

AGRI FOODSA MAG

FREE SUPPLIERS GUIDE

DEC '20 - JAN '21
Vol 5 • No 4

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Rumensin 200 Registration number: G1818 (Act 36/1947) Composition: Monensin sodium 200 g/kg

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Welcome to the December 2020 | January 2021 edition of the AGRIFOODSA Magazine.

2020 has been an exceptionally tumultuous year in the world's history and has impacted our country particularly hard. As some of you may know, one of the consequences of the COVID-19-related lockdown regulations has been that many businesses in the media, agricultural and related industries have been "locked out" of their livelihoods, which is why we, at AGRIFOODSA, are so incredibly proud and grateful to be able to bring you this 68-page suppliers guide, featuring 53 unique advertisers.

Our cover featured advertiser for this edition is MiPower. MiPower is a reliable supplier of power generators in Africa. Their products have been installed in homes, businesses, industrial and government facilities throughout Sub-Saharan Africa. The company is a division of Masala Ramabulana Holdings, well known for providing high-quality products in the medical sector in Africa and world-class powering solutions for communication, commercial, industrial and renewable energy markets. In cooperation with their clients, MiPower executes the entire project, from power audit and design to commissioning. Also, after the project phase, installations are in good hands with service and/ or planned maintenance at their workshops or on location. To find out more about their products and services, go to www.mipower.co.za.

Be on the lookout for our monthly AGRIFOODSA Newsletter, featuring our digital magazine, informative articles, exciting competitions and more. We're already reaching 25,000 South Africans nationwide, so to sign up to our newsletter, contact info@agrifoodsa.info.

Also be sure to head on over to our AFSA Facebook page (www.facebook.com/agrifoodsa) for more competitions, funnies, Advertiser Showcases and recipes, as well as helpful and informative articles uploaded on the daily.

We'd like to wish all of our readers and advertisers a very merry Christmas and a happy New Year. It is our sincere wishes that you all stay safe, recuperate and have a joyful festive time. We all certainly need it.

And lastly, as always, thank you so incredibly much for your continued support of AGRIFOODSA.

Warmest regards,

Chantell de Bruin

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: See Pages 24-25 for more



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Pat Hinde Toyota Springs

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AGRI FOODSA INFO

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Met 2020 agter die rug, wil ons graag vir u 'n rustige en veilige feesseisoen toewens. Mag 2021 vir u nuwe hoop inhou, 'n groter oes, meer tyd saam met u geliefdes en goeie gesondheid.

Geseënde Kersfees

PlusNet bedank u vir u getroue ondersteuning gedurende 2020 en ons sien uit om 2021 saam met u aan te pak.



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PRICES INCLUDES:

Installation | 50 mm Outlet | 40 mm Overflow | Zinc sheets | Lining | Hardware | VAT
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SPECIFICATIONS OF AGRICULTURAL RESERVOIRS

We use only the best raw materials to ensure a durable product. For our new reservoirs we only use 0.8 mm ZincAl sheet with a life expectancy of 2 to 4 times that of ordinary galvanized sheets.

For both zinc and concrete reservoirs we use the same PVC coated material specified at 850 GSM (gram per square meter). This material is specially formulated for water reservoirs to ensure maximum service life. Take note that this material is not suitable for human consumption. We do offer a food grade option on special enquiries.



WE WISH OUR CLIENTS PEACE, GOOD WILL AND HAPPINESS. MERRY CHRISTMAS!



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Contact us for more information:

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SCAN ME



Technopol SA, founded in 1993, is primarily involved in the manufacturing of Expanded Polystyrene (EPS) and value-added products based on EPS. We also manufacturer value added product using PIR and Rockwool. We specialize in creating innovative building solutions that are energy saving and environmentally friendly.

Our vision is to exceed customer expectations for quality, safety, sustainability, cost, delivery, value and to become the supplier — and inspirer — of choice for Expanded Polystyrene (EPS) blocks; EPS sheets; EPS cornice; Insulated ceiling solutions; Adhesives and Polymers and Roof solutions, through leadership and innovation.

Our LiteCel® range of Expanded Polystyrene foams find application in a hugely diverse range of applications from Void Filling, (Geolite®) covered with soil and concrete, Thermal Insulation cores for Wall Insulation products, (LiteCore® and Nuwall®), Floor Insulation and Roof and Ceiling Insulation, (LiteSpan®, PolyCool® and SuperCool®), special Agrément Certified IBT building system and decorative products.

At Technopol SA we provide purpose designed products to our customers that wish to construct with Innovative Building Technologies. All new buildings in South Africa must now meet the energy efficiency standards as set out in SANS 10 400 Part XA.

At Technopol we also want to see people impart energy efficiency and thermal comfort into their dwellings and businesses by presenting cost effective fit for purpose products to the market. We don't believe in a one-size-fits-all approach, but rather to provide the customer with a solution specific to their unique and diverse requirements.

We use best practise and proven methodologies to:

- Analyse the needs of our customers and resolve any problems that arise.
- Use the above analytical data, and facts to plot the best possible solution.
- Use a strategic approach to show the customer exactly how we can assist them to reduce their building costs and be more energy efficient.
- Show the customer a roadmap of how we can partner with them, in order to make sure that we continuously add value, and assist them to have an on-going and innovative approach to achieving their building objectives.

At Technopol SA we continuously strive to be at the forefront of pioneering the next level of value, and customer centric solutions to offer to the market. We don't change the


customer's needs to suit our product; we tailor the solution to suit the customer's needs.

Technopol SA is committed to supporting the communities within which we operate. We believe in the practice of social responsibility and encourage similar behaviour in our employees and suppliers. We support the conservation of the physical environment and the prevention of pollution at our facilities; and as such our environmental commitments include:

- To constantly increase environmental consciousness and application in all personnel
- To achieve an environmentally friendly work place in order to promote Quality of Life for all employees.
- To constantly strive to reduce any negative environmental impact of our products and processes.
- To continue to invest in improved energy efficiency and energy conservation.
- To conserve natural resources through efficient use and careful planning
- To control the creation of waste and, wherever practicable, recycle materials and waste. Hazardous Waste and effluents will be disposed of in a safe and responsible manner.
- To eliminate or reduce as far as possible the release of emissions or any pollutant that may cause environmental damage.
- To assess new processes for possible negative environmental impact before introduction.
- To undertake regular environmental monitoring and auditing of our activities.
- To adapt to climate change and to ensure mitigation in respect of climate change.
- To protect the biodiversity and ecosystems.
- Life cycle thinking

To date, Technopol SA is the only Thermal Insulation Manufacturer in South Africa that has an Integrated Management System that is ISO 9001, ISO 14001 and ISO 45001 Standards certified.

Technopol SA has a team of trained specialists, engineers and technicians who have built the necessary portfolio of experience to provide suitable solutions to any project. Our employees are motivated and active problem solvers.



After the craziness of the past year we wish
our clients good health and prosperity.

Merry Christmas from
TECHNOPOL!

One of the factors critical to Technopol SA's success was its decision to distribute its products not only to the South African market, but also Namibia, Swaziland, Lesotho, Botswana, Zimbabwe and Zambia. At our plant in Springs, we undertake a number of rigorous quality checks on all our products in our own laboratory. Only after these checks have been completed will the products be distributed to our customers.



FERTASA

Fertilizer Association of Southern Africa

FERTASA, certified credibility.

**WE STAND FOR THE PROTECTION OF
THE SUSTAINABLE USE OF FERTILIZER.**

**FERTASA and its members are committed to the promotion
of sustainable soil fertility and enhanced plant nutrition.**



Who are we?

FERTASA MEMBERS ARE COMMITTED TO:

- A code of conduct.
- A set of standards audited by an independent compliance management body.
- Quality products.
- Relevant scientifically-based recommendations.
- Continual learning and improvement.
- Complying with all legal requirements.

Structure of Fertasa

Fertasa is managed and directed by a Board of Directors who are elected by and representative of the ordinary members. The Board of Directors report to the Management Committee which comprises representatives from all ordinary and affiliate members. The Management Committee appoints operational committees to attend to various aspects of the business of Fertasa.

