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APR - MAY 2023
Vol 7 • No 6

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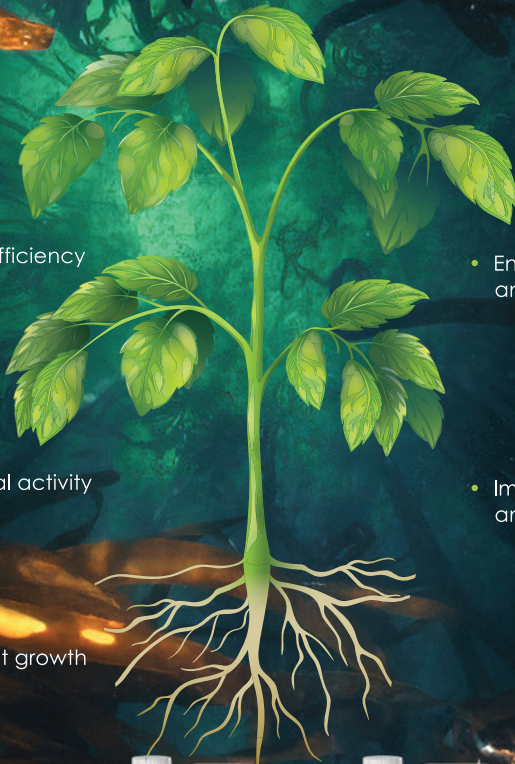
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One of the most exciting times in the agriculture industry is upon us again with Grain SA's NAMPO Harvest Day right around the corner. A showcase of the newest trends and technology innovations is NAMPO's promise to visitors at the 55th presentation of the Harvest Day from 16-19 May 2023.

Since its inception, the NAMPO Harvest Day has been the leader in showcasing agricultural innovation and providing that one stop platform to agricultural enthusiasts in South Africa. After an extremely successful and long-awaited return to the agricultural calendar last year, the 2023 NAMPO Harvest Day promises to exceed all expectations once again!

The theme "Agriculture Innovated" confirm the positive role attributed to the Harvest Day and its contribution to the future of agriculture. It will showcase agriculture's latest technology, machinery, innovations, and productivity solutions.

In its efforts to ensure that NAMPO is the agricultural sector's most relevant platform and marketplace for innovation, technology, information exchange and discussion, Grain SA has stepped up to have expansions and improvements on the grounds and to the programme, ready for the 2023 NAMPO Harvest Day. For more information and to purchase tickets, click on over to www.grainsa.co.za.

Our April | May 2023 edition of the AGRIFOODSA Magazine includes various NAMPO exhibitors and we'll be back in the same exhibition spot as last year. Be sure to stop by for tons of exciting offerings and exclusive NAMPO competitions.

Our cover featured advertiser, Introlab Chemicals, will also be demonstrating their exceptional products and services at NAMPO. Introlab is a South African based, biostimulant and specialty crop solution manufacturer and distributor. They strive to provide well-researched, innovative crop solutions to both national and international markets.

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Before kicking off at NAMPO, we'd also like to celebrate the nuptials of our sales executive, Nicole, and her new husband, Byron. May the years ahead be filled with luck, love and joy in abundance.

See you soon,

Chantell de Bruin

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INTROLAB : See page 02 for more



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CONTENTS



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Page 32



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Pages 38-39



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Page 73



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Page 75



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Page 11



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Page 18



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Page 59



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Page 53



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Page 49



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Page 69



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Page 74



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Page 04



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Page 23



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TO THE WORLD

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Page 64



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SPECTROSCOPIC SOLUTIONS
IN THE MILK & DAIRY INDUSTRY

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Page 55



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OFF-ROAD CAMPING TRAILERS
AND 4X4 FITMENT CENTER
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Page 35



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COMPONENTS
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Page 62



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Page 50



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Page 58



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Page 43



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Page 05



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Page 45



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Page 68



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EASY EARTH DAM SEALING
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Page 54



ESAB SA
REBEL WELDING MACHINES
WWW.ESAB.CO.ZA
Page 57



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TUNNEL & IRRIGATION
EQUIPMENT
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Page 44



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Page 28



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Page 11



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Page 29, Pages 40-41 & 78-79



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Page 19



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16 YEARS GUARANTEE
WWW.FLEXILININGS.COM
Page 59



EDEN EQUIP
SUSTAINABLE FARM EQUIPMENT
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Page 73



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Page 15

CONTENTS



HOLLARD
BUSINESS | AGRICULTURE |
ACCIDENT & HEALTH | MARINE |
ENGINEERING | TRUCKING
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Page 11



IMPAC CROPSURE
INSURE YOUR CROPS
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Page 51



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CROP SOLUTIONS TO
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Cover & Page 02



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Page 57



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AND DECORATIVE NETTING
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Page 31



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INDEPENDENCE EXPO
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Pages 12-13



KRUREKPRO
FIREFIGHTING EQUIPMENT
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Page 27



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GLOBAL LEADERS IN
SILAGE MANAGEMENT
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Page 45



LOADTECH
LOAD CELLS
DIGITAL INDICATORS
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Pages 66-67



LTG FREIGHT
LOGISTICS & TRANSPORT
-GLOBALLY-
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Page 36



MAGNOJET
NOZZLES & ACCESSORIES
WWW.MAGNOJET.CO.ZA
Page 57



**MOTUS
AFTERMARKET PARTS**
ENGINE COMPONENTS IN
THE AFTERMARKET INDUSTRY
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Page 57



