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Agri24

South African Agricultural Directory
DIGIZINE

Issue 1: October 2019

Mahindra Tractors
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Tough Efficient Effortless



Save the Sheep Project
Worst drought in the last 220 years. How can you help both the farmers and animals in the Sutherland region?

Bonnox NEW
3 metre All-Game Barrier
Celebrating 10 years of satisfying clients needs in the real estate market!

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Agri24, the online directory for the South African agricultural community, is proud to launch our first digital online "Digizine" (Digital Magazine). We are certain that this new addition to our online directory will assist and enhance the services and user experience we provide.

Since 2012, we have provided a secure and stable online platform for users to find suppliers and service providers for all their agricultural needs. Our Directory offers a comprehensive range of local Service and Product Suppliers.

We endeavour to maintain growing both the categories as well as the services we can offer our website users and advertisers.



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MAHINDRA TRACTORS: NOW IN SA

MAHINDRA TRACTORS SOUTH AFRICA

Mahindra is the world's largest tractor manufacturer by volume, and it is parent to several well-known brands, including Mahindra, Erkont and Mitsubishi tractors, Hisarlar implements and Sampo Rosenlew combine harvesters. The company first unveiled its range of tractors and Implements to the media in South Africa at the start of May 2019.

Mahindra has already established itself in regions such as North America, Australia, North Africa, East and West Africa, India and South America as a manufacturer of Tough and Efficient tractors including other farm equipment.

Mahindra tractor is available in South Africa under 2 platforms the 6000 Series which offer Tractors from 40 KW to 55 KW and the 7500 Series which offers Tractors from 59 KW to 66 KW. All Tractors are available in the 2WD and 4WD options.

All models feature very durable turbodiesel engines, and farmers can expect a heavy-duty cast iron chassis, a two-speed power take-off system (PTO) and Mahindra's proprietary Easy Shift

synchronesh gearbox.

The Tractors come with a standard 2 years / 2500 Hours Power Train Warranty.

Mahindra Tractors are Tough, Efficient and Effortless Tractors .

MB Plant SA (Pty) Ltd trading as MB Agri SA is the official and exclusive distributor for Mahindra Farm Equipment in South Africa and Lesotho.

In partnership with the worldwide Mahindra dealer network, MB Agri SA provides a comprehensive line of Mahindra products and services built around our customer's requirements for productivity, safety, environmental performance and fuel-cost efficiency.

Our products help farmers to Move More, Save More, Earn More

MB Agri SA live by the Mahindra Rise credo: Accepting No Limits; Alternative Thinking and Driving Positive Change.

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Tractors

TOUGH :

HIGHER TORQUE AND FLAT TORQUE CURVE:

More Power at all RPMs

HEAVY DUTY FRONT AXLE :

More load bearing capacity

HEAVY LIFT HYDRAULICS:

Easy lifting of implements

HEAVY DUTY PLANETARY AXLE:

Can Use Heavier Implements and Uniform Load Distribution.

HEAVY CAST IRON CHASSIS:

Stable Body at Higher Loads

EFFICIENT :

LOAD-RESPONSIVE FUEL DELIVERY:

Optimum fuel usage

ECONOMY PTO:

Same PTO power @ lower RPM

MORE GEAR RATIOS (15F+15R / 12F+12R):

More speed options and better control and good precession

BIGGER CAPACITY AIR CLEANER:

Works in extreme conditions

BIGGER CLUTCH:

More Power

EFFORTLESS :

ON-THE-GO SHIFT (FORWARD & REVERSE SHUTTLE):

Fast & Easy Shift in single lever

SYNCHROME SH TRANSMISSION:

Easy shifting of gears

INDEPENDENT PTO:

Easy shifting of PTO

FULL PLATFORM WITH COMFORTABLE LEVER POSITION:

Enhanced Legroom, less fatigue

HAND THROTTLE LEVER:

Ease of Operation & less Fatigue



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The New Generation Mahindra 6000 series tractors, are designed to perform multiple tasks, passing through the rigors of works with ease.

Loaded with impressive standard features, the complete equipment package offers a high performance 4 Cylinder, Direct Injection, Water cooled, Turbo Charged engine, easy shift synchromesh transmission with Power shuttle and big lift capacity.

Offering a range of Engine Hp from 55 to 73HP and with an option of 2WD and 4WD, there is a model to meet your needs.