Purpose

Fertasa is a recognised and preferred body aimed at promoting the image of the fertilizer industry through:

- Promoting the integrity of each member and building preferential trust for their products and services.
- Enhancing and protecting the interest of its members through effective engagement with government and organised agriculture.

Mission

To provide a credible platform to promote the responsible and sustainable use of fertilizers.

Vision

To be recognised as the representative voice for the fertilizer industry and as the stamp of

approval for responsible and sustainable soil fertility and plant nutrition in Southern Africa.

Board of Directors

The Board of directors manages and directs the business and affairs of Fertasa. The Board comprises six (6) directors, and one (1) executive director (the Chief Executive Officer of Fertasa). The directors are elected by the ordinary members with equal representation from both smaller and larger member companies.

Core Functions

- Actively promote the agro-economic and environmentally accountable fertilizer and aglime practices;
- Develop a positive public awareness and acceptance of the need for fertilizer and aglime use in food production;
- Improve the operating environment within which its constituent industries operate in a spirit of free enterprise and fair trade;
- Assimilate, adds value to and disseminates fertilizer and aglime related information;
- Provide a discussion forum for its members and other parties on all aspects relating to fertilizer and aglime distribution, agronomic advice and product quality.

www.fertasa.co.za

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SAFE, SMOOTH AND RELIABLE
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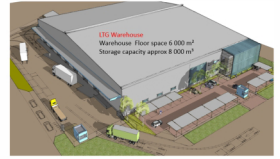


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LTG Logistics Transport Globally (Pty) Ltd

LTG Logistics Transport Globally (PTY) Ltd is a South African freight forwarding & clearing company based in Gauteng with its headquarters in Rosslyn. It is thus part of a highly competitive logistical industry in which many multi-nationals / global forwarders participate.



LTG was established in 2006 with the main focus to serve the automotive industry. This meant that the company had to abide to the dynamics of this very competitive market, which is cost efficiency, reliability and flexibility.

With the extensive knowledge and experience gained in the automotive supply chain, LTG has since expanded their offering into the mining, engineering, agricultural, perishable, general and other industries. With more than 100 permanent clients today and managing all modes of freight, from sea- and airfreights, imports and exports, local and cross-country distributions, LTG has become a noticeable competitor in the logistical environment.

Above reputation has subsequently led to LTG becoming an important external partner of BMW SA in Rosslyn in that their warehouse is used for additional storage of parts and two global suppliers for the BMW X3 program are using their facility to perform some value adding processes.

The passion, dedication and fully understanding

the client's needs, has put the employees on the forefront of the LTG success. The availability to support has no boundaries and teamwork is expressed daily with belief, honour and respect towards each stakeholder.

At LTG client service is the key factor to retain its client base. Each client is treated as if it's the only one LTG has, ensuring that a strong relationship is built by attending to the client's unique situation and requirements. LTG makes a point of visiting clients regularly and developing personal business relationships. Communication is key, whether it being a compliment or complaint, the reaction will be in a professional manner to resolve any issues without delay. All visits are recorded on the company's CRM system and follow ups are done on a regular basis. This also allows LTG to continuously improve processes to deliver better results.

With above characteristics in place and adding their BBBEE Level 2 compliance as well as their ISO 9001 certification, LTG is a "must have" on your supplier list!



We consider ourselves blessed as the year 2020 passes. Thank you to all our clients for their valued support through a difficult time.

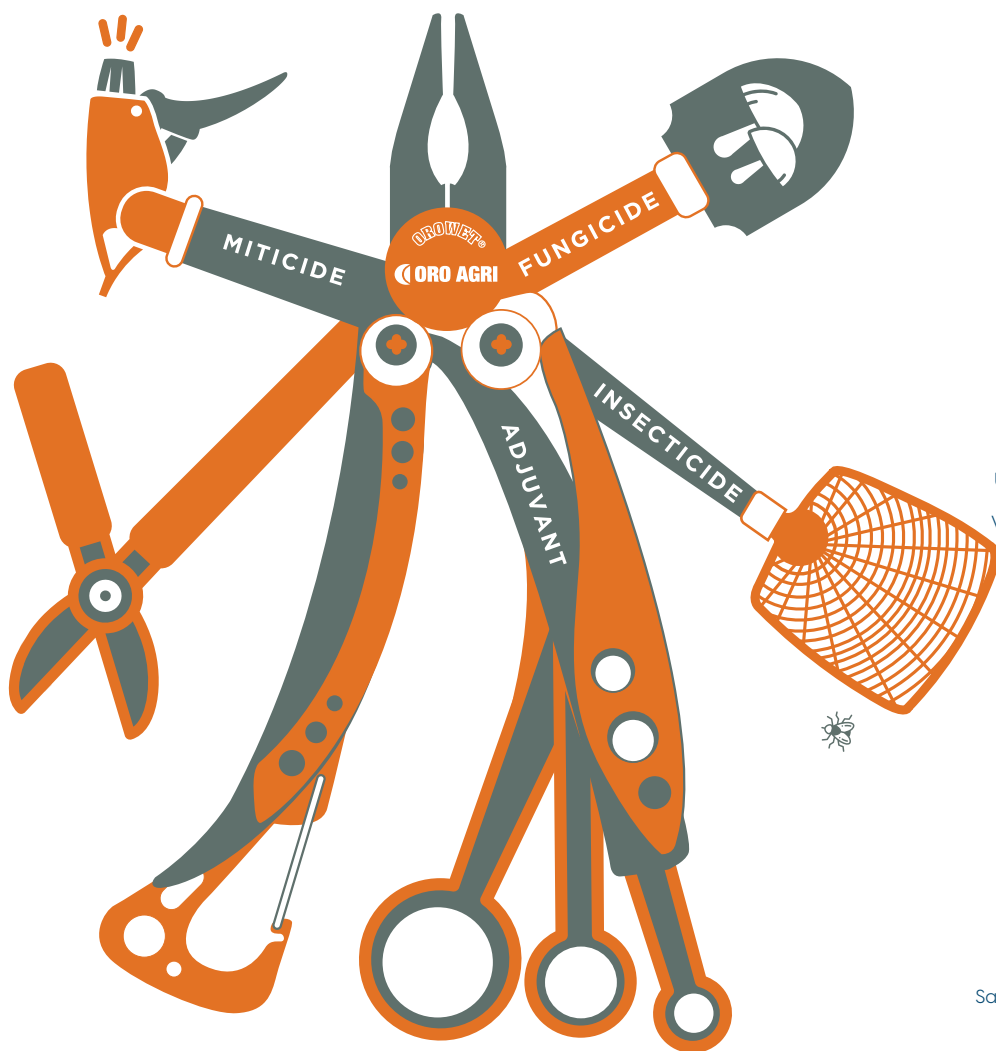
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HAPPY HOLIDAYS**

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ORO AGRI

Registration (ActNo 36 of 1947) LIO448 CAUTION WETCIT DUO contains 50 g/L Orange oil and 68 g/L Non-ionic surfactant. CAUTION Copyright © NOVEMBER 2020. All rights reserved. WETCIT DUO, ORO AGRI and OROWET are registered trademarks of Oro Agri SA (Pty) Ltd, P.O. Box 475, Somerset Mall 7173

THE ORO AGRI WAY

Agriculture is under pressure to optimise pesticide and fertiliser usage whilst increasing crop yields to feed a growing world population. There is a move towards a more responsible and sustainable approach of cultivating crops that protect the environment and its precious resources.

Demand for agricultural products is underpinned by the increasing emphasis on nutrient and water-use efficiency, coupled with the rising demand for products that are produced in a sustainable way.

Since 2002, Oro Agri's approach is to work hand in hand with the farmer to systematically address each point of influence in the growing of crops in a sustainable and responsible manner. Many of the tools and techniques Oro Agri provides simply unlock nature's potential and the genetic potential of the crop.

Oro Agri SA's mantra is sustainability. Whether it is the environment or the farmer's livelihood, the company is working hard to bring innovative crop protection and yield enhancing solutions to the marketplace.