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TOERUSTING**
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Page 61



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Pages 46-47



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Page 42



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Page 51



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WATER STORAGE
SOLUTIONS
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Page 21



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EFFICIENT
DISCHARGE SOLUTIONS
WWW.OLIVIBRA.COM
Page 26



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Page 71



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Page 22



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Page 55



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Page 19



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AND TRAILER PARTS
WWW.PLATINUMTRAILERS.CO.ZA
Page 65



PPECB
PERISHABLE PRODUCTS
EXPORT CONTROL BOARD
WWW.PPECB.COM
Page 51



PRO LINING
SUPPLY AND INSTALLATION
OF GEOSYNTHETIC MATERIAL
WWW.PORLINING.CO.ZA
Page 30




REVOLUTION TYRES
TYRES - GO THE DISTANCE
WWW.REVOLUTIONTYRES.CO.ZA
Page 60



RHINO TRALIES
CUSTOM MADE RAILS
WWW.RHINOTRALIES.CO.ZA
Page 69



RIPPER TILLAGE
DESIGN & DEVELOPMENT OF
AGRICULTURAL EQUIPMENT
WWW.RIPPERTILLAGE.CO.ZA
Page 72



ROSS POULTRY
THE BREED OF CHOICE
WWW.ROSSPOULTRYBREEDERS.CO.ZA
Page 52



ROTRIXAFRICA
MECHANISED IRRIGATION SYSTEMS
BUILT TO IRRIGATE AFRICA
WWW.ROTRIXAFRICA.CO.ZA
Page 34



RUBBER SEALANT
WATERPROOFING SOLUTIONS
WWW.RUBBERSEALANT.CO.ZA
Page 49



RUMAX
TRUSTWORTHY
FARMING IMPLEMENTS
WWW.RUMAX.CO.ZA
Page 19



SAGEWASH SANITIZER
CONTINUOUS FLOW
CLEANSING SYSTEM
WWW.SAGEWASH.CO.ZA
Page 33



SAKPRO
PACKAGING SOLUTIONS
FOR FRESH PRODUCE
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Page 70



SYSTEM DESIGN EXPERTS
CRIME PREVENTION &
FARM MANAGEMENT BY
ADVANCED TECHNOLOGY
WWW.SDEXPERTS.CO.ZA
Pages 16-17



SENTER360 TECHNOLOGIES
IRRIGATION SYSTEMS
PERFECTED
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Page 33

CONTENTS



SOYGRO
LEADERS IN MICROBIOLOGICAL
PLANT AND SOIL INOCULATES

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Page 11



**WEST-GEN
WAREHOUSE**

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Page 33



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Page 27



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Page 37



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Page 37



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Page 14



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Pages 25 & 69



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Sakeliga KragDag: Die grootste alternatiewe energie en selfstandigheid-ekspo in die land (en grootste Landbou skou in Gauteng)!

Hierdie jaarlikse doen-jou-eie-ding ekspo word vanjaar vir die veertiende keer aangebied van 9-12 Augustus, net 20km buite Pretoria op Diamantvallei Landgoed!

Sakeliga KragDag 2022 is deur 31 000 mense bygewoon, wat dit ook die grootste ekspo vir die jaar in Suid-Afrika maak!

Die ekspo het in 2008 ontstaan toe alternatiewe vir Eskom kragvoorsiening nog nie vrylik beskikbaar was vir die publiek nie, en KragDag 'n handjievol kragvoorsieners bymekaar gebring het. Dit het egter gegroei tot 'n ekspo wat vandag vir besoekers 'n verskeidenheid doen-jou-eie-ding lewenstypoplossings bied. Hieronder val energiebesparing, sonkrag, veiligheid, nuwe tegnologie, opvoedkunde, buitelugkragtoerusting en vele meer.

Sedert 2019 maak 'n volwaardige landbou sub-ekspo in samewerking met TLU SA ook deel uit van die ekspo. Die doel met die ekspo is om mense aan te moedig om innoverend te bou aan 'n volhoubare selfstandige vrywees lewe, deur self verantwoordelikheid vir hulle lewens te neem.

Alhoewel dit 'n leersame geleentheid is, word dit in 'n karnaval atmosfeer aangebied en is

groot pret vir die hele gesin. Besoekers kan hierdie jaar uitsien na sowat 700 maatskappye wat hulle selfstandigheidsoplossings sal ten toon stel.

Die raadsaal program in die Sakeliga Plein sal 'n wye verskeidenheid aktuele en informatiewe onderwerpe insluit. Die Inyati Arena sorg ook vir aanskoulike landbouvertonings, vee-rastentoonstellings en



Ondernemings wat inpas by die tema en graag by KragDag wil uitstal, kan +27 (0) 87 231 1644 skakel vir meer inligting.

demonstrasies. Die streekskampioenskappe vir die Toyota SA Jong Afslaaers word ook vanjaar weer by Sakeliga KragDag aangebied.

KragDag is passievol oor entrepreneurs, en bied weer 'n Junior Entrepreneurskompetisie aan waar jongmense tot die ouderdom van 21 hulle produkte aan die besoekers kan bekendstel. Groot kontantpryse, asook besigheidsafrigting en kursusse kan gewen word.

Besoekers kan die ekspo bywoon deur 'n drie-dag kaartjie te koop teen R100 by die hekke, of teen R50 aanlyn te bespreek. Verkope open 1 Mei 2023.