Key Features:

- Fuel efficient 4 cylinder, low RPM engines
- 15F / 15R Partial Synchromesh with Optional Synchro Shuttle
- Independent 540 and 540 E PTO

Ideal For:

- Agriculture
- Hay
- Material Handling

- Best in class operating weight for more built in traction, stability and control for a safer operating environment.
- Clear-view instrument cluster and easy to use ergonomic controls
- Best in class 3-point lift capacities

- Grounds Maintenance / Municipal
- Rural Lifestyle
- Livestock
- Dairy

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These new generation tractors are a perfect blend of modern styling and high Performance. Designed for high reliability, these tractors come with a powerful engine, heavy-duty synchronesh transmission with shuttle and high lift hydraulics. The design includes a sloping hood and rounded fenders for all-round visibility. The uncluttered operator platform makes for easy entry and exit. The ergonomic controls provide maximum operator comfort and ease of operation. These tractors are ideal for soil tilling, spraying, fertilizing, seeding, post-harvesting and haulage applications.

No matter what terrain, go ahead and give them the toughest job and see them perform with ease.

Key Features:

- Turbo charged 4 cylinder powerful 83 HP engine
- High Max Torque (300 Nm on 7580; 330 Nm on 7590)
- 12F/ 12R Synchronesh with FR Shuttle Shift technology
- Dual PTO Speeds with Independent PTO
- Standard heavy duty 4WD for heavier applications.
- Full platform design with side shift gears for Superior Ergonomics
- Best in class lift capacity

Ideal For:

- Agriculture
- Hay
- Material Handling
- Speciality / Hobby Farming
- Ground Maintenance / Municipal
- Rural Lifestyle
- Livestock
- Dairy



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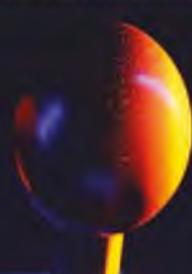


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New from Bonnox 3 metre High “All-Game” Barrier.

BONNOX (PTY) LTD

With the ever-increasing cost of game and game farming, securing these valuable assets on your property is an ongoing battle every game farmer experiences each day. Losing one of your prized possessions due to a perimeter fence not being able to contain the animal could be both costly to yourself and potentially fatal to unsuspecting motorists. A solution was needed and Bonnox (Pty)Ltd has heard and catered to its clients needs by launching this new and innovative product. Bonnox (Pty) Ltd fencing manufacturers are proud to announce yet another first in the South African fencing market – The new 3 metre(10ft) high All-Game Barrier fence.

“

One of a kind machine designed

and created by the amazing Bonnox team. Bonnox launches yet another first of its kind in the Southern African Fence Market! The new 3m high Bonnox “ALL-GAME” BARRIER range is ideal for game farmers and breeders. Contact Bonnox on Tel : 012 666 8717



This new product is ideal for game farmers who need to protect and ensure the well being of their prized game. Even the most ardent of “jumpers” will find this hurdle difficult to overcome, thereby ensuring the farmer that what he wants to keep in -stays in! and what he wants kept out – remains out! Kudu, Impala, Eland, and Waterbuck, renowned for being “jumpers”, have met their match!!

This product has been manufactured by Bonnox South Africa using the same high quality materials and care that we use for all our products, guaranteeing the highest quality product available to the end-user. The product is manufactured at our factory in Centurion, South Africa and is only available directly from our dedicated sales team at Bonnox. By dealing directly with the end-users, we are able to keep the cost of our quality products as low as possible, thereby ensuring the end-user gets true value for money when purchasing an authentic Bonnox product.

The new 3 metre All-Game Barrier fencing is heavily galvanized to guarantee durability in the harsh African conditions. There are two variations available in this range to cater for every ones needs.

The first variation has a horizontal line spacing of 100mm(height) by a vertical line spacing of 300mm for the lower 1.3-metre section. The next 300mm(height) directly above this area has 2 sections with a horizontal line spacing of 150mm(height) by a vertical line spacing of 300mm each. The remaining 1.4-metre upper section has a horizontal line spacing of 200mm(height) by a vertical line spacing of 300mm. A 100m roll of this variation weighs only 87.10kg,

making distribution easier.

The second variation has a horizontal line spacing of 100mm(height) by a vertical line spacing of 150mm for the lower 1.3-metre section. The next 300mm(height) directly above this area has 2 sections with a horizontal line spacing of 150mm(height) by a vertical line spacing of 150mm each. The remaining 1.4-metre upper section has a horizontal line spacing of 200mm(height) by a vertical line spacing of 150mm. This is ideal for farmers who wish to keep smaller animals from breaching their perimeters at ground level as the vertical line wires are in closer proximity to each other (150mm) and would hinder any type of animal trying to crawl through. A 100m roll of this variation weighs only 119.43kg, making distribution easier.

