this Edition, we take a look at 6 important agriculture machines used in the harvesting process and how they may farm work easier.

# Youth involvement in land reform is essential



**L**and Reform: The commemoration of Youth Month in June and the 45th anniversary of the student uprising in 1976 have commenced with the release of the latest Quarterly Labour Force Survey for the first quarter of 2021. This shows an increase in unemployment in the first quarter of this year, particularly among the youth and black women.

The last statistics released by Stats SA paint a grim picture of unemployment among our young people. According to the latest statistics, the highest unemployment rates were recorded for the youth aged between 15 and 24 at 63.3% and those aged between 25 and 34 at 41.3%.

Peter Setou, Chief Executive of the Vumelana Advisory Fund, a non-profit organisation that helps beneficiaries of the land reform programme to make their land profitable, says, "This is a very worrying trend as the prospects for the economy to create more jobs in the foreseeable future are not good. Some of these statistics should be located within the context of the largely unresolved land question in South Africa, which has far-reaching social and political ramifications, and the gap that still exists in creating an understanding of the role that youth can play in land reform, as entrepreneurs and active participants."

*To facilitate meaningful involvement of the youth we need, amongst others,*

- Tailor made and market oriented vocational training activities that are adapted to the youth's level of understanding and challenges that they face.
- Linkages with both private and public actors to facilitate access to land and inputs as well as to provide guidance to the youth in the selection of higher value agricultural products and market opportunities.
- Inclusion of youth in programme design and strategy processes.
- Creation and introduction of a range of incentives for younger people involved in agriculture and to support innovative ways of making agriculture more interesting, in this regard, ICT could play a role and offer new job opportunities. As an example, using phone applications in farming activities, the youth can change

their perception in agriculture and see it as an exciting and innovative industry.

- Acceptance and promoting other forms of land use such as eco-tourism and promoting youth involvement in such land reform projects.

Among some of the beneficiary communities that Vumelana has supported include the Mamahlola CPA, located in Limpopo, where Vumelana facilitated a Communal Private Partnership agreement for the beneficiary community with private investors for support in efforts to enable the commercial viability of the CPA's restituted land.

Mareidi Letsoalo, Chairperson of Mamahlola communal property associations (CPA), says, "Over the past few years, I have been an active member of the Mamahlola tribe CPA, which is the landholding and juristic institution that acquires, holds and manages restituted land on behalf of the members of the beneficiary communities, and our biggest challenge has been getting the youth involved in the CPA."

The CPA manages the land for more than 400 families from the Mamahlola tribe, who were removed from the Mamahlola area in Tzaneen and relocated to Hammanskraal outside Pretoria.

According to Letsoalo, "What is disheartening is that the average age of CPA members is around 52 years old. The youngest person in our CPA executive is 47 years old. Looking at the unemployment statistics among young people, we believe that active participation of young people in the management of the land and in agriculture can go a long way towards alleviating the unemployment crisis."

He continues, "There is a lot of apathy from the youth regarding the land issue. Most of the younger generation show very little interest in the politics of the land. For the older generation who witnessed first-hand forced removals and the atrocities that went with them, the land question is a very emotive one. However, we need young people to understand the role that they can play in land reform, as they are the generation that will take over from our generation."

Letsoalo explains, "My generation is the second generation that runs the CPA, and this group was involved with all the claims and counterclaim processes. Considering the average age of CPA members, it is important to have young people who will take over the reins and carry on with the work of ensuring the successful running of our ancestral land."

He notes that, "Succession planning is important in land ownership, and this is where young people come in to fuse the institutional memory of the older generation with modern techniques to drive successful rural economic development."

"It is important that land reform and agriculture should be presented as a viable employment alternative to the growing mass of young people who are unemployed. We believe that ignorance

and the stigma associated with agriculture dissuades young people from considering a career in land reform and agriculture.

"There is opportunity to gradually draw in young people to engage and participate to help support in reducing unemployment levels. There are many growth prospects for young people in the agricultural sector and within the land reform context, especially where CPAs are well managed and functioning properly.

"According to studies conducted by Mordor Intelligence, the South African agriculture market is projected to register a compound annual growth rate of 4.2% during the period 2021 to 2026. The industry holds the key to food security both for the growing urban population and the global market.

"These are opportunities we should show to young people in the agricultural sector. We need a mindset shift, to ensure that we absorb unemployed youth in land reform projects. My own children are doctors and tradesmen; it's odd to get them involved as actively on land issues as they would in other things, and this has to change.

"As a CPA, we are mindful of the importance of not only having young people in the agricultural sector, but also having people who have the requisite skills and education to add value to the sector and transform the beneficiary land into productive land. So it remains important for young people to pursue some of these skills in order to contribute towards improving CPA communities," Letsoalo says.

"The Mamahlola CPA has to date managed to send some of its young people to universities where they have studied agricultural science and have set up youth development programmes to groom young people straight out of high school to study agriculture. In 2020, the Mamahlola CPA supported five young people who have studied various fields in agriculture, including one who went on to pursue a Master's degree.

"While we have a few youngsters managing our farms together with our partners, they are just a handful. We started with 15 young people, all of whom we sponsored and supported throughout high school.

"We need more young people participating in land reform projects; however, we also need to make sure that they have the right skills to take advantage of the opportunities that the sector has to offer," says Letsoalo.

Setou concludes that, "The land reform programme requires young people to avail themselves and take advantage of the opportunities that come with land ownership. Young people have to step up to the plate and contribute their skills and expertise to their communities to ensure that the beneficiary land is used as productively as possible. As we commemorate Youth Month, we need to promote and highlight the importance of land to young people and emphasise how land reform can be used as a catalyst that can drive socio-economic development."



## Upcoming Events And Exhibitions

### Africa Agri Tech 2021 (AAT)

15 – 17 March 2022

Pretoria

South Africa

### African Agri Investment Indaba (AAIL)

Tue, 16 - Thu, 18 Nov 2021

Cape Town

South Africa

### NAMPO Harvest Day

17 – 20 May 2022

Bothaville

South Africa

### The Cannabis Expo Durban

Thu, 26 - Sun, 29 Aug 2021

South Africa

11-14 Nov

Cape Town

### The Kenyan Food Event

9-11 September 2021

Nairobi,

Kenya

### House and Garden Show

24- 03 July 2022

Durban

### Propak West Africa

Tue, 14 Sep 2021 – Thu, 16 Sep 2021

Nigeria

### Propak East Africa

Tue, 18 May 2021 –

Thu, 20 May 2021

Kenya

# The African Agri Investment Indaba (AAIL)

The African Agri Investment Indaba (AAIL) is the global meeting place for agrifood investment in Africa. Bringing together over 700 key stakeholders – from governments, banks, financiers, investors, project owners, project developers, commercial farmers and the agro and food processing industry – to discuss trends that will likely influence food and agribusiness economics over the next decade in Africa.

Organised by the African Agri Council NPC (AAC) in partnership with African governments and government agencies, the Indaba delivers a unique mix of decision makers from across the agrifood value chain making it the most effective place to conduct business in the sector.

## SPONSORSHIP AND EXHIBITION OPPORTUNITIES

The African Agri Investment Indaba and Agri Trade Congress Africa are the industry's

MUST-ATTEND events, providing the ideal setting to develop relationships, explore ideas and expand into new markets. There are limited and exclusive sponsorship and exhibition opportunities available for organisations wishing to gain high visibility and reach to Africa's agri movers and shakers.

### African Agri Investment Indaba (AAIL)

When: Tue, 16 - Thu, 18 Nov 2021

Where: Cape Town





# IATF 2021 Dates rescheduled to 15-21 November 2021

**Cairo/Durban/Addis Ababa/Accra, 5 July 2021:** - The second Intra-African Trade Fair (IATF2021) has been rescheduled to take place in Durban, KwaZulu-Natal, South Africa from 15 to 21 November 2021. The Trade Fair was previously due to be held in Kigali, Rwanda from 8 to 14 December 2021.

The decision to move the Trade Fair to Durban was made by the Advisory Council of IATF2021 at its 10th meeting held virtually on 25 May 2021. This decision was arrived at after formal consultations with the Government of Rwanda, who indicated that logistical constraints related to the COVID-19 pandemic had adversely affected the progress of construction of a new facility to host the event.

Commenting on the decision, Chief Olusegun Obasanjo, IATF2021 Advisory Council Chairman and former President of the Federal Republic of Nigeria, commended the Government of Rwanda, Afreximbank, the AU, the AfCFTA Secretariat and all IATF stakeholders for showing great resilience in adapting to the uncertain environment arising from the COVID-19 pandemic situation.

"We have once again been able to shoulder the consequences of the COVID-19 pandemic, which is affecting all sectors worldwide and forcing Governments, corporates and individuals to take unprecedented measures to ensure public safety and keep economies running," said Chief Obasanjo.

"Relocating IATF2021 to Durban saves us time on the calendar and will enable African countries and corporates, as part of their recovery strategy, to take full advantage of the Trade Fair, which is also an important component of the implementation of the African Continental Free Trade Agreement under which trading commenced this year.

"Having undertaken a comprehensive assessment of the measures that are being taken by the AU and Afreximbank under the African Vaccine Acquisition Task Team (AVATT) as well as other initiatives to procure vaccines for the continent, we believe that a significant number of people would have been vaccinated by November and this will allow us to have a successful event. We will continue working with the Government of South Africa to ensure that all the COVID-19 measures are complied with during the Trade Fair as the safety of both residents and visitors is paramount.

"We congratulate the Government of the Republic of South Africa and KwaZulu-Natal Provincial Government and thank them for the swift efforts that are being made to ensure that IATF2021 safely accommodates the growing number of participating governments, exhibitors, buyers, conference delegates, and visitors that have confirmed their participation in the event," added Chief Obasanjo.

Welcoming the conference, Premier of KwaZulu-Natal Sihle Zikalala said: "As KwaZulu-Natal, we are honoured to host this important gathering of the world as we implement our own Economic Reconstruction, Recovery and Transformation Plan. Our approach is to carefully balance the protection of lives against promoting and sustaining livelihoods.

"Based on plans announced by our President Cyril Ramaphosa on rolling out the COVID-19 vaccination programme in South Africa, we will be ready in November to host our brothers and sisters in Durban for this Intra-African Trade Fair (IATF2021)," said Premier Zikalala.

"We look forward to welcoming the delegates to the Trade Fair. This gathering is one of the most significant strategic interventions to remind us of our interconnectedness, and of the urgent need to promote intra-Africa trade to reignite economic opportunities and create

much-needed jobs for all our people. In this regard we applaud the IATF2021 Advisory Council under the leadership of former President of the Federal Republic of Nigeria, Chief Olusegun Obasanjo for this bold decision as we soldier forward to a better Africa for all," added Premier Zikalala.

## About the Intra-African Trade Fair (IATF2021)

Organised by the African Export-Import Bank (Afreximbank) in collaboration with the African Union (AU) and the African Continental Free Trade Area (AfCFTA) Secretariat, the second Intra-African Trade Fair (IATF2021) will take place in Durban from 15 to 21 November 2021.

IATF2021 provides a platform to promote trade under the AfCFTA. It will bring together continental and global buyers and sellers, and will enable stakeholders to share trade, investment, and market information as well as trade finance and trade facilitation solutions designed to support intra-African trade and the economic integration of the continent. In addition to establishing business-to-business and business-to-government exchange platforms for business deals and advisory services, IATF2021 also operates IATF2021 Virtual, an interactive online platform that replicates the physical event. IATF2021 will focus on Africa's creative economy as well as the automotive industry with dedicated programmes. A conference will run alongside the exhibition and will feature high-profile speakers and panelists addressing topical issues relating to trade, trade finance, payments, trade facilitation, trade-enabling infrastructure, trade standards, industrialisation, regional value chains and investment.

**To register as a delegate or as an exhibitor for IATF2021 please visit: [www.intrafricantrade-fair.com](http://www.intrafricantrade-fair.com)**



**IATF<sup>®</sup> Intra-African Trade Fair 2021**

POWERED BY:     

**NEW DATE  
NEW DESTINATION**

**15 - 21 November 2021**

[intrafricantradefair.com](http://intrafricantradefair.com) Durban, KwaZulu-Natal, South Africa



# BMG works closely with farmers to minimise food shortages during Covid-19 and after the looting crisis

**A**fter the recent devastation in KwaZulu-Natal and Gauteng, BMG's agricultural specialists are working even more closely with the agricultural community to help curtail the shortage of fresh produce in South Africa.

"The BMG's agricultural team is well positioned to help farmers optimise food production and to alleviate the devastating effects of looting and warehousing destruction in parts of the country," explains Carlo Beukes, agricultural manager, BMG. "Farmers have been under pressure during the COVID-19 pandemic to increase food supply and are now facing greater challenges to boost the supply of desperately

needed fresh foods.

"Apart from the supply of engineering components to help during this crisis, our team, through BMG's Boer Slim/Smart Farming initiative, is focusing on offering farming sustainability solutions for effective food production and the correct use of equipment and efficient maintenance programmes.

"We are heartened to work with more and more local farmers who acknowledge that advanced equipment is necessary to optimise productivity and minimise downtime. Farmers understand that this investment translates into tangible operational efficiencies. They accept

that there is value in high quality equipment and replacement parts, rather than the use of outdated, 'cheap' and inferior components.

"BMG is committed to supplying quality guaranteed products that can replace worn-out OEM or old mechanical parts at a lower price than the original equipment product, with no compromise on quality. For example, BMG offers a good quality corn-picker chain at a lower price than the OEM part. All products supplied by BMG conform to all relevant international quality assurance and specification certifications.

"Our team is working around the clock to





support all key players in the agricultural sector, including local manufacturers of equipment and implements, as well as agricultural re-sellers and farmers. What's critical right now, is a total solutions service that encompasses the immediate availability of a comprehensive range of products throughout the country, which is enhanced by technical support."