Die ekspo maak voorsiening vir verskillende kategorieë waarin ondernemings kan uitstal. Tema uitstallers sluit alle ondernemings in wie se uitstalling voldoen aan die doen-jou-eie-ding selfstandigheidstema. Dan is daar die Landbou uitstallers, Opvoedkunde sub-ekspo vir enige onderrig uitstallers, 'n Makersbeweging ("Makers Movement") wat uitstallers insluit wat fokus op elektronika, 3D-drukkers, die Internet van Dinge en nuwe patente uit herwinde materiaal, die Junior Entrepreneurs, 'n Kuns en Kou Mark in samewerking met Solidariteit Helpende Hand, Verversings asook Vermaak.



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Ca...230g/kg

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DEEL 6

HIERDIE IS DIE DERDE SKRYWE VAN 'N REEKS VAN SEWE SKRYWES WAT FOKUS OP DIE VOLGENDE ASPEKTE:

- **Skrywe 1:**
Inleiding tot huidige probleme en 'n kort beskrywing waartoe tegnologie kan bydra.
- **Skrywe 2:**
Inleiding tot aspekte van tegnologie om plaasbestuur en -veiligheid drasties te kan verbeter.
- **Skrywe 3:**
Gevorderde videotegnologie wat 'n groot impak kan maak op plaaslike veiligheid; voorkoming van vee-en ander diefstal.
- **Skrywe 4:**
Ontplooiing van videotegnologie vir uiters effektiewe plaasbestuur.
- **Skrywe 5:**
Effektiewe bestuur kan net gedoen word aan wat gemeet kan word. Die ontplooiing van verskeie tegnologiese toepassings vir effek-tiewe plaasbestuur is dus van kardinale belang.
- **Skrywe 6:**
Die belangrike voorlegging van inligting en die operasionele belangrikheid van videomonitoring deur beheer-kamerstelsels.
- **Skrywe 7:**
Opsomming van die kernaspekte van die vorige skrywes en die belangrikheid van gemeenskapsdeelname.

INLEIDING

Die vorige artikels in die reeks was hoofsaaklik oor die belangrikheid van, en die tegnologie benodig vir videomonitoring op plase; asook vir padkamas vir sekuriteit en veediefstal.

Hierdie artikel neem dit een stap verder waar ons 'n bespreking doen oor wat en hoe video-inligting voorgelê moet word. Ons bespreek ook die belangrike aspek van videomonitoring in gevorderde beheerkamerstelsels.

Indien dit reg gedoen word, ontsluit dit baie waardevolle inligting wat gebruik kan word vir voorkoming, of reaktiewe opsporing, van vee, mense, voertuie, implemente, trekkers, saad, ensovoorts.

Tekortkominge in datavoorlegging en beheerkamers

Wat h mors van finansies, tyd en toerusting is dit as h video monitoringstelsel nie korrek beman word en die inligting nie korrek voorgelê word nie.

Verskeie stelsels word gevind waar videobeelde en alarms net na die boer se selfoon toe gaan. Die boer is nie heeltyd by sy foon nie en kan dringende gevalle misloop.

Daar word ook gevind dat videobeelde en -inligting na h Netwerk Video Opnemer (NVR) en skerm gaan wat érens op h boer se plaas is, maar nie voltyds beman word nie. Somtyds word dames van die gemeenskap gebruik om van tyd tot tyd deur die dag die video's dop te hou.

Die sukses van h videostelsel lê in die hele tegniese ketting van die stelsel: van die kwaliteit van korrekte kameras en sensors in die veld, die kommunikasiestelsel na die NVR, die kommunikasiestelsel na h bemande beheerkamer, en die bemanning van die beheerkamer. Tegnologie en mens moet nou saamwerk indien sukses behaal wil word.

Daar is bevind dat heelwat spandeer word om die kameras en kommunikasienetwerke te installeer, maar dat die monitoringstelsel somtyds afgeskeep word. Gemeenskappe is nie bereid om h kapitale uitleg te doen vir behoorlike monitoringstelsels, of h maandelikse koste aan te gaan sodat die stelsels behoorlik gemonitor kan word nie.

Goeie monitering is juis die belangrikste aspek wat h stelsel suksesvol maak!

Korrekte monitering en beheerkamerstelsels

Die installering van die kameras en om kommunikasiestelsels na h moniteringspunt te bring, is net een stap van die sukses van h stelsel.

Die ontplooiing van die korrekte rekenaar en beeldskerm is van kardinale belang. Dit sluit voldoende kragsteunstelsels in. So ook die ontplooiing van korrekte en gevorderde harde- en sagtewarestelsels.

Hardware vir monitering

Klein stelsels met min kameras kan moontlik oor die weg kom met net een rekenaarskerm. Wanneer groter stelsels met baie kameras gemonitor moet word, is sterker rekenaars met meer as een rekenaarskerm nodig. Dit is om byvoorbeeld al die kameras gelyktydig op h skerm te sien en





alarms op h ander een. Of verskeie kameras op verskeie skerms te toon. Moenie die stelsel se monitoringstoerusting afskep nie!

Sagteware vir monitoring

Dit kan nie genoeg benadruk word dat gratis sagteware vir videomonitoring die hele stelsel in h gemors kan laat oontaard nie. Sulke stelsels het eenvoudig nie die nodige betroubaarheid nie. Dit beskik ook glad nie oor al die gevorderde funksies wat benodig word om behoorlike en suksesvolle monitoring te doen nie.

