

GAUTENG SMALLHOLDER

JULY 2016
HOW TO MAKE YOUR PLOT PROFITABLE

**Free magazine:
Take one!**

**Now also available
~ as published ~
ONLINE... go to
www.sasmallholder.co.za**



IN THIS EDITION:
Chelsea Exhibit comes to town
Social media and the maplotter
Starting a plot-based business
... and more..



More than 19 000 copies distributed monthly throughout Gauteng

www.sasmallholder.co.za



WATER PLANT

turning your garden into a paradise

since 1982

Sundays from 09:00 to 15:00

Hartbeespoort: R512, near Pecanwood

Tel 0861 987 654 / 012 244 1324

Cell 083 407 7589

THE COURIER GUY

SERVICE AVAILABLE



Full Range of Solar Water Feature Pumps & Panels



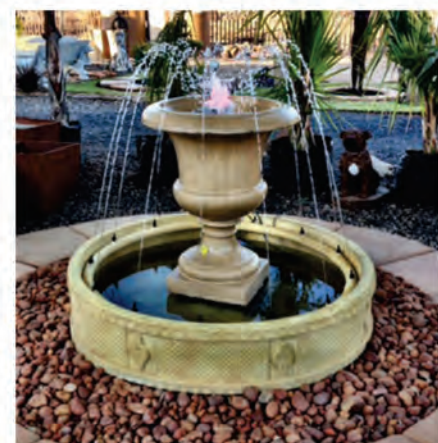
Keep warm this winter with our range of Pit Fires



Water Purification System



www.waterplant.co.za



V180 Drainage Pump



R1 499

HQB 3500 Pond Pump



R799

Superpond 450+ Float Switch



R1 999

50 Watt Panel and Solar Pump



R1 399

Valid for July 2016, while stocks last.

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

e-mail: gautengsmallholder@gmail.com

website:

www.sasmallholder.co.za



facebook.com/gautengsmallholder

PUBLISHER & EDITOR

Pete Bower

RESEARCH EDITOR

Vanessa Bower

GRAPHIC DESIGN

Michelle Urquhart

ADVERTISEMENT SALES

Call 011 979-5088

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

SA's exhibit at the Chelsea Flower Show featured the flora of the Kogelberg Biosphere. It will be on show at Garden World, Muldersdrift from July 29 to Sep 4. See page 8

COMMENT, by Pete Bower Your vote is VITAL



Elections are important. Integral to the democratic process, they are the one opportunity ordinary citizens have to shape the political world around them. In South Africa we have two sets of elections, one a proportional-representation exercise for national politics and one, constituency (or ward) based for local governance.

After 22 years of experience with the proportional-representation system many now argue that it is flawed, useless and simply encourages mediocrity, unaccountability and "snoutism" (the new word to describe the pigs-at-the-trough greed and profligacy displayed by so many of our public representatives).

This argument certainly has merit. How much better would it be if we reverted to a constituency system where individuals, preferably resident in their areas, would be voted into office by their neighbours, to whom they would be accountable for their pronouncements, decisions and actions.

Given the current focus on next month's local government elections that's an argument for another day.

For many argue that if you want to be a true servant of the people you should become a municipal councillor rather than a national member of parliament, because it is at municipality level that real civic decisions are made, which affect the physical surroundings of citizens, and thus the value of their lives.

Think of it: the state of your verges, the smoothness of the roads in your suburb, rubbish removal, provision of water and electricity, the cleanliness of your parks ~ all of these facilities and services are provided by your local council and when things go wrong it is to your local councillor that you should turn. That's certainly the case in our ward. We have a very active, well-known and highly approachable councillor who spends a considerable amount of his time sorting out power outages, having potholes repaired and getting the council plumbers to attend to water leaks. This shouldn't be his job, of course, but it is, because our council, like many others countrywide, is notoriously bad at answering its telephones and getting on with the job of repairing whatever is broken.

We're lucky with our councillor. You may not be so fortunate in that your elected representative may be an incompetent slacker. August 3, therefore, is your one opportunity to improve your lot. Your vote could mean the difference between an uncaring slacker and an energetic representative. That's why these elections are vitally important, and your participation essential.

On election day you will receive a ballot paper which, as in previous years, will have a myriad of voting choices, some being obscure political parties, others being of independent candidates. The fact remains that the contest in Gauteng this time around is between the ANC, the DA and the EFF.