BMG's high-quality replacement agricultural components are engineered to improve productivity in the farming sector and to operate efficiently for extended periods, with minimal maintenance requirements. Capital investment and operational costs in the long term are also reduced.



**NEW DATE  
NEW DESTINATION**

**15 - 21 November 2021**

[intrafricantradefair.com](http://intrafricantradefair.com)

**Durban, KwaZulu-Natal, South Africa**



# 6 Machines that Make Modern Farming More Productive



**F**arming is perhaps one of the world's oldest and most necessary trades, and up until recently, it has continued on with the same tools. Modern engineering along with tractors and new machinery has shifted the farming industry to one of efficiency and mass production. Farming is no longer a small scale production, but rather one that takes place with massive machines over thousands of hectares. This efficiency boost means that the world has access to any food it wants at any time. Let's take a look at 6 modern machines that dramatically increased the efficiency and production of farming operations across the globe.

## Automatic In Row Weeder



As farmers know, weeding is an essential part of

making sure you maintain a good crop. Letting your fields get overgrown can allow weeds and invasive species to choke out your cash crop and leave the farmer with pennies. Pesticides and weedicides are common, but many take issue with the possibly harmful chemicals hidden within. As a result, the Robocrop InRow Weeder was designed to quickly and effectively tear up weeds without worrying about hurting the original crops.

## Olive Harvester

If you didn't know, olives grow on trees, which also makes them incredibly hard to harvest. Up



until recently, the small oily fruit was picked by hand in a painstaking process by many workers. Now, farmers use an olive harvesting machine which shakes the tree, releasing the olives, and collecting them in one centralized location.

## Automatic Cow Milking Machine



Cows are the most abundantly used livestock on the planet, from meat to milk, cow products help make the world go round. For large-scale milking operations, it simply isn't feasible to

have hundreds of workers milking cows from morning until night. Even still, having workers attach automatic pumps to the utters is still in need of efficiency improvements. For this reason, this automated cow milking machine was invented which takes humans completely out of the process.

## Small-scale Potato Harvester



Potatoes are root vegetables, which means that harvesting them requires a lot of digging. The machine above tills the dirt around the potatoes and brings them up out of the ground. Even though the video depicts a small-scale machine, the same technology is used in tractor-towed rigs to harvest potatoes at an even greater scale.

## Robotic Lettuce Harvester



Whether you knew it or not, lettuce is a very hard leafy green to harvest, and it often required hundreds of workers spending their days bending over and standing up. This repetitive motion opened up the industry to a wide array of back problems, and the farmers saw that something needed to be done. The above video gives an inside look into the lettuce harvesting industry and how, in this case, automation is actually creating better jobs.

## Carrot Harvester and Separator

As we mentioned with potatoes, root vegetables are notoriously hard to harvest, and carrots are no different. The tow-behind carrot harvesting machine above is perhaps the most mesmerizing of machines we have listed here, and its scale is just astounding. Think about the same process being done by hundreds of workers digging up carrots. Only then can the

increase in efficiency in this process truly be grasped.

These machines are only a touch into the variety of high-efficiency farming machines. The biggest fear with this scale of automation is a loss in jobs, creating an economy that is poised on skilled labor. While these innovations are amazing, the world will have to face the problem of skyrocketing unemployment in the future as automation like seen in the farming industry hits the rest of the workforce.





# Agriculture Private Sector Players Call for Collaboration to Boost African Food Systems

Margaret Njugunah

**N**airobi — Agriculture stakeholders in Africa have urged governments on the continent to work with the private sector to build resilient food systems to bridge the widening gap in production.

Speaking during the Alliance for a Green Revolution in Africa (AGRA) organized Africa Green Revolution Forum (AGRF) Summit last week, speakers reiterated that food security cannot be achieved without a government facilitated enabling environment for agribusiness to thrive.

The summit was held ahead AGRF, slated for September in Nairobi, where leaders, while celebrating the milestones the agriculture sector has made over the years, called on enhanced collaboration in transforming the continent's food systems amid rising concerns over global food shortages owing to increasing population, shrinking land and climate change.

"As we look at innovative ways of producing food to feed our people, assist our farmers and bolster agribusinesses, we must explore ways of working together to actualize this commitment. The partnership between government and the private sector in Kenya has been commendable. The government has been particularly aggressive in improving infrastructure which has opened up markets for private sector to do business while opening the country to regional trade," said Bimal Kantaria, Elgon Kenya CEO and Chairman of Agriculture Sector Network, ASNET, during the launch ceremony.

Themed Pathways to Recovery and Resilient Food Systems, this year's AGRF will focus on new commitments to the future of African food systems and highlight how resilience will be built out of leadership at all levels.

It will bring together 500 guests, including governments, private sector, youth, women

leaders and farmer organization on September 6-10 and will be opened by President Uhuru Kenyatta. The virtual forum will be joined by over 10,000 delegates from more than 150 countries.

"The summit is timely, coming at time when Africa's food systems require a rethink in terms of policies, food production processes and innovations that ensure that we are leaving no one behind. Alliance for a Green Revolution is doing a great job in bridging the gap between different players by bringing them together," added Mr. Kantaria.

Co-organized with the Government of Kenya, with the support of 26 partner institutions, this year's Summit comes at a pivotal time when global voices convene under the Food Systems Summit (UNFSS) to shift the conversation on how food is produced and consumed and the role it plays to support the Sustainable Development Goals (SDGs)

The Summit will also have a special focus on the role of women and youth in transforming Africa's food systems with various issues faced by these groups expected to dominate the discussions at the First Ladies Forum and the Youth Hall respectively.

"Now more than ever we must prioritise inclusive agricultural transformation. We must work collaboratively to ensure that policy, technology and finances respond to the needs of our farmers. This is critical to achieve zero hunger

across the continent and around the globe," The former Prime Minister of Ethiopia and AGRF Board Chair, Hailemariam Dessalegn

As part of its contribution to the UNFSS, the AGRF 2021 Summit aims to elevate the single, coordinated African voice, by identifying immediate actions and steps to be taken to accelerate progress towards the development of resilient food systems.

"We must change the way we approach and prioritize food systems on the continent. We can no longer limit food systems to the farm. Our approach must reflect the complexity and importance of food systems and value of collaboration, as governments, the private sector, development partners and consumers, to deliver more inclusive and resilient food systems on the continent," said Kenya's Minister for Agriculture, Livestock, Fisheries and Cooperatives.





tives, Hon. Peter Munya in a speech read on his behalf by Chief Administrative Secretary Anne Nyaga.

The AGRF 2021 Summit will provide a platform for all stakeholders to align on the actions and commitments needed to build resilient food

systems which end hunger and support the delivery of the sustainable development goals.

Some of the key highlights at this year's AGRF 2021 Summit will include the Agribusiness Deal Room, a platform connecting entrepre-

neurs and governments with investors. This year the deal room is aiming to showcase a pipeline of USD 5 billion of investment opportunities across Africa. The Summit will also feature the Africa Food Prize, a Presidential Summit, and a Ministerial Roundtable.



# Mozambique - African Development Bank and Italian Technical Cooperation Fund Extend €990,000 Grant to Boost Agricultural Value Chains

**T**he African Development Bank, with financing from the Italian Technical Cooperation Fund, has provided a €990,000 grant to help smaller agro-processing enterprises boost production and quality control.

The project will enable the businesses to better tap into national and regional markets and capitalize on the opportunities created by the African Continental Free Trade Area. The Confederation of Business Associations of Mozambique is the implementing agency.

"We are pleased to receive this grant from the African Development Bank and the Italian Technical Cooperation Fund, which will benefit about 300 agro-processing and agribusiness Small and Medium-sized Enterprises (SME) associations in Mozambique, particularly youth and women-led SMEs operating along the development corridors of Nacala-Beira-Pemba-Lichinga," said Dr. Agostinho Vuma, President of the Confederation of Business Associations of Mozambique, at the ceremony to hand over the grant funding.

"The grant is apt to further step up the intense bilateral relations in the agriculture area built through the many projects financed by the Italian cooperation and that it can act as a catalyst to extend it to the private sector where it exists a huge and largely untapped potential," underlined the Italian Ambassador Dr. Gianni Bardini.

African Development Bank country manager Dr. Pietro Toigo noted that the grant would provide critical support to Mozambique, especially amid the socioeconomic challenges posed by the Covid-19 pandemic. "We are pleased to partner with the CTA and the Government of Italy to support Mozambican SMEs recover from the COVID pandemic and scale

up their competitiveness, as part of the African Development Bank's commitment to help Industrialise Africa and Mozambique," he said.

The project supports the goals of Mozambique's Country Strategy Paper (2018-2022), which focuses on two strategic pillars: infrastructure investments that enable transformative inclusive growth and job creation, and agricultural transformation and value chain development.

The Minister of Industry and Trade, Dr. Carlos Alberto Fortes Mesquita, highlighted the importance of such initiatives and their catalytic role in promoting Mozambique's agriculture modernization and the industrialization of critical sectors of the economy.

Recently the Bank approved a \$1 million grant to boost local content and the development of initiatives of small and medium enterprises.







# Zambia getting grain requests from neighbours after bumper harvest

**S**outhern African nation can export surplus food stock to neighbours in Great Lakes region, says traders association

Zambia has started receiving grain and maize-meal requests from its neighbours in the Great Lakes region after it reported a historic bumper harvest this month.

Burundi and the Democratic Republic of Congo (DRC) are among the leading countries requesting for grain, Zambia's grain traders association revealed Sunday.

An official in the capital Lusaka said the move was an opportunity for the country to boost foreign reserves which are currently at around US \$1.3billion.

The Southern African nation's Agriculture Ministry reported at the beginning of May the country would produce 3.62 million tons of grain in the 2020-2021 farming season.

This was 7% higher than the 3.38 million tons recorded the year before and this was attribut-

ed to good rains and the adoption of good farming practices by farmers.

With carryover stocks of 840,944 tons of maize from the previous harvest, Zambia anticipates a surplus of 1.52 million tons.

The surplus grain stock is open for export mostly to countries in Southern African Development Community (SADC) and the Great Lakes region under both public and private contracts.



# Mozambique: *No Need for Cotton Subsidy This Year*



**T**he Mozambican government announced on Thursday that it will no longer subsidise the price of raw cotton, paid to the producers.

This reverses the policy for the 2020 cotton campaign when the government invested 240 million meticaïs (about four million US dollars, at current exchange rates) to maintain a minimum price of 25 meticaïs per kilo.

Speaking at Netia, in Monapo district, in the northern province of Nampula, Agriculture Minister Celso Correia said the subsidy was no longer necessary because the cotton companies themselves have guaranteed that they will pay the 25 meticaïs a kilo minimum price during the current campaign.

"This year, because of the good performance, no price subsidy by the government will be necessary", said the Minister.

He congratulated the representatives of the companies and of the cotton farmers for the consensus reached in the negotiations over this season's minimum prices, mediated by the government.

The farmers, through the National Forum of Cotton Producers (FONPA), had proposed maintaining the 25 meticaïs a kilo minimum price. The companies, organised in the Mozambican Cotton Association, wanted to reduce the price to 24.5 meticaïs a kilo, but government mediation led them to drop this proposal.

Correia argued that it was because of the government subsidy in 2020 that annual cotton production rose from 30,000 to 52,000 tonnes, an increase of over 73 per cent. This, the Minister added, guaranteed an income to 150,000 peasant families.

This success led to a near doubling of exports of cotton fibre, from 20 million to about 38 million dollars a year. The state expects revenue from cotton this year of 70 million meticaïs, compared with 21 million achieved in 2020.

"Our commitment, as a government, is to continue stimulating the growth of this sector", said Correia. He was optimistic that the minimum price would remain stable next year too, "protected against eventual exchange or market shocks".



# Africa promotion



# African nations urged to embrace inclusive agriculture

**A**frican nations have been urged to build an inclusive and transformative agricultural sector to boost food security and nutrition amid the COVID-19 pandemic and climate change challenges.

Hailemariam Desalegn, chairman of the Alliance for Green Revolution in Africa (AGRA), said on Wednesday that the COVID-19 pandemic has made it urgent to promote inclusive agriculture that brings every country in the continent and citizens on board.

"In the context of COVID pandemic and climat-

ic challenges, Africa must work with its youth, women, men, children and political leaders to change its food system," he said at a virtual event during the launch of this year's AGRF Summit to be held from September 6 to 10 in Nairobi.

The AGRF will provide opportunities for Kenya and other African countries to showcase how agriculture can accelerate prosperity.

The former Ethiopian prime minister noted that there is still a lot that needs to be covered in terms of fixing Africa's food systems, which are

broken.

"We are producing more food but many Africans still face food insecurity due to post-harvest losses and wastage," he said.

He called on Africa's heads of state to make a presidential commitment to boost agricultural production.

Peter Munya, Kenya's cabinet secretary of Ministry of Agriculture, said Africa must embrace agricultural technology and finance the sector to increase food production.



**PLASTICA ALFA**  
INNOVATION & WATER TECHNOLOGIES  
since 1983

**PLUS FITTINGS**

**COMPRESSION FITTINGS, BALL VALVES  
VENTURI INJECTORS, SAND SEPARATORS**

**For over 35 years reliable  
products for your  
new generation  
irrigation systems.**

**ALFA TURBO**

**VALVE evolution**

[www.plasticaalfa.it](http://www.plasticaalfa.it)

Zona Industriale  
C.da S. Maria Poggiarelli  
95041 CALTAGIRONE (CT) Italy  
comunicazione@plasticaalfa.it - exportdpt@plasticaalfa.it

# First Ivorian-based innovation wins the Africa Prize for Engineering Innovation



**C**hemical Engineer Noël N'guessan has won the Royal Academy of Engineering's 2021 Africa Prize for Engineering Innovation with a biowaste equipment innovation for smallholder farmers in West Africa to efficiently manage and generate income from biowaste. N'guessan is the second Ivorian to win the Africa Prize, and the first to win with an Ivorian-based innovation.

