

# GAUTENG SMALLHOLDER

DEC 2016/JAN 2017  
**HOW TO MAKE YOUR PLOT PROFITABLE**



Now also available  
~ as published ~  
**ONLINE...** go to  
[www.sasmallholder.co.za](http://www.sasmallholder.co.za)

**Free magazine:  
Take one!**

**IN THIS EDITION:**  
Fight AHS with bats  
Christmas gift ideas  
Start a petting farm  
... and much more...



Find us on  
**Facebook**

[facebook.com/gautengsmallholder](https://facebook.com/gautengsmallholder)

***More than 19 000 copies distributed monthly throughout Gauteng***

[www.sasmallholder.co.za](http://www.sasmallholder.co.za)





# ANIMAL FEED, FODDER & BEDDING SPECIALISTS

## NOTHING BEETS THIS FIBRE

**BOVASOL Eezi Fibre** – Rich in digestible fibre that can supply up to 75% of roughage requirements.



- High energy fibres
- Energy levels are not as low as traditional roughage
- Digestibility almost double that of traditional roughage
- Energy levels are slightly below cereal grains
- Safer to feed than grains
- Can be fed wet or dry
- Low in carbohydrates and sugars
- Suitable for insulin resistant and laminitic horses
- Quality protein and good balance of limiting amino acids
- Locally grown crop

## DEC/JAN CASH & COLLECT SPECIALS

**Milmac** 12% Cubes – **R224**

**Milmac** 12% Meal – **R228**

**Alzu** 12% Maize Free Meal – **R232**

**Alzu** 12% Maize Free Cubes – **R237**

**Equus** Train and Leisure 40kg – **R226**

**Equi-Feeds** 14% Sport Meal 40kg – **R314**

**Epol** 40kg 12% Rider Cubes (V3670) – **R241**

**Epol** 40kg 12% Super Rider Meal (V18409) – **R241**

**Epol** 40kg Cool Cubes (V17734) – **R241**

**Spurwing** Maintenance 40kg – **R266**

**Spurwing** Paddock Plus 40kg – **R282**

**Royal** Maize Free Meal/Cubes – **R246**

**Molatek** Molasses Meal 40kg – **R130,50**

**Molatek** Master 20 40kg – **R156,70**

**Molatek** Trophy Block 25kg – **R144,50**

**Boskos & Browser** Game Pellets 40kg – **R256**

*Prices incl. VAT • Only while stocks last • Prices subject to change without notice.*

**Email orders to: [helen@milmac.co.za](mailto:helen@milmac.co.za) • Fax: 086 516 1147**

**Emergency: 072 715 1271 • 082 809 8080 • 078 803 4027 • Find us at 274/2 Cedar Road, Chartwell**

**Call: 086 100 1182 or visit [www.milmac.co.za](http://www.milmac.co.za)**



**PUBLISHED BY**

Bowford Publications (Pty) Ltd  
*Established 1985*

(Reg No 2004/019727/07)

PO Box 14648, Bredell 1623

Tel: 011 979-5088

or 076 176-7392

Fax: 086 602-3882

website:

www.sasmallholder.co.za



facebook.com/gautengsmallholder

**PUBLISHER & EDITOR**

Pete Bower

email: editor@gautengsmallholder.com

**RESEARCH EDITOR**

Vanessa Bower

email: vanessa.bower@gmail.com

**GRAPHIC DESIGNER**

Mark Hageman

email: graphics@gautengsmallholder.com

**ADVERTISEMENT SALES**

Pete Bower

email: sales@gautengsmallholder.com

**ADVERTISING RATES**

(All Rates Full Colour, incl VAT)

Full Page - R7480

Half Page - R4620

Quarter P - R2570

1/8 page - R1360

Smaller sizes: R104 per col cm

(Minimum size - 4 col cm)

(Black only: colour rate less 20%)

**Booking discounts**

(Payment lumpsum in advance)

3 insertions - less 10%

6 insertions - less 15%

(other payment and discount options are available)

**Circulation Area**

More than 19 000 copies distributed free through outlets in the Agricultural Smallholding settlements of Gauteng and adjoining provinces. Also available by mail and online.

**By Mail**

To receive the *Smallholder* by mail send us a supply of stamped, self-addressed A4 envelopes.

Or, subscribe for only R210 per year. See coupon in this edition.

**Online**

http://www.sasmallholder.co.za

**Copyright**

Title and contents protected by copyright. No part of this publication may be reproduced or stored in any form whatsoever without the prior written permission of the publisher.

**Disclaimer**

While every care is taken to ensure the accuracy of the information in this journal, neither the Editor nor the Publisher can be held responsible for damages or consequences of any errors or omissions. The Publisher does not stand warranty for the performance of any article or service mentioned in this journal, whether in an advertisement or elsewhere.

**FRONT COVER**

Given the role of the donkey prior to the birth of Christ, it's fitting to feature one on our cover at this time of year, and to wish all a happy Festive Season.

# COMMENT, by Pete Bower

## The caravan moves on



What a month it's been! Following weeks of shenanigans, intrigue and gloom and doom at home involving Shaun Abrahams, Pravin Gordhan & Co, Jacob Zuma, Brian

Molefe and a motley cast of hangers-on and toadies ~ not to mention flooding in Gillooley's Interchange ~ we were able to take a breather, courtesy of the Home of the Brave and the Land of the Free. For news-watchers were treated to the final spectacle of the 2016 US presidential election.

Oh, how vicious to each other were the contestants! Oh, what hubris in the result! And oh, how awful some of the humour (example: this is not the first time in America that a white family has ousted a Black family from public housing...)

So, what have South Africans, and the rest of the world, learned in the last 30 days?

For ourselves, it is clear that the issues currently feeding our daily discourse bear absolutely no relation to the issues occupying the minds of world players. Here, we are consumed by the activities of one man, his family and his immigrant friends as they seek to plunder as much of our tax money as they can before they inevitably get caught, kicked out of office and (in the case of the immigrants) out of the country and even, with a bit of luck and good management, kicked into jail.

The South African media, whose efforts are vital in the fight against corruption, are not entirely blameless in spreading confusion and depression among the citizenry, and the way to avoid being drawn into the web of deceit and lies that abound as events unfold is simply to see everything through a sharply focused lens ~ a lens that focusses clearly on Zuma and the Guptas. For everything, whether it be the nuclear deal, or Pravingate, or Saxonwold shebeens, or Chinese massage parloured-links to rhino poaching, all have their genesis in the machinations of Zuma and the Guptas. So while we all need to play along with these charades if we are to stymie the larceny in any way, we need have no fear that any development involving the current cabal has any foundation in a higher purpose, such as adhering to the rule of law or serving the needs of the people.

More worryingly, perhaps, some commentators are starting to ask the "what if" question: what if Zuma pulls the classic African dictator stunt and, *a la* Mugabe, makes himself president-for-life? Now THAT'S something to fret about.

But we focus on our own affairs and our mickey-mouse economy at our peril. There's a world out there that's changed fast, and will continue to change, and if we don't keep our eye on what's happening we're going to find ourselves left behind.

For there's a nationalistic ~ some would say right wing ~ wave of sentiment sweeping across the northern hemisphere which started before, but had its first truly public manifestation in, Britain's Brexit vote. One can analyse the reasons for Brexit long and hard ~ and many have ~ and one can point out that the European Union, while a grand philosophical idea to prevent the Germans from ever going to war with the rest of Europe again, is hopelessly flawed, not least economically. Its collapse, or at least further fragmentation, is by no means an impossibility.

And, apart from Brexit (and Trump, across the Atlantic), there's more European nationalism on the way. Germany's current welcoming mistress Angela Merckel hopes for another term but her countrymen have had a skinful of her open-doors-to-refugees policy, and there's a very real possibility that she'll be replaced by a more nationalistic leader. Down in France Francois Hollande is far less popular than the right wing firebrand Marine le Pen, who is only marginally less radical than her now-senile father. And there are other examples across Europe of right-wingers on the ascendancy. So Trump, as dishonest, obnoxious, Islamophobic and sexist a bully as he may be, is not the only right-wing candle on the world cake.

Our problem, of course, is that attempting to form personal opinions on the basis of pollsters and the media can lead to the kind of disappointment felt by US Democrats following Trump's victory. The media and pollsters did the world a disservice by starting to believe their own hype ~ that Clinton would win.

And a swing to the right is not necessarily a bad thing. It happens all over the world from time to time, and it remains to be seen whether Trump has real teeth to push through some of his more extreme ideas or if he's just a loud-mouthed lout.

And, to be frank, a more conservative, localised, down-to-earth approach to life is what sustainable-living proponents worldwide themselves espouse.

So while the world gears up for another chapter in its history, we wind down for some time ununder the African sun. "The dogs bark, but the caravan moves on."



**- ALL PRICES INCLUDE VAT -**

**POWER**  
*in your hands!*



**Diesel Engines**



4HP  
6HP  
11HP includes electric starter  
20HP

**from R4 399.00**  
**\*VAT included**

**Petrol Engines**



5,5HP  
6,5HP  
9HP  
13HP  
16HP  
20HP  
Horizontal Shaft

**from R1 695.00**  
**\*VAT included**

**Outboard Engines**



6.5HP  
15HP

**from R12 995.00**  
**\*VAT included**

**LAWN MOWER ENGINES**



**On Special!**  
**20HP**

**ONLY R9 995.00**  
**\*VAT included**

6.5HP to 14HP also available  
from R2 250.00 VAT included

**Cultivators**



Different Models

**from R7 399.00**  
**\*VAT included**

**Generators**



Battery Included

**Petrol from R7 995.00**  
**Diesel from R11 950.00**  
**\*VAT included**

**62cc/ 200mm**

**Auger**

Drill Bit  
Included

**R2950.00**  
**\*VAT included**

**Water Pumps**



*Inlet/outlet hose available*

Standard Pumps:  
Petrol & Diesel

**from R1 995.00**  
**\*VAT included**

Trash Pumps:

**R4 250.00**  
**\*VAT included**

High Pressure Pump:

**R3 765.00**  
**\*VAT included**

Pedestal-mounted  
Pulley Pumps

SU 50/2"  
SU 80/3"

**from R1 295.00**  
**\*VAT included**

Power Sprayer



**R4 350.00**  
**\*VAT included**

**Mini Dumper**



**R17 995.00**  
**\*VAT included** Loading Capacity 320kg  
Forward & Reverse Gears

**2" DIESEL**  
**WATER PUMPS**  
**ONLY R4 999.00**  
**\*VAT included**

Concrete  
Drive Unit

**R3 195.00**  
**\*VAT included**

Compactors  
different models

**from**  
**R5 699.00**  
**\*VAT included**

Tamping Rammer  
Replacement Engines  
R2 995.00  
**\*VAT included**



**BENONI: 011 422 6354**

95 Amphill Avenue

**FULL SPARES BACKUP & SUPPORT**

*Pictures for illustrative purposes only.  
Actual products may differ. E&OE*

**ALL PRICES ARE**  
**VAT INCLUSIVE**

[www.magnumpower.co.za](http://www.magnumpower.co.za)

**- ALL PRICES INCLUDE VAT -**



# STEWARTS & LLOYDS **PALISADE**

*The Largest Manufacturer  
of Steel Palisade Fencing  
in the Southern Hemisphere*

## Cold formed palisade panels

40 x 40 section  
16 palings per panel

3 000mm wide x 1 800mm high **R610.00**  
3 000mm wide x 2 000mm high **R659.00**

## Cold formed palisade palings

40mm x 40mm	30mm x 30mm
1 200mm R23.21	1 200mm R15.55
1 500mm R24.55	1 500mm R19.44
1 800mm R29.46	1 800mm R23.33
2 000mm R32.73	2 000mm R25.92

3 or 7 spike available

**Alrode 011 900 4270**  
**Boksburg 011 917 0778**  
**Booyens 011 496 3000**  
**eMalahleni 013 692 8425**  
**Pretoria 012 800 9600**  
**Robertville 011 672 1100**

## CF PALISADE GATES

Includes wheels & tracks

40x40 GATES, 1,8m R780/m  
40x40 GATES, 2,0m R810/m  
30x30 GATES, 1,8m R650/m  
30x30 GATES, 2,0m R700/m

76 x 76 Square Posts  
2 400mm R135.00  
3 000mm R179.00  
Includes domed cap

## Cold formed palisade panels

30 x 30 section  
19 palings per panel

3 000mm wide x 1 800mm high **R560.00**  
3 000mm wide x 2 000mm high **R590.00**

Palings and panels  
manufactured  
from 500mm to 3 000mm height

## Hot rolled angle palisade panels

	25 x 25 x 2	30 x 30 x 2	40 x 40 x 2
1800mm	R665.00	R766.00	R879.00
2000mm	R720.00	R805.00	R957.00

**Only A-Grade Material Used**  
**We Manufacture Various Lengths**  
**Free Delivery • All Prices include VAT • E&OE**

**Springs 011 811 5111**  
**Vanderbijlpark 016 981 2038**  
**Vereeniging 016 421 3260**  
**Wadeville 011 824 1800**  
**Wynberg 011 321 7900**

**NEW HOLLAND**  
AGRICULTURE

# TARLTON NEW HOLLAND

*A name you can trust for  
NEW and USED tractors...*

NOW IN STOCK - QUALITY USED NEW HOLLAND TRACTORS



NEW HOLLAND TRACTORS  
from 42kw - 400Kw

Full range of New Holland  
Construction Machinery



NEW HOLLAND  
B115B TLB



NH TT75 2x4  
NH TT75 4x4



Ask about  
our full  
range



NH6505 + cab  
NH6050 cabless

**...and ALL implements**

Always in stock:  
**NEW HOLLAND**  
Cutters, Rakes,  
Conditioners,  
Square & Round  
Balers



**SALES • SERVICE • SPARES • FIELD REPAIRS**

Plot 173, Vlakplaas, N14, Tarlton Tel 079 207-0985

Cell: Dirk 082 415-0149 Herman 082 878-4295

[www.tarltonnewholland.co.za](http://www.tarltonnewholland.co.za)



Enjoy 5% discount on production of this

# Runyuan **SPECIAL FOCUS ON**

润源实业 **AGENTS & SALESMEN SOUGHT**

ALL PRICES EXCLUDE VAT.

## Power Tillers

Four models to choose from:

RY900 (pictured) - 5,2kW (7HP) petrol engine, belt drive  
860mm tilling width, max 300mm depth  
RY1100S (pictured) - 5,2kW (7HP) petrol gear drive  
1m tilling width, max 300mm depth  
RY1100C - 6,7kW (9HP) petrol gear drive  
1m tilling width, max 300mm depth  
RY1100B (pictured) - 6,7kW (9HP) diesel gear drive  
1m tilling width, max 300mm depth



RY1100B 6,7kW  
(9HP) Diesel driven  
tiller

Optional attachments include  
adjustable 1-share plough, etc

**From R8 500  
to R18 000**



RY900 5,2kW  
(7HP) belt driven  
tiller



RY1100S 5,2kW  
(7HP) Petrol driven  
Tiller

All models come standard with:  
Wheels & Tiller Blade Sets

**Full Spares &  
Parts Backup  
in SA!!**

## Walk-behind Tractor COMBO

12HP Walk-Behind  
Tractor



**+** 1,5 ton capacity  
ride-on trailer



Adjustable  
single-share  
plough

**+**

Ride-on  
Rotavator

**R51 100**



## Our Agents:

Pretoria North 081 727 1675 Dusty  
Montana Park 082 929 2554 Herman  
Bronkhorstspuit 072 730 7635 Martin  
Bapsfontein 083 644 4916 Brien  
Benoni 082 900 5400 Ronnie  
Sundra 083 228 8089 Venter  
Brits 073 606 9954 Gerry

## Green House



**only R260/m<sup>2</sup>**

JIURUI SOUTH AFRICAN NEW ENERGY SCIENCE AND TECHNOLOGY (PTY) LTD,  
Unit 8, Aviation Park, 18 Pomona Road, Kempton Park. Tel 071 222 3576  
email runyuan02@runyuan.com.cn, runyuan03@runyuan.com.cn, yaasha06@gmail.com

**ONE-STOP SERVICE PLATFORM FOR FARM EQUIPMENT**  
Cultivators ~ Tractors ~ Trailers ~ Planters ~ Harvesters ~ Hand-held Tools ~ Pumps



advertisement. Valid till 31 December 2016

# SMALL FARMERS

THROUGHOUT SOUTHERN AFRICA!!



2 row maize planter  
2BJG **R16 000**



3-share disc plough  
Heavy Duty 1LYQ

**R25 000**



Sickle Bar Cutter  
9GB-1.6 m

**R14 000**



4 row maize planter  
4BIG **R32 000**



**ALL PRICES  
EXCLUDE VAT.**

Ridger 3Z-120 1 row

**R6 500**



Ridger  
3Z-120 - 2 rows

**R10 000**

Slasher Mower-  
9GX-1.5m

**R19 000**



Disc harrow 7x7

**R15 000**



Disc harrow 8x8

**R17 000**



7CX-5 ton trailer

**R53 000**

Fertiliser spreader  
CDR-600 litre

**R8 000**



**A TRUSTED name internationally  
for quality agricultural machines**



[www.runyuantrade.com.cn](http://www.runyuantrade.com.cn) Run-Yuan





# Knittex®



COULD  
HAVE BEEN  
AVOIDED



— TO THE RESCUE —



## SpectraNet CODE 20

SpectraNet is well known for providing plant and crop protection to local farmers against harsh weather conditions and damage caused by hail, wind and birds.

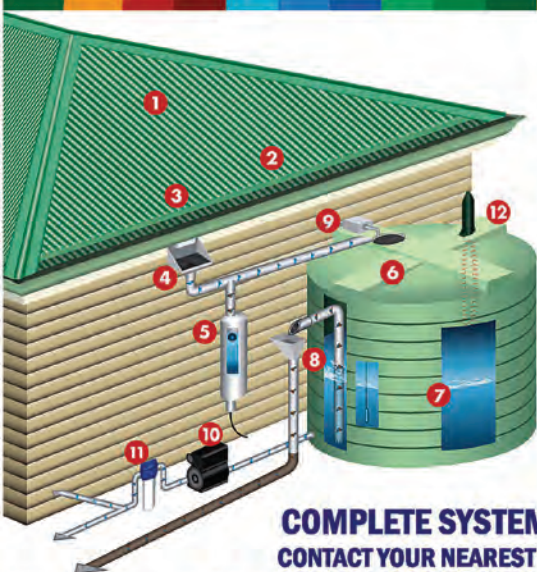
Multiknit (PTY) Ltd: +27 13 751 2376 | Knittex sales office: +27 11 692 1658 | clientliasion@knittex.co.za | www.multiknit.co.za

# FarmCity

farm-value in the city



## Rain Harvesting



- 1 Collection Surface
- 2 Collection Gutters
- 3 Gutter Protection
- 4 Rain Head Inlet Filter
- 5 First-flush Diverter
- 6 Inlet Screen
- 7 Collection Cistern
- 8 Overflow Port
- 9 Auto-fill / Automatic Top-up
- 10 Pump
- 11 Water Filter
- 12 Water Level Indicator

**COMPLETE SYSTEM AVAILABLE AT FARMCITY**  
**CONTACT YOUR NEAREST BRANCH FOR MORE INFORMATION**

**Houtpale**  
**NOU BESKIKBAAR**  
**by FarmCity**  
**Atterbury**



**Atterbury** c/o Atterbury and Olympus Road Tel: 012 991 7090 |  
**Pierre van Ryneveld** c/o Ryneveld and Pieter Botha Street Tel: 012 662 1710/25 |  
**Ruimsig** c/o Hendrik Potgieter and Viljoen Street Tel: 011 662 1471

**ANIMAL HEALTH | PETCARE | OUTDOOR | DIY | PAINT | EQUESTRIAN | POOL  
CLEANING | GARDENING | JOHN DEERE | CLOTHING | IRRIGATION**

Hinterland





## 'How do I calculate evaporation, simply?'

**S**IR ~ I attempt to conserve my household's grey water for eventual use on my garden. To this end it flows through a simple gravel and sand filter which removes any fats and solids (and also deodourises it) before entering a lined "dam". This is a circular dished affair about 15m in diameter, lined with a single sheet of thick greenhouse plastic (and therefore, hopefully impervious), over which is laid brick embedded in sand and grouted into position. The hole in which this is dug is of solid ouklip, of such impermeability that when it rains a hole dug in ouklip will take days, literally, to drain. The sides of the dam are gently sloped downwards towards the centre where the dam is about 1,2m deep, the

idea being firstly to maximise the surface area of the water to enable as much of the sterilising interaction of the U-V rays of the sun as possible, and secondly to facilitate the exit from the water of any animal or human who should stray into its murky depths.

I have had this for a few years now and in the early days it would fill to the brim, and even overflow after rain. This year, however, it is far from full, even after the

recent rains, so much so that there's not enough in it to use for watering the garden.

I should add that in the past year I have added a small solar pump to the set up which, during sunlight hours, pumps a steady stream up into the filter, discharging back into the dam and creating a pleasant tinkling sound, aerating the water a little and keeping the medium of the filter, hopefully, in an anerobic state.

I should also add that our

household's water usage has greatly decreased over the past year as our now-adult children have one by one moved out of our home. At most, therefore, we use 200 litres a day of recyclable water.