Die monitoringsagteware benodig h multi-dimensionele ontwerp wat as h minimum vereiste die volgende aspekte ten volle moet kan aanspreek:

- Verskillende kamera-tegnologieë kan hanteer.
- Alarmmonitoring en kategorisering.
- Veelvuldige/verskeie videovertonings kan hanteer.
- Video-analisering.
- Nommerplaat herkenning.
- Verspreiding van alarms na reaksie-eenhede.
- Koppeling met SAPS se nasionale databasis.
- Identifisering van vee, honde, mense en voertuie.

Monitoringspersoneel

Goed opgeleide monitoringspersoneel wat die stelsel 24 uur per dag dophou is van kritiese belang. Dit is ook hier waar baie stelsels faal en is van geen waarde indien die hele netwerk tegnies korrek werk, maar die menslike monitoring ontbreek.

Vir h stelsel om nie h goed opgeleide, wakker en skerp persoon ten alle tye voor die monitoringstelsel te hê nie, het die gevolg dat baie waarskuwings en insidente misgeloop word. Die stelsel moet ten alle tye gemonitor word!

Selfmonitering

Daar is gemeenskappe wat self hulle stelselmonitering doen. Dit is egter nie noodwendig koste-effektief nie. Die kapitale uitleg om die rekenaars en volledige beheerkamer/sentrum op te rig kan hoog wees. Dan moet personeel ook maandeliks betaal word om die monitoring te kan hanteer.

Verder moet die gemeenskap ook opgeleide personeel hê om die stelsel te onderhou. Monitoringspersoneel moet opleiding ontvang wat die koste verder opjaag.

Selfmonitering kan werk, maar alle aspekte moet dan ten volle geïmplementeer word.

Beheerkamer diensverskaffer

Ons het egter bevind dat selfmonitering nie koste-effektief is nie. Daar is verskeie puik maatskappye wat ingerig is om hierdie funksies uiters professioneel te kan verrig: naamlik die installering van korrekte en duursame hardware en rekenaarsstelsels; gepaste sagteware; korrek ontwerpde uitleg van beheerkamer en goed opgeleide monitoringspersoneel.

Sulke professioneelontwerpde bemande beheerkamers is uiters effektief, nie net in koste nie, maar ook in die operasionele uitvoering daarvan.

SDE is h maatskappy wat gebruik maak van professionele personeel met ervare ingenieurs en professionele tegnici met baie jare ondervinding. SDE het h professionele ontwerpde beheerkamer wat oor die jare groot sukses behaal het. SDE kan op enige stadium gekontak word vir meer inligting en bystand.

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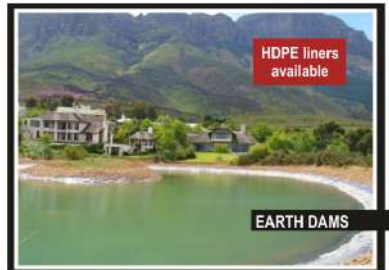
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**DR PIETER HAUMANN,
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THE THEME OF THE CONGRESS WAS: Dealing with Challenges in uncertain times.

The event was attended by Fertasa members and representatives from various agricultural sectors and institutions.

The following presentations were delivered:

Tom Mason, chairperson of Fertasa explaining Fertasa services to members and its role in the Fertilizer Industry. One of the major challenges mentioned was dealing with expensive fertilizer stocks in a market of shrinking global prices. Service delivery regarding fertilizer registrations is also a major challenge costing the Fertilizer Industry billions of Rands in the long term.

Drivers of world affairs were explained by Professor Michael Clark a security and defence analyst from the United Kingdom and of Sky News fame, in a presentation aptly titled "The World in Turmoil". The role of the big 4 nations in the so called "Asian Century" was analysed in a systematic and understandable manner. The impact on smaller countries was also discussed.

The influence of various factors on South African industries was discussed by Prof Ferdi Meyer managing director of BFAP

(Bureau for Food and Agricultural Policy). The title of his presentation was "Globalization Versus Localization, Toward Self-Sufficiency"

One of the many challenges for grain farmers is the extremely high price of input commodities. Others include loadshedding and poor service delivery with transport and shipping of products for local and international markets. Christo van der Rheede, Executive Director of Agri SA elaborated on all the cross-influences of dysfunctional systems in his presentation "Status of South African Farming Under Current Conditions".

Internal political conditions in South Africa are typical of the "VUCA" (Volatility, Uncertainty, Complexity and Ambiguity) situation currently widely experienced. Prof Theo Venter gave his opinion on how this is going to play out over the short to medium term in his presentation "South African Political Scene Pre-and post-2024 Elections."

A panel discussion was conducted to define how challenges should be dealt with under all the conditions described. The first condition is to establish the necessary principles and standards that should be adhered to when dealing with the identified challenges and to define the envisaged outcome. In this process it is essential that communication should always be transparent and honest.

The presentations are all available on the Fertasa website.

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APAC

IMPORTANCE OF THE REGULATIONS OF LIVESTOCK AGENTS FOR THE PRODUCER

By Francois Knowles
Registrar, Agricultural Products Agents Board

The Agricultural Products Agents Council (APAC) has, as the regulator of livestock agents, the responsibility to ensure that producers who market their livestock through auctions and use the aggregated services of livestock agents, do so with a proper recourse to solve any problems that they might experience with transactions done in the red meat value chain.

To accomplish this important task, APAC, uses the Agricultural Products Agents Act of 1992 (Act, 12 of 1992) as a mandate. This law, supported by a set of ethical rules (Rules regarding livestock agents 2018) and by the Minister of Agriculture, enforces the ethical and proper control of registered livestock agents in the livestock value chain. The producer must also be aware that there is a regulator keeping a watchful eye on the operation of auctions, auctioneers and livestock agents.