To support this vision of sustainability and innovation, Oro Agri is one of only a very few agrochemical companies in South Africa with its own in-house Research and Development team. With state-of-the-art formulation and development laboratories, as well as

manufacturing facilities here in South Africa, Oro Agri is able to deliver a range of highly effective, low environmental impact products that were extensively tested in both lab and field trials throughout South Africa. All the products they sell, are registered for use in South Africa, and has been tested rigorously under a range of South African conditions.

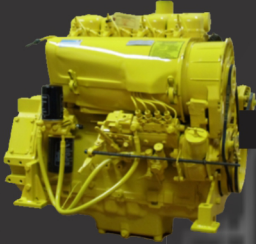
Oro Agri also boasts a team of field specialists who conduct demo trials to show farmers and clients the benefits of the company's range of agrochemical products. Oro Agri does not believe in selling once-off products. Customers can tap into Oro Agri's wealth of knowledge and expertise through a team of trained technical account managers.

As a market leader in developing reduced risk, ecologically benign crop protection products, bio-stimulants and soil conditioners for large-scale agriculture throughout sub-Saharan Africa, Oro Agri works closely with customers to improve the performance of their crops. Currently, Oro Agri is working on an extensive product range that will support the following pillars: plant health (pest control, stress management and plant improvement), soil health (Rhizosphere management, root health and soil biology), and water management (irrigation efficiency, less wastage, and more yield per litre) all whilst supporting customer sustainability (quality, marketability, production efficiency and return on investment).

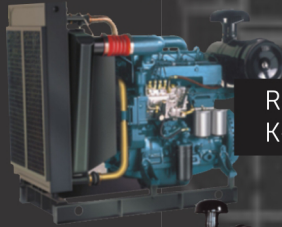




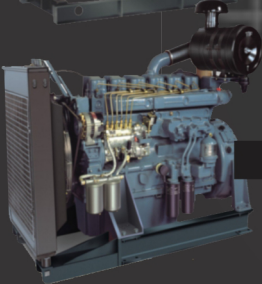
RELIABLE DIESEL ENGINES



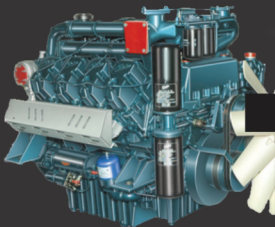
HA-Series: 14.0kW to 89.0kW



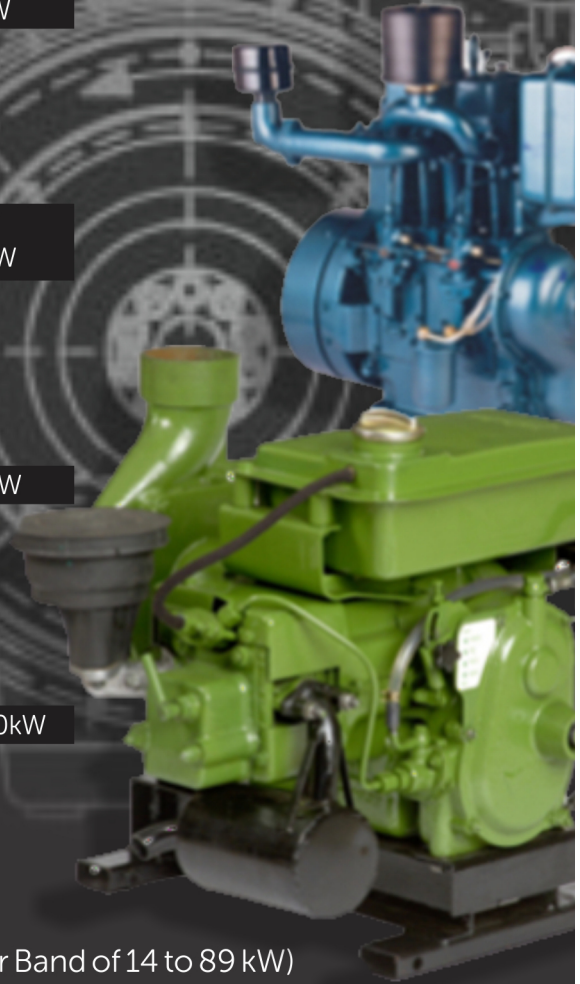
R-Series: 18.5kW to 118.0kW
K-Series: 135.0kW to 160.0kW



SL-Series: 173.7kW to 222.3kW



DV-Series: 360.0kW to 889.0kW



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For more information contact Theo Bezuidenhout:
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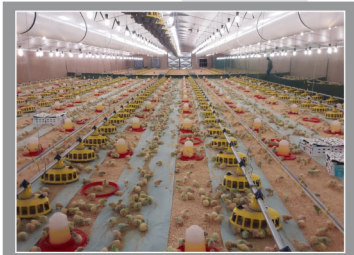
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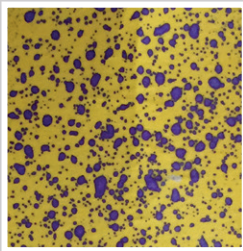
Foto Krediet: Dr. G. Prinsloo, L.N.R. Kleingraansentrum

HAWERPLANTLUIS

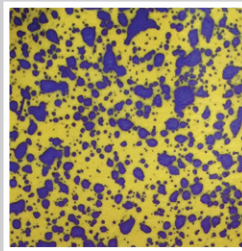


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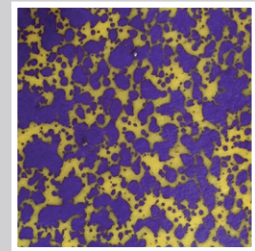
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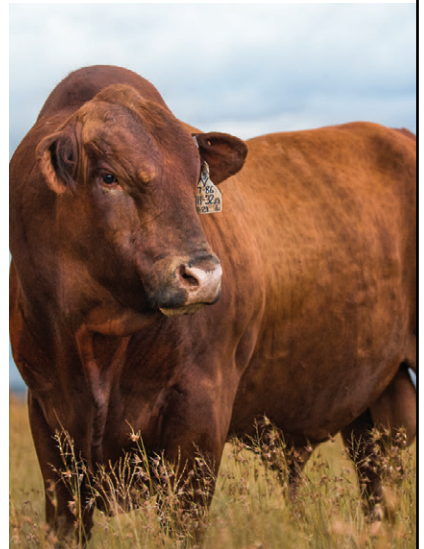
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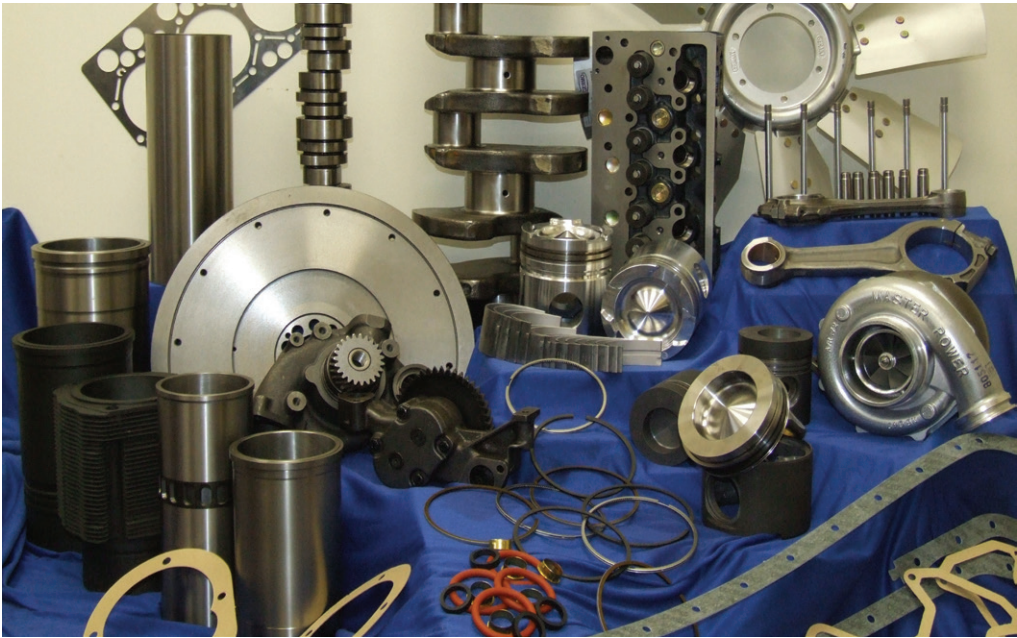
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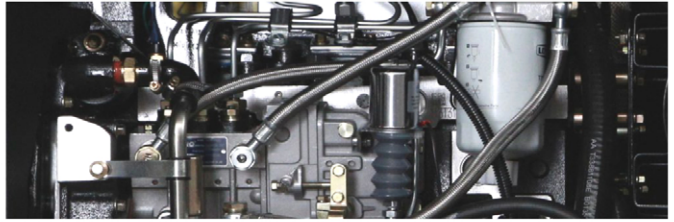
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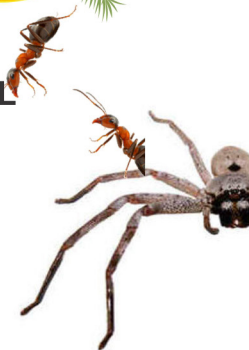
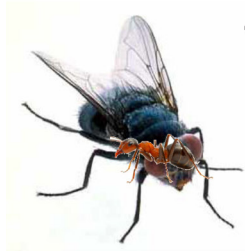