My question, therefore is this: how much moisture does one lose through evaporation here on the Highveld?

I ask, because I really can't believe (at least I fervently hope) that the dam and its

Continued on page 8

The Editor welcomes your letters, comments and opinions, but reserves the right to edit and shorten as necessary. Senders' names and addresses must be included.

Afrikaans letters will be translated.  
Post mail to: Letters, PO Box 14648,  
Bredell 1623 or fax 086 602-3882  
or e-mail editor@gautengsmallholder.com



**BREDELL GAS & HARDWARE**

Hardware **Summer Fresh Gas**  
Dry Cleaning  
TV & Video Repairs  
**OPEN ON SUNDAYS 09:00-12:00**  
Bredell Shopping Centre  
3rd Ave, Bredell Tel 011 396-1662

## FOR SALE

9.38 ha farm in Zandfontein  
**R1.5 M**

### North Facing House:

3 bedrooms  
2 bathrooms  
Living room  
Dining room  
Kitchen  
Veranda  
Under Zinc



+ Rates R1 372-50/month +



**Rondavel 1**  
2 bedrooms  
1 bathroom  
Living area  
Kitchen  
Under thatch



**Rondavel 2**  
2 bedrooms  
1 bathroom  
Living/dining area  
Kitchen  
Under thatch

1 strong Borehole

**PLUS: 2ha arable land plus 7+ha stunning Magaliesberg hillside ... all close to Pretoria CBD!!**

Portion 83 of Farm 317, Zandfontein

Remi: 074 811 1532

Yusuf: 084 291 0162

Mansour: 073 542 9460

## PRIVATE SALE



## HI PERFORMANCE FEEDS

016 366 1398 • 082 907 6519

Nigel 011 814 1572 • Vanderbijlpark 016 987 3571

Summer seeds now in stock

**FULL RANGE OF FERTILIZERS IN STOCK**



Eragrostis, teff, Smutsfinger, lucerne etc.

Also mielies - yellow & white, modern AND traditional varieties



**Tanks and Pumps for irrigation and Domestic use**

**Pharmaceuticals • Poltek Equipment  
Bird Seed • Agricultural Equipment**

*We sell direct to the public!*

Visit our factory on the Meyerton/Heidelberg road.



**VITAL+MED**

**Get all your animal vaccines here**

016 362 3515 Boet Kruger St, Meyerton



## Use bats in your stables to fight AHS midges

**B**y now, if you want a fighting chance of preventing your horses from contracting, and very possibly dying of, African Horse Sickness (AHS), your inoculation programme should be complete. But there's something else that you can do in your stable yard that might lower the number of carrier midges of the virus and improve the odds against infection, and that is to install a bat box and encourage bats into your environment.

The AHS virus is spread by a tiny midge named *Culicoides imicola* that is active in the early morning from around dawn and late afternoon towards sunset.

Bats, on the other hand, feed from early evening to early morning. Insect-eating bats consume vast number of

### ... and fight bluetongue in sheep, too

insects nightly, mostly locating them by their powerful sonar, which operates in the same way that an underwater sonar is used in a fish-finder, for example. In a process called echolocating, the device (or bat) issues a sonar pulse. When this pulse encounters an object in its path, for

example a school of fish or, in the case of a bat an insect, it reverberates back to the transmitter which, sensing the direction it came from and the time it took from transmission to return, can determine both the position of and the distance of the school or insect.

In this way, fishermen are able to target where to fish and at what depth, and bats, by making instantaneous calculations, can alter their flight paths to intercept their prey.

Larger species of bats have been measured to have lower-frequency sonars which are only capable of locating

Continued on page 10

## MAILBAG

From page 7

plastic lining are leaking, but on the other hand the rate of water loss seems very great. Is there a formula one can use to calculate evaporation and what are the factors involved, eg temperature, relative humidity? The formulae I have found on the internet are unduly complicated for my unmathematical brain. All I want is a

thumbsuck figure to confirm my conviction of undue evaporation, rather than the dam has sprung a leak.

In another part of the garden I have a koi pond and, while it also drops in level in hot weather, it doesn't seem to drop anything like as fast as my grey water holding dam. I have discussed this issue with friends who have pools in Johannesburg and Pretoria

and anecdotally it would seem that the evaporation of water this spring was very great indeed.

### Parched

East Rand

Any reader have an answer to this question? Meanwhile, Parched, have a look at our article on grey water in this edition.

~ Editor



# HYDRO SOLUTIONS

WATER AND SOLAR TECHNOLOGIES

## WATER BACKUP SYSTEM

Be prepared for water interruptions.

### 2000 litre water tank with pressure system.

Now only  
**R4999.00 Incl**  
(Price Excludes Installation)

-  System can be adapted to harvest rain water.
-  Various colours including: stone, olive and light gray.
-  Includes  **HYDRO PUMP** with quick connect fittings.
-  Complete with automatic on/off switch.
-  Installation can be arranged.



Contact us for a quote on any size of backup / pressure system. Contractors Welcome!

**We provide the solution.**

☎ 012 807 3256 / 7  
✉ [sales@hydrotech.co.za](mailto:sales@hydrotech.co.za)  
[www.hydropumps.co.za](http://www.hydropumps.co.za)

## Teramo Trading cc








- No Algae
- No Rust
- Non Toxic
- Cleaner Water For Healthier Living
- Multi Purpose Tanks in Stainless Steel

Available Sizes	Dimensions	Dimension With Stand
300 Litre	800 x 780	1000 x 780
600 Litre	1450 x 780	1650 x 780
1200 Litre	1500 x 1030	1750 x 1030
1800 Litre	1500 x 1220	1750 x 1220

**For More Information Please Contact**  
M. Teladia 082 899 3786  
J. Wang 076 933 3398  
Landline 011 914 4223  
eMail - [teramo@telkomsa.net](mailto:teramo@telkomsa.net)



## Kaytex Belts

Mens' & Boys' Quality Leather Belts

Handcrafted Wallets

We Also Cater For The Corporate & Security Market

 **SA's Leading Leather Belt Manufacturer**

Also manufacturing Men's Braces, Webbing Belts & Elastic Products

Tel 012 666 9134/5/6  
Cell 082 897 8690  
9 Ellman Street,  
Sunderland Ridge, Centurion  
[orders@kaytex.co.za](mailto:orders@kaytex.co.za)

View our full range at  
[www.kaytexbelts.co.za](http://www.kaytexbelts.co.za)






All prices Vat inclusive E&OE - Generator power - No outages

# GROENVOER

Quality Animal Feeds



## CONVENIENT ONE-STOP COUNTRY SHOPPING

Feed • Vet Products • Saddlery • Gumpoles • Buckets • Bins • Brooms • Chicken feeders & drinkers  
Fodder • Eragrostis • Lucerne • Oat hay • Teff • Country Markets • Groom Training • Farm stall delights



## GROENVOER Premium Quality Animal Feed



- Always Available, Always Freshly Mixed
- Formulated for South African conditions
- Organic preservatives
- Direct from factory to feed room

**Horse Feed is our Speciality**

### DECEMBER 2016 & JANUARY 2017 SPECIALS!



**Tabard Equine 5lt**  
**R999**  
Save R150.00

**Coopermatic Spray**  
**R134**  
Save R30.50



**Triatix 125 1l**  
**R245**  
Save R50.00



### LITE-LIFT

Doing your own mucking out over Christmas?  
(Saves time, shavings, stress & physio bills!)



**R745ea**  
Save R50

### Sun Sleeves

**R149**  
Save R33.50  
Great protection while riding, playing sport and gardening



**FRESH CARROTS AVAILABLE!**



### PROUDLY PRESENTING THE SA GRASS ROLL SAVER!

- Recoup cost within months
- Comfortably holds 1.2m grass roll
- Only needs two people for easy loading
- Long Lasting
- Money saving
- Galvanised

SA PATENT  
NO. 2012/05600  
SA REGISTERED DESIGN  
NO. A2012/01178 & F2012/01177  
Infringers will be Prosecuted



"My experience over the last year with Groenvoer's SA Grass Roll Saver has been a pleasure. The robust construction and easy flip open & tilt design makes it so easy for the grooms to load a full 1.2m roll without effort. Since using the feeder I found that my grass wastage has significantly reduced. I estimate less than 10% is being lost & trampled by the horses. This is a super product, pays for itself and I will recommend it to any farmer & stable yard owner."

TIAAN VAN COPPENHAGEN - LAEZONIA

Stockists of:



### ORDER TODAY!

Speak to: Cathy, Irene, Penny, Jenny & Philenie

011 314 1211 082 545 9277  
011 314 1212 076 451 7771  
011 314 1156 076 451 7799  
email: [groenvoer@mweb.co.za](mailto:groenvoer@mweb.co.za)  
web: [www.groenvoer.co.za](http://www.groenvoer.co.za)

Address: Olifantsfontein Rd (R562), Midrand, Gauteng, SA



### Merry Christmas

We will be closed on the following public holidays:  
16, 26 & 27 December  
and 2 January.

Thank you for all your loyal support throughout the year.



TEL: 011 822-8503  
011 964 1323  
FAX: 086 630-2616  
sales@gas2u.co.za  
www.gas2u.co.za



S26° 0.180 E28° 24.807

14 Magic Avenue  
Bapsfontein  
(near BP Garage)

**Walk In  
Special Price**

9kg - R144.00  
19kg - R304.00  
48kg - R768.00

**We also do  
deliveries**

**CHRISTMAS SPECIALS**  
Quote reference Christmas to qualify

RYBOX 2.2 kVA  
Petrol Generator  
Was R2 899-00  
Now R1 999-00

LPG Orange Gas Hose  
Was R15-00 per meter  
Now R9-99



9kg Cadac Cylinder  
Was R699-00  
Now R499-00



LED 10W Spotlight  
Was R120-00 each  
Now 2 for R149-00

Campmaster Cooler box  
Was R169-00 Now R99-00



Cooker Tops  
Was R150-00  
Now R99-00



3kg Safegas  
Cylinder  
Was R550-00  
Now R399-00



Camping Light  
& free cartridge  
Cylinder  
Was R385-00  
Now R299-00

QUALIFIED TECHNICIANS - Gas Installations  
& Repairs - Certificates of Compliance  
ALL PRICES INCLUDE VAT & ARE VALID WHILE STOCKS LAST  
We deliver throughout Gauteng. Call for delivery charges.

ACCREDITED DISTRIBUTOR



Tel: 011 811 5067  
Fax: 011 811 6364  
086 274 2071

## LAWN MOWER & POOL

**SALES  
SERVICES  
REPAIRS**

Petrol & Electric lawnmowers  
Petrol & Electric trimmers  
Petrol & Electric blowers  
Brush cutters  
Chainsaws  
Cylinder mowers  
Ride-ons  
Industrial mowers  
Generators  
Gate motors  
Makita power equipment  
Insecticides  
Fertilizer  
Garden tool  
Gardena Fittings  
Waterfall pumps

Solar Systems  
Pool Nets  
Accessories  
Spa products  
Pool pumps  
Filters  
Chemicals  
Equipment  
Pool cleaners  
Chlorinators  
Pool Renovations  
Repairs on pools  
Build new pools  
Re-Marbelite  
Re-Fiberglass

e-mail: info@lawnandpool.co.za

Latitude: -26.241688  
Longitude: 28.435122

Cnr. 3rd Str & 9th Ave  
Geduld 1562  
Springs



# AHA VOERE/FEEDS

To order for delivery please contact

Tel: 013 661 5093

Email: ahavoere3@gmail.com

DISTRIBUTORS OF:



## THE SOLARMAN SOLUTIONS

We specialise in:

- Solar systems
- Backup systems
- Solar geysers
- Solar borehole pumps
- Electrical installations
- Solar heating (swimming pool)
- All electrical repairs
- LED lights available

Franco: 072 3317 880  
thesolarmansolutions@gmail.com



# NEWS

From page 8

larger insects, bypassing those very small ones, such as midges.

However, smaller bats, of which there are many species on the Highveld, emit higher frequencies which are easily capable of echolocating tiny insects such as midges, even to those down to no more than a couple of millimeters in length. *C. imicola*, which would fall into the category of small insects, is only one of an estimated 1 000 varieties of midge occurring worldwide and a study on bat diets undertaken in Scotland has shown that Scottish bats do,



Three-box bat stations give the animals a choice of housing

indeed, consume midges. But, there's more: bats are voracious and opportunistic feeders, requiring vast number of insects daily to sustain their high-metabolism systems (the Scottish study estimated they can consume up to 3 000 midges a night).

There is evidence that bigger species of insectivorous bats might also consume swarming midges, even if they can't echolocate individual prey, simply by flying through the swarm with their mouths open, hoovering up the insects much the same way that a whale hoovers up vast quantities of krill in the sea.

And bats are opportunistic feeders, going after just about anything in their path. A year-

long study in Limpopo, for example, reveals that bats will feed on stinkbugs, so there is no reason to suggest that midges would be off the menu if available.

There is also some research to suggest that, when all else fails, bats will feed off water sources, skimming up surface-dwelling water insects and larvae, which could include those of the *Culicoides* midge. And if, indeed, bats eat *Culicoides* midges it's not only horse owners who can benefit from their presence. *C. imicola* is also a transmitter of the bluetongue virus, a serious disease of sheep and goats, so keepers of sheep should also have a bat box near their animal housing.

But even if bats have no effect on the *Culicoides* midge there is another compelling reason to encourage them to take up residence near your animal housing, of all sorts, and that's simply because they feed, voraciously, on insects. Thus, they constitute another weapon in your war against mosquitoes, flies and other flying bugs and one that is cost-free and totally natural.

Oh, and that old wives' tale of bats flying into and becoming entangled with ladies' hairdos? That's nonsense. With an echolocating sonar system as sophisticated as a bat's, is it honestly likely that a bat would mistake a human hairdo for dinner?

If you would like to introduce bats to your property, you should offer them decent housing. EcoSolutions of Strydom Park specialises in the manufacture of owl and bat houses, but more importantly maximising the potential occupancy of those houses. EcoSolutions says, "Bat houses and their use in an integrated pest management strategy is not a cottage industry, it is a science. Over the last ten years

Continued on page 13

"Serving the public since 1932"

Valid to end Jan'17

## TURFMASTER

(PTY) LTD



Still the **BEST** warranty in the Industry!

### HEAD OFFICE:

No.1, 3<sup>rd</sup> Ave, Vorsterkroon,  
Nigel, GAUTENG

TEL: 011 730 3400

Email: [info@turfmaster.co.za](mailto:info@turfmaster.co.za)

Website: [www.turfmaster.co.za](http://www.turfmaster.co.za)

### BRANCHES:

EAST RAND, NIGEL: 011 730 3400

CENTURION: 012 653 8342

NELSPRUIT: 064 420 4482

DURBAN: 031 701 8233

PORT ELIZABETH: 041 581 8443

ROODEPOORT: 076 921 5469

BELLVILLE: 021 945 4106

## Holiday Specials

Buy the perfect gift!



### ESTATEMASTER

Heavy Duty Three Wheeler  
600 mm Cut

MARUYAMA  
MT110V  
2-Stroke engine  
5.8 hp

R6,750  
Excl. VAT



### KUDU

Industrial Heavy Duty Mower

With: POWER PRO  
15 hp Engine

R16,000  
Excl. VAT



Contact  
us for  
other  
Kudu  
engine  
prices



Ride-On Lawn Tractors



MTD 96

38" Cutting Width, 7.8 kW, 13 hp

R23,000

Excl. VAT

SMART  
RF 130 H  
38" Cutting  
Width, 6.3 kW

R29,000

Excl. VAT



Twin Bag Grass Catcher  
for MTD Ride-On Mower

R5,500 Excl. VAT

## SCAG PATRIOT

Zero-Turn Rider

The Patriot 61" will handle your  
toughest commercial jobs  
and large estate properties  
with ease and comfort.



61" Cutter Deck,  
23 hp  
Kawasaki FX730  
Air-cooled engine

Prices per unit, Excl. Delivery & VAT. Valid for COD customers only.  
While stock lasts. Models available may differ from illustrations. E&EO.



Visit our office on the N14/R28, Plot 11 Van Wyksvlei, Muldersdrift



**DICLA**



We supply and install high quality farming tunnels and stock a wide range of horticultural products



Visit our new Website! [www.dicla.com](http://www.dicla.com)



**DICLA**

Dicla Muldersdrift  
011 662 1371  
[gerry@dicla.com](mailto:gerry@dicla.com)

Mon-Fri 07:30-17:00

Hannes Botha  
083 708 9269  
[hannes@dicla.com](mailto:hannes@dicla.com)

Visit our website [www.dicla.com](http://www.dicla.com)





## Dispelling the great grey water myth

**A**lthough the rainy season has now come with a vengeance (as we go to press the East Rand is having one of the wettest Novembers in the past 20 years) the network of dams feeding Gauteng is not replenishing as fast as would be wished and the call is still out to save water.

One of the water-conserving practices being encouraged is the use of grey water for irrigation.

While this is a worthy exercise, granted, on many smallholdings it will be wasteful expenditure and the practice could even be potentially harmful to the environment and the family. That's because the volume of grey water generated by a water-conscious household does not warrant any great

**Calculate your grey water production before you spend money recycling it, because you probably generate less re-usable water than you think**

investment in recycling infrastructure, which is

infrastructure nonetheless necessary if the water is to be

used safely in the long term. A simple set of numbers will help you to calculate your domestic grey water produc-

Continued on page 15

## BATS & AHS

From page 11 we have collected information designed to provide us and our clients with the most potentially viable bat house and integrated pest management programme.

"The key to this success depends primarily on the servicing and monitoring of our bat house programmes. "During the bi-annual service we check for occupancy, we check bat house condition and replace or repair when necessary. We collect temperature data from data loggers, we collect guano for

DNA marker analysis which provides us with information on both the bat species who utilise the bat houses as well as the prey species which they consume.

"Where new information has provided us with greater insight into design, location or orientation of bat houses, we implement these improvements during the course of the bi-annual service. The service component is critical in order to facilitate occupancy and to ensure continued occupancy."

To provide a selection of artificial roosts appealing to both bats of the same species as well as bats from different species, Eco Solutions uses three fundamental designs in their "bat banks". These are the nursery box, the six-chamber box and the Old George box (an American design). The positioning of these three designs in parallel allows a greater range of roosting sites from which bats can choose, says Eco Solutions.

For more information: Eco-Solutions Tel: 011 791-7326

## N3 Animal Feeds

53 Magagula Heights  
Vlakplaas, Vosloorus

Tel 082 345 1946

Transport available on the East Rand  
(small or large quantities)

### ROSSGRO

### ROSSGRO Layer Feed

104 mash R255 for 50kg

105 mash R260 for 50kg

### ROSSGRO Broiler Feed

Starter R300 for 50 kg

Grower R287 for 50kg

Finisher R277 for 50kg

**R550.00 per 1.2m Eragrostis Bale**



**1 day old Broiler chicks  
available R6.90/ea  
( A-Grade including vaccination)**

**Phone for a quote!!!!**

Tel 082 345 1946

N3meatmarket@gmail.com

**Ann Coetzee**

( 16 years of broiler production experience)

## Professional Home Weather Station with colour screen

**R3500  
VAT incl**



### Features:

- Record temperature, rainfall, wind speed & direction, barometric pressure, humidity etc
- Color display, touch keys
- Auto upload data to net server
- View weather station data on your phone
- Receive alerts on weather changes
- ... and much more...

**Weather forecasts!  
Wireless rainfall &  
wind recording!**

**Jean 083 514-0709**

Email jeann@ecoconcepts.co.za  
www.ecoconcepts.co.za

**Eco Concepts (Pty) Ltd**



SHAYA FORGINGS (PTY) LTD T/A

## SHAYA FIRE

- 🔥 Servicing of Fire Extinguishers
- 🔥 Fire Fighting Equipment
- 🔥 Siting and Installation
- 🔥 Health and Safety
- 🔥 Fire Retardant for Thatch and Interiors

**WE COME TO YOU**

**Rob Williamson**

Cell: 073 811 2972

Whatsapp: 081 399 9053

Email: rob@akiva.co.za







# Cleaning Products for your Home

A wide variety of household products, from:

- Dishwashing liquid to wash & wax for cars
- Kills odours in septic tanks
- Feeds septic tanks & soakaways with enzymes
- Septic tank friendly
- Cost-effective



*Free Delivery in  
Pretoria & JHB*



**Tel: 014 736 3463  
014 736 2279**

**e-mail: [info@scarabsa.co.za](mailto:info@scarabsa.co.za)  
Web: [www.scarabsa.co.za](http://www.scarabsa.co.za)**

## Environmentally friendly and bio-degradable



# Wastewater Treatment Systems

- Does your septic tank smell?
- Has your French drain failed? ... Again?
- Are you polluting the neighbour's borehole water?
- Are you compliant with the National Water Act?
- Would you really like to reuse your water?