THE ROLE OF AGENTS

It will always remain the choice of the producer to decide which marketing channel is the best option. One such channel is to market at an auction with the help of an agent.

An auction has additional value as supply and demand is the criteria that lead to price discovery. The ideal price, given the economic conditions, is determined by the availability of production animals. This is where the livestock agent then comes into his own with his skill, knowledge and understanding of what market conditions entail, as well as how to promote the best animals to buyers for the benefit of the producer.

It sounds easy: recruit livestock from a producer, sell it through an auction, and earn a good income. However, it is certainly not easy! A livestock agent worth his salt comes with a good frame of reference and experience that has been developed over the years.

The livestock agent is not primarily in the business of animals, but rather in the business of 'people'. Relationships are therefore the core around which everything revolves. The producer must know and trust that the agent will do the best for him. The buyer wants to pay the right price, but also purchase the best quality animals which means competition with other buyers.

A person who acts on behalf of a producer is representing the producer, is responsible for the producer's income and is therefore regarded as an agent. All livestock agents must be registered with APAC and abide by the legal requirements.

www.apac.co.za

THE PRODUCER'S INTERESTS

The producer is the most important player on which our industry is modelled. Our producers ensure food security, for which we cannot thank them enough. Producers, we honour you for this. And this is precisely the focus and work of APAC to protect the interests of the producer who markets his livestock through a proper livestock agent. The legislation that APAC applies is currently being examined with a view to making improvements to benefit the interests of the producer.

The ultimate aim is to have sufficient guidelines (or rules of engagement) with which APAC can take action against the improper, unethical actions of agents. This includes unregistered agents who try to do business under the radar.

APAC advises producers to only use the services of livestock agents who are properly registered with APAC. Every APAC agent is in possession of a registration certificate that is valid for a period of two years. Along with this, each agent receives a bank-type identity card which serves as proof that such a person has been approved via the APAC processes.

APAC is doing everything in its power to promote the livestock agent profession. Should any producer or industry player want to know more, or make a complaint about the actions of an agent, they should contact APAC directly. We will be happy to help.

Information about registered agencies and agents is readily available on the APAC website



Francois Knowles
Registrar, Agricultural Products Agents Board

Information about registered agencies and agents is readily available on the APAC website
www.apacweb.org.za | +27 (0) 11 894 3680 | francois@apacouncil.co.za

An advertisement for APAC. The main image shows a close-up of a person's foot in a brown leather boot with a metal spur, stepping on a ripe red raspberry. The raspberry is being crushed, and its juice is splashing out. In the top left corner, there is a white box with the text 'THE non sticky CHOICE' and 'AN APAC REGISTERED AGENT'. In the top right corner, there is a blue box with the APAC logo. In the bottom left corner, there is a blue box with text about APAC's role. In the bottom center, there is the website address 'www.apacweb.org.za'. In the bottom right corner, there is a small Facebook icon.

THE non sticky CHOICE
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APAC is the agricultural produce agents' regulatory body and performs this function within the framework of the APA Act (Act 12 of 1992). Visit our website for more information.

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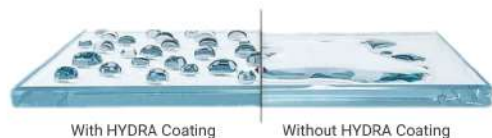
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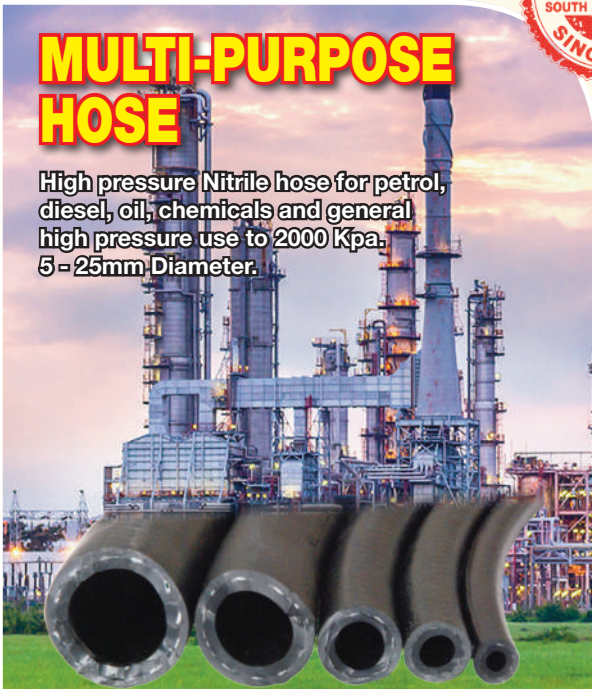
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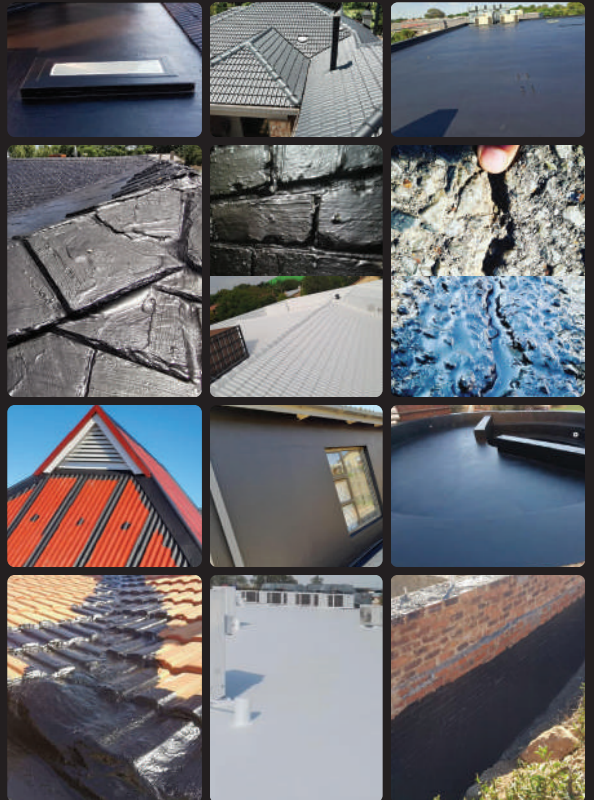