Opinion polls are suggesting that there is a very good chance that the ANC's domination of the Tshwane municipality may be over, with the possibility of a DA majority (and as this edition went to press it was being clear through riots, arson and looting that many voters were unhappy with the ANC's choice of mayoral candidate). Certainly, the DA should continue to hold the majority in the Midvaal municipality, which it already runs, and equally certainly the ANC majority in most councils will be slashed, by increases in the EFF representation to the left and by the DA to the other side.

Strategic opposition coalitions could also become a factor in our local politics for the first time, if a total of EFF and DA members is larger than the ANC number elected. How this will work in practice, however, is hard to imagine.

Another factor this election is the large number of ANC voters who have become sickened by the antics of Mr Zuma, his friends and his snoutist flunkies. How will they vote? Some will certainly support the EFF, others the DA.

But there is a large group for whom either opposition party is not an option, the EFF because it is a leftist "bridge too far" and the DA because Mmusi Maimane is still too "white" for them.

It is vital that these voters do not simply stay away from the polls. That sends no political message at all. They must be encouraged to spoil their papers if they can't find it in their hearts to make a single cross.

An unusually large percentage of spoiled papers sends a strong political signal that society is unhappy with the status quo. Certainly a much stronger message than a low voter turn out, which merely signals apathy. And that we as South Africans simply cannot afford at this stage.

Specialists in Pumps & Sprayers



Honda Water Pumps
2" & 3" models
Honda Banjo
Fertilizer Pumps
also available

**UPGRADE TO A
HONDA**



2 500 litre firefighting trailer

750 litre bakkie-mounted firefighter

120 litre 220V wheeled sprayer

NEW!! Long-handled Hand Tools

Ideal for the elderly gardener!!

No bending!!

- 4 designs to choose from
- Sturdy 5mm steel construction
- Galvanised after fabrication ~
- Long 1,2m wooden handles

Trade enquiries welcome

Spares for older model Honda machines always available!

Consumables for trimmers, etc.

MULTI



1 GRANT ST, NEW STATE AREAS, SPRINGS

TEL: 011 817-3044/84

082 444-8952

FAX: 011 817-3063

GPS 26°14.282'S, 28°24.402'E

www.mfpafrica.com

e-mail: mulpower@netactive.co.za



SPARTS MOTOR SPARES

Tel: 011 967 1295
011 967 2151
Cell: 072 041 7819
Fax: 011 963 0473
086 218 4686
Email: spartscc@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



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



AFRICA TOUGH HOSE SOLUTIONS

The WATEX brand caters for your quality hose needs!

Ask for it at your nearest Hardware Store or Co-operative - after all, local is lekker!

Garden Hose

- 12 & 20mm diameter Garden Hose
- 6 Year Warranty
- 20 & 30 metre lengths
- Manufactured from virgin raw material: Black Inner with ribbed Crystal Green Outer
- Minimum Burst Pressure: 2500kPa
- Look for our distinctive packaging!



Fittings

Our range of Quick-clip fittings is manufactured from high quality ABS plastic that is UV stabilised.



Dragline Hose

- Manufactured from virgin raw materials
- Black and ribbed outer offers excellent abrasion and UV resistance
- Standard (5 year design life) or Heavy Duty (SABS 10 year design life)
- Minimum Burst Pressure – 2500kPa



Industrial Tubing

- CLEAR TUBING • FUEL HOSE • AIR & WATER HOSE
- Manufactured from virgin raw material for quality
- Clear tubing is available in thin and thick wall
- Manufactured for low pressure applications
- Good flexibility
- High resistance to gases and chemicals
- High pressure applications: air & oil
- Specifications available on our website
- From 3mm - 32mm x 30m rolls.



Reinforced Hosing (Pty) Ltd

Manufacturer & Supplier of:

- Agricultural Dragline • SABS Mining Hose
- Clear Tubing • Garden Hose
- Prepacked Garden Hose Fittings



• www.watex.co.za

• ☎ 011 769 2600

4472 WATEX Gauteng Smallholder



RIPPLE CREEK

NURSERY & ORGANICS

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

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

Now available: BUILDING MATERIAL: sand, concrete mix, cement

SPECIALS:

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

All Plants & Trees: **Buy 10 get 1 FREE** (excl seedlings)

Agapanthus (4ℓ): **Were R28-00 NOW R18-00 each**

Selected Trees: **Less 20%**

Open - Sunday to Friday / Closed - Saturday

Tel: 011 965 1777 or 082 875 9507
78 Elm Road, Benoni Agricultural Holdings

Vico Steel Projects cc

We Do:

- STEEL STRUCTURES
- SHADEPORTS / CARPORTS



079 369 6100

079 956 1555

010 235 0012

vsp@polka.co.za

www.vicosteelprojects.co.za

COMMERCIAL & INDUSTRIAL

TRANSLUCENT

POLYCARBONATE SHEETING

Flat, Profiled & Multi-wall
Polycarbonate Roof Sheeting

At
Affordable
Prices

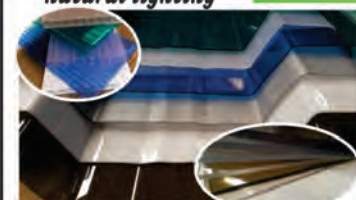
SAVE ON
ELECTRICITY

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



Tel: 011 894 2873 / 079 882 2515

carolann@masbiz.co.za

192 Dr Vosloo Road, Bartlett, Boksburg
www.masbiz.co.za

STUMBELBLOC



BUILD HOUSE WALLS FOR R 98, 00/m²

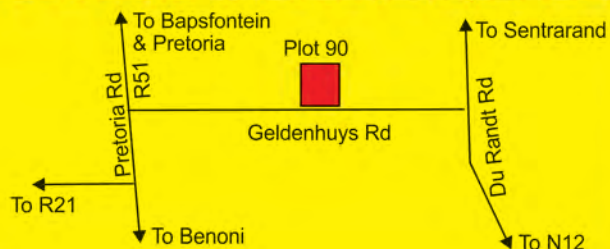


Contact us now for
more information:

www.stumbelbloc.com
or call 083228 8036

MAKE YOUR OWN BLOCKS AND BUILD YOURSELF

MAP TO OUR EXHIBITION DAY, 22 JULY



SPECIAL FOCUS ON ONE-STOP SERVICE PLATFORM Cultivators ~ Tractors ~ Trailers ~ Planters

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

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



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



All models come standard with:
Wheels & Tiller Blade Sets

Walk-behind Tractor

Two models to choose from:

8,8kW (12HP) single cylinder diesel

- top speed 24,5km/h

12,1kW (16HP) single cylinder diesel

(pictured) - top speed 28,5km/h

Both models:

Min service mass: 390kg

6 FWD gears & 2 Reverse

Max PTO speed 986 r/min

Trailer rating 1 500 kg



1,5 ton capacity
ride-on trailer

**Best
Prices!!**



Adjustable
single-share
plough



Ride-on
Rotavator

Runyuan
润源实业



Run-Yuan

**SOUTH AFRICAN REPRESENTATIVE: ZSHI TRADING ENTERPRISE cc,
Unit 6, Aviation Park, Pomona Road, Kempton Park. Tel 071 222 3576
email runyuan02@runyuan.com.cn**

AGENTS SOUGHT THROUGHOUT SOUTHERN AFRICA!!

SMALL FARMERS FOR FARM EQUIPMENT

Harvesters ~ Hand-held Tools ~ Pumps



5 ton Tipping Farm Trailer

7CX-5T Hydraulic rear-tipping trailer. 45 deg tipping angle, air brake, 3,12m x 1,92m load bed, 35-50kW tractor power.



Ground-engaging implements for all tractor sizes & all applications

WE ALSO SUPPLY:

AGRICULTURAL MACHINERY - harvesters, threshers

HAYMAKING MACHINERY - slashers, cutters, rakes & balers

AGRICULTURAL IMPLEMENTS - for large and small tractors

TRACTORS - 22,1kW to 73,5kW, 2 and 4-WD

BIOGAS EQUIPMENT - bags, stoves, regulators etc

COAL STOVES

HAND TOOLS - hoes, rakes, wheelbarrows etc

HAND PLANTERS - for vegetable seedlings



NEW: Biogas Equipment

Full Spares & Parts Backup in SA!!

SMALLHOLDERS & GARDENERS:

Availability of small machinery a problem?

We have the solution for you: Join us on Friday 22 July for an exhibition of small machinery for smallholders.

Information & demos will be provided.

Machines on display.

Food and drinks on sale.