N'guessan and his team designed and patented Kubeko to assist smallholder farmers and their cooperatives to generate more income from the by-products of their harvests, without any additional labour. Kubeko is a set of low-cost biowaste processing equipment; its composter and biodigester are both specifically designed to ferment agricultural post-harvest by-products into solid and liquid compost, and cooking gas.

"Biowaste represents two to five times the quantity of crops or produce sold, amounting to 30 million tonnes of waste disposed of an-

nually in Côte d'Ivoire," said N'guessan. "By repurposing this waste, Kubeko can help Ivorians generate extra income, dramatically improving the lives of thousands of farmers and their families."

N'guessan wins the first prize of £25,000 (19 058 427,00 West African CFA). At the virtual awards ceremony held on 8 July 2021, four finalists delivered presentations, before Africa Prize judges and a live audience voted for the most promising engineering innovation.

"We really appreciated the professionalism of the APEI, adding value to our businesses. It was hard work, and share this Award with our entire team," said N'guessan.

The Africa Prize for Engineering Innovation, founded by the UK's Royal Academy of Engineering in 2014, is Africa's biggest prize dedicated to engineering innovation, and has a proven track record of identifying successful engineering entrepreneurs. Now in its seventh

year, it supports talented sub-Saharan African entrepreneurs with engineering innovations that address crucial problems in their communities in a new and appropriate way.

Since being shortlisted for the Africa Prize, the Kubeko team has made progress in reducing its production costs from US\$800 to US\$700, making their products affordable. The team has installed two biodigesters running on cassava farms, with 50 composters installed to date on cocoa, palm oil and mango farms. Kubeko has also been commissioned by the Ministry of the Environment and Sustainable Development in Côte d'Ivoire to train stakeholders on the use of Kubeko, as part of the department's national composting and biowaste strategy.

"We were very impressed with the Kubeko solution which has huge potential to impact many lives of farmers in West Africa," said Africa Prize Judge Ibilola Amao. "We believe Kubeko will contribute greatly to sustainable energy and farming in the region."



Sixteen shortlisted Africa Prize entrepreneurs from eight countries in sub-Saharan Africa received eight months of training and mentoring - conducted virtually due to the Covid-19 pandemic - during which they developed their business plans and learned to market their innovations. The group received coaching on communicating effectively, focusing on customers and approaching investors with confidence.

The Africa Prize also exposes and connects the shortlist to individuals and networks in the UK and across Africa who can accelerate their business and technology development - from fellow entrepreneurs and mentors to potential investors and suppliers.

The three runners up, who each receive £10,000, are:

- BlueAvo, Indira Tsengiwe from South Africa - a digital platform on which African creatives can collaborate and sell services as an agency-alternative that is rich in diversity, and places African creatives at the world's fingertips/
- Make3D Medical, Juka Fatou Darboe from The Gambia - uses 3D printing to create customised orthopaedic equipment for medical institutions and their patients.
- Social Lender, Faith Adesemowo from Nigeria - a financial services solution that uses social reputation scoring to provide credit scores to those who would otherwise not qualify for formal financial services/

In addition to the main prizes awarded, the remaining 12 innovators from the 2021 shortlist pitched their innovations to a live audience who voted for the pitch that showed the most promise and potential for impact. Yusuf Bilesanmi was selected as the inaugural winner of the Africa Prize's One-to-Watch Award of £5,000. This Award recognises the potential of Bilesanmi's innovation, ShiVent, a low-cost, non-electric and non-invasive ventilator for patients with respiratory difficulties.

"ShiVent does not require electricity, is easy to install, non-invasive and oxygen efficient, and our belief is that it can help save lives when more expensive or oxygen-intensive technologies can't get to patients," said Bilesanmi.

To date, the 101 Africa Prize alumni businesses have raised more than 14 million USD in grants and equity and created more than 1,500 new jobs, with over 50% of these going to women and a significant proportion to disabled people and youth.

The eighth Africa Prize for Engineering Innovation is now open. Individuals and small teams living and working in sub-Saharan Africa, and who have an engineering innovation, are invited to enter. Potential entrants can find more information here. The deadline for entries is 20 July 2021.

The other 12 candidates shortlisted for the Africa

Prize 2021 were:

- Aevhas, Jacob Azundah from Nigeria - a high-efficiency machine used to process cassava roots into the West African diet staple, garri.
- Biopackaging, Armelle Sidje from Cameroon - a sustainable manufacturing process that transforms banana and plantain stems to biodegradable paper packaging products.
- CodeLn, Elohor Thomas from Nigeria - an automated tech recruitment platform that supports software engineering recruitment by connecting companies with talented people in the field and helps test their coding abilities.
- Dissolv Bioplastic, Tshepo Mangoele from South Africa - a bioplastic made from plant waste material, which is compostable and dissolves in water at pre-determined rates.
- I3S, Marie Ndieguene from Senegal - a sustainably made and affordable storage space solution made from diverted landfill waste, designed to solve the problem of post-harvest loss in agriculture.
- Jumeni Field Service Software, Eyram Amedzor from Ghana - software that assists service-based businesses by providing a three-part cloud-based application to help increase the productivity of their field teams.
- Mkono-1, Dr Atish Shah from Tanzania - a locally 3D-printed prosthetic hand that provides an affordable solution for people living with upper limb amputations.
- Orbit Health, Pazon Cherinet from Ethiopia - a digital health platform that manages and stores patient data and dispenses medication, allowing for seamless continuity of care.
- Reeddi, Olugbenga Olufemi Olubanjo from Nigeria - an energy system used to provide clean, reliable and affordable electricity to households and businesses operating in energy-poor communities.
- RealDrip, Taofeek Olalekan from Nigeria - an intravenous therapy solution combining the Internet of Things and AI to monitor dosages, flow rates and intake time.
- ShiVent, Yusuf Bilesanmi from Nigeria - a low-cost, non-electric and non-invasive ventilator for patients with respiratory difficulties.
- SuaCode.ai, George Boateng from

Ghana - a smartphone application that uses artificial intelligence to teach coding remotely.

#### 1. About the Africa Prize for Engineering Innovation

The Africa Prize for Engineering Innovation, founded by the Royal Academy of Engineering in 2014, is Africa's biggest prize dedicated to developing African innovators, and assisting them to maximise their impact. It awards crucial commercialisation support to ambitious African innovators developing scalable engineering solutions to address local challenges, demonstrating the importance of engineering as an enabler of improved quality of life and economic development.

An eight-month period of tailored training and mentoring culminates in a showcase event where a winner is selected to receive £25,000, along with three runners-up who are each awarded £10,000. The 12 remaining shortlisted candidates also compete for the public's vote for the One-to-Watch award of £5,000.

The 2021 Africa Prize is generously supported by the UK Government's Global Challenges Research Fund and The Shell Centenary Scholarship Fund. Further information can be found here:

- The Shell Centenary Scholarship Fund
- Global Challenges Research Fund

#### 2. About the Royal Academy of Engineering

The Royal Academy of Engineering is harnessing the power of engineering to build a sustainable society and an inclusive economy that works for everyone.

In collaboration with our Fellows and partners, we're growing talent and developing skills for the future, driving innovation and building global partnerships, and influencing policy and engaging the public.

Together we're working to tackle the greatest challenges of our age.

Further information can be found here: [www.raeng.org.uk](http://www.raeng.org.uk)

For media queries and interview requests, please contact:

#### Africa

Anzet du Plessis, Proof Africa on behalf of the Royal Academy of Engineering

[anzet@proofafrica.co.za](mailto:anzet@proofafrica.co.za) / [ben@proofafrica.co.za](mailto:ben@proofafrica.co.za)

+27 83 557 2322 / +27 64 742 0880

#### UK and International

Rachel Ng, April Six on behalf of the Royal Academy of Engineering

[africaprice@aprilsix.com](mailto:africaprice@aprilsix.com)

+44 7485 317 148

# How smart technologies contribute to happy cows and sustainable dairy farming



**F**aced with tighter margins and the growing demand for milk products globally, today's dairy industry is trending towards farms with larger, high performance herds. This means not only more complex operations, but also increased scrutiny on a wide range of environmental and socio-cultural issues: challenging with manure waste and its impact on soil, water and air quality, concerns about greenhouse gas emissions, or concerns about the use of antibiotics, to name a few. For farm managers, it's not just low milk prices and high feed costs causing headaches. Today's landscape is challenging on a whole new level, demanding new skills along with new levels of efficiency. To meet the challenge – to manage the complexity, keep their operations profitable, and fulfill the growing list of requirements and demands – farmers are turning to smart technologies for help. And it's making a difference.

## Smart farming – the new normal

Dr. Beate Maassen-Francke is Product Manager Farm Management Software at GEA, being a global leader in the dairy industry technology and an early mover in smart dairy farming solutions. With over 22 years of experience in the industry, she's been there to see smart dairy farming take root. "I remember the feeding computer Codatron 80, one of the first 'smart' farming solutions back in the 90s," she recalls. Today, according to a recent German Bitkom study almost 1 in 2 farms in Germany for example are using intelligent feeding systems and almost as many are using agricultural apps for smartphones or tablets. 21% of dairy farms in Germany already use milking robots, with demand growing around the world.

And according to the latest study from Dutch ABN AMRO bank, the worldwide market for agricultural robots can double in size in 5 years' time. "Optimal herd management on the farm has now become one of the most important success factors for modern and sustainable livestock farming," says Maassen-Francke. And more and more often today, optimal herd management means relying on smart technologies: sensors, robots, digital tools and software.

## Better work for farmers

Effective time management is a critical success factor for today's dairy farmers. "To get through their to-do list for the day, herd managers absolutely need to be more time-independent," says Maassen-Francke. "They need to be informed in real time on where and when to intervene." Combining sensors and software with mobile devices allows farmers the flexibility of not having to be in the barn or in front of the PC around the clock. Moreover, mobile devices allow all employees across the farm to stay up to date and to coordinate more effectively.

The increasingly IT-based nature of work on the farm may be benefitting the industry in other ways, too. Dr. Ute Müller from the University of Bonn's Institute of Animal Sciences sees smart technologies making agriculture attractive again to younger people. "It has been difficult to recruit talent in rural regions because of associations with herd management as strenuous and generally outdated method of work. But this is fortunately changing," she says. "In my daily work with my students, I see them getting excited about combining their practical and scientific knowledge with the power of IT to manage the complexity of modern-day

dairy operations. This is an important element that we shouldn't underestimate in terms of the long-term sustainability of agriculture and its required industry itself."

## Better health for cows

The "big data" generated by today's dairy farms is also improving animal health. With GEA's CowScout system, on the market since 2012, it is possible to track each cow's activity data, such as lying and eating times for example. With its heat detection feature, the CowScout also provides data on optimum time for insemination. The CowScout sensors continuously measure the cow's behavior – 24/7 every day in the year – CowScout generates an alert if the cow's behavior deviates from her usual activity patterns, comparing her behavior to the previous weeks rolling average. A new optional positioning function allows for faster locating of cows and thus immediate action.

Another example is GEA's DairyMilk M6850 cell count sensor, which uses patented sensor-based technology to measure somatic cell count classes in milk for earlier detection of mastitis. By analyzing milk at each udder quarter individually, the sensor gives farmers a new level of early detection capability to protect the health of their herds. "Real-time data and analysis allow managers and veterinarians to intervene earlier with targeted action so cows can recover quicker from illness and require less antibiotics," says Maassen-Francke.

Also GEA's feeding systems support farmers in their feed management and feeding strategy, which plays a very important role for high-performance cows. With DairyNet, a precised



control and programming of feeding stations in the barn and in the milking robot including group management, different rations, feeding ingredients etc. is possible. The herd management software can show at a glance, where to improve the feeding strategy which affects not only the better health of the herd but also the farm's feed costs. This precision feeding conserves the resources in many respects.

### Making data smart

Especially on large farms, using sensor technologies with 24/7 monitoring capability generates huge amounts of data. As in any other industry today, a system is only "smart" if it can manage the flood of data effectively. That's where the software comes in. So what is the key to good herd and farm management software?

"It's important to understand that farm managers don't want to see data, they want to see information," says Maassen-Francke, who recently oversaw the launch of GEA's new DairyNet herd and farm management software in Germany. "They want to see where they can improve processes and strategies, where they can improve animal welfare, where they can save on resources and costs; they want to see the key figures at a glance, customized to their needs." Developed and tested together with international dairy producers, DairyNet features a user-friendly interface with graphics and diagrams depicted visually and tailored to the individual needs of the farm.

While sensors, smartphones and software are opening up all manner of new possibilities, they also increase a farm's dependence on fast, robust connectivity. "This is a potential limiting factor, because especially in rural areas all over the world, network coverage – with the kind of security and transmission rates required by smart farms – is not yet complete in most of the cases," says Maassen-Francke. GEA's answer is DairyNet Box, essentially a local server that allows the DairyNet system to be installed locally to secure operating processes and ensure fast response times on site.

Ultimately, the job of a good herd management software is to empower dairy farmers take full advantage of the opportunities this digital transformation has to offer." – Dr. Beate Maassen-Francke, Product manager Farm Management Software at GEA

### Changing the game

Smart technologies are not just making familiar processes easier, faster and more efficient, they're also opening the door to brand new

territory. To explore this potential, GEA takes part in critical dairy research with governments and world-renowned institutes, engaging with students and entrepreneurs to mine next-generation solutions. GEA's AutoDry project offers an example of the milking technology industry joining forces with agricultural scientists to rethink the use of antibiotics.

Initiated in 2015 as a joint project between GEA and the University of Bonn, AutoDry set out to change the way cows are milked in their last phase of lactation before the dry period, which is 6-8 weeks before the expected calving date. Conventionally, cows are often administered an antibiotic treatment at the start of the dry period because the abrupt cessation of milking increases udder pressure and the risk of mastitis infections. The goal of AutoDry was to develop a software that gradually reduce udder emptying, i.e. milk yield, in the period before dry off to avoid abrupt cessation.