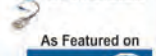
**Each Scarab system...**

- Is designed to comply with the National Water Act
- Is simple to install, maintain and operate
- requires no chemicals (Ozone optional)
- uses minimal power
- Is almost maintenance free
- produces clear and odourless water
- Is modular to suit new loadings
- Is sized from the single house to large estate



**The Scarab system is:**

- Featured in the Dept of Water Affairs best practices guideline policy
- Listed as a top 100 SA company for its technology in 2004, 2005 and 2006, and for receiving the Bio2Biz award in 2006.
- A preferred supplier to the Dept of Health - Rural Clinics (KZN)
- Featured on SABC3 Business Update



**Johan 082 535 4576**

**e-mail: [johan@scarabsa.co.za](mailto:johan@scarabsa.co.za)**

*Now in Bela Bela  
(Warmbaths)*

**Tel: 014 736 3463 Fax: 086 763 8267 Cell: 082 441 9549**

**e-mail: [scarabwater@gmail.com](mailto:scarabwater@gmail.com)**

**Web: [www.scarabsa.co.za](http://www.scarabsa.co.za)**

## Have you hugged your water today?



From page 13

tion:

❑ A five-minute shower using a reasonably conservative shower head will generate about 35 litres. This can be considerably reduced using a modern water-saving head.

❑ A standard bathroom basin holds eight litres if filled below the overflow hole.

❑ A standard kitchen sink holds 15 litres if not filled to the brim.

❑ Modern water-efficient dishwashers use as little as 15 litres per cycle.

❑ Your washing machine, if a modern machine, uses between 50 and 120 litres per load and if an older type, about 100 to 170 litres per cycle.

❑ If you still use a bath for your daily hygiene, bank on using 300 or more litres per tub, depending on how full you make it.

Q Water used for mopping and scrubbing floors can be

## A family of three, with modern appliances, should generate just more than a drum-full of grey water a day

added, at a rate of eight to ten litres per bucket, assuming the used contents are emptied into the drain rather than flung out into the garden. Similarly, a few litres can be added for the water used to rinse basins, showers etc.

Thus, a household of three people, showering, using a dishwasher in the kitchen and a washing machine once daily each, can work on about 250 litres of grey water generated daily, assuming they use half a basin each a day, twice, for brushing teeth, shaving etc, and two full kitchen sinks daily for washing pots and pans, rinsing vegetables etc. Remember this is not the household's TOTAL water usage. One needs to add water consumed (eg drinking water, tea and coffee) as well

as toilet flushing (at least eight litres per flush in a standard cistern with reduced capacity either through the addition of bricks or through adjustment of the ball valve).

Taking this calculation further, 250 litres of water applied in the garden as rain would be the equivalent of a good soaking (10mm) of rainfall over 25m<sup>2</sup>, or an area measuring 5m x 5m.

But for you to use even this quantity safely over the long term it should be filtered, firstly to remove solids (food scraps, hair, soil residue from vegetable washing etc), but also to deodorise it and remove fats, oils and greases which, in time, will clog your soil.

It is also advisable to partly sterilise the fluid by exposing it to the ultra violet rays of the

sun.

The fact that the remaining fluid is high in soap and shampoo residue is not of undue concern as these compounds are largely made up of phosphates and nitrates, which are chemical fertilizers and are therefore beneficial to plants.

More importantly, if you use grey water for irrigation, is to keep a watch on the pH of your soil and adjust if necessary. Better still, rotate

Continued on page 17

## Slang Vanger stel

Beskerm Familie, Vriende, Diere & Vee



NET R 995.00 Posgeld ingesluit  
Skakel of SMS Ralph: +27 825730710  
of epos: SnakeAlert@Global.co.za

**MARUYAMA**  
Still the **BEST** warranty in the Industry!

Chainsaws Hedge Trimmers  
Brush Cutters Backpack Blowers Pole Pruners  
Mist Blowers  
Nylon Line

Only available from:  
**TURFMASTER** (PTY) LTD

TEL 011 730 3400  
No.1 Third Avenue, Vorsterkroon, Nigel  
Website: [www.turfmaster.co.za](http://www.turfmaster.co.za)  
Email: [info@turfmaster.co.za](mailto:info@turfmaster.co.za)  
Branches Countrywide

**SEPTIC TANK PUMPING**

**SEPTIC TANK CLEANERS**  
WE TAKE YOUR SHIT!

**0861 11 33 24**  
Authorised Permit Holders  
in Ekurhuleni  
**082 300 3996**



**Disclaimer: Galvanising contains zinc. Customers use galvanised products for livestock and humans entirely at their own risk.**



# DROUGHT

## Gauteng's main dams explained

A little simple hydrological geography will make it plain to you which Gauteng's dams, (notably the Vaal Dam) aren't filling as fast as we'd like because, while Gauteng is awash (literally, if you were in Gillooly's Interchange a few weeks back) with rain. The simple reason is because not much rain has fallen yet on their catchment areas. The Vaal Dam's catchment, for example, is largely the highlands around Standerton and Ermelo. Rain that falls over Gauteng flows west and north. Thus, insofar as Gauteng uses water from Roodeplaat, Bon Accord and Hartbeespoort Dams our rainfall is helpful to the dams, but that which falls on the south of the Witwatersrand ridge flows into the Vaal River, replenishing the Bloemhof Dam, thence into the Orange, and thus to the South Atlantic on the West Coast. Notably, rainfall in this area does not reach South Africa's largest dam, the Gariep, on the Orange River, as the

confluence of the Vaal and Orange takes place further down the Orange at Douglas, northwest of the Gariep Dam. Rain which falls to the north of the Witwatersrand ridge flows into various north-flowing rivers, notably the Crocodile River, and into Hartbeespoort Dam, and then into the Limpopo River on the Botswana border. The Limpopo, in turn, forms South Africa's northern border and, onward, the eastern boundary of Mozambique's Parque Nacional, before it empties into the Indian Ocean just west of Xai-Xai. Incidentally, many visitors to Gauteng wonder why, even in times of drought when other rivers might run dry, the Vaal River near Vereeniging and Van der Bijl Park is always full of water to the same level. That's because the river as it flows past those two towns is effectively a 64km long dam itself, its waters held there by the Barrage, a 10m high spillway across the river between Van der Bijl Park and Parys completed in 1923.

# WATER

From page 15

the area that you use grey water on frequently, giving parts of your garden a break from receiving a constant dose of what is in effect a weak liquid chemical fertilizer.

While "proprietary" grey water filter systems are now available, a handy small-holder could easily build a low-cost system comprising a gravel-and-sand filter and storage using 210 litre drums both for the filter and, in tandem for storage of the filtered effluent, the number of storage drums dependent on the size of the household. A more profitable use of grey

water, perhaps, is to replace that (fresh, clean, drinking quality) water which flushes one's toilets, with grey water. Filtered and deodorised, grey water repurposed in this way will actually make a saving to overall water usage, rather than merely watering a small patch of plants and lawn. US plumbers' studies show that an individual using an old-fashioned cistern toilet will use about 71 litres per day, while one using more modern water-saving devices (including modern dual-flush systems) will use about 35 litres a day.

# WATER IS OUR BUSINESS

We carry the widest range of pumps and fittings for all your requirements

- Borehole Testing & Certificates
- Dewatering of Dams & Pools
- Installations of Borehole pumps & Garden Irrigation (Phone for Quotation)
- We now stock **POOL CHEMICALS!**

Borehole testing up to 100 000€ per hour. Borehole inspections can be done with latest camera technology.



*New Tanks now in stock!*

*Call us now for a quote on your GARDEN IRRIGATION*

*We also Repair!!*



**011 660 7824**

TECHNOLOGIES

**amanti**

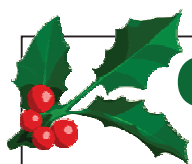
**anna@amantitech.co.za**  
**www.amanti.co.za**

67 Commissioner Street, Krugersdorp (opposite Action Ford)

GPS 26°06'07"S, 27°46'20"E

**Consultations on ALL your water problems**





# CHRISTMAS



## Gift ideas for maplotters

### Home weather station

Many smallholders have a rain gauge in their gardens, and some keep comprehensive records of rainfall on their plots. Others, a bit more ambitious perhaps, attempt to

forecast what's likely to happen weatherwise, often by no more a scientific method than gazing into the sky to catch glimpses of cloud build-up on the horizon. If you would like to do something a little more scientific, and have a handle on more environmental factors on your land, such as

relative humidity, barometric pressure, wind direction and speed, and maximum and minimum temperatures ~ and have all this (and more) information readily available on your computer, a battery (or mains)



ECO2950 home weather station

powered personal weather station from Eco Concept of Pretoria East, the ECO2950, should be on your shopping list this Christmas.

The device comprises two parts which connect wirelessly over a maximum distance of 100m. One is mounted outside and does the gathering of information, including rainfall, wind direction and wind speed while the other is a digital receiver, processor and display of the information collected.

The latter can also automatically upload your data to your computer or, better still, to a network of all users of similar devices in your area to give a more comprehensive picture of weather conditions. To view this information, and see the weather history recorded by these devices around Gauteng, go to [www.wunderground.com](http://www.wunderground.com). Being electronic, it enables much more data to be collected conveniently through the day. Thus, while a conventional rain gauge simply catches the rainfall and gives you a total until you empty it, this device measures individual rainfall events, recording the amount for individual showers.

And using all the information at its disposal, the device is able to make simple weather

Continued on page 19

TEL: 012 653 8342/8 or 083 269 0398

Email: [dennismow@mweb.co.za](mailto:dennismow@mweb.co.za)

Unit 9 Miracle Park, Lenchen Ave

Ext off Old JHB Road CENTURION

GPS: 25°52.753'S, 28°9.635'E

EAST RAND: 011 730 3400

VALID UNTIL END JAN'17



SERVING THE PUBLIC FOR 21 YEARS

### Stillette

**Garden services choice!**

#### Water Pumps

2" - R183 Engine

**R2,220** Excl. VAT

3" - 175Y Engine

**R2,100** Excl. VAT

3" - R183 Engine

**R2,600** Excl. VAT



#### Diesel Engine 8RC

296 cc,  
(Borehole pumps),  
6 kW, 8 hp

**R5,150** Excl. VAT



#### Multi Tool



32.7 cc Power Unit with  
1). Nylon Head,  
2). Pole Pruner,  
3). Hedge Trimmer  
4). Lawn Edger  
All 4 attachments incl.

**R5,200** Excl. VAT

Optional attachments:

Water Pump

Broom Sweeper

#### Hedge Trimmers

22.5 cc  
600 mm Cutting width

**R2,300**

Excl. VAT



#### Hand Held Blowers

25.4 cc - **R1,800** Excl. VAT

With Vacuum 25.4 cc

**- R2,050**

Excl. VAT



#### Backpack Mist duster

82.4 cc,  
20 Liter  
Chemical  
Tank

**R4,500**

Excl. VAT



**18" Walk Behind Mower**

Briggs & Stratton

650 I/C Eng. **R2,975**

2200 W Electric

Mower **R2,400**

3000 W Electric

Mower **R2,700**

All Prices Excl. VAT

#### Backpack Sprayer

16 Liter

**R340**

Excl. VAT



#### Engine 4-Stroke GS212

212 cc,  
Horizontal,  
5.25 kW, 7 hp

**R1,650**

Excl. VAT



#### Engine 4-Stroke GS440

439 cc,  
Horizontal,  
11.25 kW,  
15 hp

**R3,600** Excl. VAT



#### Straight Shaft Brush Cutters

**NEW 42.7 cc**

32.7 cc - **R1,909**

42.7 cc - **R2,150**

51.7 cc - **R2,300**

All Prices Excl. VAT



#### Engine 4-Stroke

173 cc, Vertical,  
4.5 kW, 6 hp

**R2,200** Excl. VAT



#### 2-Stroke Engine

122 cc, 2.7 kW, 3.6 hp

**R2,100** Excl. VAT



#### Diesel Engine 1100D

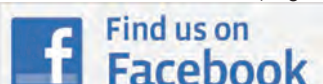
458 cc,  
Horizontal,  
8.25 kW,  
11 hp

**R5,250** Excl. VAT



PRICES PER UNIT, EXCL. DELIVERY & VAT. VALID FOR COD PURCHASES ONLY. WHILE STOCKS LAST.

MODELS AVAILABLE MAY DIFFER FROM ILLUSTRATIONS. E&O



[facebook.com/gautengsmallholder](https://facebook.com/gautengsmallholder)





# CHRISTMAS



From page 18

Recommended retail price is R3 500.

For more information: Eco Concepts tel 083 514-0709

## John Deere apparel & gifts

It's becoming increasingly popular for well-known brands to maximise their earning potential by expanding into fields other than their

core businesses, and a prime example is that of John Deere, so much so that were one not involved in agriculture one might be forgiven for thinking that the brand was popular as an upmarket outdoor and leisure clothing line rather than a famous tractor and machinery manufacturer. But John Deere's consumer offering is much more than only clothing, headwear and footwear, with a full range of toys and novelties to fill the Christmas stockings of boys,



John Deere apparel, caps and novelties

girls, mums and dads alike. You can see this range at Revet's specialist John Deere store on Pomona Road on the East Rand.

Or, you can browse the range online at [www.revet.co.za](http://www.revet.co.za), before visiting to make your purchase.

For more information: tel 011 965-1292

## Kaytex belts

Looking for a quality leather belt for your hubby, or a pair of braces for granddad?

Kaytex Belts of Sunderland Ridge is a leading manufacturer of high-quality genuine leather belts, wallets and webbing items. Both plain and fancy designs are available, and are sold under a number of quality



Kaytex belts

brand names nationwide.

Kaytex also sells directly to the public from its factory in Centurion.

For more information: tel 012 666-9134/5/6

## Landini toys

Not everybody owns a John Deere tractor, of course, and to some kids such a toy would be a disappointment, especially if Dad owns a Landini or McCormick.

Continued on page 21

**AFRIBORE**  
Experts on the East Rand for:  
**A COMPLETE WATER SERVICE**  
Borehole Drilling  
Pump Installation  
Cleaning & Yield Testing  
**082 945-7423**  
**083 656-8385**  
[afribore@icon.co.za](mailto:afribore@icon.co.za)



**COUNTRY STYLE FENCING**  
**TREATED POST & RAIL FENCING**

- Push-fit
- No nails or screws
- No Maintenance
- Very quick
- Very strong
- CCA TREATED

**GUM POLES** For Cattle, Horses & Gardens  
**POLE & TIMBER SUPPLIERS**  
**TEL 011 640 7975 ~ 072 113-4637**  
[www.poleandtimber.co.za](http://www.poleandtimber.co.za)



**www.TheSunPays.co.za** Contact us for a NO OBLIGATION QUOTE on 082 515 1655 / 012 734 0915

**LOW PRESSURE SOLAR GEYSERS**  
100L with 10 Tubes from R2 895.00 & 2 Year Guarantee  
5L Auxiliary Tank - R489.00

**HIGH PRESSURE SOLAR GEYSER**  
100L with 10 Tubes from R7 795.00 & 2 Year Guarantee  
23 Other Models on [www.TheSunPays.co.za](http://www.TheSunPays.co.za)

Full Price List On Our Website  
Prices Include VAT  
Free Delivery 100km From Cullinan

**INVERTERS**  
4KW/5kVa Pure Sine Wave Inverter with a 60Amp MPPT from R12 195.00

- Single Phase Stackable up to 16kW
- 3 Phase Stackable up to 24kW
- Data Logging & Control by Computer

**12V 170 AMP HOUR BATTERY - R4 495.00**  
**Solar Panels R10.90 per WATT**





# MESH FOR BIRDS



226 High Road, Pomona, Kempton Park  
Inside the premises of Birds and Pets For Africa  
Open Monday to Sunday from 8:00 am to 5:00pm  
Contact us on: [www.meshforbirds.co.za](http://www.meshforbirds.co.za)  
Barry: 083 679 1317 or [aviary@mweb.co.za](mailto:aviary@mweb.co.za)  
Adelle: 083 427 7101 or [sales@meshforbirds.co.za](mailto:sales@meshforbirds.co.za)

## Mesh: Galvanised After Welding Sold in 30m rolls or p/m

Block Size	Wire dia.	915mm	1220mm	1830mm
6.4mm x 6.4mm	0.7mm	✓	✓	—
9.6mm x 9.6mm	0.9mm	✓	✓	✓
13mm x 13mm	1.0mm	✓	✓	✓
13mm x 13mm	1.6mm	✓	✓	✓
13mm x 25mm	1.0mm	✓	✓	✓
13mm x 25mm	1.25mm	✓	✓	✓
13mm x 25mm	1.5mm	✓	✓	✓
13mm x 25mm	1.6mm	✓	✓	✓
13mm x 25mm	2.0mm	✓	✓	✓
25mm x 25mm	1.0mm	✓	✓	✓
25mm x 25mm	1.5mm	✓	✓	✓
25mm x 25mm	1.6mm	✓	✓	✓
25mm x 25mm	2.0mm	✓	✓	✓
25mm x 25mm	2.5mm	✓	✓	✓
25mm x 25mm	3.0mm	✓	✓	✓
25mm x 50mm	1.5mm	✓	✓	✓
25mm x 50mm	1.6mm	✓	✓	✓
25mm x 50mm	2.0mm	✓	✓	✓



## Mesh: Galvanised Before Welding Sold in 30m rolls or p/m

Block Size	Wire dia.	915mm	1220mm	1830mm
25mm x 25mm	2.5mm	✓	✓	✓
25mm x 50mm	2.5mm	✓	✓	✓
25mm x 50mm	3.0mm	—	✓	✓
50mm x 50mm	1.6mm	✓	✓	✓
50mm x 50mm	2.0mm	✓	✓	✓
50mm x 50mm	2.5mm	✓	✓	✓
50mm x 50mm	3.0mm	—	✓	✓
50mm x 100mm	2.0mm	✓	✓	✓
50mm x 100mm	2.5mm	✓	✓	✓
100mm x 100mm	2.0mm	—	✓	✓
100mm x 100mm	2.5mm	✓	✓	✓

## Hexagonal Mesh (Oogies draad) 50m rolls/pm

Hole Size	Wire dia.	915mm	1220mm	1830mm
13mm hole	0.7mm	✓	✓	✓
25mm hole	0.9mm	✓	✓	✓
75mm hole	1.8mm	✓	✓	✓
90mm hole	1.8mm	✓	✓	✓

## A16, A18, A20 Hog Rings and Pliers



## Light Duty J-Clips and Pliers



## Heavy Duty J-Clips and Pliers



## Bowls, Coop Cups and Swivel Feeders



11.5cm  
14.0cm  
16.5cm  
21.0cm



7.5cm  
9.5cm  
12.5cm  
15.0cm



7.5cm  
9.5cm  
12.5cm  
15.0cm



Double Bowl & Triple Bowl  
11cm, 14cm, 16cm



## Panels & Gates



## Trap Cages

Various Sizes for Jackal, Meerkat, Leopard etc



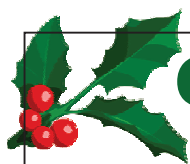
## Aviaries and Cages

(Round, Square, Hexagon, Arch /Pitch roof etc)



**We build custom aviaries  
to your specification**





# CHRISTMAS



From page 19

Fortunately, Landini and McCormick merchandising items are also available locally, from Reapers Agri in Boksburg.

The range is limited to a few models of tractors and implements, but if you have a Landini in your tractor shed

such an item under the Christmas tree might be just the way to your kid's heart this festive season.

For more information: 011 914-1922



Landini and McCormick toys from Reapers Agri

## Winch kit

This ain't a stocking filler, for sure, but if you want to give your hubby a real present for his 4 x 4, get him a RTS 13000LB DIY winch kit from Reapers Agri of Boksburg North. The kit comes complete with everything necessary to affix it to his vehicle and connect it to the vehicle's power. It's an ideal present for the keen offroader at only R7 000.