As with all Bonnox quality products, erecting the fence is easier, less time consuming and less labour intensive. Bonnox recommends the following guidelines be adhered to when erecting the All-Game Barrier fence :

Posts : 3.8m length, cemented 750mm - 800mm into the ground, 98m apart, each post should have 2 stays .

Stays : 4.2m length, attached to the post and cemented into the ground with a 35° angle.

Y-standards: 3.65m length, knocked 600mm into the ground every 10m.

Droppers: 3.05m length. Optional attached to the fence every 10m.

Clamp bar of 3.2m with 4 ton ratchet pullers to be used for straining.

Contact the Bonnox Sales team in Centurion for more details :

Tel : 012 666 8717



Or Email us on :

Linda : linda@bonnox.co.za

Zane : zane@bonnox.co.za

Gerda : gerda@bonnox.co.za

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A FIRST FOR SOUTH AFRICA!!! KUDOS FOR BONNOX'S NEW 3METRE FENCE.



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FARM EXPERT PROPERTIES - CELEBRATING 10 YEARS

FARM EXPERT PROPERTIES & AUCTIONEERS

From humble beginnings back in 2009, Farm Expert Properties and Auctioneers is proud to be celebrating its 10th year in operation this year. From what started out as a home based business with just two people in 2009, we now have 12 full time agents based in strategic areas across the country and administrative support staff at our head office in Vryburg, North West Province. We believe that all our interactions and services must be delivered in an ethical and professional manner, no matter the cost.

10
years...
WOW!!,

When it comes down to it – Its just days and hours of time.

But for us, it's what we can do with that time that really matters and we are very excited to see what the next 10 years will bring!



We have extensive knowledge of the areas that we operate in and will provide you with professional advice and services regarding all property matters. We focus on offering a flexible and customised service for each of our clients unique needs.

We are a dynamic team that specializes in the sales of agricultural properties, from crop, cattle, irrigation and chicken farms to the most up-market game farms across the country. We also cater for clients seeking to buy or sell small holdings, commercial and residential properties across the country. No matter what your property needs are, Farm Expert Properties is able to assist you.

We provide services to sellers, by assisting them in marketing and finding suitable buyers for their most valuable assets. In the same way, we assist buyers in locating, negotiating and providing sage advise in purchasing properties.

With our competent team, a proven track record, family values, ethics, professionalism and efficiency - Farm Expert Properties and auctioneers will turn your dreams into a reality.

Contact our office for any assistance you may require :

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Web : www.farmexpert.co.za

Email : info@farmexpert.co.za

or contact any of our agents directly.



Karl Markram
Tel : 082 379 3165
karl@farmexpert.co.za



Malinda Scheepers
Tel : 083 285 7263
malinda@farmexpert.co.za



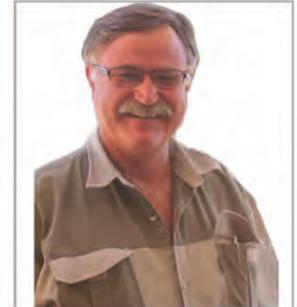
Johannes Bester
Tel : 082 331 6445
johannes@farmexpert.co.za



Johnny Coetzee
Tel : 083 541 5556
johnny@farmexpert.co.za



Louis Bezuidenhout
Tel : 061 304 3249
louis@farmexpert.co.za



Piet Oelofse
Tel : 082 785 2118
piet@farmexpert.co.za



Kenny Misele
Tel : 073 533 6180
kenny@farmexpert.co.za



Phillip Potgieter
Tel : 082 895 8659
phillip@farmexpert.co.za



Tertius Engelbrecht
Tel : 082 448 6433
tertius@farmexpert.co.za



Christof Botha
Tel : 082 439 9693
christof@farmexpert.co.za



Godfrey Dilotsothe
Tel : 072 757 4161
godfrey@farmexpert.co.za



Jaco Kriek
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AVIZANDUM - THE MAGAZINE FOR BIRD LOVERS.

BACK BY POPULAR DEMAND

The name Avizandum is a legal term, meaning for your private consideration and it was adopted for this magazine in March 1989. Avizandum is published monthly for the private consideration of anyone who is interested in the care and breeding of birds.