Where: Plot 90, Geldenhuys Rd, Putfontein BENONI

When: Fri 22 July, 09h00 ~ 16h00

Enquiries: Call Joe 071 222 3576



A TRUSTED name internationally for quality agricultural machines

www.runyuan.com.cn

ALGEHELE UITVERKOPING: Beeste; skape; Implemente

namens: August Schultz 073 345 3957

Donderdag 28 Julie 2016 om 11:00 op die plaas Trichardtspoort; Bronkhorstspuit

Beeste & Skape

24 Drakensberger tipe Koeie
3 Drakensberger tipe Bulle
(1 gereg.)
6 Drakensberger tipe Kalwers
4 Dorper Skape

Trekkeurs & Sleepwaens

1x MF 188 Trekkeur
1x International 724 Trekkeur
1x Groot 4 wiel sleepwa
1x Klein 2 wiel sleepwa
1x Venter waentjie (op die pad)
1x Waterkar (vuurvegter) 500l

Implemente

1x 4 Tol hark
1x Welger Rp180 Baalmasjien
(het spaar belde)
1x Kuhn 4 tol snyer
1x 3-Punt Kalkstrooier
1x Kalkstrooier op wiele
1x Teffsaaiër
1x 2 Rigting Snyeg
1x 3 Skaar skaarploeg
1x Skoffel
1x 4 Lit Eg
1x Drotsky Hammermeule
met siwwe

Engineering Masjiene

1x Draaibank (2m tussen senters)
1x Frees masjien
1x 440 Wiel band skuurder
1x 500 Lem arm saag met staal tafel
1x Groot staal grinder (stene 250x40mm)
1x Staan boormasjien tafel 380 radius
1x Staan boormasjien tafel 500 radius
1x 24 volt battery laaier met 380 volt motor
Staal tafels met bankskroewe

VOORWAARDES: 1.) Veiling met reserwes. 2.) Die Verkoper en Afslaer behou die reg voor om enige diere voor of tydens die veiling te onttrek of by te voeg. 3.) BTW is betaalbaar. 4.) FICA: Bring afskrifte van beide BTW sertifikaat, ID dokument en bewys van woonadres. 5.) Vleissentraal se standaard veilingsvoorwaardes geld.

Ander

1x Trekkeur Rovatti besproeiings pomp met kanon
1x Trekkeur 3-punt houtsaag
60x Besproeiings pype; 1x Betonmenger
1x Groot elektriese houtsaag (15HP)
1x Klein elektriese houtsaag
1x 3-Punt kraan; 1x Tiller; 1x 4 Lit Eg

Motorfiets

1x 1996 BMW GSS/1100R



Bronkhorstspuit

TERME: Kontant of bankgewaarborgde tjek. Internetfasiliteite vir betalings sal beskikbaar wees.

NAVRAE: Vleissentraal Ermelo (017) 819-1106; **WEBBLAD:** www.vleissentraal.co.za; **F/B:** Vleissentraal Ermelo

AFSLAER: Gareth Hughes 079 515 4845; **BEMARKER:** Gys Taute 083 253 6906

PROPERTY

LOOSE ASSETS

GAME

EXOTIC GAME

LIVESTOCK



BARCO
Auctioneers

NEXT AUCTION

Boekendal
Country Estate

A VARIETY OF LIVESTOCK & AGRICULTURAL EQUIPMENT & MACHINERY

PRIZE

A YOUNG

PINZGAUER BULL

up for grabs to a registered

buyer on day of auction

COURTESY OF

BOSHEUVEL

COUNTRY ESTATE

FRIDAY 15 JULY 2016 @11:00

@ 54 Glory Road, Muldersdrift, Johannesburg | Co Ordinates: -26.02528, 27.89409

| CATTLE | GOATS | SHEEP | PIGS |

| AGRICULTURAL EQUIPMENT & MACHINERY |

PUBLIC WELCOME
TO ADD LIVESTOCK,
AGRICULTURAL EQUIPMENT
& MACHINERY
TO OUR AUCTION/S.
FOR ARRANGEMENTS
CONTACT US.



Terms: Only EFT on the day of auction. Fica requirements for registration to bid must be followed. Bring a copy of ID & Proof of Residence. Complete conditions of 2008 Consumer Protection Act is available at www.info.gov.za

OFFICE
011 795 1240

BONITA
071 364 6109

JEAN
083 341 2357

www.barcoauctioneers.co.za

bonita@barcoauctioneers.co.za

NEW HOLLAND
AGRICULTURE

TARLTON NEW HOLLAND

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



Ask about
our full
range

NEW HOLLAND TRACTORS
from 42kw - 400Kw

Full range of New Holland
Construction Machinery



NEW HOLLAND
B115B TLB

...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

Broken fences, pregnant bitches ~ Eish

Sir ~ We stay in Vischkuil and have four dogs on our property, all of them bitches. The one dog went on heat. My neighbour's dogs keep

breaking into our place to mate with the dog. Every night I must fix the fence where the dog comes in. Sometimes he even digs holes to go under the fence.