For more information: 011 914-1922



RTS13000LB winch kit

going so far as to issue a public safety alert warning residents of the dangers of

Continued on page 22

## Snake catcher kit

The warmer weather this year has brought out Gauteng's snake population in great numbers, with the Ekurhuleni Metropolitan Municipality

**Maize Feed & Seed**  
x **Dog Food** **AVI-PLUS**  
**HIGH PERFORMANCE FEEDS AGENT**  
Shop no. 1 Bashee Street Mall,  
Three Rivers, Vereeniging  
**016 423 5767**

**Dog food • Montego • Supreme • Bow Wow**  
**Cat food • Poultry feed • Bird seed**  
**Pet accessories • Reptile accessories**



# ELCO STEEL DEALERS

**011 362-1551/2**  
**011 815 2340/1**

Cnr. Ermelo & Dagbreek Rds, Largo, Springs

[sales@elcosteel.co.za](mailto:sales@elcosteel.co.za)

[www.elcosteel.co.za](http://www.elcosteel.co.za) **Stockists of all Mild Steel**

### PALISADES

Panels	3m
0.6m high	R333-00
0.9m high	R411-00
1.0m high	R436-00
1.2m high	R488-00
1.5m high	R560-00
1.8m high	R644-00
2.0m high	R699-00
2.4m high	R799-00

Pales	Per m
0.6m	R14-69
0.9m	R19-98
1.0m	R21-75
1.2m	R26-11
1.5m	R32-63
1.8m	R39-15
2.0m	R43-50
2.4m	R52-11

Hot Rolled Sheet/Plate	each
2450 x 1225 x 1.6	R486-56
2450 x 1225 x 2.0	R599-07
2450 x 1225 x 2.5	R701-10
2450 x 1225 x 3.0	R811-02
2450 x 1225 x 4.0	R1 117-14
2500 x 1200 x 5.0	R1 528-84
2500 x 1200 x 6.0	R1 900-00

Square Tube (6m)	1.6mm	2.0mm
20 x 20	R80-04	R99-78
25 x 25	R82-02	R136-20
32 x 32	R133-98	R182-28
38 x 38	R154-98	R219-00
50 x 50	R214-98	R290-04
76 x 76	R340-02	R449-58
100 x 100		R585-00

Lip Channel	6m	9m
75 x 50 x 20 x 2	R247-20	R376-77
100 x 50 x 20 x 2	R257-52	R392-50
125 x 50 x 20 x 2	R306-96	R467-86
150 x 50 x 20 x 2	R301-74	R459-91
175 x 50 x 20 x 2	R383-82	R585-01
200 x 50 x 20 x 2	R410-40	R629-28

Square Bar	6m
8mm	R55-62
10mm	R62-16
12mm	R85-02
Flat Bar	6m
20 x 3	R38-94
20 x 5	R53-88
25 x 3	R48-90
25 x 5	R66-90
30 x 3	R58-92
30 x 5	R88-98
40 x 3	R75-00
40 x 5	R108-48
50 x 3	R109-62
50 x 5	R139-02

Round Bar	6m
6mm	R17-16
8mm	R27-96
10mm	R45-00
12mm	R59-40
16mm	R107-04
20mm	R204-36



**DURA CONDO ACDC GATE MOTOR**

2 year Warranty, 2 remotes, 4m rack and battery

**R3376.39**

Now also in stock:

\* LDPE Pipe  
\* Security Doors  
prices on request

**Prices include VAT**

**Also Available:**

• Pipe • Rectangular Tube • Angles • Channel • Galvanised Sheet  
• Roof Sheet • Window Sections • Expanded Metal • Purlines

**Welding Rods**  
1.5mm  
5kg  
**R112-75**

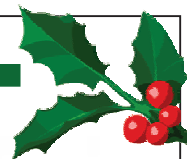
**We also do Beams, Big Angle & Plates for farm use. Your wish is our command**

• PRICES INCLUDE VAT • A GRADE • PRICES SUBJECT TO CHANGE DUE TO NATIONAL STEEL PRICE INCREASE! • SUBJECT TO AVAILABILITY • E&OE •





# CHRISTMAS



From page 21

poisonous species, particularly to pets and livestock.

And while you and your staff may be petrified of a chance encounter with an enraged Rinkhals or worse, you must

acknowledge that snakes are an important part of your smallholder eco-system, helping you greatly in the war against rats and mice. But you can't expect staff and family to deal with snakes humanely and safely if you

don't have suitable implements to do so.

Fortunately, Snake Alert in Pretoria offers a useful snake kit, comprising a snake tong, a long grappling hook and string-close bag, which enables you to remotely grab the reptile behind the head, deposit it tail first into the bag and quickly pull the draw-string closed so that you can relocate it to a more remote part of your plot, or to nearby open ground, where it can hope to find a new home. Snake Alert has a choice of



Stihl cordless hedge shear kit

tongs, the longest being a foldable tong which really enables you to handle the reptile at more than arm's length, as well as grappling hooks to help guide recalcitrant snakes into the bag. For more information: 082 573-0710



Snake catching kit from Snake Alert

## WHOLESALE PRICES DIRECT TO THE PUBLIC

- DIAMOND MESH
- WELDED MESH
- PLAIN WIRE
- BARBED WIRE
- RAZOR WIRE



- POSTS
- STAYS
- DROPPERS
- Y-STANDARDS
- GATES

"WE ARE WIRED"

**TEL: 0861 11 24 53**

## Cordless shrub shears

Get every corner of your garden to look its very best with the new Stihl HSA 25 cordless shrub shears. Combining ease of use with the ultimate in precision, this lightweight, handy tool really comes into its own when working on details.

Standard with a grass cutter as well as a shrub cutter, the Stihl HSA 25 is ideal for maintaining and contouring small-leaved ornamental trees, shrubs and evergreen hedges, as well as for

Continued on page 23

## A-Frame house



**COMPLETE YOUR HOUSE WITH OUR STEEL STRUCTURE**

Building plan supplied  
Price excludes building work

### 210m² STEEL STRUCTURE ERECTED

R201 400 excl VAT  
Steel structure for 3 bedrooms and 2 bathrooms

### 101m² STEEL STRUCTURE ERECTED

R126 300 excl VAT  
Steel structure for 2 bedrooms and 1 bathroom with carport



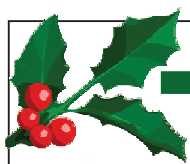
**STEEL FRAMES**

Buildings | Factories and Warehouses | Design and Construction

[www.aframe.co.za](http://www.aframe.co.za)

Pieter 082 497 4247 | [info@aframe.co.za](mailto:info@aframe.co.za) |  
Tel: 011 675 7491 | Fax: 086 610 4461





# CHRISTMAS



Chainsaw filing kit

From page 22

lawn edges. And, thanks to its powerful battery, you get to enjoy complete mobility and a long running time. Contact your nearest Stihl dealer for details.

## Chainsaw chain filing kit

Simplify the process of sharpening your saw chain with the Stihl 2-in-1 filing guide. This unique tool accurately sharpens the saw chain cutters and lowers the depth gauges simultaneously, so you can spend less time sharpening your saw chain and more time putting your chainsaw to work. This handy system includes two round files, one flat file, and comes with a unique file holder and filing guide. The Stihl 2-in-1 filing guide comes in 1/4" P, 3/8" P, .325", 3/8" and .404" so you need to know the size of your chain before purchasing. Contact your nearest Stihl dealer for details.

saws are ideal for branches up to 8cm in diameter. They come with either a 24cm or 33cm saw blade. The Stihl HandyCut folding saw has a 16cm retractable saw blade, fits comfortably in your back pocket while moving round the tree and can easily handle branches up to 5cm in diameter. For more information contact your nearest Stihl dealer.

## Safety helmet

It's an ineluctable fact that many retailers will sell you a chainsaw or brushcutter or similarly



Foldable pruning saw

hazardous item of machinery but will neglect to include suitable safety gear in the deal.

And there's no doubt that, in most cases, along with one's fingers and toes, one's eyes are the most vulnerable part of one's anatomy when using such devices.

But one of the problems with protective goggles for those of us who wear spectacles, is that they

Continued on page 25

## Pruning saw

Spoil yourself with a Stihl pruning saw this Christmas. Featuring 3-sided Japanese toothing, these saws are designed for quick and precise sawing. The impulse-hardened, chrome plated steel blades are corrosion resistant and the two-component handles make for comfortable use. The Stihl MegaCut pruning



Safety helmet from Red Rhino

# Budgies 2 Bantams

Breeders, Buyers & Sellers of Exotic Poultry & Small Stock Animals

Breeders of over 50 breeds of poultry

**55 fully stocked cages**



**Potch Koekoeks**

now in stock

Specialists in Exotic Poultry

## Bantam Breeds

## Large Breeds

## Game Birds

We hand-rear **AFRICAN GREYS**

Mixed Fowl  
Starter Mash  
Whole Mielies  
Growing Pellets  
Laying Pellets  
Growing Mash  
Budgie Seed  
Sweetfeed

## Unique Farm Pet Shop

Aviaries, Cages, Pet accessories:  
Dog leashes, Shampoo, etc.

Only 20 min drive from PTA CBD & Fourways  
on the M26 (Main Road/Erasmia)

Open Sundays & Public Holidays  
by appointment only



info@budgies2bantams.co.za  
www.budgies2bantams.co.za

**Mohamed 082 379 1555**  
Owner: complaints/queries

**Chris 079 692 0542 (sales/buyer)**  
**082 689 0287**

Proud sponsor of the  
**Southern African Show Poultry Organisation**





8 THIRD STREET , DELMAS

[www.mnani.co.za](http://www.mnani.co.za)  
[www.tuffy-agri.co.za](http://www.tuffy-agri.co.za)



TEL 013 665 3054

TEL 013 665 2800

076 560 9856

[gert@mnani.co.za](mailto:gert@mnani.co.za)

[sales@mnani.co.za](mailto:sales@mnani.co.za)

[workshop@mnani.co.za](mailto:workshop@mnani.co.za)

[accounts@mnani.co.za](mailto:accounts@mnani.co.za)

## TUFFY HAYCUTTERS



SIZES AVAILABLE 1.2m, 1.5m,  
1.8m, 2.0m CUTTING WIDTH

## TWIN ROTOR



AVAILABLE IN  
2,4m, 3,0m AND 3,5m

## SEKEL SNYER



AVAILABLE IN  
2,1m AND 2,7m

## TUFFY SLASHER



SIZES FROM 800mm, 1m  
1.2m, 1.5m, 1.8m, 2.0m, 2.4m  
CUTTING WIDTH

## TUFFY ROTOCUT



LUCERNE MOWER  
1.2m, 1.5m, 2.4m

## TUFFY MINI ROUND BALER



RX0850 ROUND BALER  
RX0870 ROUND BALER

## ALL IMPLEMENT REPLACEMENT PARTS ~ ANY MAKE OR MODEL

DISC BEARINGS, DISC SHAFTS ,  
DISC SPACERS, RIPPER TINES,  
CULTIVATOR TINES, BOLTS &  
NUTS, PTO'S , UNIVERSALS,  
YOKES, SPROCKETS,  
CHAIN, IMPLEMENT PINS,  
TOP LINKS

## MOWER SPARE PARTS

BLADES, BOLTS, BUSHES.

COME VISIT OUR NEW WEBSITE  
[www.tuffy-agri.co.za](http://www.tuffy-agri.co.za)







# CHRISTMAS



From page 23

inevitably lead to one's lenses fogging up through perspiration, impairing one's vision. The way to avoid this, and protect the rest of one's face and head ~ and one's hearing ~ is to wear a full safety helmet.

Such a helmet from Red Rhino of Nooitgedacht (and also available from red Rhino dealers) features a washable mesh visor, as well as a neck guard and washable neck flap.

For more information: tel 011 668-1923/4

## Meat saw

If you have butchered your own carcasses without a proper meat saw you will know that it's impossible to do a job that looks as profes-

sional as that done by a commercial butcher, and you've probably been dismayed too as the wastage that results.

Help, for home butchers, is at hand however, with a handy, compact and reasonably priced meat saw from Mark's Plant Hire of Honeydew.

The saw, which weight 55kg



Meat saw and sausage maker

in its packaging, and which you buy folded up (it fits into the boot of a car) and then assemble when required, includes a sausage maker attachment for the quick and efficient filling of, for example, boerewors. The saw is available for R4 795 excluding VAT. For more information: 071 449-2057

## J-clips and J-clip pliers

It may seem a strange thing to buy as a present, but unless one spends one's days making bird cages or otherwise working with weldmesh it is unlikely that one would have heavy duty J-clips and J-clip pliers in one's



J-clips and J-clip pliers

toolkit.

As a result, when one comes

Continued on page 28

## TRACTOR BROKEN?

We repair & service all agricultural tractors, implements & balers



WHERE POSSIBLE, WE COME TO YOU!

## ALLISON'S FIELD SERVICES

William 083 309-7701 Fax 0866 19 11 91

More than 100 years' experience

Your Preferred Supplier of Agri-equipment, Spares & Consumables  
We stock a FULL range of ground-engaging implements

SPECIAL: Vegetable Seed Packets TO CLEAR!!

Best wishes for the Festive Season

# BENFARM

We are closed from the 15 Dec - 06 Jan

## Fertilizers for the Summer Season

2.3.2 general purpose for vegetables, flowers & fruit trees

3.2.1 for foliage, shrubs and all leafy plants

5.1.5 & LAN for lawns & pasture

50kg bags

R16 000



2 row maize planter 2BJG



Benfarm hand-push planter

R14 000



Sickle Bar Cutter 9GB-1.6 m



Full range of Falcon slashers, mowers & haycutters



4 & 5 Wheel rakes



500 litre fertilizer spreader

- Herbicides, Pesticides,
- Poisons & Baits,
- Veterinary Pharmaceuticals
- Veterinary Equipment

In all pack sizes for farmers and smallholders!!

ON SPECIAL NOW!  
COARSE SALT  
A GRADE 50kg BAGS

BREDAL

KONGSKILDE

Tractor & implement spares

FALCON

FARMTRAC

Kubota

Landini

20ness Investments cc t/a

# BENFARM

65 Unity Ave, New Modder, Benoni Tel 011 423-2801

Ronnie 082 900-5400 Sales & Spares 074 362 6696 Admin & Accounts 072 740 9102  
email 20ness@mweb.co.za Website coming soon!



Full range of Jo-Jo tanks



ALL PRICES EXCLUDE VAT





## Hard to wrap. Easy to give.

**FSE 60**  
Electric Trimmer  
3.9kg • 0.5kW  
R1 595



**FS 38**  
Petrol Trimmer  
27.2cc • 0.65kW  
R1 895



**FS 120**  
Petrol Brushcutter  
30.8cc • 1.3kW  
R4 895



**FS 250**  
Petrol Brushcutter  
40.2cc • 1.6kW  
R6 195



**STIHL Standard Safety Goggles**



**STIHL Universal Work Gloves**



**STIHL AutoCut 46-2 and 56-2**  
Professional Mowing Heads  
42mm cutting height



**STIHL Grass Cutting Blade 260-2**  
260mm diameter

Recommended retail prices. Incl. Vat. E&oe.

**FOR ADVICE ON THE CORRECT PRODUCT FOR THE JOB CONSULT YOUR STIHL DEALER**

**ALBERTON:** Lawnmower Clinic 011 907 8484 • **BENONI:** Master Mowers 011 395 2648 • **BRITS:** Enviro Chainsaws Brits 012 252 2479  
**BRONKHORSTSPRUIT:** Bronkhorstspuit Fietswinkel 013 932 0531 • **CENTURION:** Enviro Chainsaws Centurion 012 653 2479 • **DELMAS:**  
Deltool 013 665 3192 • **GERMISTON:** Lawnmowers International 011 873 8406 • **HEIDELBERG:** Masakhane Industries 016 349 6927  
**JOHANNESBURG:** Green's Industrial Supplies 011 614 0295/6 • **KEMPTON PARK:** Precision Mowers 011 391 0708/10 • **KRUGERSDORP:**  
GP Lawnmowers 011 955 3610 • **LEPHALALE:** Enviro Chainsaws 014 763 1713 • **LYNNWOOD:** Mowtown Lawnmowers East 012 348 6427





**HSE 42**  
Electric Hedge Trimmer  
3kg • 0.42kW  
R1 995



**HS 45**  
Petrol Hedge Trimmer  
27.2cc • 0.75kW  
R3 195



**HS 82R**  
Petrol Hedge Trimmer  
with double-edged blade  
22.7cc • 0.7kW  
R8 595



**HSA 25**  
Cordless Shrub Shears  
Incl. grass blade, shrub blade, battery,  
charger and carry case.  
R2 095



**MegaCut Pruning Saw**  
24cm: R595  
33cm: R615



**HandyCut  
Folding Saw**  
R400



## Cordless. Quiet. Convenient: The new COMPACT power tool system

- Lightweight, easy-to-handle tools: ideal for home gardeners
- The two batteries are compatible with all four tools
- Lithium ion batteries are maintenance free and have low levels of self-draining



AK 10 Battery: R1 345  
AK 20 Battery: R1 895  
AL 101 Charger: R555

**BGA 56**  
Cordless Blower  
2.1kg • Max 45m/s  
R2 195\*



**MSA 120**  
Cordless Chainsaw  
2.5kg • Incl. 30cm guidebar  
& chain  
R3 695\*



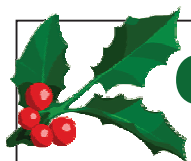
**HSA 56**  
Cordless Hedge Trimmer  
2.9kg • 450mm bar length  
R2 855\*



**FSA 56**  
Cordless Trimmer  
2.1kg • 280mm cutting  
diameter  
R2 345\*

\* Prices excl. battery & charger. Recommended retail prices. Incl. Vat. E&oe.





# CHRISTMAS



From page 25

to do the odd repair, or to build a small enclosure, one is ill-prepared and has to resort to twisting up bits of binding wire to fashion what is required.

Thus, a pair of J-clip pliers and box of clips will make a lovely present for the handy smallholder who does projects on the plot, and who has an otherwise well-stocked toolkit.

Medium-weight and heavy duty clips and pliers are available, the heavy-duty clips being about 1mm gauge. Shaped like a J, these are put around the two strands of weldmesh to be joined and squeezed into a loop by the pliers.

J-clips can also be used to join any two bits of wire lying

parallel to one another (but not as joins for strained fence wires).

A pair of quality J-clip pliers costs R400, while the heavy-duty clips themselves are available by weight, at R45 per 500g, or R85 per kg. For more information: Maxishare, tel 087 351-4871/2/3



Hydro 800 pond pump and fountain

## Pond fountain pump

This festive holiday, if you're looking for a small project around the home, why not convert your patio pond into a babbling fountain?

A small fountain pump with a Jet kit will make a great gift, and it's a little DIY fountain project for anyone.

The Hydro 800 pump with three-function jet kit is the perfect gift for anyone who enjoys their garden or patio. Simply attach one of the three fountain nozzles to the pump outlet, place the pump in a large bowl or your shallow pond filled with water and switch on to enjoy the tranquil atmosphere that a water fountain creates.

The pump has a maximum flow of 1,3m and 800 litres per hour, low energy consumption of only 16W and a 1,5m cable with two point plug to attach to your 200V socket.

A telescopic tube is included for fitting to the jet of your choice and the pump has adjustable flow.

The pump is available from [www.hdropumps.co.za](http://www.hdropumps.co.za) For more information: 012 807-3256

Continued on page 29



**HIGHVELD HONEY FARMS**  
PROTECT OUR BEES

Visit our farm in Rynfield to get your honey at farm prices. Bring your own containers and we will fill them up - pay ONLY for the HONEY

Plot 185 Uys St, Rynfield AH, Benoni  
Tel 011 849-1990  
Weekdays 07:00-17:00  
Saturdays: 07:00-13:00



**GUSTO PUMPS CC**

THIS IS THE SIGN FOR WATER MANAGEMENT

## Water Specialists

We supply and repair all  
PIPES, FITTINGS AND TANKS,  
SUBMERSIBLE PUMPS,  
BOREHOLE PUMPS,  
SWIMMING POOL PUMPS,  
& PRESSURE SYSTEMS.  
At the best prices!

We are experts in  
water management.  
Our prices are very  
reasonable and  
our service is the  
BEST!



Drilling



Tanks



Submersible Pumps



Pressure Systems



Borehole Pumps

Tel 011 957 2588

**Carina de Jong**  
082 872 4143

## Borehole Drilling in Gauteng

- 50 years of experience
- Powerful, state-of-the-art equipment
- Fast, reliable service
- Best prices and advice



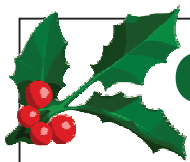
AND: We arrange your related requirements, eg: borehole locating, pump installations, pipe installations, electrical work, etc.

*Lanseria Drilling*

**BOREHOLES - DRILLING & REPAIRS**

**Jaco** 076 727 6464  
**Office** 011 957 2588  
**Johan** 082 552 6071





# CHRISTMAS



From page 28

## Solar water heater

While this is not strictly a Christmas present, it will certainly enhance the value of your workers' accommodation and save energy costs, while not crippling you



Low-pressure solar geyser

financially over the festive season.

The Sun Pays of Cullinan is offering a solar geyser special until Christmas which is suitable for staff housing, or for rondavels, small cottages etc with low water usage. Two models are available: a unit with 90 litre tank capacity (and therefore of slightly larger capacity overall if one includes the volume in the tubes) is marked down to

R2 195, while a bigger unit with 130o litres tank capacity sells for R2 995. These prices do not include an auxiliary tank and electrical element. Prices are valid till 23 December. For more information: 012 734-0915 or 082 515-1655

## 12V water/diesel pump

Going camping or offroading this holiday? If so, a small submersible 12V water and diesel pump from Red Rhino will make transferring fluids on your holiday, and even refuelling your vehicle, a breeze.

Shaped like a miniature borehole pump, the device has its outlet at the top, and has a diameter of only 38mm, making it small enough to easily pass through the bung-hole of a 210 litre drum, or the filler neck of a fuel tank. It can pump a maximum of 1800 litres per hour of water, or 720 litres of diesel to a 1m head, and its power consumption is only 70W.

Red Rhino offers a range of 12V pumps, including two

larger capacity submersible pumps and a suction pump capable of moving a maximum of 2 700 litres per hour with a maximum 10m head. For more information: 011 668-1923/4



38mm diameter 12V water/diesel pump from Red Rhino

		
<b>BRUSHCUTTER</b> <b>STIHL FS160</b> 29CC	<b>BLOWER</b> <b>STIHL BG56</b> 27.2CC	<b>35cm BAR</b> <b>CHAINSAW</b> <b>STIHL MS250</b> 45.4CC
<b>R4950.00</b> Excl VAT	<b>R3195.00</b> Excl VAT	<b>R4095.00</b> Excl VAT
		


**GREEN'S INDUSTRIAL SUPPLIES**

Sales, service and repairs.