Avizandum is South Africa's only monthly magazine for keepers and breeders of pet and aviary birds. This magazine was started by Vera and David Dennison in 1989 and is now under the management of Dennison Publishing. The Avizandum has grown in leaps and bounds over the past 27 years and is forever setting new standards. This magazine is the main source of information and the main means of communication between keepers and breeders of pet and aviary birds in South Africa and Namibia. Avizandum is now a registered trademark.

A new era in the life of Avizandum is upon us, the Dennison Family have passed on the privilege of serving the keepers and breeders of pet and aviary birds to the new owners. Guy van Zyl and his family have been in the industry since boyhood and as all bird fanciers started at a young age. Whilst being involved at his local clubs, auctions and at National level within the industry over the past Twelve years his passion for the

industry will serve him well in this new role as editor of Avizandum.

Whilst the Avizandum management has changed the goals remain the same. Avizandum will remain the leader in its field, as a High-Quality magazine, imparting fresh, new and relevant information to readers on a monthly basis. The van Zyl family understands the challenges associated with taking over a magazine with the reputation of Avizandum and look forward to continuing to publish relevant information that speaks to the reader's needs.

The Avizandum Magazine hosts an Online Shop(www.avizandum.co.za/onlineshop) for all things Bird related. For your convenience we host a Bird Shop Section where you can post all your Birds you have for sale or wanted. You can email your requirements to advets@avizandum.co.za.

For articles and subscription to the online Avizandum magazine please contact us on

editor@avizandum.co.za or visit www.avizandum.co.za



Avizandum™

for birdkeepers vir voëlboere

The favourite magazine for Bird Lovers is Back!!!

The collage displays several covers of the Avizandum magazine, each featuring a different bird species and article highlights:

- Top Left:** Eastern Rosellas - Their Care & Breeding, Egg Binding in Birds, and a profile of Louwa de Bruyn.
- Top Middle:** The Slender-billed Eastern Puffin, featuring a white cockatoo on the cover.
- Top Right:** Quaker Parakeets - Care and Breeding, featuring a grey parakeet.
- Middle Left:** Plumhead Parakeet Mutations, featuring a blue and purple parakeet.
- Middle Center:** Patagonian Conures, featuring a green and yellow parakeet.
- Middle Right:** Sulphur-crested Cockatoo, featuring a white cockatoo.
- Bottom Left:** Kakariki's - Their Care and Breeding, featuring a yellow and red parakeet.
- Bottom Right:** The Abyssinian Lovebird (Agapornis taranta), featuring a yellow and red parakeet.

At the bottom of the collage, the website www.avizandum.co.za is prominently displayed in red text.



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From water harvesting and filtration systems to bioremediation of polluted water bodies and the recycling of effluent, Rhino Water contributes to the conservation of our planet's lifesustaining resource. Rhino Water offers innovative and customised solutions in a conscious effort to reduce water consumption and address the challenges of environmental pollution. Our clientele varies from small domestic users to large industry, including factories, office blocks and shopping centres as well as agricultural and housing developments.

From humble beginnings as a plastic recycler almost 50 years ago, the Rhino

Group has diversified extensively into solutions for water, lighting, corrosion prevention, construction, plastics manufacturing; and importing of specialized agricultural plastics.



Rhino Water provides a turnkey solution for the construction and installation of dam liners for earth dams, ponds, canals and reservoirs for the containment of water, sludge, fertilisers and waste water. Geotextiles are installed as under-layer to dam liners where soil conditions require protection of the dam liner. Typical applications include farm dams, waste water treatment works, landfill sites and mining applications. Made-to-fit flotation covers offer reduced evaporation and algae growth. The presence of birdlife is also prevented where required, such as in dams near airports where they pose a threat to aviation. Installation meets AIGI and SANS requirements, while seaming meets GR Test Method GM19 requirements. All seams are non-destructive seam tested.



Geomembrane types:

High Density Polyethylene (HDPE)

Benefits:

High tensile strength; impact, tear and puncture resistance; good environmental stress cracking resistance; and highest resistance to chemicals.

Best for: Lining landfills, insulating chemical plants, roads, petrol stations and mining applications.

Low Density / Linear Low Density Polyethylene (LDPE/LLDPE)

Benefits:

Good mechanical properties and more flexible than HDPE. New-generation LLDPEs, with additives such as metallocene, match HDPE in strength while maintaining excellent flexibility.

Best for: Applications where a very high chemical resistance is

not essential.