Last week when my wife came back from town the male was in the yard and his penis was hanging out. The female started walking strange the next day. Three days later

and she is not drinking or eating at all.

We took her to the vet and discovered that the uterus was damaged due to the mating.

Cost of this now is going to be R2 500+ (she needs to stay three days to recover).

We did sent communication to the neighbour about the dog but they keep ignoring us.

Can we keep them accountable for the bill from the vet?

Continued on page 8

Pigeons for weddings, funerals

Sir ~ There is a trend arising which I find alarming and inhumane. People are releasing pigeons or doves at ceremonies such as funerals.

The idea is that the releasing of a white dove helps to begin the grieving process by opening the doors to "letting go" and is sure to live on in the memories of all attending the service. In principle, the trained white birds will soar into the sky, usually circling any number of times in a group before returning to

their home lofts.

However, I am not at all sure that these birds are trained. A friend of mine, who also lives on a plot, was selling his pigeons and someone wanted to buy them to release at weddings. Now, his pigeons

are not trained at all and they are accustomed to being fed every day. If they are released in a strange environment they will be unable to fend for themselves.

I would have thought that

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 gautengsmallholder@gmail.com



BREDELL GAS & HARDWARE

Hardware *Winter Warm Fresh Gas*

Dry Cleaning

TV & Video Repairs

OPEN ON SUNDAYS 09:00-12:00

Bredell Shopping Centre
3rd Ave, Bredell Tel 011 396-1662

ALLSOLAR
Renewable Energy Solutions

- Solar Panels • Wind Turbines • Hydro Turbines • Inverters
- Batteries • Controllers • LED Lights • Solar Lights
- Solar Borehole Pumps • System Design • Energy Audit

• Solar Geyser (tubes) retrofit 150 liter 2 year warranty	R7 495
• Solar Geyser (flat plate) retrofit 200 liter 10 year warranty	R12 775
• Geyserwise controller	+ R1 350
• Pumped system	+ R1 565

Centurion: 012 664 1771
Johann: 078 458 8625
johann@allsolar.co.za
www.allsolar.co.za

MetalTree Interiors

Chicken Coops

CCA treated pine frame & pine panelling.
Sealed with Wax Oil.
Screwed & glued together.
NO NAILS.
Mesh ventilation.

Contact David
082 379 6512
info@metaltree.co.za

from R3 000

Can be customised to your requirements

Also: stables, kennels, rabbit hutches, geese coops, sheep jugs

HI PERFORMANCE FEEDS

016 366 1398 • 082 907 6519
Nigel 011 814 1572 • Vanderbijlpark 016 987 3571

Pharmaceuticals • Poltek Equipment
Bird Seed • Agricultural Equipment

Beat the Winter Blues
Licks now in stock!

**Protein Lick
Energy Lick
Woolmaster Lick**

Agents wanted

We sell direct to the public!

Visit our factory on the Meyerton/Heidelberg road.

VITAL+MED

016 362 3515 **Dog Kennels for Winter!**

NEWS

Chelsea winner comes to town again

For the 34th time in 41 years of exhibiting at the Royal Horticultural Society's Chelsea Flower Show, the South African stand won a gold medal this year, for its stand featuring the fynbos of the Kogelberg Biosphere Reserve, between Gordons Bay and Kleinmond in the southern Cape.

The stand is made possible each year by the SA National Biodiversity Institute at Kirstenbosch and elsewhere, and for the past 23 years has been designed by David Davidson and Raymond Hudson, assisted by Sanbi staff and volunteers. Although a concerted effort is made each year to showcase

the broad botanical and cultural diversity of South Africa, as well as the geographic range of the National

Botanical Gardens, the stand often prominently features fynbos flowers. That's because

Continued on page 10

BITCHES & FENCES

From page 7

And what would the procedure be?

We did approach them

regarding the bill but they are only insulting us.

There was a previous case against them as well for dogs biting the other neighbour's cows.

According to them we were supposed to sterilise the dog if we did not want her to have puppies.

They said that it is our fault in tempting nature and they can not be accountable for our stupidity.

Can I not do what I feel best on my own property?