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Selfs wanneer Suid-Afrika as geheel 'n rekordmielie-oes beleef, is daar produsente wat die knie voor droogtetoestande moet buig. Gelukkig kon Syngenta se AgriClime tot heelwat van hierdie produsente se redding kom met totale uitbetalings van amper R5 miljoen aan produsente in die afgelope seisoen.

Volgens Muntingh Hamman, Syngenta se produkbestuurder (westelike streek), het 252 produsente in die somerreëvalgebied by AgriClime aangesluit in die 2019/2020-seisoen. In die Kaap, waar die aanbieding op beperkte skaal getoets is, het 14 produsente deelgeneem.

Syngenta is ook baie tevrede met die resultate wat hierdie innoverende finansiële oplossing vir produsente gelewer het. Hamman bevestig dat 2019/2020 oor die algemeen 'n goeie mieliejaar was, maar AgriClime het ten spyte daarvan tot die redding van heelparty produsente gekom.

“In die Kaap het al 14 oefenlopie-produsente 'n kontant-uitbetaling ontvang wat gemiddeld gelykstaande aan 10% van hul Syngenta-aankope was,” sê Hamman. “Syngenta het in totaal amper R438 000 uitbetaal.” Dat die toets in die Kaap 'n sukses was, blyk uit die meer as 60 produsente wat reeds by AgriClime aangesluit het vir die 2020/2021-seisoen.

In die somer reëvalgebiede van die land het die somtotaal van die uitbetalings net bietjie meer as R4.5 miljoen beloop. Produsente in die die weste het R1.67 miljoen gekry en dié in die ooste R2.8 miljoen.

AgriClime is 'n finansiële oplossing waardeur die risiko van opbrengsverliese weens droogte gesamentlik deur Syngenta en die produsent gedra word. Deur die gebruik van moderne satelliettechnologie, kan produsente ten minste 'n gedeelte van hul gewasbeskermingsinsette herwin indien die weer nie saamspeel nie.

Die program is gegrond op spesifieke koördinaatpunte op die produsent se land wat die stelsel dan na 'n kwadrant van 5 km x 5 km verwerk. Die kwadrant se gemiddelde reënval oor 20 jaar word oor 'n gegewe jaarlikse periode (die risikotydsperk) wat die produsent vooraf gekies het, bepaal, byvoorbeeld 1 Augustus tot 15 September.

Die gemiddelde reënval word dan vergelyk met satellietdata



van die werklike reënval vir die kwadrant in daardie tydperk. Indien die reënval minder as 20% van die gemiddelde reënval oor 20 jaar is, is 'n persentasie-uitbetaling ter sake.

“Hoe verder jy onder die reënval uitbetalingspunt tydens die risikoperiode is, en hoe laer jou reënval is, hoe groter is die uitbetaling wat jy terugkry op jou Syngenta-aankope,” verduidelik Hamman.

Die finale berekening is gegrond op die totale waarde van die produsent se Syngenta produk-aankope en die uitbetaling kan tot soveel as 27% van die aankoopwaarde wees.

“Die denke wat tot AgriClime gelei het, is eenvoudig,” sê Hamman. “Ons wil hê dat produsente te alle tye met vertroue in Syngenta-produkte kan belê omdat hulle weet dat Syngenta saam met hulle staan wanneer die reën wegbly. Finansiële oplossings wat produsente in staat stel om maksimum opbrengs en gewaskwaliteit te behaal, help verder om ons doelwit van voedselsekureit te bereik.”

Produsente wat belang stel om in die 2020/2021-seisoen aan AgriClime deel te neem, kan hul naaste Syngenta-agent kontak om die volledige besonderhede te kry. Bepalings en voorwaardes geld.

GESEËNDE KERSFEES EN VOORSPOEDIGE NUWE JAAR AAN AL ONS KLIËNTE.

Baie dankie vir julle getroue ondersteuning gedurende die COVID-19 pandemie-tydperk

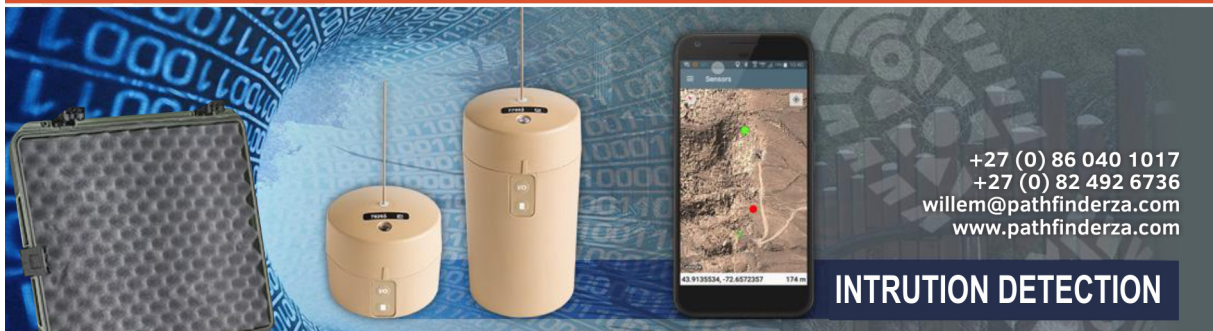


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The sensors, when placed in rural areas, detect human footsteps and off-road vehicles and then send the alerts directly to your computer or cellular device.

If you're looking for an affordable, simple solution to stop crime "before the act" rather than "after the fact", then you're going to need the Pathfinder ground sensor.

The sensors, when placed in rural areas, detect human footsteps and off road vehicles and then send the alerts directly to your computer or cellular device.

No matter whether footsteps or vehicles, the Pathfinder sensors are on guard 24 HOURS a day and, when buried and left unattended, will provide detection for up to two years on a single battery.

Proven by the US military for use in protecting forward operating bases and combat outposts,

Pathfinder is now available for commercial security applications to protect everything from guarded facilities and critical infrastructure - to large private property owners and their assets.

To be successful, threats require two factors... the element of surprise and the capability to manoeuvre. Pathfinder eliminates both and allows you to monitor threat activities and determine intent long BEFORE damage is caused or harm inflicted.

Pathfinder's transmission capability and low power requirement allow sensors to be placed far away from the protected asset, allowing response teams sufficient early

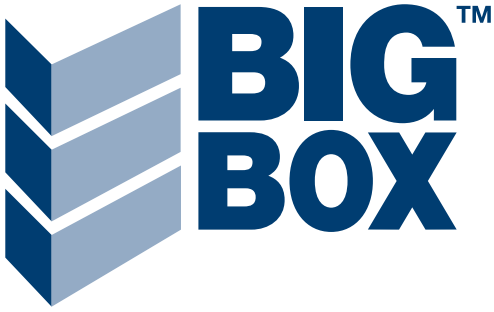
warning and ample time to respond. Response teams can also determine where the threat was initiated.

Know precisely when and where your perimeter was breached and be able to react instantaneously. Sensors use a proprietary, patented RF device, capable of detecting threats more than 10 km away and can be used to trigger cameras, radars, and drones.