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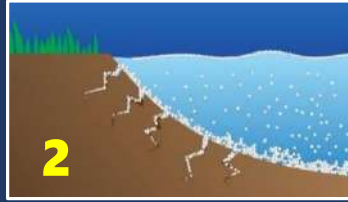
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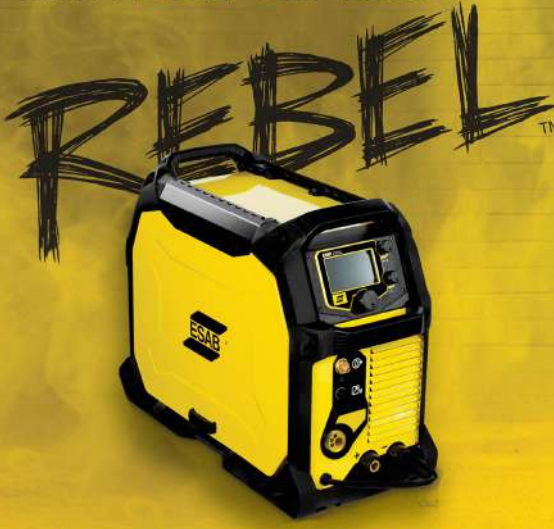
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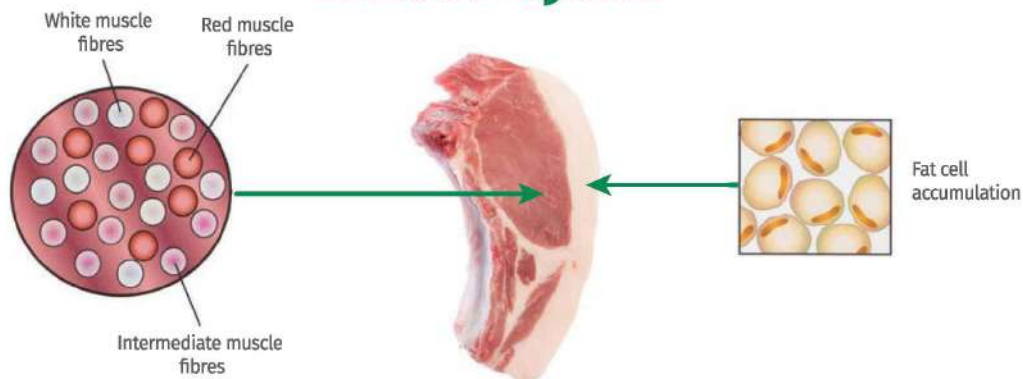
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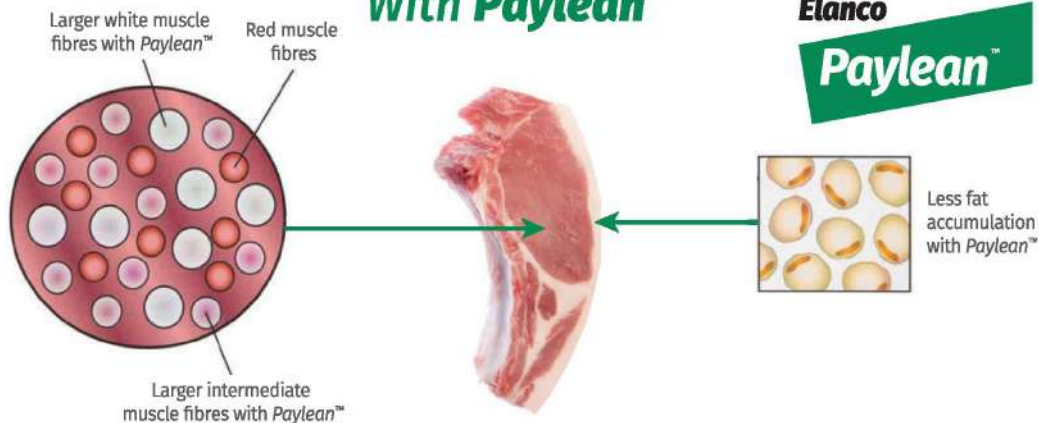
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References:

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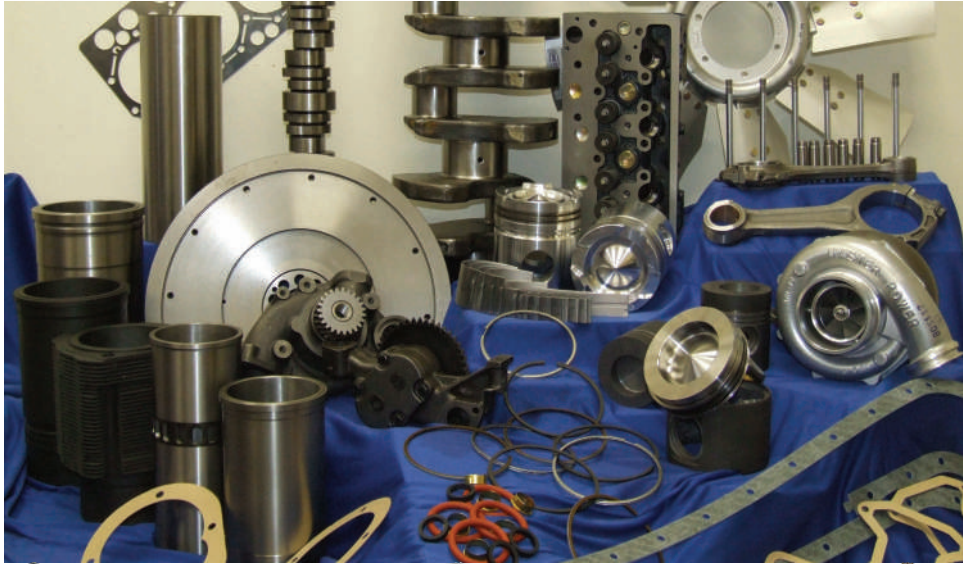
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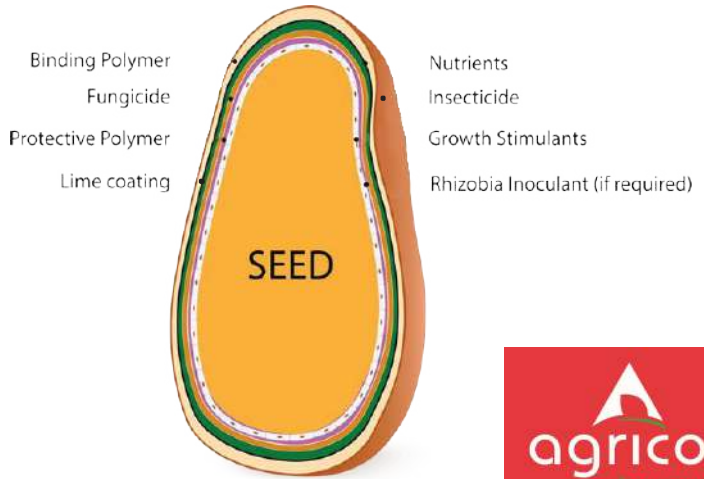
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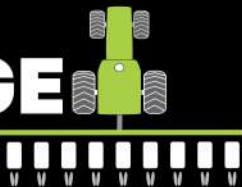
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This high quality panel-type reservoir is a modular steel tank storage solution that bolts together for easy installation. A certified potable liner with woven base fabric polyester year ensures safe water storage for drinking.

With capacities ranging from 13m³ to 3 260m³, these steel coated panel tanks are available in a multitude of design specifications depending on the client's requirements, ranging from 2.99Øm x 2.11m high to 21.69mØ x 9.02m high.

Our Zincalume coated tanks are very competitively priced and due to the modular nature can be installed extremely quickly by a certified installer, even in difficult or remote sites anywhere in Africa and around the world.

086 100 1010



Speak to one of our storage experts

SALES@AQUADAM.CO.ZA | WWW.AQUADAM.CO.ZA

DISTRIBUTION LIST

TOWN CITY	SHOP	PROVINCE
ALBERTINIA	SSK AGRILAND	WESTERN CAPE
AMERSFOORT	AFGRI AGRIS SERVICES	MPUMALANGA
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BETHLEHEM	AFGRI AGRIS SERVICES	FREE STATE
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CERES	KAAP AGRIS	WESTERN CAPE
CITRUSDAL	KAAP AGRIS	WESTERN CAPE
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DELMAS	AFGRI AGRIS SERVICES	MPUMALANGA
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DUNDEE	TWK AGRIS	KWAZULU-NATAL
ELLIOT	OVK	EASTERN CAPE
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GRAAFF-REINET	OVK	EASTERN CAPE
GRAAFWATER	KAAP AGRIS	WESTERN CAPE
GREYTOWN	TWK LANDBOU BPK	KWAZULU-NATAL
HANKEY	HUMANSDORP CO-OP	EASTERN CAPE
HARRISMITH	AFGRI AGRIS SERVICES	FREE STATE
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HEIDELBERG	AFGRI AGRIS SERVICES	GAUTENG
HEIDELBERG	SSK AGRILAND	WESTERN CAPE
HEILBRON	HINTERLAND	FREE STATE
HENNOSPARK	CENTURION TRAILER PARTS	GAUTENG
HEROLD	SSK AGRILAND	WESTERN CAPE
HOEDSPRUIT	OBARO	MPUMALANGA
HOOPSTAD	HINTERLAND	FREE STATE
HUMANSDORP	HUMANSDORP CO-OP	EASTERN CAPE
JOHANNESBURG	AIRPORT PETS (HYPER STORE)	GAUTENG
KLERKSDORP	HINTERLAND	NORTH WEST
KNYSNA	SSK AGRILAND	WESTERN CAPE
KROONSTAD	HINTERLAND	FREE STATE
KURUMAN	AGRIMARK	NORTHERN CAPE
LADYSMITH	AFGRI AGRIS SERVICES	KWAZULU-NATAL
LEEUDORINGSTAD	HINTERLAND	NORTH WEST
LICHTENBURG	BEARING MAN GROUP	NORTH WEST
LICHTENBURG	NWK GROOTPAN	NORTH WEST
LOERIESFONTEIN	KAAP AGRIS	NORTHERN CAPE
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MALMESBURY	KAAP AGRIS	WESTERN CAPE
MEYERTON	HI PERFORMANCE FEEDS	VAAAL