Authorised **STIHL** dealer.

**Tel: 011 614 0295/6**

[www.greensindustrial.co.za](http://www.greensindustrial.co.za)



# BENTONITE

## NATURAL CLAY LINER

**For sealing Earth Dams ● Repairing leaking Earth Dams**

- Easy to use
- Economical - only 1 x 40kg bag per 3 square metres
- Environmentally friendly

**SALES: Call 0861 113 965 Fax 011 646-2144**  
**For implementation guide visit: [www.clay.co.za](http://www.clay.co.za)**



# BEEKEEPING

## A busy time in and around the hives

With good rains upon us there will be plenty of honey for the well managed swarms. Activity around the hives now becomes very busy, when only a short while ago during the heat wave and dry air all looked gloom and doom.

The nectar secreted by the flowers in the mornings no longer dries up by 09h00 as during the drought times and the bees are able to forage practically all day. The nectar suddenly comes pouring into

### Another article in our regular series on bees and beekeeping by Peter Clark, chairman of the Eastern Highveld Beekeeper's Association

the hives, there is great excitement inside and the queen is laying eggs, on some days more eggs than her own body weight, and the bees need space, space and more space.

Failure to provide enough causes the hive to become chock-a-block with honey, no space to lay eggs, and no space to rest at night so the bees rest outside and up the front of the hive. They get rained upon, and to keep warm they consume more honey than they would have had they slept inside the hive. They become frustrated and convey to queen that it is time to move on to better conditions. Out go the scout

bees and within a day or two the entire swarm moves away. Management pointer number one is that the beekeeper must provide this extra space timeously by providing at least two supers at the early summer period. A second good management manoeuvre is to provide the hive with a deep lid that creates a space of 40mm above the super frames. This is where the worker bees rest at night and are kept warm and consume a great deal less honey in doing so. Also in this area the bees build combs and store honey and it is this honey they consume if they require honey during the rest period at night.

But there are perils aplenty. Outside the hive ants become a menace, and an old toad settles comfortably under the hive all day and snatches up that odd sweet tasting heavily laden worker bee tired from flying and carrying that heavy load of nectar.

A mouse or two will also sneak in during the night and the Death's Head moth comes fluttering in to do her worst.

The Fork-tailed Drongo bird patrols the flight paths of the bees and snatches up to a hundred bees per day. A heavy rain storm floods the entrance of the hive over the height of the entrances and the bees suffocate and die from lack of air and the build-up of excess carbon dioxide in the hive.

Management manoeuvre number three for the

Continued on page 31



**Top quality pure frozen mince**  
**BEEF OR CHICKEN**  
**DELIVERED TO YOUR DOOR**  
Minimum Order for Home Deliveries: 1 case = 16kg  
**072 838-0552**  
**ronaldc@polka.co.za**

120ℓ	Lae Druk	<b>R4800</b>
12 buise		
200ℓ	Lae Druk	<b>R6800</b>
20 buise		
260ℓ	Lae Druk	<b>R7400</b>
26 buise		
260ℓ	Hoë Druk	<b>R10900</b>
26 buise		

Installering kan gereël word teen ongeveer R4000

**Panele beskikbaar teen**

250w R2800.00	3 teen R7400.00
300w R3200.00	3 teen R8800.00

**Batterye :**

**4 x Vision 100ah Gel batterye R8400.00**



**Pryse geldig op huidige voorraad**

**Pryse sluit BTW in.  
Pryse mag verander.**



**SONKRAG**  
SOLAR VERSPREIDERS

Tel.: 012 8191081. 0828825145

25°40'.761"S, 028°19'.547"E • [sonkragsolar@gmail.com](mailto:sonkragsolar@gmail.com) • [www.sonkragsolar.co.za](http://www.sonkragsolar.co.za)



## Know your wildlife: rabbits vs hares

If it hops like a bunny, has long bunny-ears and a bushy bunny tail it must be a bunny, right? Not necessarily. It could be a hare. You may think you know, but chances are you're actually unclear as to the difference between a rabbit and a hare. Interestingly, even though many think that these creatures look the same, in

fact they belong to absolutely different species. It may sound improbable but the rabbit and the hare have more differences than similarities: they are born differently, their behaviour and style of life are totally different and they even prefer different food.

The difference between rabbits and hares appears at the moment they are born.

First of all, baby rabbits are called kittens, while baby hares are called leverets. Rabbits are born completely helpless, naked and blind. The mother gives birth to the young ones in a nest that has been carefully constructed with grass, tender stems and tree bark. Over this soft cushion, the mother spreads a layer of fur that she takes from her skin. Once the

kitten is in the nest, the mother is careful enough to wrap it with more hair and leaves to keep the young one warm and comfortable. Hares, however, are born fully furred, able to see and capable of independent movement. Hares are bigger than rabbits. They are swifter than rabbits, too. The hares have longer

Continued on page 33



Scrub hare

From page 30

beekeeper, therefore, is to provide a stand for the hive at least 200mm off the ground. This stops toads and mice and prevents flooding of the entrances. Throw well burnt coal ash around and under the stand and some good handfuls of rock salt to take care of the ants.

## BEEKEEPING

A pellet gun takes care of the birds!

Next on the list is the weeds that grow around the hive and must be dealt with in the early summer months. A regular visit to the apiary with a sprayer and weed killer sorts this problem out.

Well managed strong swarms

will reward the beekeeper with at least 25 kg of honey over the season ~ a worthwhile crop for all the hard work.

Article by Peter Clark, chairman, Eastern Highveld Beekeeper's Association, tel 011 362-2904 and secretary Mike Alter tel 011 965-6040

**AFRI-CA**  
IMPLEMENTS  
BOTHAVILLE

**Tough & Dependable Machines  
Ideal for a Smallholder**

**Hammermill**  
Petrol, diesel or electric  
Belt drive, 3 sieves,  
Mild steel blade is easily  
replaced. Mills *ANYTHING!*

**Feed Mixer**  
Single phase  
electric motor  
300 litre bin

**Dropside Farm Trailer**  
1,9 ton capacity  
Pneumatic wheels

*Spares for ALL small hammermills*

**Call Pieter**  
**056 515 4380**  
piet7@africaimplements.co.za  
Visit our website: [africaimplements.co.za](http://africaimplements.co.za)

*Used Tractors Also Available*

**RIPPLE CREEK**  
NURSERY & ORGANICS

**Weed Free Organic Compost  
Lawn Dressing • Garden Soil  
Potting Soil • Kikuyu Instant Lawn**

**Veg & Flower Seedlings, Trees, Fruit Trees, Shrubs, Roses, etc.**

**NEW! AVAILABLE IN BAGS**  
BUILDING SAND/BLEND  
RIVER-SAND & CEMENT  
ALSO: MULCH - Save Water!

**Special:**  
**Compost/Lawndressing Bags: Buy 10 get 1 FREE!**

**Open - Sunday to Friday / Closed - Saturday**  
**Tel: 011 965 1777 or 082 875 9507**  
**78 Elm Road, Benoni Agricultural Holdings**

**PLEYSIER INCUBATORS** ☎ +27 11 659 8041/2

TRADING HOURS  
MONDAY - FRIDAY  
08:00 - 13:00  
14:00 - 17:00

Get the latest 56 egg incubator with candling lights

Automatic turning 56 egg tray

See through Lid for easy observation

Watch the development of the chick by shining light through each egg

**NEW INCUBATOR TECHNOLOGY  
FREE DELIVERY  
IN SOUTH AFRICA  
R3 700**

CONTACT PLEYSIER INCUBATORS 011 659 8041 or 011 659 8042 • CELL: 082 936 5843  
Order on our website [www.pleysier.co.za](http://www.pleysier.co.za) or email [frank@pleysier.co.za](mailto:frank@pleysier.co.za)  
• 2006/169666/23 • VAT: 4290232802 • SARS NO: 2022 1406 For Export •



**Genius Landbou**  
Import & Export cc



**ONS HET IETS VIR ELKE  
BOER SE BEHOEFTE**



**Landini** **MCCORMICK**

**WE STOCK A WIDE RANGE OF  
TRACTORS AND IMPLEMENTS**

**BALERS  
WRAPPERS **GALLIGNANI**  
RAKES  
DISC MOWERS  
TEDDERS**

**NEW**  **FALCON SLASHERS  
BALE HANDLING MACHINES**

**A WIDE RANGE OF  
BP IMPLEMENTS  
AVAILABLE**

**IN STOCK:**

**BALE TWINE FOR  
SQUARE BALERS  
ROUND BALERS  
BIGPACK BALERS**

**HIGH QUALITY NETTING  
FOR ROUND BALERS  
& WRAP PLASTIC  
FOR WRAPPERS  
AVAILABLE AT  
GOOD PRICES**

**WIDE RANGE OF  
PALLET NETTING  
& HAND STRAPPING**



**GPS: 26°04.157'S 27°40.845'E**

**TEL: 011 952 9926/7/8**

**FAX: 086 571 5578**

**marco@geniuslandini.co.za**

**admin@geniuslandini.co.za**

**ENGEN OLIE MET UITKLOP PRYSE  
ENGEN OIL AT KNOCKOUT PRICES**



**20 litre  
210 litre**



# ON THE PLOT

From page 31

ears and hind legs than the rabbits, and longer ears, with characteristic black markings. The rabbits and hares, though different in many respects do share many commonalities. Both the mammals moult their hair twice a year, in autumn and in spring, which will be replaced with another new coat of fur. Rabbits and hares are nocturnal animals. They are most active from the time that falls between dusk and dawn. They keep low in the daytime. Rabbits usually live in burrows or tunnels in the ground, where they prefer to stay during daylight hours. They try to keep hidden. Hares, on the other hand, always stay on the surface among plants and usually try to escape enemies by running. Rabbits move in groups. There exists competition between the male rabbits

within a group to claim dominance. This is how they try to win over their female counterparts and the emergent victor mates with most of the females in the group. The hares on the other hand are solitary animals that live by themselves. The only time they group up is for mating. The hares are a peaceful group since there is no 'infighting' among the hares for mates. The skulls of rabbits and hares are also different. Rabbits' fur coats remain the same colour year round, while hares change during the year. Rabbits and hares have different diets. Rabbits prefer soft stems, grass or vegetables, while hares eat more hard food, such as bark and rind, buds, small twigs and shoots. A hare is a wild animal, while rabbits are domesticated and are grown as pets or for slaughter.

In Gauteng you might come across the following hares and rabbits: Cape or Desert Hare (*Lepus capensis*), Jameson's Red Rock Rabbit (*Pronolagus randensis*), Scrub or Savannah Hare (*Lepus saxatilis*) and Smith's Red Rock Rabbit (*Pronolagus rupestris*). Some plot dwellers refer to their hares as Springhares or Springhaas. However it turns out that the Springhare

(*Pedetes capensis*) is not even a hare – it is actually a species of rodent, which resembles a kangaroo. So what we see at night, raiding the veggie patch or being set up by the dogs and zigzagging across a field at great speed, is most likely a Scrub Hare.



Jameson's Red Rock Rabbit

**Quality Irrigation Pipe @ BEST PRICES!!**  
**Buy direct from our Factory**

- ★ LDPE 12-50mm dia, Class 3 & 6
- ★ HDPE 12-90mm dia, Class 6 to 20
- ★ We do custom jobs to client's requirements
- ★ Made from recycled material ... environmentally-friendly
- ★ Dealers sought throughout Gauteng

*Leaky pipe?? Or offcuts??  
 We buy scrap polyethylene pipe  
 Best prices paid!!  
 Clean up your farm...  
 Recycle the waste!!*

**AgriPlast** (Pty) Ltd  
 LDPE and HDPE irrigation pipe manufacturers

Tel 016 455-3947  
 3 Joubert St Ext  
 Duncanville,  
 Vereeniging

**SPARTS**  
 MOTOR SPARES

Tel: 011 967 1295  
 011 967 2151  
 Cell: 072 041 7819  
 Fax: 011 963 0473  
 086 218 4686  
 Email: spartscs@mweb.co.za

261 & 262 Stanley Road, Pomona, Kempton Park, CNR of Stanley & High Road  
 Monday to Friday 07:30 to 17:00, Saturday 08:00 to 13:00, Certain Public Holidays 08:00 to 12:30

**IBR and Corrugated Roof Sheetting**

**Special on 0.5mm, Full Hard, Z275 Galvanised Steel R60/m excluding VAT**

**Sheetting available in Galvanised, Chromadek and Pro Lok in all profiles**

**Phone us for a quote today!**  
 \*Minimum orders apply

**IBCORR INDUSTRIAL**

**10 Bentonite Street, Alrode, Alberton**

**Marius**  
**082 487 9412**  
**marius@ibcorr.co.za**



# LIVESTOCK

## Care of teeth vital for good condition

Most smallholders have a variety of livestock on their plots and it is useful to know about the teeth of the different animals, so that one can watch out for potential dental problems which, if not treated, will often result in a loss of condition.

All good herdsman have an on-going interest in the teeth of their animals because they

know how important proper chewing is to the livestock's overall health and productivity.

Ruminants such as cattle, sheep and goats are herbivores, which means they eat plants, and they have stomachs with multiple chambers. We commonly say that they chew the cud, a process whereby they regurgitate food after swallow-

ing it to grind it down into finer matter. The Afrikaans name for such animals describes them perfectly: "herkouers" (=re-chewers). But what is interesting is that they do not have teeth in the upper jaw, having instead a "dental pad" and their bottom incisors (eight of them) bite against that. This helps them to gather large quantities of grass and other plant matter.

However, since they cannot bite grass off, they are inefficient at grazing more closely than 15 cm from the ground.

The temporary incisors of the very young animal are gradually replaced by permanent incisors in pairs, starting with the central pair, then working outwards. People are able to assess the age of an animal from its teeth.

Horses have six incisors on both the upper and lower jaws. The central pair of permanent incisors erupt at about 2½ years of age, the second pair erupt at 3½ years, the fourth pair at 4½ years. As with ruminants, the age of the young horse can be determined by the number of permanent incisors it has.

After five years of age, other features of the incisors can be used to help assess age. These features include the pattern of enamel and dentine on the biting surface, the presence of enamel spurs on the outer edges of the third upper incisors, and the angle of the incisors in the jaw. But it takes an expert to do this accurately.

Pigs are born with incisors and canines, and these teeth eventually grow molars and premolars. Pigs' canines

Continued on page 35



**Manufacturers of Water, Chemical, Transport, Septic Tanks and Silos**

**Cape Sales:**  
Tel: +27 (0)22 433 2342/2937  
Fax: +27 (0)22 433 4724  
E-mail: [rotocape@mweb.co.za](mailto:rotocape@mweb.co.za)

**Gauteng Sales:**  
Tel: +27 (0)12 376 1070/2  
Cell: +27 (0)71 689 4216  
Fax: +27 (0)86 297 2504  
E-mail: [roto@mweb.co.za](mailto:roto@mweb.co.za)  
PO Box 1210, Ifafi 0260

**KZN Sales:**  
Tel: +27 (0)39 685 7243  
Fax: +27 (0)39 685 0292  
E-mail: [kznsales@rototank.co.za](mailto:kznsales@rototank.co.za)

**www.rototank.co.za** **086 000 TANK (8265)**



Vertical tanks from 500€ to 40 000€

Horizontal tanks from 500€ to 8 000€

Modular plastic silos ranging from 8m³ to 24m³

Plastic septic tanks ranging from 600€ to 12 500€ (2-55 persons)

**Free delivery**

**Trade in your old tank for a NEW one!**

### WINNING FEATURES

- Delivery time 7 to 10 working days
- Light, easy to install ~ no cranes required
- Rust and dent resistant, maintenance free
- Resistant to most hazardous chemicals
- Choice of various colours
- Tank stands available: 1,5m, 3m, 4,5m, 6m, 9m & 12m
- Warranty



A piglet doesn't enjoy a visit to the dentist



From page 34

sharpen through the friction of other teeth and tend to be very sharp and dangerous. Pigs typically use their molars, which become irregularly formed over time, to crush their food before ingesting. Pigs are omnivores, which means they eat both plants and animals, and need their canines and molars to chew their food and eat.

When you are making a brief oral examination, it is helpful

to use a head-light, which leaves both your hands free. It is also good to have someone to hold the animal for you.

A thorough examination of the mouth of a large animal may involve the use of a tranquiliser or a tranquilising device.

Check for excessive incisor wear. With excessive wear, the incisors become short and may be worn down to the level of the gums. This happens when soil or sand on pasture gradually files away at the teeth until they are worn, so it is usually only a problem in older animals.

Livestock with very worn incisors can do well as long as they don't have to eat very short or stringy pasture. They can be fed long soft pasture or hay or silage or concentrate feed.

Periodontal disease affects the tissues that surround the neck and root of a tooth. In any animal, periodontal disease of

the incisors causes them to become long and loose and they may be missing. This is caused by infection around the teeth (periodontitis).

If an animal has only a few very loose incisors, it is probably best to remove them, either with your fingers or with pliers. The animal will then be 'gummy', but it can still stay in good body condition if it is offered long soft pasture or hay or silage or concentrate feed. Don't

attempt to remove any teeth that are not already very loose. Check for cheek teeth. Cheek teeth may become unevenly worn, so they don't grind feed

efficiently and can cause ulcers on the cheeks and tongue. The signs of this include dropping of feed from the mouth while chewing, bulging of the cheeks caused by wads of food becoming impacted between the teeth and cheek, and/or green staining around the mouth caused by drooling of saliva.

Overgrown edges on cheek teeth are common in elderly

Continued on page 37

**Rugare Bird Farm**  
Breeders of Exotic Waterfowl & Rare Chicken



**Easyhatch**  
Supplier of Fully Automatic Incubators

rugarebirdfarm.co.za easyhatch.co.za  
info@easyhatch.co.za  
079 893 6383, Vanderbijlpark  
GPS: S26° 41' 12.3" E27° 40' 26.2"



Condition of the gums is also important

## Dam Linings Damvoerings



TATA MA TARPS  
& LININGS

**072 279 3294**  
[www.tatamatarps.co.za](http://www.tatamatarps.co.za)

## AMANZI Borehole Testing

- Borehole Yield & Constant Discharge Testing
- Borehole Testing SANS 10299
- Water Quality Testing SANS 241
- Borehole Pump Installations

Member of the Borehole Water Association of South Africa



Kevin: 084 538 4600  
Email: kevin@rainsford.co.za

Quality Service  
Throughout Gauteng

## SEPTIC TANK PROBLEMS?

WE HAVE THE PERFECT SOLUTION



## NO MORE MONTHLY COSTS ON HONEY-SUCKERS

RECYCLE WATER SAFELY FOR IRRIGATION

LIFETIME GUARANTEE ON TANKS

3 x TANKS BUILT UNDERGROUND

2 x PIPE SYSTEMS

ALL MATERIALS USED ARE SABS APPROVED

NO MORE BAD SMELLS

INSTALLING SINCE 1980's

## Hydrogenic Digester Systems

For further information contact:

**Pedro 083 444 1025**

[pedro@atms.co.za](mailto:pedro@atms.co.za)

[www.atms.co.za](http://www.atms.co.za)



# FESTIVE SPECIALS

DECEMBER 2016

## Grey water Pump

**GWQD2-5-0.18**

0.18kw  
30l/min

Can Handle Organic Solids  
in a ratio of up to 30%

**R1499**

ex vat



## Power Washer

**RGPW3000 A**

7Hp Engine

3000Psi

5 Spray Nozzles

**R3999**

ex vat



## Pump SETS

0.75kw

95l/min

**0.75kW Booster Pump  
+ Controller**



+



Runs  
**4-6 taps**  
supply\*

\* (estimated @ 25l/min)

## Chainsaw

**PRO  
series**



**50cc CSTP**

ex vat

**R1999**

## GENERATOR - Petrol

6.5 kVa

AVR protected

Electric Start

Wheel kits avail.

**R4999**

ex vat



**RGG6150E 5.5kW**

\* Battery excluded

## Brushcutters

**PRO  
series**

**52cc BD**

Walbro Carb  
Grass Blade  
Nylon head  
Toolkit & Double  
Shoulder Harness



ex vat

**R2799**



ex vat

**R1899**

**DIY  
series**

**43cc CG**

Grass Blade  
Nylon head  
Toolkit &  
Harness

## 16L Sprayer

**SHS16L Y**

16L  
S/S lance  
Chemical safe

ex vat

**R349**



## Earth Auger

**EARG 5200**

**150mm Bit - R349**

each  
ex vat

**200mm Bit - R399**

each  
ex vat

**300mm Bit - R499**

each  
ex vat

ex vat

**R 2499**



## Chainsaw

**SGL5200**

**52cc**



**R1349**

ex vat

## Shredders

**Ss1002**

6.5Hp  
Up to 76mm Branches  
\*towbar not included

ex vat

**R9999**



Ts&Cs apply. Actual product may vary from pictures. E&EO permitted. All price EXCLUDE VAT. Valid for DEC 2016 While stock lasts.