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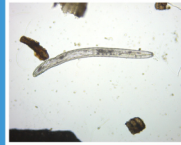
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Protect your orchard with Agricultural Shade Net

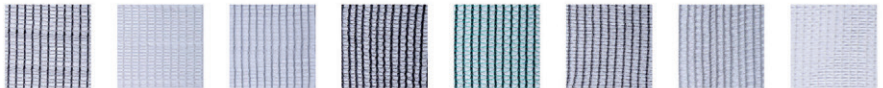


Protect your orchard from environmental hazards such as wind, hail, sandstorms and sleet

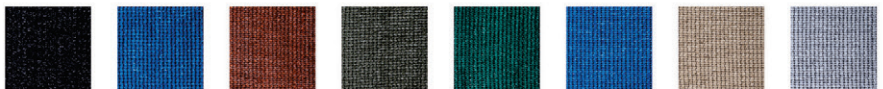
Nets not only protect citrus and blossoms from environmental hazards, but also protect the orchard from high solar radiation.

Thanks to the physical protection and the creation of a friendlier microclimate, it significantly improves the performance of the orchard / vineyard.

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Our Deco+ range:



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We wish you a safe and peaceful festive season.
May 2021 be filled with new hope, more time with loved ones
and good health.



*Blessed
Christmas*

On behalf of PlusNet, we thank you for your continued support
during 2020 and we look forward to tackle 2021 alongside you.



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If you don't want to spend a fortune and need to plant any of the following seeds: maize, beans, small grains or apply fertiliser (granular) with seed - then inquire about the Piket Implements' Economy No Till Maize Planter. It is robust and strong, built for Africa's hard conditions, with low maintenance and also has adjustable depth control. This planter comes in a 1-row, 2-row, 3-row, 4-row, 5-row and 6-row option. It has three hoppers for application of seed, fine seed and

fertiliser (granular). This planter's abilities exceed all expectations. The planter's operation unit consists of a 3-point toolbar, press wheel, 3 hoppers, seed and fertiliser boots, tine and coulter. Spare parts are generally available.

No till planting is economic, effective and environmentally friendly, but if you are still not convinced by converting to "no till farming", all Piket Implements planters can be set up for conventional usage too!

The Piket Economy No Till Maize Planter was designed to be used on smaller farms making use of tractor traction. Piket Implements get many orders for 1-row planters, used to plant a single row on an already planted field and to fill in the missing rows.

For more information contact:
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WARM WISHES

We extend our warmest wishes for the Holiday Season to our clients who have made our progress through a difficult 2020 possible. May our relationship grow to new strengths in 2021.

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Sweet Betty is a high yielding **sorghum x sorghum** hybrid. Its high sugar levels enhance the energy value of the crop while also making it a palatable forage.

A high stem to leaf ratio with juicy stalks further enhances the desirability of this excellent forage. Sweet Betty makes for an **excellent silage**, however, it can also be grazed, cut for green chop or cut and baled for hay.

	Poor	Fair	Good	Very Good	Excellent
Palatability					
Digestibility					
Silage					
Standability					
Seedling Vigour					
Intensive Grazing					
Range Grazing					
Hay Production					

Management

The sorghum plant should not be grazed or cut below 15cm height. When the plant reaches a height of approximately 1m, the first grazing or cutting activity can commence. By allowing the plant to grow to 1m, the plant productivity is enhanced, and the risk of prussic acid poisoning (HCN) declines. Prussic acid poisoning is most prominent in plants that are shorter than 60cm, moisture stressed or frost damaged. Cutting or grazing when the plant is 60-120cm high will maintain the best quality forage.



Seeding:

Seeds should be sowed shallow in moistened soil. The soil temperature should be >15°C for adequate germination and growth.

Planting rates:

12-15kg/ha for dryland
20-25 kg/ha under irrigation

One kilogram of seed contains approximately 30 000 seeds.



Contact:

Stephan Botha

Telephone:

+27 (0) 11 762 5261

Email:

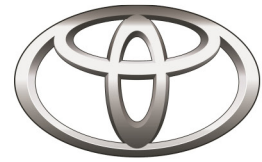
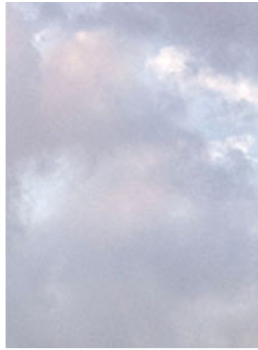
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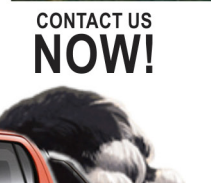
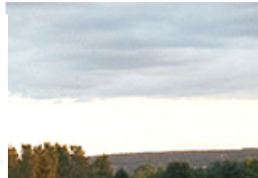
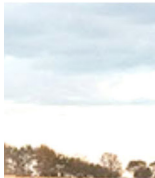
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Met 'n toenemend groeiende wêreldbevolking, bly ons verantwoordelikheid om die wêreld te voed en die planeet te beskerm, ten spyte van ekonomiese hindernisse, beperkte bewerkbare grond en skaars hulpbronne.

Om sterk verhoudings met ons kliënte te smee, om in mekaar te belê en vertroue op te bou, lei tot volgehoue sukses, want ons glo ... deur saam te werk, kan ons 'n werklike verskil maak.

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Yara Animal Nutrition (Edms) Bpk., Reg. No. 2001/025850/07

KNOWLEDGE GROWS

This is Yara's mission and is both simple and very ambitious.

YARA Animal Nutrition grows knowledge to responsibly feed the world and protect the planet, to fulfill our vision of a collaborative society, a world without hunger and a planet respected.

To meet these commitments, YARA has taken the lead in developing digital farming tools for precision farming and work closely with partners throughout the whole food value chain to develop more climate-friendly crop nutrition solutions.

In addition, YARA are committed to working towards sustainable mineral fertiliser production. YARA foster an open culture of diversity and inclusion that promotes the safety and integrity of their employees, contractors, business partners, and society at large.

Founded in 1905 to solve the emerging famine in Europe, Yara has a worldwide presence with about 17,000 employees and operations in over 60 countries.

Yara Animal Nutrition's operations in South Africa include a raw materials processing plant and sales office in Umbogintwini near Durban, as well as distribution depots across the country.

Selling mineral feed supplements to feed producers and farmers across Southern Africa with sales in Australia, New-Zealand, Middle East and Argentina. Globally, Yara Animal Nutrition sells to over 70 countries and

controls wholly-owned phosphate mining and production assets in Europe and the Americas.

Yara South Africa is ISO14001 and ISO9001 certified. Also certified with Afri Compliance and are an approved Veterinary Establishment for Exports.

As part of a leading international player in the industry with more than 7500 employees in 50 countries around the world, Yara Animal Nutrition South Africa recognizes and promotes high performance and high ethical standards among leaders and employees at all levels.

KK Animal Nutrition, South Africa's leading producer of quality inorganic feed phosphates, became a wholly-owned subsidiary of Yara International ASA in 2008, renaming to Yara Animal Nutrition.

All their Phosphate mineral supplementation products are made from a high-quality phosphate source and has a high trace mineral inclusion that will ensure good health, fertility and growth.

The PhosSure range also ensure that animals get the required minerals no matter rain or sunshine.

Make use of your own farm produced products together with Yara Animal Nutrition South Africa's products and proven recipes to mix your own economical, quality supplementation or complete feeds.



It is the most dysfunctional time of the year

Yara Animal Nutrition wishes you a Merry Christmas and a safe and Happy New Year!