Based on research conducted at the University of Bonn's Campus Frankenforst test farm, GEA succeeded in developing milking control software that helps to remove the milking cluster earlier and earlier in the last days before drying off. "This provides an automated way to 'wean' the cow down to a significantly lower daily milk yield and initiate involution, the regression of the mammary gland tissue, before the actual dry period starts," says Müller, who led the University of Bonn research team for this project.

The software, which monitors absolute milk quantity rather than milk flow rate, is the first software of its kind that allows farmers to automate the initiation of involution. "Currently we are testing the software on larger farms to see how the changed milking control affects the routine work of drying off the cows," says Beate Maassen-Francke. "This includes multiple optimization tests with other research partners before the patented software is ready for market."

The results of the research farms so

far show promise. "The software achieved an effective reduction in the milk yield of the cows before drying off. No cases of mastitis were recorded, and the average cell count was well below the limit," says Müller. "So not only is the automated reduction gentler on the cow, but drying off can be done without antibiotics."

I believe this new milking control software will initiate a rethink in dairy farming." – Dr. Ute Müller, Institute of Animal Sciences, University of Bonn

### Health, happiness ... and sustainability

Whether they're shaking up the industry or making age-old processes faster and more efficient, smart technologies are empowering dairy farmers to rise to the many challenges they face today – helping them stay profitable, attract young talent, ensure herd health, reduce resource consumption, waste and even GHG emissions. "We're seeing these technologies make a difference because, most importantly, they're enhancing the farmer experience and improving animal health and happiness, which is really the foundation for an efficient, cost-effective dairy business," says Maassen-Francke. "It's also the foundation for a sustainable dairy business. As an example, scientists in Switzerland recently found out, that cows produce less methane as they get older. So if we can keep them healthy and productive longer, we're not only conserving the farm's living resources, farms can improve their climate footprint as well."

## One machine - countless materials.



**BEST FORAGE QUALITY** through bale silage

**COST EFFICIENT & EASY TRANSPORT**

**MASSIVELY INCREASE MILK & MEAT YIELD**



- Hemp Silage
- Corn Silage
- ...



### Baler-Wrapper Combination

LT-Master & VARIO-Master

- Variable Bale Sizes (Diameter: 0,6 m - 1,4 m)
- Maximum Bale Density
- Many different Materials: Hemp • Corn Silage CCM • Alfalfa • Grass  
Sugar Beet Pulp • TMR (Total Mixed Ration) • Whole Crop Silage • And much more

Your Contact: Pierre Payré  
E-Mail: sales@goeweil.com  
Tel.: +43 7215 2131 46  
www.goeweil.com

**GcWEIL**



# The world's easiest cable gland to fit



***"The adjustability of the gland makes it 'the world's easiest to fit'" – Eldon Kruger***



A cable gland performs two basic functions, namely fastening the cable to the apparatus so that it cannot pull out and also earthing the cable armouring to which it is connected. Cable termination manufacturer Pratley produces a uniquely adjustable cable gland for SWA cable that fits any size armouring. The adjustability of the gland makes it "the world's easiest to fit," asserts Marketing Director Eldon Kruger.

Unique to the gland is an ingenious differential nut device to ensure unprecedented clamping force for aggressive armour anchoring. Using two lightly different coarse pitch threads, it achieves the mechanical advantage of an ultra-fine pitch thread. The armour is sufficiently gripped when the gland is only hand tightened. "This can be compared to the gearbox of a truck that is going uphill in first gear. It's like having a gearbox in a cable gland," explains Kruger. The differential nut is also self-locking, which means that the gland is locked in the adjusted position, even under extreme vibration.

The loose cone allows for clear visibility of exactly how the cone is fitted under the armouring. This is normally not achievable with fixed-cone bushes on ordinary cable glands. Occasionally with an ordinary cable gland, where one cannot see what is happening with the cone, a wire strand of the armouring can get caught under the cone. When the gland is tightened, this wire may penetrate the bedding and come into contact with a conductor. "This is no longer an issue with the Pratley cable gland," highlights Kruger.

The cone bush is made from high-tensile brass, meaning the gland can be tightened as much as is required without crushing or distorting the cone. Ensuring the gland is as tight as

possible is critical for a good grip and proper earthing over a long period. The fact that the cone is loose also makes it 'self-centring', meaning an even and uniform grip all the way round the armouring. Ordinary cable glands usually screw in eccentrically, with the grip on one side of the armouring being tighter than on the other. However, the loose cone in the Pratley Adjustable Cable Gland will not turn and distort the armouring.

Adjustability is very important, especially when fitting large cables. When fitting a gland, the cone pushes the armouring out, while simultaneously trying to get the threads of the two parts of the gland to mate. Such an operation can be frustrating when using ordinary cable glands, especially on heavier cables where the armouring is thick and difficult to work with.

With the Pratley Adjustable Cable Gland, simply turn back the nipple so that it does not press on the cone, get the threads on the cone and differential nut to mate and then screw in the nipple. By varying this adjustment, the gland is fitted correctly and fitted far quicker than a conventional cable gland, thus saving on installation time and cost.

Each gland size covers a range of cable sizes, while the thickness of the armouring also varies. On an ordinary cable gland, the only place to make up for these changes is in the thread. When the maximum size of cable that will go into a given gland is reached, one section of the gland clings to the other by only a thread or two when it is tightened up. This does not happen with the Pratley Adjustable Cable Gland, as the same number of threads are always mated.

Each Pratley Adjustable Cable gland size fits

two knock-out hole sizes, namely 20 mm and 25 mm. While the nipple will pass through the 20 mm knock-out, the spigot will also fit a 25 mm hole. This is important because when fitting an ordinary 20 mm gland to a 25 mm hole, the gland tends to shift to one side and very often a corner of the lock nut slips into the hole. The worker fitting the gland becomes impatient, decides that the gland is tight enough and thereby compromises the earth continuity and causes a safety issue. A Pratley Adjustable Cable Gland, on the other hand, always pulls up nice and evenly.

The Pratley Adjustable Cable Gland is also nickel-plated to reduce bimetal corrosion. The shroud is made from a unique, specially formulated synthetic rubber to render the gland watertight. It will also resist acids and oils and will be unaffected by sunlight and UV radiation. Moreover, it fits snugly into the groove provided for it on the gland. Unlike conventional glands, the shroud covers the whole gland, meaning that when it is fitted, the only exposed part is this portion of the nut.

## Quick Fact

*A cable gland fastens the cable to the apparatus so that it cannot pull out and also earths the cable armouring to which it is connected.*





Premium Agriculture News In Real Time

visit our online Directory on:  
**[www.agrifocusafrica.com/business-directory](http://www.agrifocusafrica.com/business-directory)**



**Head Office**

5 The Ferns, 364 Pretoria Avenue Randburg, 2194  
Mail: [Info@lothbrokmedia.com](mailto:Info@lothbrokmedia.com)  
[info@agrifocusafrica.com](mailto:info@agrifocusafrica.com)  
Tell: +27 68 081 6116 | [www.agrifocusafrica.com](http://www.agrifocusafrica.com)

**Zambia**

33 Malata Road, Madras, Lusaka,  
Zambia 3928  
Email Info: [Info@agrifocusafrica.com](mailto:Info@agrifocusafrica.com)  
Website: [www.agrifocusafrica.com](http://www.agrifocusafrica.com)





## Algeria

### Compagnie Algerienne de Services

et d'Equipements Agricole  
5 Rue Kanoun Idir Koubla Alger  
Tel: +213 2177  
4316/233969/774299  
Fax: +213 2177 4316  
E-mail: casealgerie07@yahoo.fr

### IBC

Lotissement A Villa N°20  
Baba Hassen Alger, 16081  
Tel: +213 21 300208  
Fax: +213 21 308366  
Web: www.ibc-algerie.com  
E-mail: sbelhocine@ibc-algerie.com

### MAG

Z.I. Ouled Yaich Blida, Blida  
Tel: +213 2 5438051  
E-mail: f.soltani@yahoo.fr

**SARL Agro Industrie**  
Zone Industrielle  
Desserte N. 03 Chetouane  
Tel: +213 43 276050  
Fax: +213 43 274344  
Web: www.groupekherbouche.com  
E-mail: info@groupekherbouche.com

### SARL Mecafa Algerie

01 A Jardin Public Centre  
Rouiba Alger 16012  
Tel: +213 218 51678  
Fax: +213 218 56641  
E-mail: mec\_alg@hotmail.fr

### SARL SANG & SEVE

Lot 212 No. 183  
Ain Smara Constantine 25140  
Tel: +213 31 974010/974000  
Fax: +213 31 974474  
E-mail: sang.seve@yahoo.fr

## Angola

### Agrozootec Lda

Rua Amilcar Cabral 107 R/C  
Ingombota  
Luanda  
Tel: +244 92 8954831/  
933054141  
E-mail: jose.alexandre.silva@argozootec-lda.com  
jose.possidonio@argozootec-lda.com

### C. Woermann GmbH and Co.

Caixa Postal 3419  
Bairro Petrangol  
Estrada de Cacuaco km 4.5  
Luanda, D-20457  
Tel: +244 22 7270185  
Web: www.c-woermann.de/pt/

### angola

E-mail: info@woermann-angola.com

### Centrocar SA

Luanda, Bom Jesus  
Estrada Viana - Catete, km 40  
Bengo  
Tel: +244 914043166  
Fax: +244 22 749929  
Web: www.centrocar.com/ao/  
E-mail: angola@centrocar.com

### Imporáfrica - Soc. Com. E Ind. Lda.

Rua Alameda Manuel Van-Dunen  
Ruq Ho-Chi Min No. 418 R/C  
Edifício do Centro Commercial  
"Chamavo", Luanda  
Tel: +244 222 311831  
Fax: +244 222 310105  
E-mail: zayob@imporafica.com

### LonAgro

Lonagro, Rua Rainha Ginga  
No 74, 13th Floor, Luanda  
Tel: +244 938 489328  
E-mail: mario.ferreira@lonagro.com

### Sheba Comercio and Industria Limitada

Rua Ho Chi Min No. 19 Luanda  
Tel: +244 22 2446676  
Fax: +244 22 2446672

### SUL ENGENHARIA

Rua Rainha Ginga  
74 - 13º andar Luanda  
Tel: +244 222 372029/36  
Fax: +244 222 332340  
Website: www.sul-engenharia.com  
Email: info@sul-engenharia.com

## Benin

### Alvan Blanch Nigeria

PO Box 8348  
52b Akhionbare Avenue  
Benin City  
Tel: +234 80 35860631  
Fax: +234 52 258846  
Web: www.alvanblanch.co.uk  
E-mail: nathilolo@alvanblanch.net

### Camin Auto

PK4 Akpakpa Zone Industrielle  
Route de Porto-Novo  
PO Box 2636 RP  
Cotonou  
Tel: +229 331256/5  
Fax: +229 331255  
E-mail: camin@isocelmail.com

## Botswana

### Eqstra Agri

11, Gross Street  
Tunney Industrial Estate  
Elandsfontein  
Johannesburg, 1600  
Tel: +27 11 5528760  
Web: http://www.eiegroup.co.za/agriequipment/

### Humulani Marketing (Pty) Ltd.

Kempton Park, Isando  
Botswana, 1600  
Tel: +27 56 5150607  
Fax: +27 56 5150634

### Techno Feeds

Kgomokasitwa Road  
West I/ Est Gaborone  
Tel: +267 31 67238/71848141  
E-mail: rihan@technofeeds.co.bw

### The Equipment Centre

Plot 20633, Block 3, Broadhurst  
Gaborone  
Tel: +267 3500939  
E-mail: theequipmentcentre@yahoo.com

## Burkina Faso

### FASO Plantes SARL

Ouagadougou 06  
BP 9379  
Tel: +226 70340404/74615805  
E-mail: fasoplantes@yahoo.fr

### Saphyto SA

PO Box 1390, Bobo Dioulasso  
Tel: +226 20972018  
Fax: +226 20971375  
E-mail: jacques.hommies@arysta.com

## Cameroon

### Agribio SARL

En Face Du Chateau  
Bonaberi-Bp 2102, Douala  
Tel: +37 77 706389  
E-mail: socavb1@yahoo.fr

### Fimex International

PO Box 3224 Douala  
Tel: +237 3 392374/77707074  
Fax: +237 3 392375  
E-mail: hfosso@fimexinternational.com

## Socada

### Boulevard du General Leclerc

PO Box 4080, Douala  
Tel: +237 342 6410/99996642  
Fax: +237 342 4260  
E-mail: jmtouret@cfaogroup.com

### Speed Appro (Tuleu)

### Douala BP 1923

Tel: +237 33 431874  
Web: www.tuleuconsulting.com  
E-mail: laurenttrin@gmail.com

## Chad

### Tchadco

PO Box 197 N'Djamena  
Tel: +235 510564  
Fax: +235 510388

## Congo DR

### CFAO Motors RDC

17 Avenue des Poids Lourds  
PO Box 2200, Kinshasa  
Tel: +243 818840580  
Fax: +243 8844779  
E-mail: pcessana@cfaogroup.com

### Ital Motors SPRL

1388, Rte des Poids Lourds,  
Kinshasa  
E-mail: costa.italmotors@gbe-drc.com  
SDI-AG,  
CD, 18 E Rue, Kinshasa  
Tel: +33 60 7812566  
Web: www.sdiag.net  
E-mail: serge.vanham@sdiag.net

## Congo Republic

### Chimie Afrique Congo

PO Box 5521 Pointe Noire  
Tel: +242 5370535  
E-mail: chimieafriquecongo@gmail.com

### GN Lemai (Tuleu)

B.P. 834, Brazzaville  
Tel: +242 81 1823  
Web: www.tuleuconsulting.com  
E-mail: j.devogelas@europcar-congo.com