**RED  
RHINO™  
PRODUCTS**

**CALL FOR YOUR  
NEAREST STOCKIST**

Tell 011 668 1923/4

Fax 011 668 1925

Sales@klbengineering.com

info@klbengineering.com

www.red-rhino.com

JHB North	010 591 0432
JHB East	011 824 0446
JHB South	011 893 0281
JHB West	011 660 5509
Pretoria CBD	012 323 2053
Pretoria East	012 804 5273
Pretoria North	081 790 1667
Vaal	016 455 2556
Brits	081 736 4096
Ermelo	017 819 2804



From page 35

ponies and horses. Treatment is by rasping the sharp edges and it takes a trained person such as a veterinarian or a horse dentist to do this effectively, although some farriers can also do it. To prevent problems, it is wise to have the cheek teeth of ponies and horses rasped regularly, perhaps once a year or so, by a veterinarian or a horse dentist.

Periodontal disease can affect cheek teeth as well as incisors. It is caused by infections of the gum and supporting structures around the cheek teeth roots. In

severe cases the bone becomes swollen and sore, then the animal is reluctant to chew its cud and it gets thin. If you suspect any problems like this, consult your veterinarian.

Another mouth problem is overshot and undershot jaws, because sometimes animals are born with a lower jaw that is too short (i.e. it meets the top pad well behind its front edge, called undershot or "parrot mouth"). Sometimes

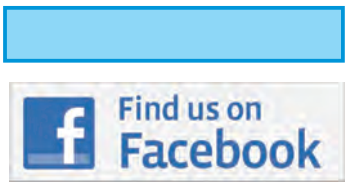
the lower jaw is too long (ie, it protrudes, called overshot). Depending on the severity of the abnormality, the animal may or may not be able to suckle or graze. If the problem is not too bad, affected calves and lambs can be fattened for slaughter if they are grazed on good quality long pasture.

Don't breed from animals with under- or overshot jaws, as these problems can be hereditary.



Tooth care in horses includes periodic rasping of uneven wear.

Your job is to check your animals' mouth, but don't try to be a dentist, as you will be in danger of losing fingers.



**Buyers of ALL Scrap Metal**

**TURN YOUR SCRAP INTO CASH**

Old cars, trucks, tractors, trailers, machinery etc

**We Cut, We Remove**

Throughout Gauteng

Simunye Scrap Metal & Recycling

Call Andre 079 547-4249

**HIGHVELD HONEY FARMS**

PROTECT OUR BEES

Visit our farm in Rynfield to get your honey at farm prices. Bring your own containers and we will fill them up - pay ONLY for the HONEY

Plot 185 Uys St, Rynfield AH, Benoni  
Tel 011 849-1990  
Weekdays 07:00-17:00  
Saturdays: 07:00-13:00

**Long-handled Hand Tools**

Ideal for the elderly gardener!! No bending!!

4 designs to choose from  
Sturdy 3mm stainless steel construction  
Long 1,2m wooden handles

Trade enquiries welcome

**NEW!!**

Spares for ALL models of Honda machines always available!  
Consumables for trimmers, etc.

**MULTI**

**UPGRADE TO A HONDA**

Honda Water Pumps, 2" & 3" models, & Honda Brushcutters

1 GRANT ST, NEW STATE AREAS, SPRINGS  
TEL: 011 817-3044/84  
082 444-8952  
FAX: 011 817-3063  
www.mfpafrica.com  
e-mail: mulpower@netactive.co.za

**FIRE & POWER**

**TOP POLES & THATCH**

We will assist you with all your Thatching & Building requirements

**Services:**  
Any Size Thatched Roof  
Repair & Maintenance  
Harvey Thatch  
Fire Protection of Thatch & Wood  
Lightning Conductors  
Skylights  
Decking  
Wooden Fencing  
Pergolas  
Paving  
Construction

**Products:**  
CCA Treated Gum Poles  
Laths  
Fibreglass Capping  
Cape Reed  
All Thatch Hardware & Accessories

Willie: 083 765 9475  
Jerry: 083 363 7450  
Office: 010 220 5043  
willie.topthatch@gmail.com  
www.toppoles.co.za

**ROOF SHEETING**

Buy direct from factory

**ADVANTAGES:**

- Shatterproof, Weather & Hail Resistant
- UV Protected
- Over 70% Light Transmission
- Product is 2,5mm thick
- Domestic & Industrial
- Easy to Install - DIY
- Choice of 4 Colours
- 7 Year Guarantee
- Cheaper than Fibreglass

**IDEAL FOR:**

- Patios
- Carports
- Zozo Huts
- Hot Houses
- Pool Houses
- Factory Skylights, etc

VALUED SMALLHOLDER MAGAZINE ADVERTISER 8 years

PLEASE CONTACT  
**PAUL 084 652 8310**  
info@4eversheeting.co.za  
www.4eversheeting.co.za

**4EVER SHEETING**  
POLYETHYLENE ROOF SHEETING



# BUSINESS

## Like kids? Start a petting farm

If you have a mixture of livestock on your small-holding, and are good with children, an avenue for earning some additional income that might be open to you is to start a petting farm as an educational facility, to provide the opportunity for town dwellers, particularly young people, to learn about the realities of farming animals and the need to take good

care of them. All children should be realistic about livestock farming. Many children from the towns and cities grow up knowing little about where their meat, wool, milk and eggs come from. Many aren't able to tell a sheep from a goat ~ so you would be serving a good purpose, along with making money out of what you

already have on your smallholding. Some individuals have ethical issues with zoos and petting farms, as they feel that this constitutes exploitation and abuse of animals. More of a focus on education, rather than the (mis)handling of the various animals, might nonetheless justify the activity. There are of course some

factors that you need to address to be able to establish a petting farm.

❑ Location. A rural petting park miles from an urban setting may be too far for visitors to travel and thus not generate the revenue necessary to justify the activity.

❑ Size. A petting farm generally requires the use of 4 ha or more for proper planning. The more animals you plan to have, the more room you will need.

❑ Livestock. Then you will have to decide what animals you will display. Petting farms should include a wide variety. Common choices include horses, ponies, sheep, goats, cows, donkeys, alpacas, giant tortoises, potbellied pigs, rabbits, guinea pigs, chickens, ducks and geese.

Larger animals will need to be separated from guests behind fences, and they will require close monitoring when interactions take place.

Some petting farms also feature free flight aviaries (where tropical birds interact with guests) and fish ponds with koi.

Animals should be purchased from reputable breeders or farms. It is important to give each animal time to adjust to its new surroundings, and to be sure that the animals selected for the farm are

Continued on page 39

"Serving the public since 1932"

**TURFMASTER**  
(PTY) LTD



EAST RAND HEAD OFFICE:

TEL 011 730 3400

No.1 Third Avenue,  
Vorsterkroon, Nigel

Website: [www.turfmaster.co.za](http://www.turfmaster.co.za)

Email: [info@turfmaster.co.za](mailto:info@turfmaster.co.za)

**TANAKA**

"The Power is in your Hands"

### Trimmers & Brush Cutters

- **26 cc Bent Shaft**  
0.85 kW/1.14 hp/7500 rpm
- **32.7 cc Straight Shaft**  
1.00 kW/1.33 hp/7500 rpm
- **51.7 cc Straight Shaft**  
1.50 kW/2.00 hp/6500 rpm
- **63.3 cc Straight Shaft**  
2.4 kW/2.95 hp/7500 rpm



### Pole Pruner, 25.4 cc

2.5 – 4 m Shaft Extension  
12" Guide Bar  
0.85 kW/7500 rpm



### Hedge Trimmer, 25.4 cc

0.75/1 hp/7500  
Bar Length: 600 mm  
Dual Sided Scissors

### Chainsaws

- **51.2 cc 2.4 kW/2800 rpm**  
Bar Length: 510 mm (20")
- **72.2 cc 3.9 kW**  
Bar Length: 610 mm (24")



### Floor Sweeper

- Operational Width: 80 cm
- 2 Side Rotary Brushes
- Container Capacity: 40 L



### Earth Augers

- **Double Handle 63.3 cc**  
2.2 kW/2.95 hp  
7500 rpm
- **Optional extras:**  
Drill Bits  
• 100 mm,  
• 150 mm,  
• 200 mm,  
• 250 mm



### Back-pack Blowers

- **51.7 cc 1.75 kW/2.4hp**
- **63.3 cc 2.6 kW/3.5 hp**
- **82.4 cc 4.2 kW/5.6 hp**



### 18" Push Mower

480 mm mower  
With steel chassis  
**121.5 cc**  
Tanaka 550  
2-Stroke  
Engine



### Electric Mower

480 mm Electric  
mower with  
steel chassis  
**2200 Watt**  
Electric  
Motor



### Shredder

**163 cc**  
Power Pro  
R183  
4-stroke  
Engine,  
3000 rpm

Suitable to chip:  
Maize, Wood,  
Leaves, etc



Also available: Hand held blowers, mist blowers, engines, water pumps, etc

### Branches:

**EAST RAND, NIGEL:** 011 730 3400  
**CENTURION:** 012 653 8342  
**NELSPRUIT:** 064 420 4482  
**DURBAN:** 031 701 8233  
**PORT ELIZABETH:** 041 581 8443  
**ROODEPOORT:** 076 921 5469  
**BELLVILLE:** 021 945 4106

TANAKA Products  
also available from:  
**OVER 500 DEALERS  
NATIONWIDE**  
CALL US FOR YOUR  
NEAREST DEALER!

Available  
from:

**ESSENTIAL**  
DIY • BUILDING • INDUSTRIAL  
HARDWARE

Selected Essential  
Hardware shops

Preferred  
suppliers for:

Available  
from:

**OBARO**

Selected Branches  
Nationwide



A pony ride at a petting farm may well be a child's first encounter with a horse.



From page 38

reasonably well mannered and tolerant of the attention they will be receiving. Most people who visit petting farm expect to interact with baby animals. Some petting farm operators buy baby animals that are bottle fed, raise them until their cute factor wanes, and then sell them as meat or pets, to be replaced by a batch of new babies. There are ethical issues with this practice. Also, displaying bottle babies works for some species but not others. For instance, the winsome bottle-fed llama or alpaca separated from its mother and fussed over by humans will almost certainly develop dangerous behaviour as it matures. There are two ways to

consider baby animals in a petting park: house your baby livestock and poultry with their mothers in well-fenced quarters where visitors can see them, but not physically interact with or feed them, or use only adult animals in your park.

☐ Treats. Also, be aware that children tend to come to the plot armed with bread, sweets and other unsuitable goodies to feed your animals. Someone needs to meet each group at the gate and explain why these items aren't allowed. Explain that farm animals' diets must be closely regulated and show them what the animals eat. Make it a fun, educational experience so that visitors don't mind leaving the "treats" at the gate.

At the same time, briefly explain animal behaviour and warn visitors about the risk of disease or injury. Point out the location of hand-washing facilities and explain that everyone who leaves your facility is expected to use them.

☐ Signage. Putting up signs

will be necessary. Visitors sometimes drift away from their groups or simply don't pay attention, so make sure the rules are clearly displayed. Affix signs to individual pens, explaining the species they house and the animals' names. A brochure containing that information is a nice touch, too. Your focus should be on education – entertainment is a bonus.

Put safety first. It's obviously important to pick quiet well-handled livestock for close contact with visitors, but even they can kick or bite unexpectedly if they get a sudden fright.

We should encourage our animals to come to us for patting and grooming rather than for food rewards. Biting is particularly likely if owners

Continued on page 41

**MacBee**  
Registered Beekeepers  
**Wanted:**  
Secure sites to place beehives - preferably located near Eucalyptus (Blue Gums) or lots of flowering plants/trees.  
**Contact Sharon**  
083 449-8980  
macbeehoney@gmail.com



City-dwelling children may find their first encounters with livestock and horses intimidating.

**MUSCLE WATER PUMPS**  
for all your borehole & water pumping needs  
**BOREHOLES** **BOREHOLE PUMPS**  
**YIELD TESTING** **WATER QUALITY TESTING**  
**PRESSURE PUMPS** **LEVEL CONTROLLERS**  
**TANKS** **TANK STANDS**  
**mpumpelec@gmail.com**  
Hannes Bezuidenhout  
**082 520 8421**

**DIY TANK STANDS**  
**3m Stand @ R 6800**  
**4.5m Stand @ R 8000**  
**6m Stand @ R 9400**  
**9m Stand @ R 12000**  
Suitable For 2500L & 5000L Tanks  
SABS Specifications  
diytankstands@gmail.com  
Installation Available  
**084 602 4018**  
Free Delivery in Gauteng!

**Justic Veevoere**  
**AGENT FOR:** **Epel** **PET** **Fibre-Beet**  
**ROSSGRO** **Speedi-Beet**  
**VOERE • FEEDS**  
*Quality that ensures Production & Profitability*  
**1<sup>st</sup> Grade Ross 308 Day Old Broiler Chicks**  
**available on order**  
**Broiler Feed available:**  
♦ **Epel Optigro range**  
♦ **Epel Econo Range**  
♦ **Rossgro Magnum Range**  
♦ **Rossgro Topflite Range**  
**Training Service:**  
**Practical On-Farm Training for Broiler Staff**  
**We offer expert nutritional advice.**  
**Christelle King**  
BSc (Agric) Animal Science  
**11 Rooth Street, Bronkhorstspuit**  
**013 932 1888**  
**christelle@justic.co.za**  
**Delivery to surrounding areas**



**www.waterplant.co.za**

We will be closing on the 24th December 2016 to the 3rd January 2017

**Festive Season Clearance Specials**



**Koi Filter Systems**

6000L **only 2 R5 999**

12 000L **only 2 R7 299**

36 000L **only 1 R11 999**

**Ecosub  
400  
Submersible  
Pond Pump**

**only 15 R1 799**



**Speck Pool Cartridge Combi  
Units (pump + filter + DB box)**

Ecowise 1 **only 1 R2 999**  
+- 40000L

Ecowise 2 **only 1 R3 999**  
+- 60000L



**MCP158 0.75kW Booster Pump  
+ Controller**

**only 5 R2 499**



**HQB 2500  
Pond Pump**

**only 30 R529**



**HQB Nozzle Kit**



**only 30 R129**

**50 Watt  
Solar Panel &  
Submersible  
Pump**

**R1 399**



**V180  
Drainage Pump**

**only 10 R1599**



**V750  
Drainage Pump  
300 litres/min**

**only 5 R2999**



**Valid for December 2016, while stocks last.**



From page 39

rely on titbits to entice the animals forward. This can lead to livestock, particularly ponies, snatching at the food and bullying each other to get at it, and that's not a good experience for the children.

❑ **Safety.** You and your employees must be willing to act assertively to protect your animals at all times. This means laying down rules as

visitors arrive and curtailing unruly children whose parents think their chasing and harassing animals is cute. Running a petting farm is not for the faint of heart. Children should be taught about the sharp biting end and the blunt kicking end of horses, ponies and donkeys, the sideways and backwards kicking of cattle, the head butting of all stock, and the

standing on feet.

It's all too easy for accidents to happen, particularly when the sudden movements and squeals of excitement from excited young visitors can make even the quietest farm pets edgy.

❑ **Insurance** Which brings us to the question of insurance cover. Running a petting farm on your premises means you must carry adequate business insurance, covering public liability and ensuring that your animals are also insured.

You need to check what the law states in terms of running such an enterprise. Before doing anything else, check into licenses and permits you might need to operate a petting farm. If you plan to feature exotic species, special permits are sure to apply.

The care of animals in South Africa is regulated by two Acts – namely the Animals Protection Act, 1962 (Act 71

of 1962) and the Performing Animals Protection Amendment Bill, 2015. The municipal bylaws also govern the conditions under which farm animals may be kept. A petting farm should be safely enclosed with a network of fences and gates to prevent animal escapes and to protect the animals from the visitors. Areas that are off limits to the public

Continued on page 43



Mother's Wisdom: "It's all fun and games till somebody loses an eye..."

## Vico Steel Projects cc

We Do:

- STEEL STRUCTURES
- SHADEPORTS / CARPORTS



079 956 1555  
010 235 0012

vsp@polka.co.za

www.vicosteelprojects.co.za

**COMMERCIAL & INDUSTRIAL**



**HERONBRIDGE**  
Animal Feed & Agri Supply

Lucerne, Teff, Eragrostis and Pine Shavings  
Pharmaceuticals • Fertilizers • Fresh Produce

### Festive Gourmet Treats



Homemade Strawberry Jam  
Ruby Grapefruit & Whisky Marmalade  
Landjager & Chourico Sausage  
Delicious Rusks, Biscuits & Preserves  
Game Wors for Braaing - R65/kg  
... and MUCH more in our FARMHOUSE store  
Prices include VAT



Valdor Centre, Beyers Naude Drive, Muldersdrift  
heronbridgeproduce@gmail.com

011 957 5964  
074 421 4802

**Animal Feeds - Farmhouse Delights**

"Serving the public since 1932"

**TURFMASTER** (PTY) LTD

TEL 011 730 3400

No.1 Third Avenue, Vorsterkroon, Nigel

Website: [www.turfmaster.co.za](http://www.turfmaster.co.za)

Email: [info@turfmaster.co.za](mailto:info@turfmaster.co.za)

Valid to end Jan'17 or while stock lasts.

### BRANCHES:

Centurion: 012 653 8342

Durban: 031 701 8233

Nelspruit: 064 420 4482

P.E.: 041 581 8443

Roodepoort: 076 921 5469

Bellville: 021 945 4106

**Turfmaster now a FALCON Agent.**  
**Buy your original Falcon Parts from us.**



### REPLACEMENT PARTS FOR MOST MAJOR BRANDS:

Stihl, Honda, Briggs & Stratton, Husqvarna, Robin, Murray, etc

### PTO'S



1 m/1,2 m Slasher P.T.O	R735
1,2 m /1,5 m Slasher P.T.O	R1,127
1,2 m /1,5 m Slasher P.T.O with slip clutch	R2,700
1,8 m Slasher P.T.O without slip clutch	R1,667
1,8 m Slasher P.T.O with slip clutch	R2,535

### GEARBOXES



1030	R1,450
1050	R2,500
1050 High Speed	R2,500

### CALL US FOR ALL YOUR REPLACEMENT PARTS:

\*Air Filters \*Bearings \*Cables \*Fuel Filters \*Blades \*V-Belts  
\*Nylon Heads \*Carb. Kits \*Carburettors \*Conrods \*Mufflers  
\*Fuel Tanks \*Gaskets \*Ignitions \*Pistons \*Pulleys \*Recoil Starters  
\*Oil Filters \*Oil Seals \*Starter Rope \*Spark Plugs \*Switches, etc.....





# The book that every smallholder needs

Contents include:

- Infrastructure (fencing, septic tanks, irrigation etc)
- Keeping Livestock
- Crop Production
- Pasture Management
- Farm & Garden Machinery
- Legislation applicable to smallholders
- ... and much more, in 34 information-packed chapters!



**LIMITED STOCK LEFT ~  
Order your copy TODAY...**

**Only R180-00 VAT and delivery included**

(Complete & email to [bowford@gmail.com](mailto:bowford@gmail.com) or fax to 086 602 3882

Please send me ..... copies of the Smallholder's Companion 2014.

Payment can be made by postal order or EFT. (We will supply our bank details on request)

Name: .....

Postal Address: .....

Tel/Cel number: .....

**Phone 011 979-5088 or email [bowford@gmail.com](mailto:bowford@gmail.com) for EFT & delivery details.  
A receipted Tax Invoice will be issued to you as acknowledgment of your order & you will be notified of your Post Office tracking number or other delivery details.**

**34 chapters,  
fully-illustrated,  
208 pages**



From page 41

should be clearly marked. Rules for visitor conduct and safety should also be clearly posted on signs near each animal enclosure.

There are some diseases that can spread from farm animals to humans, and children are particularly at risk. The animals most likely to spread disease are those that show signs of ill-health, for example, animals with:

- ☐ Diarrhoea (salmonellosis, colibacillosis etc)
  - ☐ Signs of recent abortion (yersiniosis, salmonellosis etc)
  - ☐ Sores round their mouth (scabby mouth)
  - ☐ Hairless crusty skin lesions (ringworm, mange)
  - ☐ Blood-stained urine (leptospirosis)
- Take particular care with hand-reared animals that have diarrhoea.
- ☐ Infrastructure. Then you

## Your livestock should always be healthy, but be particularly vigilant for outbreaks of animal diseases that can be spread to humans

must consider your infrastructure. The facilities for the animals should include both display areas (where animals can interact with visitors) and areas that are restricted from public access. It is also important to have areas where you can quarantine any sick animals or those about to give birth.

Adequate shade is another important feature for both the animals and the patrons of the farm.

The facilities for visitors should include an entrance area, toilet facility, safe paths for walking between exhibits, paved or gravel parking areas and seating areas.

Golf carts, trucks, trailers, and farm equipment will be

necessary to move animals and supplies. Larger parks often offer trailer rides around the park, towed by a tractor. You are not likely to be able to run this on your own. Will any of your family members be willing to help and are they knowledgeable enough? Depending on the scale of your operation, you may need to hire additional full or part time staff to clean up after the animals, give food and water, sell tickets, operate a gift shop if you choose to have one, perform general park maintenance and supervise guests as they interact with the animals. You will need to have a good relationship with your veterinarian – but that should

be a given for anyone who keeps animals anyway.