WE OFFER SOLUTIONS FOR:

- Open water bioremediation
- Food and beverage waste
- Sewage and grey water
- Industrial effluent
- Fat and grease traps
- Manure, sludge and oxidation ponds
- Water harvesting
- Water filtration
- Earth dam liners and flotation covers
- PVC liners for cement dams

WE ALSO SUPPLY THE FOLLOWING AGRICULTURAL PRODUCTS :

- Cocoa peat
- Construction plastics
- Cucumber wrap
- Grain and silage bags
- Greenhouse film
- Irrigation pipe & drip tape

- Mulch
- Biodegradable mulch
- Netting
- Nursery bags
- Silage film
- Bale wrap

Rhino Water is part of the Rhino Group of Companies, which has been providing holistic food-energy-water and green building solutions throughout Southern Africa for the past half-century.

Contact Us for any queries or assistance :

Tel +27 (0)41 451 3197

Email : sarel@rhinowater.co.za

Email : brianv@rhinoplastics.co.za

Or visit our website for more information about our products and services:

www.rhinoplastics.co.za



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FENCING TO GUIDE YOUR FLOWERS

An illustration of a trellis structure covered with various flowers. In the foreground, there are large yellow flowers. The trellis is covered with a grid of metal wires. The background shows a field of blue and red flowers.

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The important aspect of our technology is droplet size and mass, which led to the development of the Maxcharge™ nozzle 28 years ago, at the University of Georgia, in Atlanta, USA. The droplet size and efficacy of the dispersed electrostatically charged droplets, create a “wrap around” effect and cover the targeted object on all sides. Data submitted by leading universities demonstrate that air-assisted Electrostatic Spraying Systems (ESS):

- Dramatically reduces the application water required
- Significantly reduces application waste and off-target drift
- Effectively increases insect and disease control



The term “Electrostatic Spraying” is often misunderstood. Two common mistakes are made in the assumption that “all electrostatic sprayers are the same” and are mistakenly referred to as “foggers”.



How does it work?

Electrostatic attraction is what causes items of clothing to stick to each other after being tumbled in a clothes dryer. The same natural force is utilized by ESS electrostatic sprayer systems. The heart of ESS air-assisted electrostatic sprayers is the patented MaxCharge™ nozzle, together with a spray dispersion through pressurized air, which produces spray droplets that are 900 times smaller than those produced by conventional sprayers.

As the spray is atomized, the droplets pass an electrode in the patented MaxCharge™ nozzle, which induces a negative charge on each spray droplet. The lightweight, negatively charged droplets are dispersed from the nozzle and carried deep into the plant canopy in a turbulent air-stream.

The negatively charged 30 to 60 micron droplets are repelled from one another and naturally attracted to the plant material, resulting in a uniform fine powder coat coverage. This provides measurably more than twice the deposition efficiency when compared to conventional non-electrostatic alternatives.

Droplets literally change direction and move upwards against gravity to coat the plant surface.

Although the technology is advanced, ESS air-assisted MaxCharge™ nozzles and sprayers are hardy and easy to maintain.

Benefits

- *reduces the risk of drift, runoff and ground wastage*

The way in which the spray coats the underside of leaves and back-sides of stems is known as

electrostatic “wraparound”. The electrostatic charge is 75 times stronger than gravity, allowing the spray droplets to uniformly disperse and cling to plant surface, rather than blown past the target, or accumulating into larger pools. The even dispersion avoids run off and chemical hot spots, to eliminate the risk of leaf and fruit burn from longer term chemical residue concentrations.

- *requires minimal water due to low-volume air-assisted spraying*

Low-Volume air-assisted spraying technology requires 8 to 12 times less water carrier than conventional spraying methods. Growers are able to reduce standard 1,000 litres per hectare applications by conventional methods to an average 100 litres per hectare using ESS technology.

- *increases efficiency of softer, environmentally safer applications*

The ability to provide comprehensive dispersion and coverage of targeted crop significantly improves the performance of controls applied. The increased residual effect can extend the half-life of controls and reduce frequency of spray applications.

- *reduces costs through operational efficiencies of hectare cover per application.*

Low-Volume air-assisted spraying technology reduces the need and regularity of stoppage times per tank fill, increasing efficiencies of the number of hectares covered per spray day.

The benefits to the crop in quality terms and with improved dispersion of applications to efficiently manage insect and disease control, together reduced water requirements, spraying time, equipment



wear and tear, add up to a lean payback period.

Where can I find it?

ESS Inc's manufacturing facility is based in Georgia, USA, where all manner of sprayers, from compact handheld mobile backpack sprayers to industrial scale row crop sprayers, are built.