## Cote D'Ivoire

### ALM Afrique de l'Ouest

01 PO Box 3623  
18 rue du Dr. Blanchard, Abidjan  
01  
Tel: +225 21 249616  
Fax: +225 21 258818  
E-mail: beryemma@almao.ci

### Callivoire

01 P.O. Box 896  
Rue Clément Ader - Zouga,  
Abidjan 01  
Tel: +225 21 256567/253625  
Fax: +225 21 351282/244329



Web: [www.callivoire.com](http://www.callivoire.com)  
E-mail: [emmanuel.fillion@arysta.com](mailto:emmanuel.fillion@arysta.com)

#### **CFAO Motors Cote Divoire**

Rue Pasteur, PO Box 2114,  
Abidjan 01  
Tel: +225 21751111/7659097  
Fax: +225 21751110  
E-mail: [pguinemer@cfao.com](mailto:pguinemer@cfao.com)

#### **Lassire Industrie (Tuleu)**

Tel: +225 7 692424  
Web: [www.tuleuconsulting.com](http://www.tuleuconsulting.com)  
E-mail: [f.lanes@lassireindustrie.com](mailto:f.lanes@lassireindustrie.com)

#### **PCM Ensemblier**

01 B.P.22, Abidjan 01  
Tel: +225 21 266807  
Fax: +225 21 263795  
Web: [www.pcm-ensemblier.com](http://www.pcm-ensemblier.com)  
E-mail: [direction@pcm-ensemblier.com](mailto:direction@pcm-ensemblier.com)

#### **SEMAT**

Rue Marconi, Abidjan  
Tel: +225 21 213191  
Fax: +225 21 213190  
E-mail: [info@semat.co.ci](mailto:info@semat.co.ci)

## **Egypt**

#### **Commercial Group Edward Y. Nekhela & Co.**

43, Ibrahim Nawar Street  
Zone 6 Nasr City, Cairo, 11391  
Tel: +20 2 2710882  
Fax: +20 2 2740844  
E-mail: [comgroup@link.net](mailto:comgroup@link.net)

#### **El Deyab Agriculture**

1, Elshaheed Sayed Zakariah-El  
Sheraton Building  
Heliopes, Cairo  
E-mail: [k.sabry@eldeyab.com](mailto:k.sabry@eldeyab.com)

#### **General International**

47 Ramses Street, Cairo  
Tel: +20 2 25751200  
E-mail: [akady00@yahoo.com](mailto:akady00@yahoo.com)

#### **ICS Agri Egypt**

Appt 16, Bldg 12, Area No. 9  
Masaken Sheraton, Heliopolis,  
Cairo  
Tel: +20 2 22680974  
E-mail: [fma.ics@gmail.com](mailto:fma.ics@gmail.com)

#### **New Pharma Egypt**

E-mail: [newpharmaegypt@yahoo.com](mailto:newpharmaegypt@yahoo.com)  
Starchem for Services  
Kilometer 28 Giza  
Alexandria Desert Road, Cairo  
Tel: +20 2 01005130225  
Fax: +20 2 33037880  
E-mail: [alpasha.omar@yahoo.com](mailto:alpasha.omar@yahoo.com)

## **Ethiopia**

#### **Adeb Engineering and Trading PLC**

PO Box 3104  
Saris, Behind Adeb Abeba

Nefasilk Lafto Sub-City  
Kebele 10, House N. 1551  
Addis Ababa

Tel: +251 11 4426721  
Fax: +251 11 4424871  
E-mail: [adebeng@ethionet.et](mailto:adebeng@ethionet.et)

#### **Gedeb Engineering**

House Number 2101, Kebele 14  
Nifas Silk/Lafto Sub, Addis Ababa  
Tel: +251 114 664261/911  
207218  
E-mail: [ukieew@gmail.com](mailto:ukieew@gmail.com)

#### **Hagbes Pvt. Ltd. Co.**

PO Box 1044, Addis Ababa  
Tel: +251 11 1552233  
Fax: +251 11 1551113  
E-mail: [hagbesatb@ethionet.et](mailto:hagbesatb@ethionet.et)

#### **MGK Makonnen**

Akaki Kality Subcity  
House No. 108, Addis Ababa  
Tel: +251 11 4342853  
Fax: +251 11 4342929

#### **Ries Engineering Share Company**

PO Box 1116, Debrezeit Road

#### **Addis Ababa**

Tel: +251 11 4420674/4421133  
Fax: +251 11 4420667/4425133  
E-mail: [ries.agr@ethionet.et](mailto:ries.agr@ethionet.et)  
[yonas.m@riesethiopia.com](mailto:yonas.m@riesethiopia.com)  
[b.marceau@nefc.ae](mailto:b.marceau@nefc.ae)

## **Gabon**

#### **APC-AG Gabon (Tuleu)**

BP 1018, Z.I. Oloumi, Libreville  
Tel: +241 53 15469  
Web: [www.tuleuconsulting.com](http://www.tuleuconsulting.com)  
E-mail: [steph.robert.apc@gmail.com](mailto:steph.robert.apc@gmail.com)

#### **CFAO Motors, Gabon**

ZI Oloumi, PO Box 2181,  
Libreville  
Tel: +241 761066/5182470  
Fax: +241 773627  
E-mail: [sguyon@cfao.com](mailto:sguyon@cfao.com)  
[jmpeyrichou@cfao.com](mailto:jmpeyrichou@cfao.com)

#### **GCIAE Gabonaise de Chimie**

PO Box 20375  
Zone Industrielle Doloumi,  
Libreville  
Tel: +241 7 64899/20656  
Fax: +241 7 47067  
E-mail: [gciae@ymail.com](mailto:gciae@ymail.com)

## **Gambia**

Gambia Horticultural Enterprises  
16 Mamadi Manjang Highway  
Old Jeshwang  
Tel: +220 7 785088  
E-mail: [gamhort@qanet.gm](mailto:gamhort@qanet.gm)

#### **Safari Motors**

Bertil Harding Highway, Kotu  
Tel: +220 750 2611  
E-mail: [sales@](mailto:sales@)

[safarimotorsgambia.com](http://safarimotorsgambia.com)

## **Ghana**

AFGRI Ghana

House Number Db6a  
Plot P85  
Ankwa Doboro  
Nsawam Road  
Tel: +233 508 939400  
Web: [www.afgri.co.za](http://www.afgri.co.za)  
E-mail: [gerrie.jordaan@afgri.co.za](mailto:gerrie.jordaan@afgri.co.za)

Agria Machinery Services & Co.  
Ltd.

No. 5, Royal Castle Road  
Kokolemle, Accra  
Tel: +233 21 238160  
E-mail: [agriamachinery@gmail.com](mailto:agriamachinery@gmail.com)

#### **AHK Ghana**

World Trade Centre  
Tel: +233 302 6316813  
Fax: +233 302 631684  
Web: [www.ghana.ahk.de](http://www.ghana.ahk.de)  
E-mail: [info@ghana.ahk.de](mailto:info@ghana.ahk.de)

#### **Altraco Ltd.**

Palmer House  
Tudu, Accra  
Tel: +233 30 2958815  
E-mail: [nanagyekum2000@yahoo.com](mailto:nanagyekum2000@yahoo.com)

#### **C. Woermann GmbH and Co.**

PO Box 1779  
Nsawam Road  
Avenor Junction  
Accra  
Tel: +233 30 2221777  
Fax: +233 30 2230016  
Web: [www.c-woermann.de/index.php/en](http://www.c-woermann.de/index.php/en)  
E-mail: [info@woermann-ghana.com](mailto:info@woermann-ghana.com)

#### **Callighana Ltd.**

PO Box TT 503  
Main Harbour Area  
Commercial Warehouse Road  
Tema  
Tel: +233 22 210650  
Fax: +233 22 200408  
E-mail: [patrick.grandcolas@arysta.com](mailto:patrick.grandcolas@arysta.com)

#### **Mechanical Lloyd Co. Ltd.**

No.2 Adjuma Crescent  
Ring Road West Ind Area  
PO Box 2086, Accra  
Tel: +233 21 910885/229312  
Fax: +233 21 227366  
E-mail: [kosei@mechlloyd.com](mailto:kosei@mechlloyd.com)

#### **WIENCO Ghana Ltd.**

No.14 Narku Ipan Road  
Airport Residencial Area, Accra  
Tel: +233 302 772251  
Fax: +233 302 772239  
Web: [www.wienco.com](http://www.wienco.com)  
E-mail: [wienco@wienco.com](mailto:wienco@wienco.com)

## **Guinea**

#### **AFCO**

Point de Colobane  
Dakar, Senegal

Tel: +221 8 321111  
Fax: +221 8 321965

#### **Saref International**

PO Box 3915, Conakry  
Tel: +224 64 202037  
Fax: +1 419 8586989  
E-mail: [sarefinternational@gmail.com](mailto:sarefinternational@gmail.com)

## **Kenya**

#### **Aqua Valley Services Ltd.**

Naivasha  
Tel: +254 73 3641682

#### **Brazafric Enterprises Ltd.**

Mudher Industrial Park Along  
Mombasa Rd.  
next to Soham Petrol Station  
PO Box 76561, Nairobi, 00508  
Tel: +254 20 2107247/54/59/7000  
Fax: +254 20 2107263  
Web: [www.brazafric.com](http://www.brazafric.com)

#### **BRAZAFRIC ENTERPRISES LTD –**

##### **Eastern Africa**

Mudher Industrial Park,  
Momabasa  
Road (next to Soham Petrol  
Station),  
Nairobi, 00100  
Tel: +254 20 210247  
Website: [www.brazafric.com](http://www.brazafric.com)  
Email: [specialprojects@brazafric.com](mailto:specialprojects@brazafric.com)

#### **Car & General (Kenya) Ltd.**

Dunga Road  
Lusaka Road, Nairobi  
Tel: +254 20 554500  
E-mail: [loise.wangui@cargen.com](mailto:loise.wangui@cargen.com)

#### **CMC Holdings Ltd.**

Hughes Agricultural Division  
Lusaka Road, Industrial Area  
PO Box 30060, Nairobi  
Tel: +254 20 650315  
Fax: +254 20 650331  
E-mail: [mhf@cmcmotors.com](mailto:mhf@cmcmotors.com)

#### **Farm Engineering Industries Ltd.**

Mombasa Road, Nairobi  
Tel: +254 733 638708

#### **Hardi Kenya Limited**

PO Box 47409  
Nairobi, 00100  
Tel: +254 20 8562098  
Fax: +254 20 2384206  
E-mail: [admin@hardi.co.ke](mailto:admin@hardi.co.ke)

#### **Sametract Cassini and Tonolo Ltd.**

PO Box 14325  
Bamburi Road  
Nairobi, 800  
Tel: +254 20 6533125  
E-mail: [info@sametract.com](mailto:info@sametract.com)

#### **TATA Africa Holdings Ltd.**

PO Box 5774-00200  
Tata Africa House  
Masai Road, Off Mombasa Road  
Nairobi

Tel: +254 722 162399  
E-mail: julius.nyagwoka@  
tatakenya.com

### Valtract - Cassini & Tonolo Ltd.

Bamburi Road, Industrial Area  
PO Box 14325, Nairobi, 00800  
Tel: +254 20 6533125/6533081/  
6537019/6537020/733 60293/  
722 204353

Fax: +254 20 551475  
E-mail: info@valtract.com

## Lesotho

### Humulani Marketing (Pty) Ltd.

Kempton Park, Isando, 1600  
Tel: +27 56 5150607  
Fax: +27 56 5150634

## Liberia

### RMA Liberia Ltd. (Tuleu)

Corner of Center Street  
and U.N. Drive, Monrovia  
Tel: +231 880 524974  
Web: www.tuleuconsulting.com  
E-mail: salesrep2.lb@rmagroup.  
net

## Libya

### Al Fath

Gergaresh Road, Tripoli  
Tel: +218 91 3245049/56 09649  
Fax: +218 21 4775841/4778292  
E-mail: sherif@technofarmlibya.  
com,  
alfath333@yahoo.com

### Tasharukiat Agriculture Technology Co.

Gergarish Road, Kilo 7, Tripoli  
Tel: +218 21 3336724  
Fax: +218 21 3330669  
Web: www.agritech.com.ly  
E-mail: info@agritech.com.ly

### Technofarm Int. Ltd.

Tripoli  
Tel: +218 92 3782351

## Madagascar

### Henri Fraise

Henri Fraise Fils & Cie  
Route de Hydrocarbures  
B.P. 28 Antananarivo  
Tel: +261 20 2222721  
E-mail: alain.ravahatra@hff.mg

### ITA Group

BP 5098, Antananarivo  
Tel: +261 20 2224844  
E-mail: itagroup@moov.mg

### Materiel Automobile Industriel

PO Box 1516  
Antananarivo  
Tel: +261 202 223339  
Fax: +261 202 233729  
E-mail: fschaffner@materauto.  
com

## Malawi

### Chemicals & Marketing Co. Ltd.

PO Box 1230, Blantyre  
Tel: +265 1 870600/861  
Fax: +265 1 871515  
E-mail: pkhembo@chemicals.  
co.mw

### Costantini and Co.

P.O. Box 40, Plot: 4/068  
Kenyatta Drive, Lilongwe  
Tel: +265 1 753047/ 754136  
E-mail: sabelli@costantini.mw

### Eqstra Agri

11, Gross Street,  
Tunney Industrial Estate,  
Elandsfontein  
Johannesburg, 1600  
Tel: +27 11 5528760  
Web: http://www.eiegroup.co.za/  
agriequipment/  
E-mail: leonb@sie.co.za

### Farming & Engineering Services Ltd.

PO Box 918  
Kaohsiung Road  
Top Mandala, Blantyre  
Tel: +265 1845906/1879111  
Fax: +265 1645904  
E-mail: mmathias@fesmw.com