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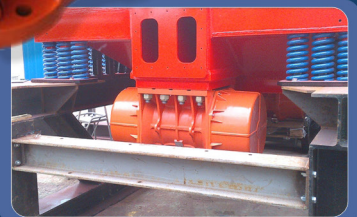
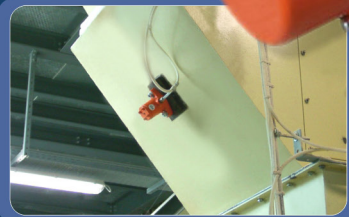
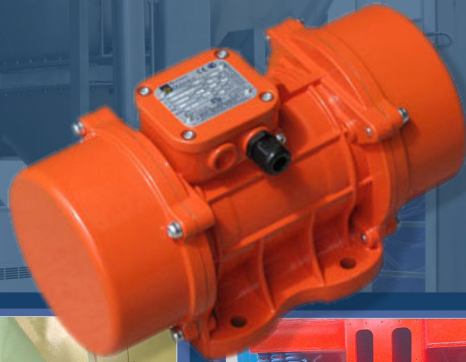
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As a global player in industrial vibration technology, with three manufacturing sites and eighteen trading subsidiaries, it is OLI's goal to provide excellent value to our customers.

OLI has been committed to delivering high-quality market-orientated products since being founded in 1961, but is aware that excellent customer service is of pivotal importance. The OLI product is distributed in Southern Africa by its subsidiary in Gauteng, South Africa.

The OLI product meets the high demands of the South African climate. Its high-quality products and equipment that can withstand our harsh operating environment. As a strong believer in innovation, OLI is constantly striving to be ahead of the curve.

It is this drive for innovation that allows us to now offer stainless steel motors to industry for clean and efficient plant operation.

We also offer a range of flanged mounted electric vibrators,

specifically designed to be retro-fitted to existing equipment in a number of industries and sectors.

Our other offerings - pneumatic hammers and linear pneumatic vibrators - reduces numerous material flow headaches in plants. Identifying the customers' needs is a priority; achieving a partnership built on trust is the reward. By supplying competitive, high-quality products for wide-ranging applications, OLI combines performance and reliability by adapting to the ever-changing market.

The key centrepiece of OLI's business strategy is rapid stock delivery, any time, any place in the world. With its skilled competence and valuable knowledge of the industry, OLI is a credible expert when it comes to assistance in finding the most suitable solution to each individual customer's request.

As all OLI's products are market-orientated, this affords the company knowledge of numerous applications and industries.

WE ALL SURVIVED THIS CRAZY YEAR AND MADE THE MOST OF IT, WHILST WORKING REMOTELY IN A VERY DIFFICULT 2020.

Our team at OLI SA want to thank all our clients for their loyal support during Covid-19.

Merry Christmas to you all!

**WHEN YOU NEED IT, WHERE YOU NEED IT!
THE MISSION STATEMENT THAT GIVES OLI THE EDGE OVER ITS COMPETITORS**



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AFGRI Retail provides a wide range of relevant, quality products and excellent service to South African farmers.

AFGRI Retail has a footprint of 33 stores and 28 filling stations in Gauteng, KwaZulu-Natal, the eastern part of the Free State and Mpumalanga.

Our product range consists of: Inputs (including fertilizers, chemicals, seeds and fuel), DIY products, animal feed and animal medicine, equipment, financing and insurance.




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VIR DIE BOER



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MERRY

Christmas

Wish you all the best this holiday season!
Have a prosperous New Year!



Thank you for your loyal support.

PLEASE TAKE NOTE

Our offices will be closed for the festive season break: 14 December - 31 December 2020

AGRICULTURAL PRODUCE AGENTS COUNCIL

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TEYME OOR DIE RY-SPUITPOMP



TEYME GTE



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Die Teyme GTE suijpomp is beskikbaar in 2000lt, 3000lt en 4000lt suijpompe en is gebruik vir sitrus- en neutbome van plusminus 20 meter hoog.

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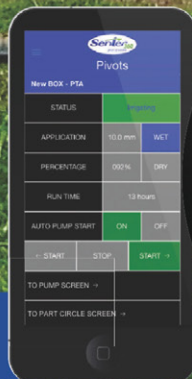


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WWW.SENTER360.CO.ZA

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+27 (0) 18 469 1331 | +27 (0) 82 564 5955



'n Nuwe
beheerstelsel
met **omvattende
selfoon-/internet-
kommunikasie...**
en dit is **standaard-
toerusting****

**Terme en voorwaardes geld

BY SENTER360 IS ONS TROTS DAAROP DAT ONS NIE SLEGS PRODUKTE VERKOOP NIE, MAAR DAT ONS OOK LANGTERMYN VERHOUDINGS MET ONS KLIËNTE BOU DEUR 'N WAARDEPAKKET VAN UITSTEKENDE KWALITEIT EN DIENSTE VERSKAF.

Die SENTER360 spilpunt wat sedert 1994 in Suid-Afrika ontwerp en vervaardig word, is bekend vir sy uitmuntende kwaliteit en sterkte bo industrie-standaarde. Vir meer as vyf-en-twintig jaar is ons al deel van die besproeiingsbedryf. Ons het groeiende besigheidsbelange in Suid-Afrika, Afrika en die res van die wêreld.

By SENTER 360 is spilpunte vir ons 'n passie. Juis daarom bou ons nie net 'n sterk en taai struktuur nie, maar ons bestee ook heelwat tyd en aandag aan die klein besonderhede wat 'n groot verkil in jou alledaagse lewe kan maak.

STRUKTURELE STABILITEIT

SENER360 se vakwerkysters is van pyp vervaardig wat ligter as die algemeen gebruikte hoekysters is. Dit bied ons die voordeel om twee stelde vakwerkysters meer per toring te gebruik wat sorg dat die struktuur buitengewoon sterk is. Boonop het die pypstruktuur minder windweerstand en is dit die rede waarom SENTER360 spilpunte windsnelhede van 158 km per uur (in die veld gemeet) kan weerstaan sonder enige skade; weereens ook die rede waarom geen SENTER360 spilpunt in die onlangse stormwinde omgewaai het nie (die enigste fabrikaat wat bly staan het!). Standaard langer aandryfbalke, stewige toringstutte, stabiliseringstawe en diagonale dra by tot dié uitsonderlike standvastigheid.



INNOVERENDE BEHEERPANEELREKES

Die beginsel van eenvoudige modulêre ontwerp, wat die grondslag van die hele SENTER360 spilpuntontwerp uitmaak, word ook op ons beheerpaneelreke toegepas.

As "basiese" beheerpaneel gebruik SENTER360 'n paneel vergelykbaar met die topreke van ander fabrikate. Dit het as standaard funksies

- aan/af-sit
- terugvoer as die spilpunt staan
- direkte mm verstelling
- posisie bepaling
- druk-aansakel en laedruk skakeling
- kan deelsirkels en sektore met variërende mm op elke sektor besproei outomatiese omdraai met variërende mm met die omdraai
- skeduleringsopsies, en vele meer!

Alle SENTER360 panele kan met jou selfoon*, tablet*, rekenaar of basisstasie beheer word deur 'n van-die-rak Kommunikasie-eenheid van jou keuse (GPRS/selfoon-netwerk, Wi-Fi of radio-eenheid) op enige nuwe of bestaande** SENTER360 beheerpaneel in te prop.

Volle pompbeheer, VSD-beheer en

terugvoer is ook beskikbaar op dieselfde stelsel.

* (Android, IOS en ander)

** (Ouer panele se beheer is beperk tot aan/af, mm verstelling, loop/staan terugrapportering)



"LAASTE SPUIT" OPLOSSING

Een van die meer algemene probleme met spilpunte is dat die laaste spuit geneig is om verstop te raak. Ons het egter met 'n innoverende, dog eenvoudige oplossing vorendag gekom om die laaste spuit deurlopend skoon te hou. SENTER360 spilpunte word standaard toegegerus met drukreguleerde Komet Twister sproeiers teen 10 psi (0.7 bar) of opsionele 6 psi (0.42 bar) wat op hangpype gemonteer is. Dit verseker uitstekende waterverspreiding in selfs die uiterste klimaatstoestande.

SWAARDIENS RATKAS EN MOTORS

Die standaard aandrywing van die SENTER360 spilpunt bestaan uit 'n swaardiens wielratkas, met 'n gratis opsionele vyf jaar waarborg* wat deur 'n 0.56 kW (40:1) motorratkaskombinasie aangedryf word (30:1 en ander is opsioneel).

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LAAT ONS HIERDIE
KERSTYD KOESTER
EN DIT STEEDS
ONTHOU AS 'N TYD VAN
HOOP, VREDE & VREUGDE!