Please advise.

Wouter Steyn

Vischkuil.

My advice would be to have the bitches neutered.

Or if they are of breeding quality, to have them securely kennelled when in heat.

What do other readers think?

~ Editor

Apparently they are also being used at corporate and civic events, allegedly to add dignity!

The websites of some organisations providing birds for ceremonies do state that their birds are trained and will only be released in a limited distance from their home base. Others however give no such assurances.

Mahatma Gandhi is alleged to have said, "The greatness of a nation can be judged by the way its animals are treated". I think our treatment of birds is just as revealing of us as a people.

Margaret D

Muldersdrift

Walkerville Agricultural Market
Produce & Craft Market
Every Saturday
09:00 till 15:00
Stalls Galore!
Best quality items at the Showgrounds
Pub grub, craft beer & licensed pub
Something for the children
082 775 0802
market@walkervillesa.co.za

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

GAS2U

26°00.138'S: 028°24.832'E
Corner of Gerald & Magic Streets
Bapsfontein
(near BP Garage)

ATLAS Gas Geysers

6 Litre	R1 880
8 Litre	R2 210
10 Litre	R2 420
12 Litre	R3 150
16 Litre	R3 950
20 Litre	R4 735
20 Litre with fan	R9 975

GAS REFILLS:
Fill up your cylinders before Winter's shortages.

9kg	- R171
19kg	- R361
48kg	- R912

For walk-in customers only.

RYBOX Petrol Generator
Only R2 999-00

Safegas Cooker Top
Only R99-00

BOSCH ELBA ALVA BIG JIM CAMP MASTER
ACCREDITED DISTRIBUTOR

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.

AGRI-CHEM DEPOT

NEW!

Termites & White Ants?
Ultrakill Timberdefence on Special
5 lit ~ R662-00*
1 lit ~ R164-00*
Paint-on or Spray

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

In all pack sizes for farmers and smallholders!!

BENFARM

65 Unity Ave, New Modder, Benoni Tel 011 423-2801 Cell 082 900-5400
email 20ness@mweb.co.za Website coming soon!

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

GROENVOER

Quality Animal Feeds



Since 1970

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

SINCE
1970

GROENVOER Premium Quality Animal Feed

July.
Special
Friendship
Days!

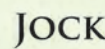
15 July
I love
Horses day

21 July
I love
Dogs day

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

Horse Feed is our Speciality

Along with our best-selling **Groenvoer** feeds for Horses, Cattle, Sheep, Pigs & Poultry, we also stock the following brands:



JULY 2016 SPECIALS!

Carmino+ 100g vitamin sachets
Assists enzyme production for more beneficial feed digestion and absorption.

Racumin Wax Blocks 85g

Racumin Paste 200g
(Safest for secondary poisoning)

Fire Beaters

R37 - Save R10.00

R50 - Save R6.00

R74 - Save R8.00

R110 - Save R25.00



GROOM TRAINING COURSE

4 & 5 October 2016 • 8.30am – 3.30pm

Only R1370! (Groenvoer feed clients pay a discounted rate of R1120)

The course covers basic feeding, grooming, tack and vet care. Invest in your groom and enjoy a more efficiently managed yard.

Limited places available! Book Now

IN ASSOCIATION
WITH



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



SADDLERY SAVERS

Winter is here!
Blanket washing
& saddlery repairs
Quick, thorough
& Inexpensive

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

web: www.groenvoer.co.za



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



"I have always been reluctant to feed Teff from round bales because of the massive wastage - either through trampling and soiling by my horses, or through degradation by rain and sun. With the SA Grass Roll Saver I can feed my horses the quality hay they deserve without breaking the bank. Thank you. This was definitely a good investment!"

DR KAREN BOHME - GLEN FERNES

NEWS

From page 8

the Chelsea show takes place in the northern Spring, while in the South it is autumn. Fortunately for South Africa, that's when the fynbos flowers, which is why such plants are used in abundance on the stand. This year's exhibit therefore focused on the Harold Porter National Botanical Garden,



Arum lilies in a pond

located within the Kogelberg Biosphere Reserve. This is a place of great natural beauty and complex floral diversity that it is recognised as one of the world's greatest biodiversity hot-spots.

A win at Chelsea has a far-reaching effect. The Sanbi stand is one of the "must-see" attractions of the Chelsea Flower Show, drawing many of the more than 150 000 visitors to the grounds of the Royal Hospital in Chelsea, London over the five days of the show.