### New City Centre

Unit 6 Yabhana Building, Blantyre  
Tel: +92 65 642714  
E-mail: nccbt@yabhanagroup.  
com

### Toppers Hardware & Electrical Supplies

17 Haile Selassie Road  
Blantyre  
Tel: +265 1 822981  
E-mail: lambatgroup@africa-  
online.net

## Mali

### ICS Agri Mali

Niarela Rue 376  
Porte 1667, 2eme Etage  
Appt 18 Bamako  
Tel: +223 443 89215  
Fax: +223 443 89215  
E-mail: jmv@ics-agri.com

### MPC

B.P. 603, Quinzambougou  
1892 Route de SOTUBA  
Bamako  
Tel: +223 20 213355  
Fax: +223 20 213634  
E-mail: marc.bertet@arysta.com

## Mauritius

### Blychem Limited

IBL Group  
Industrial Zone  
Riche Terre  
Tel: +230 2039385

Fax: +230 2039351/52  
E-mail: jfclaite@iblgroupp.com

### Iframac Ltd.

Plaine Lauzun  
BP 698, Port Louis  
Tel: +230 212 1842/43  
Fax: +230 208 5809  
E-mail: iframac@intnet.mu

### Robert Le Maire Ltd.

Camp Chapelon  
Pailles  
Tel: +230 2125488  
Fax: +230 2125490  
E-mail: dw.lagesse.rlm@  
rlmgroupp.mu

### Scomat Ltee

Grewals Lane  
Pailles, Ile Maurice  
E-mail: bgallet@scomat.com

### Smag Ltee

Volcy De Senneville  
St. Camp Chapelon  
Pailles  
Tel: +230 286 6260  
E-mail: smag@intnet.mu

### Mayotte

Agence Generale de  
Representations SARL  
19, Av. Charles Isautier, ZI No. 3  
St. Pierre Cedex, 97456  
Tel: +262 962500  
Fax: +262 252564

## Morocco

### Agri-Art

38, Rue el jadida Hay Ouedd  
Temara, 12000  
Tel: +212 5 37643061  
Fax: +212 5 37643578  
E-mail: agriart@agriart.ma

### Comicom

Route desserte des usines  
autoroute, Casablanca, Rabat  
Tel: +212 2 2302211/522764545  
Fax: +212 2 2306082  
E-mail: n.boukhatem@comicom.  
ma  
comicom@wanadoo.net.ma

### Le Monde du Jardin

Quartier Des Hopitaux  
Casablanca  
Tel: +212 22 861693  
E-mail: mondejardin@yahoo.fr

### North Distribution SA

402, Bd. Mohamed V  
Appt. No. 9, Kenitra  
Tel: +212 537370042  
Fax: +212 537371485  
E-mail: nordismarco@yahoo.fr

### S.O.M.M.A./Auto-Hall

Chemin Ain Borja  
Quartier Beausite  
Ain Sebaa, Casablanca  
Tel: +212 22 344661  
Fax: +212 26 63645  
E-mail: a.bachir@somma.ma

### SOCOPIM

Route d'El Jadida km14  
Route nationale 1  
Casablanca, 20232  
Tel: +212 55 2601060  
Fax: +212 22 621588  
Web: www.groupe-premium.  
com  
E-mail: anass.aithoussa@  
premium.net.ma

### Stokvis Nord Afrique

Lot 1711-Z.I Ouled Salah  
Comune Rural Oulet Salah  
Bouskoura, Casablanca, BP 2183  
Tel: +212 52 2654600  
Fax: +212 52 2334573  
Web: www.stokvis.ma  
E-mail: contact@stokvis.ma

## Mozambique

### ABC Trading Lda Total

Av Josina Machel 894, Maputo  
Tel: +258 21 309279  
E-mail: motoserras@teledata.mz

### Agrifocus Limitada

Av. 25 de Setembro  
Edificio Time Square  
Bloco 2  
1 Andar, Maputo  
Tel: +258 21 303433  
Fax: +258 21 303665  
E-mail: ricardo.sequeira@  
agrifocus.co.mz

### Barloworld Equipamentos

Av Romao Fernandes  
Farinha Nrs 156 E 160, Maputo  
E-mail: narokiam@  
barloworldequipment.  
Com

### Centrocara SA

Avenida da Namaancha, n° 730  
Matola - Maputo  
Matosinhos  
Tel: +258 21 720166/7  
Fax: +258 21 720166  
Web: www.centrocara.com/mz/  
E-mail: mocambique@centrocara.  
com

### Sotema Lda

Av de Mocambique, No.  
4488/4524  
Caixa Postal No. 378, Maputo  
Tel: +258 21470398/827848790  
Fax: +258 21471017  
E-mail: geral@sotema.co.mz

### Trak-Auto - Beira

Tel: +258 23 353003/ 843 986323  
E-mail: trakbeira@intra.co.mz

### Trak-Auto - Maputo

Avininda Pauline Santos Gil 56  
Maputo  
Tel: +258 84 3981084/ 3012858  
E-mail: rob.hayworth@trak-auto.  
com

### Trak-Auto Lda

Avenida Paulino Santos Gil 56



Maputo  
E-mail: clinton.vermaak@trak-auto.com

## Namibia

**Cymot (Pty) Ltd.**  
15 Newcastle Street  
North Industrial Area  
Windhoek  
Tel: +264 61 2956000  
E-mail: wbraun@cymot.com

**Eqstra Agri**  
11, Gross Street  
Tunney Industrial Estate  
Elandsfontein  
Johannesburg, 1600  
Tel: +27 11 5528760  
Web: <http://www.eiegroup.co.za/agriequipment/>  
E-mail: leonb@sie.co.za

## Niger

**Agrimex**  
PO Box 10091  
Niamey  
Tel: +227 20 740481  
Fax: +227 20 740748  
E-mail: andre.monteiro@agrimex.ne  
Nigeria

**Chehab Nigeria Limited**  
7B Kudirat Abiola Road  
Ikeja, Lagos  
Tel: +253 1 7758558  
E-mail: chehabpr@chehab-ng.com

**Chizen Machine Tools**  
F 345, Alba International Market,  
Lagos  
Tel: +234 80 906263  
E-mail: chizenmachine2@gmail.com

**Dizengoff WA Ltd.**  
PO Box 340  
28 Creek Road, Apapa, Lagos  
Tel: +234 1 4600100/5875990  
Fax: +234 1 4600111  
E-mail: damisae@dizengoff.com

**Hortico Works Nig. Ltd.**  
Hortico House, Floral Acre  
Ipaja, Lagos  
Tel: +234 1 7740517  
E-mail: hortico2000@yahoo.com

**SCOA Nigeria**  
157, Isolo Oshodi  
Expressway Isolo Ind. Area  
Mushin, Lagos  
Tel: +234 1 4521774  
Fax: +234 1 4521539  
E-mail: scoatrac@scoapl.com

**TATA Nigeria Limited**  
Plot C89,  
Amuwo Odofin Industrial Layout  
Lagos  
Tel: +234 816 927304  
E-mail: bhushan@tata-nigeria.com

com

**U-Mond Ltd.**  
PO Box 4032  
34 Olufemi Road  
Surulere, Lagos  
Tel: +234 1 8023135748  
Fax: +234 1 830581  
E-mail: u\_mond@yahoo.com

## Reunion

**Coroi S.A.S.**  
2.I. No 1/B.P.60077  
Rue Armagnac  
Le Port Cedex, 97822  
Tel: +262 421524/692 866135  
Fax: +262 420612  
E-mail: d.carron@coroi.fr

**Foucque - Voccalease**  
69 Boulevard du Chaudron  
Sainte Clotilde, 97490  
Tel: +262 444865  
Fax: +262 482461  
E-mail: contact@foucque.fr

**Gamm Agri**  
Ouest Agri, 5  
rue Maximin Lucas  
97425 Les Avirons  
Tel: +262 3826568  
E-mail: dominique.hoarau@gammagri.fr

**Gammagri**  
5, Rue Maxmim Lucas  
Les Avirons, 97425  
E-mail: dominique.hoarau@gammagri.fr

**Societe Foucque SA**  
69 Boulevard Du Chaudron  
97490 Sainte Clotilde  
Tel: +262 488787  
Fax: +262 488799  
E-mail: d.lacaille@foucque.fr

## Rwanda

**ATC-Rwanda (SDI-AG)**  
PO Box 2983  
Route Magerwa, Kigali  
Tel: +250 252 578844  
E-mail: dusabeth@yahoo.fr

**BIA**  
123, Rameistraat  
Overijse  
Belgium, B-3090  
Tel: +32 2 6892811  
Fax: +32 2 6892829

**Brazafic Enterprises Ltd.**  
Nyarutarama Road  
Opp. Golf Course Junction  
PO Box 4757, Kigali  
Tel: +250 8493887/788511991/  
5127550  
Web: [www.brazazfic.com](http://www.brazazfic.com)

## Sao Tome &

## Principle

**CFAO Motors, Sao Tome**  
CP 605  
Tel: +229 2222973  
E-mail: pboyer@cfao.com

## Senegal

**CCBM (Tuleu)**  
P.O. Box 55086  
Metairie, LA 70055-5086  
Tel: +221 77 9961843  
E-mail: khadim.diop@ccbm.sn

**Delta Irrigation**  
Route de Khor  
Saint Louis  
Tel: +221 33 9619998  
Fax: +221 33 9619998  
Web: [www.delta-irrigation-sn.com](http://www.delta-irrigation-sn.com)  
E-mail: bruno.demulder@yahoo.fr

**Matforce**  
10 Ave Faiderherbe, Dakar  
Tel: +221 33 8399500  
Fax: +221 33 8399550  
Web: [www.matforce.com](http://www.matforce.com)  
E-mail: matforce@matforce.com

**Soproda**  
Z.L. 3 Rue de l'Industrie  
Rebais, 77510  
Tel: +33 1 64209440  
Fax: +33 1 64209123  
Web: [www.soproda.com](http://www.soproda.com)  
E-mail: soproda@soproda.com

**SPIA**  
V.D.N. - Face Foire Lot No. 13  
En Face du Cices  
Dakar  
Tel: +221 33 8693269  
Fax: +221 33 8693279  
Web: [www.spia-sa.com](http://www.spia-sa.com)  
E-mail: ibedieye@orange.sn

**Terragrisen**  
Dakar  
E-mail: terragrisen@gmail.com

## Seychelles

**Michaud Pest Control (Pty) Ltd.**  
PO Box 539  
Rm 208  
Premier Building  
Victoria, Mahe  
Tel: +248 322196/510458  
Fax: +248 324166  
E-mail: michaudpest@seychelles.sc

## Sierra Leone

**Mountain Lion Agriculture Ltd.**  
Makeni  
Tel: +232 76 615601  
Web: [www.mlbr.org](http://www.mlbr.org)  
E-mail: donaldotsmart@gmail.com

## South Africa

**Amatola Irrigation**  
East London  
5200  
Tel: +27 43 7321927

**AP Algemene Boeredienste**  
Nigel  
Tel: +27 11 8143315

**Barloworld Agriculture**  
136 Main Reef Road  
Boksburg North 1461, Boksburg  
Tel: +27 11 8980450/8980077  
Fax: +27 11 8980493  
E-mail: dvmerwe@barloworld-equipment.com

**Big Dutchman South Africa (Pty) Ltd.**  
PO Box 276  
Edenvale, Tvl., 1610  
Tel: +27 11 4521154  
Fax: +27 11 6094908  
Web: [www.bigdutchman.co.za](http://www.bigdutchman.co.za)  
E-mail: sales@bigdutchman.co.za

**Croc Valley Brits**  
Brits, 0250  
Tel: +27 12 2526854  
Croc Valley Koedoeskop  
Koedoeskop  
Tel: +27 14 7850648

**Die Humansdorpse Kooperasie Ltd.**  
Patensie  
Patensie, 6335  
Tel: +27 42 2830011

**Dynamic Automation**  
PO Box 99  
Hammarisdale  
3700  
Tel: +27 31 7362071  
Fax: +27 31 7362201  
Web: [www.lubing.com](http://www.lubing.com)  
E-mail: sales@dynamicauto.co.za

**Elektrosure**  
Barkly East  
9786  
Tel: +27 45 9710300

**Eqstra Agri**  
11, Gross Street  
Tunney Industrial Estate  
Elandsfontein  
Johannesburg, 1600  
Tel: +27 11 5528760  
Web: <http://www.eiegroup.co.za/agriequipment/>  
E-mail: leonb@sie.co.za

**Evonik Africa (Pty) Ltd.**  
IBG Business Park  
11 Enterprise Avenue  
Midridge Ext 10  
Midrand 1685  
Tel: +27 11 697 0763  
Fax: +27 11 318 0975  
Website: [www.evonik.com/feed-additives](http://www.evonik.com/feed-additives)

Email: cuthbert.mamabolo@evonik.com

## Griekwaland Wes Kooperasie BPK Douglas

Tel: +27 53 2988282  
Groensirkeel Besproeiing, Pokopane  
Tel: +27 15 4929807

**ICM - Bethlehem**  
Bethlehem  
Tel: +27 58 3036340

**Inyoni Africa + Swaziland**  
Barberton  
Tel: +27 13 7122175

## Irritech Agencies International (Pty) Ltd

Pietermaritzburg  
Tel: +27 33 3423177

## LEMKEN South Africa (Pty) Ltd.

Unit 6, Garsfontein Office Park  
645 Jacqueline Drive  
Garsfontein, Pretoria  
Tel: +27 82 4122577  
Web: www.lemken.com  
E-mail: munnik@lemken.co.za

**Loskop Valley Besproeiing**  
Groblersdal  
Tel: +27 13 2623831

## Multispray

59 New Road, Grand Central Airport  
Halfway House, Johannesburg, 1685  
Tel: +27 11 8052091  
Fax: +27 11 8052093  
E-mail: carlhenning@mweb.co.za