GESEËNDE KERSEES





Elanco

Rumensin[®]

™

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Over 40 years of proven results, continuous
innovation and more profit potential

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PM-ZA-20-0019

Rumensin 200 Registration number: G1818 (Act 36/1947) Composition: Monensin sodium 200 g/kg

Elanco[™]



Global Leader
In Silage
Management

LEADING edge

SILOSTOP
THE ULTIMATE OXYGEN BARRIER FILM

THE ULTIMATE
OXYGEN
BARRIER FILM

100x
MORE EFFECTIVE
THAN STANDARD
PLASTIC COVERS

GLOBAL LEADER IN SILAGE MANAGEMENT

Based in Stellenbosch in the Western Cape, but deliver nationwide and in neighboring countries

Leading Edge started their business in 2009 and the majority of their clients are dairy farmers, which results in an array of areas where they can be of assistance. Their employees have over 25 years' experience and knowledge in the dairy industry. They attend international and national Dairy Expo's to keep abreast with new innovations. They strive to supply our clients with products and information where their needs arise. This can be anything from latex gloves to barn interior and silage covers.

PRODUCT RANGE:

- **Silostop®** - Excludes oxygen from bunkers, minimizing dry matter losses, reducing spoilage and improving aerobic stability, producing quality silage. Inferior quality covers are unable to prevent oxygen penetration which causes yeasts, mould and airborne bacteria to grow. Silostop® delivers excellent protection with no silage decay and subsequent losses. It is a multilayer, light and strong film, making it easy to handle. Its unique oxygen barrier properties are proven to be over 100 times more effective than conventional black polyethylene plastic.

- **Cow Welfare Flex Stall™** - The better the cows rest, the better they produce. And the best place to rest is in our flexible free stall.

The benefits of Flex Stall™:

- ✓ It's cow friendly. The cows are lying down faster than normal, which increases rest time and thereby increases daily cow milk production.
- ✓ It's flexible so that the cow gets zero injuries, but still sturdy enough to guide the cow.
- ✓ It's durable

- **Cow Welfare Flex Feed™** - Brings the freedom of grass fields into the barns. It is flexible barn equipment for the well-being of the cow. Cow Welfare Flex Feed™, is a revolutionary way to feed cows indoors. With a flexibility of 30°, the feed barrier follows the cow's movements and ensures that the cow is not going to get hurt. The flexibility at the same time gives the cow ability to reach longer out on the feeding table, which means that the cow will eat for a longer period without getting any injuries from the barn equipment.

Andries Engelbrecht : +27 (0) 83 263 9675
Werner van der Merwe : +27 (0) 83 700 2333



ATLASWARE

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TO FIND A LIST OF RETAILERS PLEASE VISIT:
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* distributed by **AQ** LIFESTYLE

ATLASWARE

-OUR STORY-

THE ABILITY TO TAKE A BRILLIANT IDEA AND TRANSFORM IT INTO SOMETHING YOU WON'T WANT TO LEAVE HOME WITHOUT, TAKES SOME DOING. AND THAT IS EXACTLY WHAT ATLASWARE HAS DONE BY INTRODUCING A FLASK THAT DOES WHAT IT SAYS IT CAN.

In the year 1987 Mr. Victor Kingston manufactured the first very Atlasware bottle in a small village outside Chennai (India). He left for Chennai by bus every morning to sell his bottles. He came home daily with a little more money to produce a little more bottles.

This process went on for about 15 years until he alone could no longer keep up with manufacturing and thus hired his own staff to help. And in the end, he is the owner of 3 distinguished factories in 3 different cities in India which today produce far more products than the Atlasware bottle.

The bottles are made of top quality 304 stainless steel. There is so much confidence in the product that it is guaranteed of its functionality for life.

Atlasware bottles were mainly distributed in India and Dubai in 2007. In 2008, while overseas we were introduced to this amazing product by friends who moved to Dubai. For the next 4 years the product was mentioned quite a lot in and around our circle and the list of potential customers grew rapidly.

In 2011, our friends decided to take the risk and make a business of it, they brought the first 6000 bottles by ship to South Africa. These bottles were all sold from the boot of a car, to friends, family and colleagues.

With the high demand for the product, distribution was initially done by individual agents who had to meet certain requirements to qualify. Today, Atlasware South Africa has already distributed more than 30 large containers and the products are now mainly distributed to various stores and agents across the country. Due to everyone jumping on the "healthier lifestyle" bandwagon, this is the ideal top quality gift for any occasion and it is BPA & rust free. Cold water stays cold for 24 hours and longer, even in the sun and hot drinks stay warm for 18 hours in the same bottle, so this is doubly effective. If the bottle falls it is possible that it can damage the exterior but never ceases to work.

There are 4 sizes available, 500ml, 700ml, 1 litre and 2 litres. The lids & seals can be replaced at a nominal amount if they are lost or damaged.



SCAN ME

KEEPS WATER HOT FOR 18 HOURS AND COLD FOR 24 HOURS!

Atlasware is distributed all over South Africa and can be found at various outdoor shops as well as independent resellers. Find us on Facebook & Instagram @AtlaswareSA.



TOWN CITY	SHOP	PROVINCE
ALBERTINIA	SSK AGRILAND	WESTERN CAPE
AMERSFOORT	HINTERLAND	MPUMALANGA
BEAUFORT WES	BKB	WESTERN CAPE
BELFAST	HINTERLAND	MPUMALANGA
BERGVILLE	HINTERLAND	KWAZULU-NATAL
BETHLEHEM	HINTERLAND	FREE STATE
BLOEMFONTEIN	BKB	FREE STATE
BLOEMHOF	SUIDWES LANDBOU	FREE STATE
BOSHOF	SUIDWES LANDBOU	FREE STATE
BOTHAVILLE	SUIDWES LANDBOU	FREE STATE
BRITS	AFGRI	NORTH WEST
BRONKHORSTSPRUIT	HINTERLAND	MPUMALANGA
BULTFONTEIN	HINTERLAND	FREE STATE
CAROLINA	HINTERLAND	MPUMALANGA
CAROLINA	TWK	MPUMALANGA
CERES	KAAP AGRI	WESTERN CAPE
CRADOCK	AGRICO	EASTERN CAPE
CULLINAN	AFGRI	GAUTENG
DE AAR	BKB	NORTHERN CAPE
DELMAS	HINTERLAND	MPUMALANGA
DELMAS	AFGRI	MPUMALANGA
DUNDEE	HINTERLAND	KWAZULU-NATAL
ELLIOT	OVK	EASTERN CAPE
FAERIE GLEN - PRETORIA	FEARIE GLEN ANIMAL CLINIC	GAUTENG
ERMELO	HINTERLAND	MPUMALANGA
FORT BEAUFORT	THE CO-OP	EASTERN CAPE
GRAAFF-REINET	OVK	EASTERN CAPE
GRAAFWATER	KAAP AGRI	WESTERN CAPE
GREYTOWN	TWK	KWAZULU-NATAL
HANKEY	THE HUMANSDORP CO-OP	EASTERN CAPE
HARRISMITH	HINTERLAND	FREE STATE
HARTSWATER	HINTERLAND	NORTHERN CAPE
HEIDELBERG	HINTERLAND	GAUTENG
HEIDELBERG	SSK AGRILAND	WESTERN CAPE
HEILBRON	HINTERLAND	FREE STATE
HEROLD	SSK AGRILAND	WESTERN CAPE
HOEDSPRUIT	OBARO	LIMPOPO
HOOPSTAD	HINTERLAND	FREE STATE
HOOPSTAD	SUIDWES LANDBOU	NORTH WEST
HUMANSDORP	THE HUMANSDORP CO-OP	EASTERN CAPE
JAN KEMPDORP	HINTERLAND	NORTHERN CAPE
JOHANNESBURG MARKET	REBELO, HALL 1	GAUTENG
JOHANNESBURG	AIRPORT PETS (HYPER STORE)	GAUTENG
KLERKSDORP	HINTERLAND	NORTH WEST
KLOOF	KBD HATCHERY	KWAZULU-NATAL
KNYSNA	SSK AGRILAND	WESTERN CAPE
KROONSTAD	HINTERLAND	FREE STATE
KURUMAN	AGRIMARK	NORTHERN CAPE
LADYSMITH	HINTERLAND	KWAZULU-NATAL
LEEUDORINGSTAD	SUIDWES LANDBOU	NORTH WEST
LICHTENBURG	LICHTENBURG OMHEININGS	NORTH WEST
LICHTENBURG	BEARING MAN GROUP	NORTH WEST
LOXTON	KAROO MEAT FARMERS CO-OP	NORTHERN CAPE
LUTZVILLE	KAAP AGRI	WESTERN CAPE
LYDENBURG	HINTERLAND	MPUMALANGA
MAKHADO	KAAP AGRI	LIMPOPO
MALMESBURY	KAAP AGRI	WESTERN CAPE
MARBLE HALL	TWK KUNSMIS	LIMPOPO
MEYERTON	HI PERFORMANCE FEEDS	GAUTENG