Residents of Gauteng are also afforded the privilege of seeing this award-winning display as the stand is

reconstructed as part of Garden World's Spring Festival from 29 July to 4 September at its nursery in Muldersdrift. This year, apart from the Chelsea exhibit, 22 gardens (the most ever) will compete for best on show and this includes the work of twelve landscapers who are participating for the first time.

There will be great emphasis on water wise gardening this year, with display gardens from Rand Water, and Sanbi's two Gauteng botanical gardens, namely Walter Sisulu and



Flora from the Harold Porter Botanical Garden in the Kogelberg Reserve.

Pretoria.

The Spring Festival programme of talks includes

Continued on page 11



Garden World presents *'Leap into Spring'*

Our 2016 Garden Design Show
features the Gold Award Winning
Kirstenbosch-SA Chelsea Exhibit from London

Info: Magriet or Corné on 011 957 2545 / 011 956 3003 / 083 997 6142
nursery@gardenworld.co.za - www.gardenworld.co.za
Beyers Naude Drive, Muldersdrift, Gauteng
GPS - S 26° 02.560' E 027° 53.164'

29 July - 4 Sept

Entrance to the
22 Designer Gardens & the
Chelsea Exhibit is
R20 pp, Children u/12 Free




HYDRO SOLUTIONS

WATER AND SOLAR TECHNOLOGIES

★★★★★
Contact us
for precise
advise and
great service.

Pressure Pump Special !

- 1.5 KW Motor 220V
- Maximum Head: 52 meters
- Maximum Flow: 7200 litre / hour
- Durable Brass Impeller

NOW ONLY! R1399

Complete Borehole Kit Special !

- 0.55KW Motor.
- Maximum Head: 67 Meters.
- Maximum Flow: 3000 litre / hour.
- Kit Includes: 4" Borehole Pump and .55KW Motor, 50m Submersible Cable, Control Box.
- Durable Stainless Steel Body and Impeller Shaft.

NOW ONLY! R3999

Free delivery straight to your site. (Gauteng only)

Booster Set Special !

- 0.37KW Motor.
- Maximum Head: 38 Meters.
- Maximum Flow: 2400 litre / hour.
- Automatic On / Off control switch.
- Ideal for domestic use

NOW ONLY! R1480

VISIT OUR FACTORY STORE IN PTA EAST

☎ 012 807 3256 ✉ sales@hydropumps.co.za

www.hydropumps.co.za



Justic Veevoere

AGENT FOR:








Quality that ensures Production & Profitability

1st Grade Ross 308 Day Old Broiler Chicks available on order

Broiler Feed available:

- ◆ Epol Optigro range
- ◆ Epol Econo Range
- ◆ Rossagro Magnum Range
- ◆ Rossagro 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

Better prospects for rain next season

The next rainy season in Gauteng could be a bit wetter than the last, and the drought that has gripped the country generally in recent months could be broken if early predictions by Australian oceanographers come true. That's because they are saying, at this early stage, that indications for seawater temperatures in the central

Pacific Ocean point towards a weak La Nina effect developing over the coming months. A La Nina ("the girl" in Spanish) effect is the opposite of the El Nino ("the boy") that the southern hemisphere experienced last summer. With a La Nina event, ocean temperatures are generally lower than average in the central Pacific, which

sometimes results in slightly higher temperatures in the Western Pacific, the effect on the atmosphere generally being to increase moisture, resulting in increased rainfall over the land masses of the southern hemisphere, including southern Africa and Australia. The exact opposite happens in an El Nino event.

The intensity of these events varies, with the degree of drought or heavy rainfall being in correlation to the variance in temperatures.



GARDEN WORLD

From page 10

the ever-popular Margaret Roberts on herbs, a mother and child flower arranging workshop with Interflora, trendy ways to upcycle and recycle, and a morning of music and garden mayhem with Tanya Visser, Richard Cock and Paul Vonk, of Mayford Seeds, presenting 'In Tune With Nature'. Other annual attractions at

the festival are the school gardens, children's box gardens, and floral exhibits of the Gauteng Flora Union and Interflora. For information on the Spring Festival and booking for the talks, workshops and music contact Magriet or Corné on 011 957-2545 / 011 956-3003 or 083 997-6142. Or visit www.gardenworld.co.za

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"

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

Win! with... **Garden World**



Making a world of difference

Answer a simple question And visit Garden World's Spring Festival to stand in line to WIN a hamper of HEIRLOOM VEGETABLE SEEDS worth R500!!