- ☐ Marketing. You will need to get your message out there. It is important to market a petting farm to the target audience: children and their parents.

Continued on page 44

**NEW!!**

**Meat Saw & Sausage Maker**

**R4 795** excl VAT

ex Honeydew  
Package weighs 55kg  
& fits into the boot of your car  
OR delivery can be arranged at extra cost

**071 449 2057**

## Secure Self Storage **CONTAINER** units

**6m and 12m  
Containers  
available**

6m container ~ R480pm

12m container ~ R850pm

\*plus R150 once-off refundable deposit

Bring your own padlock

**Cheapest  
on the East Rand!!**

**Maryna 082 744 4191**

**Hugo 082 561 0443**

e-mail [u-go@vodamail.co.za](mailto:u-go@vodamail.co.za)

[www.4ustorage.net](http://www.4ustorage.net)

Physical address: 52 Ystervark Street, Petit.



Fisher  
Operator Training

We Provide  
**Accredited Training  
& Certificates**  
On The Following:



(Registered with CETA & TETA)

TLB  
Roller  
Bobcat  
Bulldozer  
Excavator  
Front End Loader  
Grader  
Mobile Crane  
Dump Truck  
Forklift  
Plant Hire also available



**Ryno: 082 307 6541**

**Hugo: 082 561 0443**

email: [ryno@fishertraining.co.za](mailto:ryno@fishertraining.co.za)

[www.fishertraining.co.za](http://www.fishertraining.co.za)

52 Ystervark St, Petit, Gauteng



# MAINTENANCE

## Necessary tasks for long tractor life

**G**ood rains ... ploughing and planting season ... and soon you'll be cutting and baling fodder. Your tractor is going through, arguably, its busiest period of usage of the year. If your tractor is new ~ or newish ~ you will probably have a service manual, and even a service agreement with the dealership from which you bought it, so you can rest assured that vital replaceables such as oil and filters is taken care of.

For those of us who have old machines, however, the chances of them having been sold with a service manual is remote, and so maintenance tends to become the last thing on our minds during this busy time of year.

Maintenance is, of course, vital for long machine life and after a dry, dusty winter

during which you may have used your tractor for cutting, raking and baling in dry and dusty conditions, or for other tasks in dusty conditions, probably the most important maintenance task of all is to

replace your tractor's air filter element, or clean and re-oil the filter if it isn't a replaceable- element type.

In fact, so important is regular air filter maintenance that many machinery manufactur-

ers have special maintenance schedules for machines they sell into Africa, which have very much-shortened intervals for air filter maintenance than similar machines sold into, for example, European markets.

Continued on page 45

## PETTING FARM

From page 43

Take brochures to schools, day care centres, scouting, church groups and other such groups who may also be interested in taking their members on field trips to your location.

The best places to spend your advertising budget will be local newspapers and magazines. Online ads are also a great way to get the word out about your business. Another way to advertise is to create a website, or at least a Facebook page with all the

relevant details about the petting farm including hours, cost and any additional activities that might be available (such as birthday parties on site or bringing animals to a client's party location). A newsletter or printable coupons should also generate interest, as will an Instagram account.

You should also consider donating tickets to charities or offering a discounted rate to large school groups to generate patron traffic.

A petting farm is a way for

you to educate the town-dwelling public about the joys and benefits of raising farm animals, but if you're not setting an example of proper animal husbandry, you're furthering a culture that supports the mistreatment of animals. Operating a well-run petting farm is a rewarding way to earn extra farm income while bringing joy to children and adults who love animals and don't have the opportunity to interact with them often.

# TRANSLUCENT

## POLYCARBONATE SHEETING

### Flat, Profiled & Multi-wall

### Polycarbonate Roof Sheeting

**At Affordable Prices**  
**SAVE ON ELECTRICITY**  
*due to natural lighting*



**Now also available: Mythos Greenhouses**  
248 x 185 x 216cm



**DIY Skytiles** **Translucent**  
**Lightweight**  
**UV Protected**

We also supply:  
Turbine ventilators  
Roof fasteners  
Butyl sealants  
DIY Skytiles



**MASBIZ TRADING CC**

**Tel: 011 894 2873 / 079 882 2515**  
**carolann@masbiz.co.za**  
**192 Dr Vosloo Road, Bartlett, Boksburg**  
**www.masbiz.co.za**



**WaterMan**  
Drilling & Pumps

- Borehole Yield Testing SANS 10299 BWA app
- Water quality testing SANS 241
- Rehabilitation of Existing Boreholes
- Borehole pump sales & installation
- Exploration & Monitoring drilling
- Reverse Circulation Drilling (RC)
- Symmetric Drilling
- Large Diameter Drilling
- Water borehole drilling



**info@watermandrill.co.za**  
**www.waterman-drilling.co.za**  
**BRONKHORSTSPRUIT**

**Tel: 013 932 1740**  
**Cel: 079 526 7196**  
**Fax: 013 932 2352**



## AMBERLINK HENS

★ **6 week old Pullets**  
(All vaccinations done to 6 weeks, including MS Vaxsafe)

★ **17 week old Point of Lay Hens**  
(All vaccinations done)

**AVAILABLE MONTHLY** **FARM FRESH EGGS cc**

**016 371-2154**  
**082 903-6595**





# MAINTENANCE

From page 44

At the same time as cleaning your air filter it makes sense to perform an engine oil change, particularly on a diesel tractor.

Like that in a diesel car or bakkie, your tractor's engine oil develops into a dark, black sludge over time as it picks up sulphur and other deposits during the combustion process. As it does so it loses its lubricating qualities and if left in too long will allow excessive engine wear. Think about it: the engine oil in most diesel bakkies is changed at relatively short intervals of often no more than 5 000 km. While one doesn't measure tractor usage in terms of kilometres travelled, is there therefore any good reason why you should not change your engine oil at least once, or even twice, a season? If your tractor has a replace-

able oil filter it makes no sense to replace the oil without changing the filter. And, while you're about it, if your tractor has a replaceable fuel filter, now's a good time to do that, too.

The saying "oil and water don't mix" is not strictly true, as oil (like petrol) is mildly hydroscopic, in other words it absorbs water over time. If your tractor has been standing a long time you probably won't notice this when you check your gearbox or hydraulic oil levels, so it is advisable to start the tractor and work it for a little while before checking the condition of your oil.

If it is the colour of horse urine, ie clear yellow or light brown, it is still usable. However, if, after having worked the tractor to mix up the oil thoroughly it appears a little cloudy or milky, replace it immediately as it has

absorbed moisture and will cause damage to your machine.

Up front, of course, a check of the condition of your radiator fluid is also important. If it is muddy brown with rust, drain the radiator, flush the cooling system and replace the coolant with water and a good dose of anti-freeze. With the liquids in your tractor checked and the filters replaced, the final check before you head off to work is of you tyre pressures. This is most important because the

entire torque (power) of the engine is transferred to the ground through the side walls of the driving tyres (both front and back if yours is a 4 x 4 and solely through the rear tyres if a two-wheel-drive affair.

With inadequate inflation the rotary force thus exerted causes the tyre walls to flex and fold which will in time cause them to fail, either through cracking of the rubber of the wall or through tearing of the canvas lining inside.

# QUIRKY



## Teramo Trading cc

- No Algae
- No Rust
- Non Toxic
- Cleaner Water For Healthier Living
- Multi Purpose Tanks in Stainless Steel

Available Sizes	Dimensions	Dimension With Stand
300 Litre	800 x 780	1000 x 780
600 Litre	1450 x 780	1650 x 780
1200 Litre	1500 x 1030	1750 x 1030
1800 Litre	1500 x 1220	1750 x 1220

For More Information Please Contact

M. Teladia 082 899 3786

J. Wang 076 933 3398

Landline 011 914 4223

eMail - teramo@telkomsa.net



TERAMO WATER TANKS



PROUDLY SOUTH AFRICAN

## TRACTOR MECH

Restoration of New & Old Tractors

Vaaljapie Specialist

For all:

- Sales
- Spares
- Rebuilds
- Service & Repairs

of your:

- Tractors
- Slashers
- Implements
- Stationary Motors

Vaaljapie SPARES in stock

JOHAN 072 576 2392

MARTINA 072 861 6980

403 Bakenkloof Street Pretoria North 0182

## ZUIDERLAND BOOMKWEKERY INDIGENOUS TREE NURSERY



40+ VARIETIES AVAILABLE • DELIVERY CAN BE ARRANGED  
1,5 METER TALL • ALOES ALSO IN STOCK

SPECIAL OFFER SELECT 25 FOR R1000-00

99 DALE ROAD  
GLEN AUSTIN  
MIDRAND

CELL: 082 801 9555

FAX: 086 687 0222

EMAIL: MBRAK@ZUIDERLAND.CO.ZA

## TEFF & ERAGROSTIS BALES

New Season - Green - Fresh  
A-GRADE AVAILABLE

WELL FERTILISED  
& WEED FREE

10 bales minimum

We Deliver  
(bulk deliveries only)

FERDI 082 253 6115  
JACQUES 060 621 4876



# Quality Agricultural Equipment & Spares

**-POWA- MOWER**



**Slasher  
Gearboxes**

**Blades, Skids  
& Bolts**



Ariens 18,7kW  
Lawn Tractor

**ALSO: Great  
Christmas gifts!!**

**MAJOR**  
WWW.MAJOR-EQUIPMENT.COM



Major Swift 1,9m & 2,4m  
Roller Mowers



**RTS 13000LB  
4x4 Winch Kit  
R7 000 incl VAT**

**PTOs, Components  
& Spares**



Gravely Proturn 60  
Zeroturn Mower



Landini Solis 20,  
13kW 4-WD Tractor

**SPECIAL OFFER:**  
Buy a Landini Solis 50 tractor  
& we will add a PTO-driven  
**-POWA- SPRAYER** free



Kioti CS2610 20kW  
4-WD Tractor



**-POWA- SPRAYER**

**Landini KIOTI McCORMICK**

**Also stocking these fine brands**



**MONOSEN**

**Supaturf**

**WORKSHOP  
NOW OPEN**  
We REPAIR:  
Tractors  
Implements Mowers  
Chainsaws Brushcutters  
etc, etc

**1 West Street  
Boksburg East  
Tel: 011 914-1922  
Fax: 011 914-1923**



**Pieter Visagie (snr)**  
**082 616-8060**  
pieter@reapersagri.co.za  
**Pieter Visagie (jnr)**  
**076 423-9860**  
sales@reapersagri.co.za



Landini Solis 50, 35kW 2-WD  
Tractor





# GAUTENG SMALLHOLDER CLASSIFIED ADVERTISEMENTS

**ABSOLUTELY FREE TO  
PRIVATE INDIVIDUALS.  
CONDITIONS:**

1. Animals (including horses), birds, poultry, fodder, bedding, etc must be paid for as SuperSmalls (see p 52).
2. Wanted ads, services of any kind are also SuperSmalls.
4. No Commercial ads accepted as classifieds (see display ad tariff - p 1).
5. Placement maximum of 3 months

## SUPERSMALLS

Entries in this yellow-shaded section cost R120 VAT included for 25 words, plus R1/word thereafter.

### WANTED

Wanted: Secure sites to place beehives – preferably located near Eucalyptus (Blue Gums) or similar good forage. Contact Sharon 083 449-8980 Registered Beekeepers

Gesoek: Veilige plekke om byekorwe te plaas - verkieslik naby Eucalyptus (bloekombome) of soortgelyke goeie voer. Kontak Sharon 083 449-8980 Geregistreerde Byeboere

### FOR SALE

### BIRDS & POULTRY

Peacocks. Call after hours 082 409-8173 Benoni

Muscovy Ducks for sale. Day olds to

### "DEXFORD" BULLS FOR SALE



**Introductory Offer.**  
Specially Bred Dexter/Hereford Cattle (1metre high).

**R8900.00 each**

Suitable for Smallholdings or Breeding Your Own Herd.

Charles 082 7239 508

adults, large stock normally available provides wide choice. Also selected breeding groups. Call Geoff 082 515-0784 or 011 953-6882 Krugersdorp.

Three months mixed breed point of lays: Black Australorp x Potch Koekoek x Rhode Island Red. Vaccinated against all infectious diseases. Collected in Nigel area, Sonnestraal Road, Duduza Township. R200 each neg. Joseph 079 696-6034

### LIVESTOCK

Potbelly pigs x 17. Tel Kobus 083 773-2954

### PRODUCE, PLANTS & FODDER

Shavings – 25kg large bags. Meranti – R15/bag, White Pine – R22/bag. Delivery can be arranged for loads of 100-200 bags. Contact Thea or Samantha 011 957-2588

Fruit and nut trees. Olive, peach, nectarine, plum, almond, apricot, walnut, prune, pomegranate, pecan nut, apple, cherry, pear, fig, quince, mulberry, lemon and grape vines. Contact Douw 084 506-5125



**FREE RANGE  
NESTING  
BOXES**

12 or 24 holes  
Solid treated timber  
For up to 100 layers  
1m or 2m long

From R1 000 collected in Nigel area  
Call 079 696-0341  
mzeejoe.nkutha@gmail.com

Vereeniging.

Indigenous trees. 40 varieties available. Aloes also in stock. Contact 082 801-9555.

### MISCELLANEOUS

Stop thieves: Outdoor wireless alarms for houses, cottages, outbuildings. 4 outdoor wireless sensors, Main control panel, 2 remote controls, siren, battery, etc. R2 800 installed in JHB or DIY. Also cut fence alarm, www.stopthieves.co.za or contact Colin 079 180-2853.

Stainless steel farm donkey. 210 litre, fire-heated. Constant hot water. From R3 730 incl VAT. Contact 011 762-1212, 082 456-0973 or stainlessspecial@absamail.co.za.

### FOR SALE

Entries in this section are **FREE OF CHARGE**, but are for used items, private property sales/rentals and employment offered/wanted only.

### FARMING REQUISITES

Pleysier broemasjien. Semi-automatiese roller masjien of hatcher (ekstra rakke beskikbaar). 350-400 eier kapasiteit. Onlangs deur vervaardiger gediens. Puik toestand. Christian Hartbeespoort 073 230-6474

### MISCELLANEOUS

Parquet flooring. Rhodesian teak parquet blocks to cover approx 6m<sup>2</sup>, uncleaned.



**Real Honey**  
Direct & Fresh from the Beekeeper!  
Pure South African  
Best in the Land!  
**Special: 2.8kg tub R250**  
Hives available to pollinate your crop  
Alberton  
Tony 082 744 2424

R500. Bredell 072 587-9137

Security light fittings. Large commercial lights, old metal halide type etc, 8 in total. R500 the lot. Pete 072 587-9137

We have a "boere saal" dating early 1900 in very good condition. Everything is original. Collector's item. Phone Willem 0832687767

Table circular saw Ryobi R500, water pump 25mm Robin R1 500, petrol lawn mower R500, indoor braai R2 000, desks x 2 plus book shelf R200, walker exercise machine R600, exercise stepper R200. Phyllis Gillbee 072 124-9641

### PROPERTY FOR SALE/TO LET

Knsyna/George: 10ha sea, lake, mountain views. Open plan 4 bed 3 bath home. Shed, staff accom. Fully fenced. Fresh water storage, 2 dams, irrigation, young olive orchard. Telkom, Ekom, farm rates, R4,95m. Info call evenings 044 850-1340

Lanseria: 2 bedroom cottage on farm R3 300 plus deposit and electricity, phone 072 735 7449

Game farm: 21ha 30mins north east from Pretoria and 19km north west from Cullinan. Game includes blesbuck and duiker. Nestled between with beautiful views. 3 bedroom, 3 bathroom, open plan thatch roof house. Outbuildings include a

### Dikgogo Fela Chicken Abattoir



**We slaughter  
for the  
Smallholder**

**LIVE & SLAUGHTERED  
Chicken Products for sale.  
Open to the PUBLIC!**

**Randfontein**  
S 26°12.310' E 027°36.156'  
**083 401 3002**

**It's  
Sheep Shearing  
Season!**  
**SHEEP SHEARING SERVICE  
SKAAP SKEER DIENS**  
**Pieter  
082 878 5623  
Hilton  
082 602 4462**

**Bekostigbare implemente geskik vir die klein boer**

<b>SKRAPER</b> Lem is VERSTELBAAR R2 000 • 1.5m wyd • Geskik vir klein trekkers	<b>BOSSIEKAPPER</b> Kante is VERSTELBAAR R6 000 • 1.2m wyd • Sonder PTO • 1.5m ook beskikbaar	<b>STERKARM</b> Pas op driepunt (Cat 1) R2 000 Slasher uitgesluit • 2.5m lank • Tel swaar items op
---	--	---

**Pryse sluit BTW in  
Aflewering in Gauteng kan gereel word** **072 153 8776**

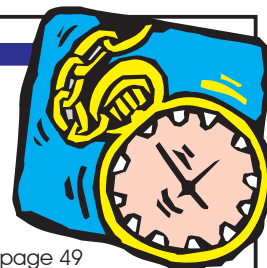


# DIARY

ATTENTION CRAFT MARKETS, CLUBS ETC: If you would like details of your events included in the Diary, please fax or email your information to the Editor. For non-commercial enterprises this service is FREE.

NOTE: FARMERS' & CRAFT MARKETS. For a listing of REGULARLY HELD markets and fairs please see the separate section on page 51. Only markets that are held infrequently are now listed in this calendar section.

Every Sunday  
Cattle drive with City Slickers breakfast,  
Diamond X Cowboy Ranch, near Cullinan.  
Call Rudan on 082 410-3180  
horses@diamondx.co.za,  
www.diamondx.co.za., R500 per person.



Continued on page 49

## Free Classified Ads

big storeroom, laundry, outside toilet, etc. Good water and Eskom electricity. Full title and totally fenced, established gardens, with irrigation and a few fruit trees. Nearby bush lapa with full facilities and swimming pool. An operational eco-friendly campsite which generates extra income as well as a small plant nursery, well stocked with plants. 24 hour access control to the area. Good schools and shops within easy reach. Phone 072 397-5055 or email: bushbaby7777@gmail.com. Price

reduced to R3,3 million. Open to offers.

### TOOLS

Centre lathe, Lang 20 x 90 inches, spindle 75mm, fixed and moving steadies. 3-jaw and 4-jaw chucks, rotary centres, 15HP motor. 24 speeds 13,3 to 200 rpm. Can cut any thread. Approx weight 5 ton. Good working order, R35 000. Contact Willie 071 269-0332

### TRACTORS & IMPLEMENTS

Mielie kop stroper nie Pto model 13hp petrol aangedrewe met auger gekoppel vir die opvoer en vul van gestroopte mielies R27000 ona Pretoria Tel: 072 617-8209

### MOTOR VEHICLES

Honda NXR125 motorcycle licensed in good condition. Stainless manual 3-frame honey spinner used twice. Stihl bush cutter, leaks fuel. What offers? Contact Tertius, Fairleads Benoni. Tel: 0824176304.

### Fruit Trees

Olive, peach, nectarine, plum, almond, apricot, walnut, prune, pomegranate, pecan nut, apple, cherry pear, fig, quince, mulberry, lemon and grape vines.

### Shade Trees Vrugtebome

Olyf, perske, kaal perskes, pruim, amandel, appelkoos, okkerneut, pruimedant, granaat, druive, pekanneut, appel, kersie, peer, vy, kweper, moerbe en suurlemoen.

**Skadubome**  
Vereeniging  
Douw 084 506 5125

**Alpacas For Sale**  
**Magicalpaca's Farm**  
in Kempton Park offers:  
A selection of  
pedigreed Alpacas  
at competitive prices

Coverings available from  
stud quality herd sires  
Call Lee Ermen  
082 455-4288  
bounty@iafrica.com

### Clovelly

- Day-old Layers
- Day-old Broilers
- Day-old White Rock GPS
- 2 Week-old
- 4 Week-old

- We buy eggs -  
**Delmas**  
083 393 0935

### WIRE WORX

Suppliers of:  
• BARBED WIRE • STANDARDS & DROPPERS  
• NETTING WIRE • 8 GRADE WELDED MESH  
• WELDED MESH • GATES, POSTS & STAYS  
• GALVANISED WIRE • DIAMOND MESH WIRE

Welded Mesh 1.8 x 100 x 50 x 30m = R795  
We only sell quality products!  
**Kerry: 084 840 0409**  
kerry.wire@hotmail.com

Having difficulty  
finding a copy of

## GAUTENG SMALLHOLDER MAGAZINE

**SUBSCRIBE**  
and we will send  
it monthly by post

at your local store?

Please post me the Gauteng Smallholder for the next 12 additions. My cheque/ postal order for **R210-00** made payable to **BOWFORD PUBLICATIONS**, is enclosed.

NAME: \_\_\_\_\_

Tel: \_\_\_\_\_ e-mail: \_\_\_\_\_

Postal Address: \_\_\_\_\_

code \_\_\_\_\_

Please make cheques or postal orders payable to **BOWFORD PUBLICATIONS (PTY) LTD** (not the Smallholder). Post coupon & payment to: Subscriptions, Box 14648, Bredell 1623 or phone 011 979 5088 for our banking details if you prefer to do an eft instead

**R210**  
per year!  
for 12 editions



# DIARY

Mnandi Methodist Church, 09:00, Mnandi Centre, cnr Tulp and Short Streets, Jen 012 651-5509. Gail 072 477-0708., A small community who worship together. We have a Youth and Children's church.