TOWN CITY	SHOP	PROVINCE
MIGDOL	SUIDWES LANDBOU	NORTH WEST
MISGUND	SSK AGRILAND	WESTERN CAPE
MOSSSELBAY	SSK AGRILAND	WESTERN CAPE
NABOOMSPRUIT	OBARO	LIMPOPO
NELSPRUIT	HINTERLAND	MPUMALANGA
NEWCASTLE	HINTERLAND	KWAZULU-NATAL
NIGEL	HINTERLAND	GAUTENG
ODENDAALSRSUS	HINTERLAND	FREE STATE
OP-DIE-BERG	KAAP AGRI	WESTERN CAPE
ORANJESIG	DIY SUPERSTORE	FREE STATE
ODUSHOORN	KLEIN KAROO CO-OP	WESTERN CAPE
PAARL NORTH	KAAP AGRI	WESTERN CAPE
PARYS	HINTERLAND	FREE STATE
PETRUSBURG	HINTERLAND	FREE STATE
PHILIPPI	KAAP AGRI	WESTERN CAPE
PIET RETIEF	TWK MIDAS	MPUMALANGA
PIETERMARITZBURG	MASCOR	KWAZULU-NATAL
PIETERMARITZBURG	PALMER AGRI & TRACTOR	KWAZULU-NATAL
PIETERMARITZBURG	TWK	KWAZULU-NATAL
PIETERMARITZBURG	TILLMASTER	KWAZULU-NATAL
PIETERSBURG	NTK	LIMPOPO
PIKETBERG	KAAP AGRI	WESTERN CAPE
PLETTENBERGBAY	SSK AGRILAND	WESTERN CAPE
PONGOLA	TWK	KWAZULU-NATAL
PORT ELIZABETH	THE HUMANSDORP CO-OP	EASTERN CAPE
PORTERVILLE	KAAP AGRI	WESTERN CAPE
POTCHEFSTROOM	HINTERLAND	NORTH WEST
POTGIETERSRUS	OBARO	LIMPOPO
PRETORIA - ATTERBURY	FARM CITY	GAUTENG
PRETORIA - MONTANA	N1 4X4	GAUTENG
PRETORIA - PYRAMID	N1 4X4	GAUTENG
PRIESKA	GWK	NORTHERN CAPE
PRINCE ALBERT	KLEIN KAROO CO-OP	WESTERN CAPE
QUEENSTOWN	BKB	EASTERN CAPE
RAWSONVILLE	KAAP AGRI	WESTERN CAPE
REITZ	VAN ZYL STAALWERKE	FREE STATE
REIVILO	SUIDWES LANDBOU	NORTH WEST
RIEBEEK-WEST	KAAP AGRI	WESTERN CAPE
ROODEPLAAT	AIRPORT PETS (HYPER STORE)	GAUTENG
RUSTENBURG	OBARO	NORTH WEST
SENEKAL	AFGRI	FREE STATE
SPRINGBOK	AGRIMARK	NORTHERN CAPE
STELLA	SUIDWES LANDBOU	NORTH WEST
STILL BAY	SSK AGRILAND	WESTERN CAPE
SWELLENDAM	SSK AGRILAND	WESTERN CAPE
THEUNISSEN	HINTERLAND	FREE STATE
TOSCA	SUIDWES LANDBOU	NORTH WEST
TZANEEN	KAAP AGRI	LIMPOPO
TZANEEN	NTK	LIMPOPO
UNDERBERG	TWK	KWAZULU-NATAL
UNIONDALE	SSK AGRILAND	WESTERN CAPE
UPINGTON	AGRIMARK	NORTHERN CAPE
VENTERSDORP	HINTERLAND	NORTH WEST
VEREENIGING	HINTERLAND	GAUTENG
VOLKSRUST	BKB	MPUMALANGA
VREDE	BKB	FREE STATE
VRYHEID	HINTERLAND	KWAZULU-NATAL
WELKOM	HINTERLAND	FREE STATE
WESSELSBRON	SUIDWES LANDBOU	FREE STATE
WINTERTON	TWK	KWAZULU-NATAL
WOLMARANSTAD	HINTERLAND	NORTH WEST
WOLMARANSTAD	SUIDWES LANDBOU	NORTH WEST
WORCESTER	KAAP AGRI	WESTERN CAPE

CERTIFIED CREDIBILITY

FERTASA AND ITS MEMBERS ARE COMMITTED TO THE PROMOTION OF SUSTAINABLE SOIL FERTILITY AND ENHANCED PLANT NUTRITION.



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FERTASA

Fertilizer Association of Southern Africa

YEAR END MESSAGE FROM FERTASA TO MEMBERS AND THEIR CUSTOMERS

2020 was literally a once in a hundred years' experience when we think of the Spanish Flu in 1918 to 1921 which cost South Africa 300 000 and the world 50 000 000 lives. Gratefully we are not looking at those sorts of figures with Covid-19.

Another reason for gratitude is the record yield for grain crops achieved in 2020.

I want to congratulate our members, other companies in the Fertilizer Industry and their customers, the farmers for this exceptional achievement under the difficult Covid-19 conditions. I also want to thank our colleagues from Grain SA, Agri SA and Agbiz for their proactive actions ensuring that the Fertilizer Industry is recognised as an essential service in the food chain. This allowed us to continue delivering service even under Level 5 Lockdown.



DR PIETER HAUMANN

With this I wish all our members and associates a blessed festive season and a healthy and safe new year.

**CEO FERTASA
DR PIETER HAUMANN**



We stand for the protection of the sustainable use of fertilizer.

FERTASA MEMBERS ARE COMMITTED TO:

- A code of conduct.
- A set of standards audited by an independent compliance management body.
- Quality products.
- Relevant scientifically-based recommendations.
- Continual learning and improvement.
- Complying with all legal requirements.

www.fertasa.co.za



Piket

Implemente

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10-RY



8-RY



NO TILL DEKGEWAS FYNSAAD PLANTER

- Modelle: 6-Ry / 8-Ry / 10-Ry / 14-Ry / 16-Ry / 20-Ry
- 3-Kompartement saad, fynsaad & kunsmis kis
- Plant van weiding op suiwel & vee plase of dekgewas in wingerde & vrugteboorde

2-RY



4-RY



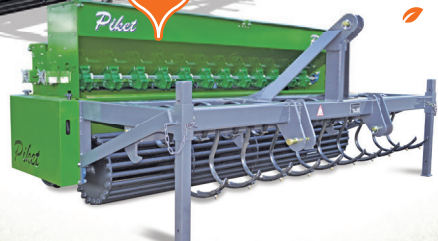
EKONOMIESE NO TILL MIELIEPLANTER

- Modelle: 1-Ry / 2-Ry / 3-Ry / 4-Ry / 5-Ry / 6-Ry
- Drie saadkiste vir aanwending van fynsaad, saad & kunsmis
- Gebruik: Plant van mielies, bone & klein graansoorte
- 3-punt optrek
- Ekonomies

2.8 m



2.3 m



FYNSAAD PLANTER

- Modelle: 1.8 m / 2.3 m / 2.8 m
- Plant op voorbereide lande
- Twee verstelbare saadkiste
- Terugtrekbare tande
- Windskerms
- Eweredige saad verspreiding

1.8 m



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