I & M Smith (Pty) Ltd, have been operating in Africa for over 100 years, specialising in the agricultural sector. The company represents ESS Inc., in Africa and has built steadfast relations with their ESS clients. I & M Smith (Pty) Ltd., have trained technicians on standby, ready to assist with new sprayer commissioning, onsite operational staff training and comprehensive after sales service and spares support.

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Ons ervaar tans die ergste droogte in 220jaar. Op hierdie stadium is die nood so groot dat mens en dier op 'n daaglikse basis moet gehelp word.

Boere het reeds hulle kuddes tot op die uiterste verminder, polisse laat vaar, medies gestop en Kooperasie rekening is gesluit of ver oortrokke en agterstallig.

Save the Sheep is deursigtig, nie winsgewend en regverdige organisasie.

Sutherland distrik se boere is in 5 groepe verdeel. Om voerverdelings makliker en regverdig te maak is hierdie groepe dan weer verdeel in Klein, Medium en Groot boer.



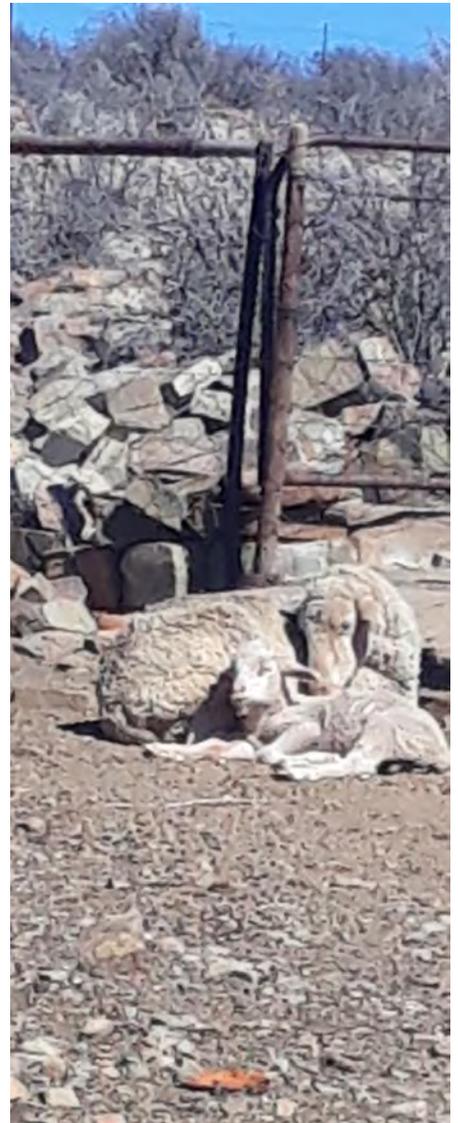
Daar is huidiglik 136 boere op Save the Sheep se voer lys.

Ons vra 'n donasie prys op die voer wat verdeel word en daardie fondse word dan weer aangewend om nog voer in te koop of om transport kostes te dek.

Alle donasies word bestuur met die oog daarop om boere op die lang termyn volhoubaar by te staan tot die droogte en sy nadraai verby is.

Ons distrik se vrouens het ook 'n projek begin om die boere te ondersteun. Met die maak en verkoop van produkte genereer hul fondse om die boere by te staan.

Produkte sluit in, gehekelde skapie karakters, materiaal skapies, koffie



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bekers, hemde, baba vessies, geverfde of gedrukte kussings, materiaal handsakke, wasgoed pennetjiesakke en hulle is steeds besig om hierdie projek uit te brei.

Ons sal bly wees as u bereid is om ons te ondersteun, sonder hulp van buite sal ons nie hierdie droogte kan wen nie.

Maniere waarop bydraes en ondersteuning gebied kan word:

- Versprei die woord van ons projek aan vriende, familie en kontakte
- Inligting oor beskikbare voer of transport vir ons projek
- Finansiële bystand dmv donasies (fondse word aangewend

soos hierbo genome)

- Bystand dmv kospakkies wat ons kan verdeel tussen boere

- Ondersteun die Sutherland vrouens se projek, persone wat belangstel kan De-Manndi Symington kontak op whatsapp 0721016514 of e-pos demannidi@gmail.com

- Sluit aan by ons Facebook blad, SAVE THE SHEEP SUTHERLAND, daar deel ons gereeld nuus van skenkings, voer verdelings en die dames se produkte.

- **Laaste maar nie die minste, gebede en bemoeding!**

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