## Northmec

No. 1 Wrench Road  
Isando, Johannesburg, 1600  
Tel: +27 11 9222300  
Fax: +27 11 9222368  
E-mail: paskew@nhsa.co.za

## Northmec (South Africa)

14, Industry Road  
Isando, Johannesburg, 1600  
Tel: +27 11 9222000  
Fax: +27 11 9222109  
E-mail: info@northmec.co.za,  
paulv@northmec.co.za

## NWK Landmark

Lichtenburg  
Tel: +27 18 6325071  
Overberg Agri, Caledon  
Tel: +27 28 214-3800

## Rovic & Leers (Pty) Ltd.

PO Box 281  
Saxenburg Road, Kuilsriver 7579  
Blackheath Cape Town  
Tel: +27 21 9071700  
Fax: +27 21 9071770/1760  
Web: www.rovicleers.co.za

## Sandveld Voorsieners

Piketberg, 7320  
Tel: +27 22 9132505

## SKB Cradock

Cradock  
Tel: +27 48 8813931

## SKB George

George, 6530  
Tel: +27 44 8780790

## SKB Jeffreys Bay

Jeffreys Bay  
Tel: +27 42 2933694

## Spilkon Besproeiing

Dundee, 3000  
Tel: +27 34 6321222

## The GSI Group SA

PO Box 4012, Honeydew, 2040  
Tel: +27 11 7944455  
Fax: +27 11 7944515  
E-mail: sales@gsiafrica.co.za

## Tube and Product Distributors

PO Box 247, Kokstad, 4700  
Tel: +27 39 7272041

## ULTRALLOY

24 Staal Street, Kya-Sand  
Randburg, Gauteng  
Tel: +27 11 4622217/8  
Fax: +27 11 4623509  
Web: www.ultralloy.co.za  
E-mail: enquiries@ultralloy.co.za

## Vaalharts Spilpunddienste

Hartswater  
Tel: +27 53 4740021

## Valley Irrigation of Southern Africa

PO Box 1234  
Nigel, 1490  
Tel: +27 11 8147007  
Fax: +27 11 8144533  
Web: www.valley-za.com  
E-mail: info@valleyirrigation.co.za

## Valtrac (Pty) Ltd.

PO Box 148,  
CNR Water & Buiten Street  
Parys 9585  
Tel: +27 56 8177308  
Fax: +27 56 8177329  
Web: www.valtrac.co.za  
E-mail: info@valtrac.co.za  
wynn@valtrac.co.za  
george@valtrac.co.za

## Vrystaat Kooperasie Bpk Reitz

Tel: +27 58 8638111

# South Sudan

## LonAgro

Afex Camp, Plot 30  
Riverside, Juba  
Tel: +211 912450545  
E-mail: brett@lonagross.com

# Sudan

## D.I.B Industry Co. Ltd.

Safa Plaza Tower  
Ebeid Khatim St  
Alsafo Area  
3rd Floor, Flat No. 32, Khartoum  
Tel: +249 183 286070  
E-mail: m.soliman@eldeyab.com

## DAL Engineering Co. Ltd.

Kilo 8 Wad Medani Road  
PO Box 56, Khartoum  
Tel: +249 183 216355  
Fax: +249 183 216300  
Web: www.dalgroup.com

## El Nilein Engineering & Spare Parts Company

New Industrial Area  
Ghaba St, PO Box 54, Khartoum South  
Tel: +249 11 777578  
Fax: +249 11 780170  
E-mail: shibeka\_abdin@hotmail.com

## Frentec

House No. 21, Block 50  
Al Shargi Str. Al Salam Str.  
Arkawet, Khartoum  
Tel: +249 91 8827432  
E-mail: frentec.sudan@gmail.com

## Gaddris Trade Company

PO Box 114, Khartoum North  
Tel: +249 185 233378  
Fax: +249 185 335402  
Web: www.gaddris.com  
E-mail: info@gaddris.com

## Sutrac Ltd.

PO Box 1840, Kilo 8  
Wad Medani Road, Khartoum  
Tel: +249 183 216333  
Fax: +249 183 236885  
Web: www.sutrac.com  
E-mail: mahgoub.awadalla@dalgroup.com

# Swaziland

## Humulani Marketing (Pty) Ltd.

Kempton Park, Isando, 1600  
Tel: +27 56 5150607  
Fax: +27 56 5150634

# Tanzania

## Brazafric Enterprises Ltd.

TFA Shopping Centre  
West Wing SHop # 30, Off Sokoine  
PO Box 822, Moshi  
Tel: +255 752 976760  
Web: www.brazafric.com

## Car & General Trading Ltd.

Maktaba Street  
Dar-Es-Salaam  
Tel: +255 22 2113016  
E-mail: venkatesh@cargen.co.tz

## FMD East Africa Ltd.

Esso Road, PO Box 14622, Arusha  
Tel: +255 272 505150  
E-mail: justynlanee@fmdea.co.tz

## Greencity

PO Box 34367  
Plot. No. 9 Kurasini Area  
Kilwa Road,  
Dar Es Salaam  
Tel: +255 684 551802  
Web: www.greencity.co.tz  
E-mail: info@greencity.co.tz

## Intermech Engineering Ltd.

81, Kihonda Industrial Estate  
Morogoro, Dar Es Salaam



E-mail: pchisawillo@intermech.biz

### LonAgro

Plot No. 48B, Ursino Street  
Regent Estate  
Dar es Salaam  
Tel: +255 222 772775  
Fax: +255 222 772776  
Web: www.lonagro.co.tz  
E-mail: lukas@lonagro.co.tz

### Tanzania Farmers Service Centre (TFSC)

Dodoma Road, Majengo  
PO Box 2101, Arusha  
Tel: +255 27 2548587  
Fax: +255 27 2548969  
E-mail: tfsc@habari.co.tz

## Togo

### Arysta LifeScience Togo-SAU

Quartier Totsi 05  
Immeuble Bimate 05, Lome, 05 BP 944  
Tel: +228 22 519553  
E-mail: selom.amegan@arysta.com  
CFAO Motors, Togo  
Boulevard General Eyadema, Lome  
Tel: +228 9054006  
E-mail: pybruce@cfao.com

## Tunisia

### Ets M Loukil Et Cie

62 Avenue De Carthage, Tunis, 1000  
Tel: +216 71 354366  
Fax: +216 71 343401  
Web: www.ets-loukil.tn  
E-mail: contact@ets-loukil.tn

### HMT

24, Rue Dagbagi  
2ème étage, Tunis, 1000  
Tel: +216 71 340345  
Fax: +216 71 340955  
Web: www.hmt.tn  
E-mail: contact@hmt.tn

### Inter-Parts

80 Avenue De, Carthage, Tunis, 1000  
Tel: +216 71 256666  
Fax: +216 71 355118  
E-mail: mat.interparts@planet.tn

### Le Materiel SA

PO Box 233, Tunis Hached  
Tunis, 1001  
Tel: +216 79 408484  
Fax: +216 79 408483  
E-mail: feridj@lemateriel.com.tn

### Société Nouvelle du Comptoir CIBO

40 Avenue de Carthage, Tunis  
Tel: +216 71 330239  
Fax: +216 71 333816  
E-mail: cibotunis@topnet.tn

### Societe Partners Karim Louafi

7, Rue Bayrem, Ettounsi, Den Den, 2011  
Tel: +216 70605999  
Fax: +216 70618819  
E-mail: karim.louafi@gnet.tn

## Uganda

**Brazafic Enterprises Ltd.**  
PO Box 8338

Plot No. 28A Binayomba Road,  
Off Luthuli Avenue, Bugolobi, Kampala  
Tel: +256 414 221363  
Fax: +256 414 221363  
Web: www.brazafic.com

### Car & General Ltd.

Plot No. 81  
Entebbe, Kampala  
Tel: +256 41 234560  
E-mail: dominic.mathew@cargen.com

### CMC Holdings Ltd.

CMC Building, Katalima Loop  
PO Box 2169, Kampala  
Tel: +256 41 286780  
Fax: +256 41 286039  
E-mail: kwanusu@cmcuganda.co.ug

Farm Engineering Ind. Ltd.  
PO Box 27400, Kampala  
Tel: +256 414 340640

### TATA Uganda Limited

PO Box 7153  
Plot 47, Jinja Road, Kampala  
Tel: +256 414 344320/21  
E-mail: chirag.tatauganda@gmail.com

## Zambia

### AFGRI Zambia

Plot No. 26592, Kafue Road  
Opposite Castle Complex, Lusaka  
Tel: +260 211 273757  
Web: www.afgri.co.za  
E-mail: wk@afgri.com.zm

### Big Red Ltd.

Private Bag 394, Ridway, Lusaka  
Tel: +260 9851 7767/9778 1381  
Fax: +260 1212 468

### Eqstra Agri

11, Gross Street  
Tunney Industrial Estate  
Elandsfontein, Johannesburg, 1600  
Tel: +27 11 5528760  
Web: http://www.eiegroup.co.za/  
agriequipment/  
E-mail: leonb@sie.co.za

### Minelands Agric Develop Services Ltd.

PO Box 50677  
Plot No. 8496 Mumbwa Road, Lusaka  
Tel: +260 211 287073  
Fax: +260 211 287073

### MRI Agro Zambia Ltd.

Plot 5255, Mukwa Road  
Heavy Industrial Area, Lusaka  
Tel: +260 211 240281  
Fax: +260 211 240275  
E-mail: vlad@mriseed.com

### Power Equipment Ltd.

PO Box 32699  
Cairo Road (North End), Lusaka  
Tel: +260 211238861/2  
Fax: +260 1 235021  
E-mail: taylorp@motormart.com.zm

### Sawpower Co. Ltd.

Unit 3, Plot 133, Mwayi Rd.  
Cnr. Chandwe Musonda Rd.  
Villa Elizabetha, Lusaka

Tel: +260 211 233534

E-mail: sales.sawpower@gmail.com

### TractorZam Limited

Plot 1 Nkachibaya Roa  
Rhodespark, Off Addis Ababa  
Drive PO Box 353258, Lusaka  
Tel: +260 1 234782/779/977999006  
Fax: +260 1 225771  
E-mail: wilsonk@zamnet.zm

### Zambian Irritech Limited

Lusaka  
Tel: +260 211 273111

## Zimbabwe

### AFGRI Zimbabwe

Cnr. Auckland & Hermes Rd.  
Southerton Harare  
Tel: +263 773 930527  
Web: www.afgri.co.za  
E-mail: david.kelder@afgri.co.za

### Center Pivot Irrigation

Harare  
Tel: +263 4 305728

### Eqstra Agri

11, Gross Street  
Tunney Industrial Estate  
Elandsfontein  
Johannesburg, 1600  
Tel: +27 11 5528760  
Web: http://www.eiegroup.co.za/  
agriequipment/  
E-mail: leonb@sie.co.za

### Farmec

PO Box 590, Birmingham Road  
Southerton Harare, Harare  
Tel: +263 4 754612  
Fax: +263 4 754624  
E-mail: ladj@farmec.co.zw/  
maborekeg@farmec.co.zw

### Fumigation Services

7 St. James Building  
Harare Msasa, Borgward Road  
Tel: +263 4 487849  
Fax: +263 4 487851  
E-mail: fumigation@zol.co.zw

### Haingate Investments Pvt. Ltd.

2nd Floor Travel Plaza  
29 Mazoe Street  
Cnr Mazoe and  
J. Chinamano, Harare  
Tel: +263 4 705599

### Sawpower Blades

Stand 18423 Mukuvusi Ind P  
Msasa Harare  
Tel: +263 4 486892  
E-mail: ralphs@sawpower.com

### William Bain & Co. Holding (Pvt) Ltd.

35 Douglas Road  
Workington Harare  
Tel: +263 4 621081  
Fax: +263 4 621089  
E-mail: muniyaa@bain.co.zw



Premium Agriculture News In Real Time



# Listings

## Agricultural Consultancies

- ICS France
- Valtra Inc. - Africa

## Agricultural Equipment - General

- Alvan Blanch Development Ltd.
- Baldan/Pan Trade Services Ltd.
- Bentall Rowlands Storage Systems Ltd.
- Briggs & Stratton AG
- Case IH
- Deutz-Fahr
- Eurodrip SA
- Fairtrade GmbH & Co. KG
- ICS France
- Micron Group
- New Holland Agriculture
- Nogueira/Pan Trade Services Ltd.
- SAME
- Valtra Inc. - Africa

## Agricultural Projects

- Bentall Rowlands Storage Systems Ltd.
- Eurodrip SA
- ICS France
- Symaga SA

## Animal Health Products

- BioPoint
- Socorex Isba SA

## Applicators for Granular Insecticides, Herbicides

- Guarany Ind. Com. Ltd.

## Automatic Chain Feeders

- Big Dutchman International GmbH

## Bagging plant

- Bentall Rowlands Storage Systems Ltd.

## Bale Handling Equipment

- Nogueira/Pan Trade Services Ltd.

## Biofuel/Biodiesel

- Bentall Rowlands Storage Systems Ltd.

## Briquetting Plants

- Alvan Blanch Development Ltd.

## Bulk Storage Equipment

- Alvan Blanch Development Ltd.
- Bentall Rowlands Storage Systems Ltd.
- Chief Industries UK Ltd.
- KEPLER WEBER
- Symaga SA
- The GSI Group South Africa (Pty) Ltd.

## Cages & Batteries

- Big Dutchman International GmbH

## Cassava Processing Equipment

- Alvan Blanch Development Ltd.

## Centre Pivot Equipment

- Valmont Irrigation

## Cocoa Production

- Alvan Blanch Development Ltd.