Premier Mine Presbyterian Church, Lower Oak Ave, Cullinan. Garden of Remembrance (Columbarium), 079 060-9990 or 012 734-1640, Worship and Sunday school. Holy Communion for all on the 1st Sunday of every month.

Every Monday  
Alcoholics Anonymous. 'Courage to Change' Group meeting, 19:30, Benoni Agricultural Holdings, Marcus 082 042-7730. Warren 082 335-0049. Glen 072 239-3024., If you want to drink – that's your problem! If you want to stop – that's our problem! No fees; no dues; just concerned fellowship.

## 2016

### December

1: Garden World's Carols by Candlelight concert. For more information call 011 957-2545  
2 & 3: Workshop Making Herb Wines and Liqueurs. From 09:00 to 13:00. Refreshments, notes and some ingredients are included. Prepaid booking essential. R300,00 per event. Venue and list of

ingredients will be given with booking.  
Patsy Vergeer, Patsy's Potions, The Herb and Indigenous Plant Guild. Telephone office hours 011 393-3427 or 076 265-4948. patsyspotions@vergeer.co.za.  
3: The Linden Market & Champagne Lane, Street Festival and a fantastic selection of South Africa's top makers, designers and artisans. 4th Ave between 6th and 7th Streets, Linden. Contact [thelindenmarket@gmail.com](mailto:thelindenmarket@gmail.com)  
3: Christmas Market at the Bokkie Park, Southvale Rd, Parkdene, Boksburg.  
4: African Snakebite Institute Annual Braai, including a number of talks on snakes, scorpions and spiders. Booking essential. Contact Ashley [admin@aficansnakebiteinstitute.com](mailto:admin@aficansnakebiteinstitute.com) for a voucher.  
7: First Quarter  
10: Christmas Market at the Bunnt Park, Pretoria Rd, Rynfield, Benoni  
14: Full Moon  
21: Last Quarter  
21: Solstice  
25: Christmas Day  
26: Day of Goodwill (Boxing Day)  
29: New Moon

## 2017

### January

1: New Year's Day  
2: New Year's spillover holiday  
12: Full moon  
28: New moon

### February

11: Full moon  
26: New moon

### March

12: Full moon  
20: Equinox  
21: Human Rights Day

**SKEER VAN SKAPE**  
Vaaldriehoek area  
083 287 7460 ~ 083 509 9333

**Herstel van Ligte & Swaar motorvoertuie**  
Vanderbijlpark ~ Roodia plotte  
Pieter  
076 727 6385 of 072 613 4245

28: New moon

### April

8-9: 55th Walkerville Agricultural Show, Walkerville Showgrounds. Old Vereeniging Road, Walkerville. 08h00 till late  
11: Full moon  
14: Good Friday  
15: Easter Saturday  
16: Easter Sunday  
17: Family Day  
26: New moon  
27: Freedom Day

### May

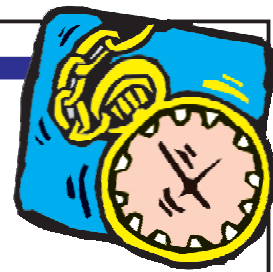
1: Workers' Day  
10: Full moon  
16-19: Nampo Harvest Day Agricultural Show, Nampo Park, R30 between Klerksdorp and Bothaville.  
25: New moon

### June

9: Full moon  
16: Youth Day  
21: Solstice  
24: New moon

### July

9: Full moon  
23: New moon



### August

3: National Women's Day  
7: Full moon  
21: New moon

### September

6: Full moon  
20: New moon  
22: Equinox  
24: Heritage Day  
25: Heritage Day spillover holiday

### October

5: Full moon  
19: New moon

### November

4: Full moon  
18: New moon

### December

3: Full moon  
16: Day of Reconciliation  
18: New moon  
21: Solstice

**Buyers of ALL Scrap Metal**  
**TURN YOUR SCRAP INTO CASH**  
  
**Old cars, trucks, tractors, trailers, machinery etc**  
**We Cut, We Remove**  
**Throughout Gauteng**  
**Simunye Scrap Metal & Recycling**  
**Call Andre 079 547-4249**

## LIVESTOCK SALES

**Auctions: Bronkhorstspuit - Every Tuesday**  
**Gys Taute 083 253 6906**  
**Delmas - 2nd & 4th Thursday**  
**Johan Taute 073 204 7646**  
**Belfast: Wednesdays - Ermelo: Thursdays - Standerton: Fridays**

**Vleissentraal Ermelo**  
**017 819 1106**  
[www.vleissentraal.co.za](http://www.vleissentraal.co.za)



**BUILDING A HOUSE?**  
don't look anywhere else!

**BRICKS \* SAND \* STONE**  
**CEMENT \* HARDWARE**

**B-HOUSE**  
**BUILDING SUPPLIES**

C/o Garsfontein Rd & Blesbok St, Mooikloof Pretoria East  
Tel: 012 480 0088  
Cell: 082 558 9722

[www.b-house.co.za](http://www.b-house.co.za)  
Email: [sales@b-house.co.za](mailto:sales@b-house.co.za)

**Open: Mon - Fri: 07:00 - 17:00**  
**Saturday: 07:00 - 13:00**

  
**HOUSE**  
**BUILDING SUPPLIES**  
Mini & maxi loads of Building Materials



Times are a' changing  
.... and so are we

**Announcing:**

GAUTENG  
**SMALLHOLDER**

**Magazine**

**Online**

- \* Read the magazine ONLINE as published
- \* DOWNLOAD your own copy to read at your leisure.

**PLUS:**

- Classified ads published BEFORE the printed magazine appears
- Events listed BEFORE the printed magazine appears
- Ask questions - get answers
- Wider coverage for ALL SA smallholders
- Useful links and source information on a variety of topics
- No sign-in or membership required



**Constantly changing,  
always up to date**

**Great online advertising  
opportunities to an already  
established readership**

**simply go to**

**www.sasmallholder.co.za**

**and click on the cover picture to access the latest edition**

**For queries**

**011 979-5088**

**graphics@gautengsmallholder.com**






# Regular Gauteng Farmers' Food Markets

NOTE: This is a listing ONLY of markets held to a regular weekly or monthly schedule. Markets held less frequently are listed in the DIARY section of the magazine and we urge readers to check each month for dates and events of interest. We would like this list of food markets to be as comprehensive as possible. If you know of farmers' food markets that are not listed here, please email us the contact details of the organisers, and details of the market. Only FOOD markets are included. Similarly, if you know of markets in this list that have CLOSED please inform us so that we can delete incorrect or outdated information. We invite you to tell us of your experiences when visiting these markets so that we can better inform our readers. Were they as advertised? Was the produce on sale plentiful, well-priced, well-presented and fresh? Email your comments to [gautengsmallholder@gmail.com](mailto:gautengsmallholder@gmail.com)

DAY	WHAT	WHEN	WHERE	WHO TO CONTACT	WHAT TO EXPECT
<b>Thursday</b>					
Every Thursday	Bryanston Organic & Natural Market	09:00 to 15:00	Culross Road (off Main Road), Bryanston.	Konrad or Glenda 011 706-3671 or <a href="mailto:glenda@bryanstonorganicmarket.co.za">glenda@bryanstonorganicmarket.co.za</a>	Quality hand crafted goods, unique art and fresh organic and naturally grown produce
<b>Friday</b>					
1st Friday	The Shed Night Market	18:00 to 22:00	109 Malcolm Road, Randvaal	Felicity 073 232-0017 or 081 011-9456	Food & craft market.
<b>Saturday</b>					
Every Saturday	Tuinhekkie Farmers Market	08:00 - 14:00	cor Lazar Ave & Merwe Road Boothia Plots, Randfontein	Amanda Hefer 073 565-8905	Handmade products, numerous food stalls, flowers live entertainment most Saturdays, farmyard for the kids
Every Saturday	Wholefood Country Market	09:00 - 14:00	Sawasdee Exotic Nursery, cor Main & Zinnia Roads, Kyalami	Robyn 083 311-4768 <a href="mailto:wholefoodmarket@gmail.com">wholefoodmarket@gmail.com</a>	Variety of organic & homemade foods
Every Saturday	The Shed Food & Craft Market	08:00 to 15:00	109 Malcolm Road, Randvaal	Felicity 073 232-0017 or 081 011-9456	Food & craft market.
Every Saturday	Pretoria Boeremark	05:30 to 09:30	Pioneer Open Air Museum, Silverton.	012 804-8031 or 082 416-3900 <a href="mailto:blingsa@lantic.net">blingsa@lantic.net</a>	Fresh produce and traditional bazaar treats like jaffles, kaings with pap and boerewors rolls.
Every Saturday	Bryanston Organic & Natural Market	09:00 to 15:00	Culross Road (off Main Road), Bryanston	Konrad or Glenda on 011 706-3671 <a href="mailto:glenda@bryanstonorganicmarket.co.za">glenda@bryanstonorganicmarket.co.za</a>	Quality hand crafted goods, unique art and fresh organic and naturally grown produce
Every Saturday	The Hazel Food Market	08:00 to 14:00	Greenlyn Village Centre, cor Thomas Edison & Mackenzie Sts, Menlo Park, Pta	Rietha 083 554-5636. <a href="http://www.hazelfoodmarket.co.za">www.hazelfoodmarket.co.za</a>	Fresh produce straight from the producer. Coffee, eats on sale
Every Saturday	Walkerville Farmers Market	09:00 to 15:00	R112 Main Road, Walkerville	079 076-7680 <a href="mailto:info@wfmmarket.co.za">info@wfmmarket.co.za</a>	Fresh produce, arts & crafts, food court and kids play area
Every Saturday	Walkerville Agricultural Market	09:00 to 15:00	K154 T-junction with R82	082 573-2780 <a href="mailto:market@walkervillesa.co.za">market@walkervillesa.co.za</a>	Organic produce and Crafter's Market. <a href="http://www.walkervillesa.co.za">www.walkervillesa.co.za</a>
Every Saturday	Bosheuvel Fresh Produce	09:00 to 15:00	54 Glory Road, Muldersdrift	Mitch 082 553-2846	Meats and vegetables, delicacies, honey, cheese, brewery, crafter's market and children's entertainment.
Every Saturday	Market @84	09:00 to 14:00	84 On Main, Walkerville	Ariel 078 223-9238	Fresh organically grown produce and crafters market
1st Saturday	Jozi Real Food VEGAN Market	09:00 to 15:00	Pirates Sports Club, Braeside Avenue, Greenside	083 532 2992 <a href="mailto:whitespace@mweb.co.za">whitespace@mweb.co.za</a>	Arts & crafts, live music, vegan cuisine, organic vegetables & coffee
1st Saturday	The Green Market	09:00 to 12:00	Pretoria Botanical Gardens 2 Cussonia Avenue, Brummeria, Pretoria	Melissa 083 562-5249	Products ranging from solar equipment to organic food
1st Saturday	Victus Christi Arts & Crafts Market	08:00 to 14:00	24b Miles Sharp Street, Rynfield, Benoni (north side of Bunny Park)	Schalk 082 561-9409 <a href="mailto:info@victuschristi.org.za">info@victuschristi.org.za</a>	Arts & crafts, fine art, food, fresh meat & produce and home industry
2nd Saturday	Brakpan Boeremark	09:00 to 14:00	cnr van der Walt and Dirk van der Hoff Brakpan	Marius 011 744-2322 082 904-8852	Over 50 stalls. Food, arts, crafts, etc.
Last Saturday	Fresh2U Farmers Market	08:00 to 14:00	Corner Main Street and High Street Modderfontein (behind 33 High Street)	Jane 083 376 5567 Chantelle 082 338 7818 <a href="mailto:wardek@iafrica.com">wardek@iafrica.com</a>	Over 50 stalls. Fresh produce, home made goods, plants, food and more.
Last Saturday	Fresh Produce Market	08:00 to 13:00	Lakeside Mall Boathouse	Alma 079 940-0201 <a href="mailto:realfood4realpeople@gmail.com">realfood4realpeople@gmail.com</a>	Local fresh produce direct to the public
Last Saturday	Windpomp Market	08:00 to 14:00	Broodblik & Koffiepit on the R51 between Petit & Bapsfontein	bonniecoutho4@gmail.com 083 458-3058 / 083 445-1608	Homemade crafts & food stalls bakery & coffee shop and entertainment
<b>Sunday</b>					
Every Sunday	Fourways Farmers Market	10:00 to 15:00	Corner Montecasino Boulevard and William Nicol Drive, Fourways	011 465 0827 <a href="http://www.ffmarket.co.za">www.ffmarket.co.za</a>	Get your groceries...In the garden!
Every Sunday	Jozi Real Food Market	09:00 to 14:00	Northcliff Country Club, Fir Avenue, Northcliff	083 532 2992 <a href="mailto:whitespace@mweb.co.za">whitespace@mweb.co.za</a>	Arts & crafts, music & entertainment, inspired cuisine organic vegetables & coffee, pet products
Last Sunday	Aloe Valley Food, Arts & Craft Market	10:00 to 14:00	48, R511 Doornrandjies	012 669-3043 <a href="mailto:info@serendipitycafe.co.za">info@serendipitycafe.co.za</a> <a href="http://www.serendipitycafe.co.za">www.serendipitycafe.co.za</a>	Community market to promote local business



**The book that every smallholder needs**  
**Only R180 VAT and p&p included**

**011 979-5088**  
[gautengsmallholder@gmail.com](mailto:gautengsmallholder@gmail.com)

**Infrastructure (fencing, septic tanks, irrigation etc)  
 Livestock, Crop Production, Pasture Management  
 Farm & Garden Machinery, Legislation, Home  
 Preserving... and much more!**





# SuperSmalls

**ONLY R120 PER ADVERTISEMENT (25 WORDS)**

## Conditions:

1. Small advertisements that do not qualify for FREE CLASSIFIEDS: PRODUCE, FODDER, PLANTS, LIVESTOCK & WANTED ADS.
2. Cost: R120-00 per 25 words or part thereof. Additional words chargeable at R1-00 per word.
3. Payments to be made to BOWFORD PUBLICATIONS (PTY) LTD, Nedbank Northmead, Account 1948 073 099.
4. Use your telephone number as reference on your payment.
5. Advertisements will only be published on our website and in the magazine when paid for.
6. The Publisher reserves the right to edit or omit advertisements at his discretion.
7. It is the Advertiser's responsibility to ensure we have received the advert and payment.
8. Services do not qualify for SuperSmalls. Please see our business rates on page 1.

**USE THE SuperSmalls FOR:**  
PRODUCE, FODDER, PLANTS,  
ALL ANIMALS & PETS including HORSES,  
POULTRY, AND WANTED ADS.

## USE THE COUPON BELOW FOR SuperSmalls


Tel:

**DEADLINE for submission: 15th of the month prior**  
**FOR ENQUIRIES TEL 011 979-5088**

**Send your advertisements and PROOF OF PAYMENT to:**  
BY FAX: 086 602-3882  
BY POST: Box 14648, Bredell 1623  
BY EMAIL: gautengsmallholder@gmail.com  
BY HAND: 370 da Costa Dr, Bredell, Kempton Park

1 WORD (BLOCK CAPITALS) PER SPACE, PLEASE

# FREE CLASSIFIED ADVERTISEMENTS

## Conditions:

1. Only private advertisements for used or second-hand items accepted. COMMERCIAL and BUSINESS advertisers should refer to our rates on page 1, and those selling PRODUCE, FODDER, PLANTS or LIVESTOCK OF ANY DESCRIPTION should refer to the **SuperSmalls** coupon above.
2. Only ONE insertion per application, and one category per coupon.
3. No DEALERS or AGENTS or COMPANIES permitted in the free classified section..
4. No ANIMALS (including HORSES), PETS or POULTRY permitted as free classifieds
5. No WANTED ads will be accepted as free classifieds.
6. No SERVICES will be accepted as free classifieds.
7. Classified advertisements may only be submitted for three consecutive editions.
8. The Publisher reserves the right to edit or omit advertisements at his discretion.
9. It is the Advertiser's responsibility to ensure we have received the advert.

## USE THE COUPON BELOW FOR FREE CLASSIFIED ADS


Tel:

**DEADLINE for submission: 15th of the month prior**  
**FOR ENQUIRIES TEL 011 979-5088**

**Send your Classified advertisements to us:**  
BY FAX: 086 602-3882  
BY POST: Box 14648, Bredell 1623  
BY EMAIL: gautengsmallholder@gmail.com  
BY HAND: 370 da Costa Dr, Bredell, Kempton Park

1 WORD (BLOCK CAPITALS) PER SPACE, PLEASE



## Happy holidays

It's probably not good for South Africa's gross domestic product as cutting out three weeks of productivity must have and effect on economic output, but one of the trends which I am coming to enjoy very much is that more and more of South Africa is closing down over the festive season, and the country is starting to take a complete break from itself at this time of year.

Think back 20 or 30 years ago: offices would stay open right through the festive season, albeit running on skeleton staff, (and even with those few employees at their posts doing not much more than twisting up paperclips and throwing paper darts at one another and taking long lunches), but there's been an obligation nonetheless to turn up for work according to the office roster, thus cutting into the days that one might otherwise have enjoyed getting up late and lazing by the pool.

Then the building industry started with its annual shutdown, and pretty soon anybody connected to the building trade realised the futility of trying to trade over the festive season and they too started to close.

And so the practice spread, and now you'll be hard-pressed to find anything other than a retail store or restaurant open between mid-December and well into January.

We are lucky, of course, in that we have an immutably important public holiday on December 16 which provides a good ~ almost fixed ~ starting point for the holidays. And in the Western Cape they are lucky to have Tweede Nuwe Jaar, traditionally the day on which the Coon Carnival parades were held through the streets of Cape Town (but which was, in fact, a day on which most simply lay about groaning and consuming their chosen hangover cures) to bookend the end of the season. (Although, in fact, anybody in business knows that commercial South Africa doesn't really come back to life until the middle of January.)

The good thing about a national holiday season is that it allows entrepreneurs to take a guilt-free break. As anybody in business for themselves will attest, sitting idly on the beach or lazing by the pool, however deserved the break may be, brings feelings of guilt or "fear of missing out" (FOMO) when one knows that one's competitors are still out there, possibly hoovering up deals that one might clinch were one not lying about.

Thus, despite the fabulousness of one's holiday, and the fact that one is confronted by delicious food, fine wine, lush golf courses and gorgeous companions, there is always a slight feeling of

guilt, that one should at least be constantly checking the stock market or commodity prices.

But when everybody else is also on holiday, one has no such worries, no such guilt.

Of course, we're not alone in this thoroughly civilised approach to life. Much of the northern hemisphere closes through August for the same reason. Try contacting anybody in an office in Continental Europe or the UK during August and you'll likely be told "I'm sorry, he's on holiday on the Costa del Sol."

Of course, having everybody on holiday at the same time has its drawbacks, as residents of coastal cities and towns will attest. Anecdotes abound (and have for many years, incidentally) of how Capetonians, who anyway view us Vaalies as a lower species, resent our presence in their fair dorp, despite the fact that it's us who pay their ridiculously inflated holiday prices and thus keep their economy afloat.

Mind you, Capetonians do have a point. It becomes hell on earth to get anywhere by road in Cape Town around Christmas as thousands of "kydaars" with GP number plates cause traffic to back up for miles on the city's totally inadequate road network.

The hostility has sometimes been quite cutting. Some years back when the City Fathers of Cape Town became concerned at a bumper sticker that appeared unduly rude ("Welcome, Vaalies. Now go home.") another quickly took its place ("Hartlik welkom, Oom en Tannie. Come and spend your lovely money")

But if it's hell at the coast, it's bliss at home. With so many of our neighbours at the seaside the cities and towns are denuded and going out for a meal, or finding parking to do some shopping, is a breeze.

There's no doubt, therefore, that the holiday season is the best time of year to enjoy Gauteng, its weather, and the facilities we have at our disposal. That's if you can find enough friends who haven't gapped it to the coast to enjoy them with.





**CITILEC**  
Electrical & Lighting Wholesalers

011 334 2737  
246 Main St, City & Suburban  
Johannesburg  
security@citilec.co.za

## Your Complete Solar Solution Provider



 **CanadianSolar**  
**AUTHORIZED  
RESELLER**

# We Deliver!

**265W Panel – R 1 995.00 ex vat**

**320W Panel – R 2 795.00 ex vat**

**105 Ah 12V Battery – R 965.00 ex vat**

**\* Prices exclude VAT and are valid till 31 December 2016 while stocks last.**

*Best Advice from QUALIFIED Staff!*

**• Solar Equipment**

**• Security, Surveillance & Access Control**

**• Electrical Wholesalers & Lighting Specialists**

E&OE. We reserve the right to limit quantity. Actual products may differ from images.



Revet Authorised Retailer of

# JOHN DEERE

## CLOTHING, TOYS AND NOVELTIES



## Huge Variety, Great Service!



## Freestyle Hand Bags available

**We courier nationwide**



Revet 48 Pomona Road Kempton Park | Tel 011 965 1292 | Cell 083 680 7746

**Trading Hours: Mon - Fri 07h00 - 17h00 | Sat 08h30 - 13h00**