TOWN CITY	SHOP	PROVINCE
MIGDOL	HINTERLAND	NORTH WEST
MISGUND	SSK AGRILAND	EASTERN CAPE
MODIMOLLE	MODIMOLLE RETAIL - VKB	LIMPOPO
MOREESBURG	KAAP AGRI	WESTERN CAPE
MOSSEL BAY	SSK AGRILAND	WESTERN CAPE
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PIETERMARITZBURG	TILL MASTER	KWAZULU-NATAL
PIETERMARITZBURG	TWK AGRI	KWAZULU-NATAL
PIKETBERG	AGRIMARK PIKETBERG	WESTERN CAPE
PLETTENBERG BAY	SSK AGRILAND	WESTERN CAPE
POLOKWANE	VKB	LIMPOPO
PONGOLA	TWK AGRI	KWAZULU-NATAL
PORT ELIZABETH	HUMANSDORP CO-OP	EASTERN CAPE
PORTERVILLE	KAAP AGRI	WESTERN CAPE
POTCHEFSTROOM	HINTERLAND	NORTH WEST
POTCHEFSTROOM	KLEINPLAAS PYPE	NORTH WEST
POTGIETERSRUS	OBARO	LIMPOPO
PRIESKA	GWK	NORTHERN CAPE
PRINCE ALBERT	KLEIN KAROO CO-OPERATION	WESTERN CAPE
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SPRINGBOK	AGRIMARK	NORTHERN CAPE
STELLA	HINTERLAND	NORTH WEST
STILL BAY	SSK AGRILAND	WESTERN CAPE
SWELLEN DAM	SSK AGRILAND	WESTERN CAPE
THABAZIMBI	OBARO KOEDOESPOORT	LIMPOPO
THABAZIMBI	OBARO THABAZIMBI	LIMPOPO
THEUNISSEN	HINTERLAND	FREE STATE
TOSCA	HINTERLAND	NORTHERN CAPE
TZANEEN	KAAP AGRI	LIMPOPO
TZANEEN	VKB	LIMPOPO
UNDERBERG	TWK AGRI	KWAZULU-NATAL
UNIONDALE	SSK AGRILAND	WESTERN CAPE
UPINGTON	AGRIMARK	NORTHERN CAPE
VENTERSDORP	HINTERLAND	NORTH WEST
VEREENIGING	HINTERLAND	NORTH WEST
VOLKSRUST	BKB	VAAL
VREDE	BKB	MPUMALANGA
VRYHEID	AFGRI AGRI SERVICES	FREE STATE
WELKOM	HINTERLAND	KWAZULU-NATAL
WINTERTON	TWK AGRI	FREE STATE
WOLMARANSSTAD	HINTERLAND	KWAZULU-NATAL
WORCESTER	KAAP AGRI	NORTH WEST
		WESTERN CAPE

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.



Fertasa strives to provide information on fertilizer and crop related topics. Apart from assistance with fertilizer applications, queries relating to fertilizer usage, plant nutrition and soil fertility usage, plant nutrition and soil fertility are referred to our Technical Advisers or Subject Matter Specialists for their expert opinions and advice.

Member companies and others are encouraged to share their experiences in proven techniques and novel approaches in ensuring social, environmental and economic sustainability for all.

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 Members which comprise representatives from all ordinary and affiliate members. The Members appoint 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.

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,

WHO ARE WE?

- 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.

- bio-fertilizer and aglime practices;
- Develop a positive public awareness and acceptance of the need for fertilizer, bio-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, bio-fertilizer and aglime related information;
- Provide a discussion forum for its members and other parties on all aspects relating to fertilizer, bio-fertilizer and aglime distribution, agronomic advice and product quality.



FERTASA

Fertilizer Association of Southern Africa

Reg. Nr. 1971/000012/08|VAT Reg. Nr. 4830104164

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"The entire skeleton of a young child is replaced about every two years, that's why a child's demand for calcium is so high."

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TRANSEM

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EXPERIENCE QUALITY MILK PRODUCTS

WE'RE PRETTY SERIOUS ABOUT OUR MILK

The company was established in 1979 and the main activities are milk processing and dairy product distribution to all sectors of the customer spectrum.

The main categories of products are fresh milk, fresh cream, yoghurt, maas and cheese. Besides dairy products we also pack fruit juices mixed from concentrates, long-life milk and custard. Our modern production facility is in Uraniaville, Klerksdorp.

We have our own fleet of milk tankers for milk collection from the farms, as well as a fleet of refrigerated trucks for delivery of our products to our customers.

TRANSEM SUPPLY TO THE FOLLOWING AREAS:

NORTH WEST: Klerksdorp, Orkney, Stilfontein, Mafikeng, Coligny, Hartbeesfontein, Wolmaransstad, Rustenburg, Potchefstroom, Lichtenburg, Ventersdorp, Leeudoringstad

FREE STATE: Kroonstad, Bothaville, Vrijoenkroon, Welkom, Odendaalsrus, Virginia, Henneman, Allanridge, Riebeeckstad

GAUTENG: Carletonville, Vereeniging, Vanderbijlpark



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