## Coffee Processing, Handling & Storage

- Swingtec GmbH

## Computers & IT Equipment

- Big Dutchman International GmbH

## Conveyors and Elevators

- Awila Anlagenbau GmbH
- Big Dutchman International GmbH
- KEPLER WEBER
- Lubing Maschinenfabrik
- GmbH & Co. KG

## Coolers - Environmental

- Big Dutchman International GmbH

## Coolers - Evaporative

- Lubing Maschinenfabrik
- GmbH & Co. KG

## Cotton Handling & Storage

- Swingtec GmbH

## Crop Drying and Ventilation

- Alvan Blanch Development Ltd.
- The GSI Group South Africa (Pty) Ltd.

## Crop Handling & Storage

- Alvan Blanch Development Ltd.
- Bentall Rowlands Storage Systems Ltd.
- Chief Industries UK Ltd.
- Griffith Elder & Co. Ltd.
- Swingtec GmbH

## Crop Protection Equipment

- Bentall Rowlands Storage Systems Ltd.
- Jacto/Pan Trade Services Ltd.
- Swingtec GmbH

## Cultivators

- Baldan/Pan Trade Services Ltd.
- LEMKEN GmbH & Co. KG
- Poettinger

## Cultivators - Tined

- Bomford
- Briggs & Stratton AG
- Maschio Gaspardo S.p.A

## Disinfectants

- Intraco Ltd. n.v

## Drills

- Maschio Gaspardo S.p.A

## Drinking Systems

- Big Dutchman International GmbH
- Fairtrade GmbH & Co. KG
- Lubing Maschinenfabrik
- GmbH & Co. KG

## Dryers

- Alvan Blanch Development Ltd.

## Egg Collection

- Big Dutchman International GmbH

## Egg Layer Breeding Stocks

- Lohmann Tierzucht GmbH





### Egg Layer Parent Breeders - Brown

- Lohmann Tierzucht GmbH

### Egg Layer Parent Breeders - White

- Lohmann Tierzucht GmbH

### Egg Layers

- Lohmann Tierzucht GmbH

### Exhibitions and Conferences

- Fairtrade GmbH & Co. KG

### Extruders for Food, Feed

- Alvan Blanch Development Ltd.

### Feed Additives

- BioPoint
- Coprex
- Evonik Industries AG
- Intraco Ltd. n.v
- OLMIX
- Varied Industries Corporation (Vi-COR®)

### Feed Concentrates

- Intraco Ltd. n.v

### Feed Growth Promotant Probes

- Varied Industries Corporation (Vi-COR®)

### Feed Ingredients

- Coprex
- Intraco Ltd. n.v

### Feed Premixes

- Coprex
- Intraco Ltd. n.v

### Feed Processing Plants

- Alvan Blanch Development Ltd.
- Bentall Rowlands Storage Systems Ltd.

### Feed Supplements

- BioPoint
- Varied Industries Corporation (Vi-COR®)

### Feeding Systems

- Big Dutchman International GmbH

### Fertiliser Spreaders

- Baldan/Pan Trade Services Ltd.
- Guarany Ind. Com. Ltd.
- Maschio Gaspardo S.p.A
- PICHON

### Fertilisers

- Hebei Monband Water Soluble
- Fertilizer Co. Ltd.
- Omex Agrifluids Ltd.

### Fish Farming

- Socorex Isba SA

### Fish Feeds - General

- Alvan Blanch Development Ltd.

### Fogging Machines

- Big Dutchman International GmbH
- Swingtec GmbH

### Foliar Fertilisers

- Hebei Monband Water Soluble
- Fertilizer Co. Ltd.
- Omex Agrifluids Ltd.

### Food Processing Equipment

- F.H. Schule Muehlenbau GmbH

### Forage Harvesters

- Case IH
- New Holland Agriculture
- Nogueira/Pan Trade Services Ltd.
- Poettinger

### Forestry Equipment

- Bomford

- Guarany Ind. Com. Ltd.

- Valtra Inc. - Africa

### Fruit Processing

- Alvan Blanch Development Ltd.

### Generating Sets

- Briggs & Stratton AG

### Genetic Research

- Lohmann Tierzucht GmbH

### Grain - Drying & Ventilation

- Alvan Blanch Development Ltd.
- Bentall Rowlands Storage Systems Ltd.
- Chief Industries UK Ltd.
- KEPLER WEBER

### Grain - Handling, Cleaning & Processing

- Alvan Blanch Development Ltd.
- Awila Anlagenbau GmbH
- Bentall Rowlands Storage Systems Ltd.
- Chief Industries UK Ltd.
- F.H. Schule Muehlenbau GmbH
- KEPLER WEBER
- Privé SA

### Grains, Grain Projects & Edible Oils

- Bentall Rowlands Storage Systems Ltd.

### Grasscutting Machines - Forage

- Bomford
- Nogueira/Pan Trade Services Ltd.
- Poettinger

### Grasscutting Machines - Lawn

- Briggs & Stratton AG

### Groundnut Handling Equipment

- Alvan Blanch Development Ltd.

### Harrows



BALER-WRAPPER  
COMBINATION // LT-Master

GCWEIL

- Baldan/Pan Trade Services Ltd.
- John Deere (Pty) Ltd.

### Harvesting Equipment

- Alvan Blanch Development Ltd.
- Bentall Rowlands Storage Systems Ltd.
- Deutz-Fahr
- John Deere (Pty) Ltd.
- New Holland Agriculture
- Nogueira/Pan Trade Services Ltd.
- Bomford

### Horticultural Equipment & Machinery

- Guarany Ind. Com. Ltd.
- ICS France
- Micron Group
- Swingtec GmbH

### Horticultural Fertilisers

- Hebei Monband Water Soluble
- Fertilizer Co. Ltd.

### Integrated Pest Management

- Omex Agrifluids Ltd.
- Swingtec GmbH

### Irrigation & Drainage Systems

- Valmont Irrigation

### Irrigation Equipment

- Eurodrip SA
- ICS France
- Valmont Irrigation

### Maize Shellers

- Alvan Blanch Development Ltd.
- Bomford
- Nogueira/Pan Trade Services Ltd.

### Manure Composters & Dryers

- PICHON

### Material Handling

- Bentall Rowlands Storage Systems Ltd.
- PICHON

### Material Handling - Bulk

- Bentall Rowlands Storage Systems Ltd.

### Medicators

- Big Dutchman International GmbH

### Micronutrients

- Omex Agrifluids Ltd.

### Milk Replacers

- Coprex

### Milling & Mixing

- Alvan Blanch Development Ltd.
- Big Dutchman International GmbH

### Mills

- Alvan Blanch Development Ltd.
- Big Dutchman International GmbH
- Privé SA

### Mills - Grain

- Bentall Rowlands Storage Systems Ltd.
- F.H. Schule Muehlenbau GmbH
- Nogueira/Pan Trade Services Ltd.
- Privé SA
- Silos Cordoba S.L.

### Mills - Hammer

- Awila Anlagenbau GmbH
- Nogueira/Pan Trade Services Ltd.

### Monitoring Equipment

- Valmont Irrigation

### Oil Extraction Equipment

- Alvan Blanch Development Ltd.

### Packaging Machinery

- Fairtrade GmbH & Co. KG

### Palletizers

- Big Dutchman International GmbH

### Pelleting

- Alvan Blanch Development Ltd.
- Awila Anlagenbau GmbH

### Pig Equipment

- Big Dutchman International GmbH
- Lubing Maschinenfabrik
- GmbH & Co. KG
- Symaga SA

### Pig Feeding/Drinking Equipment

- Big Dutchman International GmbH
- The GSI Group South Africa (Pty) Ltd.

### Pig Flooring

- Big Dutchman International GmbH

### Pig Health Products

- OLMIX
- Socorex Isba SA

### Pig Housing

- Big Dutchman International GmbH
- Silos Cordoba S.L.

### Plant Protection Chemicals

- Omex Agrifluids Ltd.

### Planters

- Baldan/Pan Trade Services Ltd.
- John Deere (Pty) Ltd.
- Poettinger

### Plastic Flooring, Poultry

- Big Dutchman International GmbH

### Ploughs - Disc





- Baldan/Pan Trade Services Ltd.
- Vellag Ltd.

#### Ploughs - Mouldboard

- John Deere (Pty) Ltd.
- LEMKEN GmbH & Co. KG
- Poettinger

#### Poultry Consultancy Services

- BioPoint

#### Poultry Equipment - Drinking

- Big Dutchman International GmbH
- Lubing Maschinenfabrik GmbH & Co. KG
- Silos Cordoba S.L.
- The GSI Group South Africa (Pty) Ltd.

#### Poultry Equipment/Handling

- Bentall Rowlands Storage Systems Ltd.

#### Poultry Feeding

- Bentall Rowlands Storage Systems Ltd.
- Big Dutchman International GmbH

#### Poultry Health Products

- BioPoint
- OLMIX

#### Poultry Housing

- Big Dutchman International GmbH
- Silos Cordoba S.L.
- Symaga SA

#### Public Health

- Guarany Ind. Com. Ltd.
- Swingtec GmbH

#### Pumps

- Briggs & Stratton AG

#### Rice Parboilers

- F.H. Schule Muehlenbau GmbH SAME
- Rice Processing & Milling Equipment
- Alvan Blanch Development Ltd.
- Bentall Rowlands Storage Systems Ltd.
- F.H. Schule Muehlenbau GmbH

#### Rice Threshers

- Nogueira/Pan Trade Services Ltd.

#### Roll-out Nests

- Big Dutchman International GmbH

#### Seed

- ICS France

#### Seed Cleaning Equipment

- Alvan Blanch Development Ltd.

#### Seed Planting Equipment

- Baldan/Pan Trade Services Ltd.
- LEMKEN GmbH & Co. KG

#### Silos

- Alvan Blanch Development Ltd.
- Awila Anlagenbau GmbH
- Bentall Rowlands Storage Systems Ltd.
- Big Dutchman International GmbH
- Chief Industries UK Ltd.
- KEPLER WEBER
- Privé SA
- Silos Cordoba S.L.
- Symaga SA
- The GSI Group South Africa (Pty) Ltd.

#### Slurry Disposal

- PICHON



Since 1942, professionals from around the globe have trusted the durability and craftsmanship of AMS' soil sampling equipment. AMS offers a variety of tools for environmental & agricultural markets.

**AMS**  
Equipping the World to Sample the Earth

ams-samplers.com 

208.226.2017 

800.635.7330 

ams@ams-samplers.com 



### Soluble Fertilisers

- Hebei Monband Water Soluble
- Fertilizer Co. Ltd.
- Omex Agrifluids Ltd.

### Spare Parts for Fork Lift Trucks

Vellag Ltd.

### Sprayers

- GOIZPER GROUP
- Guarany Ind. Com. Ltd.
- LEMKEN GmbH & Co. KG
- Maschio Gaspardo S.p.A

### Sprayers - Crop

- GOIZPER GROUP
- Guarany Ind. Com. Ltd.
- Micron Group

### Spraying Nozzles & Components

- GOIZPER GROUP
- Guarany Ind. Com. Ltd.
- Micron Group

### Stored Products Protection

- Swingtec GmbH

### Sugar Cane Equipment

- Case IH

### Sugar Cubing Machinery

- Valtra Inc. - Africa

### Threshing Machines

- Nogueira/Pan Trade Services Ltd.

### Tillage

- LEMKEN GmbH & Co. KG
- Maschio Gaspardo S.p.A

### Trace Elements

- Hebei Monband Water Soluble
- Fertilizer Co. Ltd.
- OLMIX
- Omex Agrifluids Ltd.

### Tractors

- Case IH
- Deutz-Fahr
- John Deere (Pty) Ltd.
- New Holland Agriculture
- SAME
- Valtra Inc. - Africa
- Vellag Ltd.

### Tractors - Spare Parts/Attachments

- Case IH
- Deutz-Fahr
- New Holland Agriculture
- SAME
- Vellag Ltd.

### Trade Shows

- Fairtrade GmbH & Co. KG

### Traders in Agricultural Equipment, General

- Vellag Ltd.

### Turnkey Operations

- Bentall Rowlands Storage Systems Ltd.

### Turnkey Operations

- Agricultural/Industrial Schemes
- Bentall Rowlands Storage Systems Ltd.
- Valmont Irrigation

### ULV Spraying Equipment

- GOIZPER GROUP
- Guarany Ind. Com. Ltd.
- Swingtec GmbH

### Vacuum Cleaners

- PICHON

### Ventilating Equipment

- Big Dutchman International GmbH

### Veterinary Products/Equipment - General

- Socorex Isba SA

### Waste Disposal Equipment

- Big Dutchman International GmbH

### Weed Control

- GOIZPER GROUP

### Weighers - Animal

- Big Dutchman International GmbH
- Griffith Elder & Co. Ltd.

### Weighers - Grain

- Griffith Elder & Co. Ltd.

### Weighing - Sack Filling

- Alvan Blanch Development Ltd.
- Griffith Elder & Co. Ltd.

### Weighing Equipment

- Big Dutchman International GmbH
- Griffith Elder & Co. Ltd



# GCWEIL





Premium Agriculture News In Real Time

visit: [www.agrifocusafrica.com](http://www.agrifocusafrica.com)  
for more Real news in real time



**Head Office**

5 The Ferns, 364 Pretoria Avenue Randburg, 2194  
Mail: [Info@lothbrokmedia.com](mailto:Info@lothbrokmedia.com)  
[info@agrifocusafrica.com](mailto:info@agrifocusafrica.com)  
Tell: +27 68 081 6116 | [www.agrifocusafrica.com](http://www.agrifocusafrica.com)

**Zambia**

33 Malata Road, Madras, Lusaka,  
Zambia 3928  
Email Info: [Info@agrifocusafrica.com](mailto:Info@agrifocusafrica.com)  
Website: [Www.agrifocusafrica.com](http://Www.agrifocusafrica.com)



THE INTERNATIONAL EXHIBITION FOR ANIMAL PRODUCTION



**WE'LL MEET  
AGAIN!**



  
**SPACE**

**14-15-16 + 17  
SEPTEMBER 2021**

**RENNES - FRANCE**



[space.fr](https://space.fr)



@SPACERennes

#SPACE2021