TO ENTER:
Answer the following question:
Where in Gauteng will the Kirstenbosch-SA Chelsea Exhibit be re-created?

email your answer to nursery@gardenworld.co.za BEFORE NOON on 10 Aug 2016

The winner will be notified on 11 Aug 2016

NB: You must visit the Garden World Spring Festival between 11 Aug 2016 and 4 Sep 2016 to claim your prize.



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

NEWS

Indigenous, but undesirable Daff manual for Bankrupt bush control

By now, everybody must be aware of the various categories of alien invader plants (and other species) that we are supposed to remove and destroy, or otherwise manage, on our properties. Less well-known, however, are those indigenous plants that can destroy a productive environment, especially productive pasture.

Among these is *Seriphium plumosum*, also known as *Stoebe vulgaris*, but commonly known as bankrupt bush or bankrotbos (because if you let it grow rampantly on your land it will bankrupt you), which has been quietly spreading throughout the country, including in Gauteng, it has been growing under the noses of those who have been focussing their efforts on the alarming spread of such much more attractive and colourful aliens as pompom weed and mexican poppy.

Bankrupt bush is a woody dwarf shrub that can grow up to 1m high and is really built for survival. The large crown may easily cover an area of 1m², over-shadowing and pushing out all other species, especially grasses that need to compete with the extensive root system for water and nutrients. The very small leaves restrict transpiration to a minimum while the grey to bluish colour reflects the harsh rays of the sun.



Close-up of flowers (larger, brown-green) and leaves (small, grey-blue) on woody stems

Unpleasant smelling volatile oils keep away any browsers and fine seeds are distributed by the wind in their millions, which can lie dormant in the soil for more than five years. Growing points situated just beneath the soil surface ensure the survival of the plant against any fires or above-ground damage. Bankrupt bush occurs in a

wide area with a mean annual rainfall from 550mm to 800mm. It usually prefers well drained slopes, but in some cases will also encroach into wetter areas and areas with slightly higher clay content. The plants are sensitive to salt as well as high levels of

Mature bankrupt bush

nitrogen or soils with a high organic content. Bankrupt bush is however an opportunistic encroacher that will firstly populate open areas, for example old

Continued on page 15



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

<p>Cape Sales: Tel: +27 (0)22 433 2342/2937 Fax: +27 (0)22 433 4724 E-mail: rotocape@mweb.co.za</p>	<p>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 PO Box 1210, Ifafi 0260</p>	<p>KZN Sales: Tel: +27 (0)39 685 7243 Fax: +27 (0)39 685 0292 E-mail: kznsales@rototank.co.za</p>
--	---	--

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



Vertical tanks from 500ℓ to 40 000ℓ



Horizontal tanks from 500ℓ to 8 000ℓ



Modular plastic silos ranging from 8m³ to 24m³



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

Trade in your old tank for a NEW one!

Free delivery

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



WINTER HOT DEALS

Chainsaw-DIY

**GLS 500
DIY 50cc**



R1499

ex vat

Chainsaw-PRO

**CTSP 5000
Pro 50cc**



R1999

ex vat

Chainsaw-PRO

**CTSP 6200
Pro 62cc**



R2999

ex vat

Solar Geysers

**LOW
PRESSURE**



**100L ~ 300L
sizes**

* Roof mounting
rails available

100L model

* Collection only

ex vat

R2549

Water Boosters

**GCP - 158
+ Gflowc**

0.75kw
Auto On/Off
4.5bar



R2499

ex vat

Brushcutters

52cc BD - Pro
Walbro carburettor
Double strap harness
Heavy-duty air filter

43cc CG - DIY
Grass blade
Toolkit

R1899

ex vat

R2799



16L Sprayer

SHS16L Y

16L
S/S lance
Chemical safe



ex vat

R349

Shredders

Ss1002

6.5Hp
Up to 76mm Branches
*towbar not included



ex vat

R9999

Fire Fighters

**PS3WH-36L
6.5Hp**



R3999

ex vat

Generators

RGG1456
1.1kW PETROL
4-STROKE-220v



ex vat

R2499

RGG3400E
3.0kW PETROL
E/Start-220v



ex vat

R3999

RGG7150E
6.3kW PETROL
E/Start-220v



ex vat

R6999

RDG5500SE
4.6kW DIESEL SILENT
E/Start-220v



ex vat

R12498

RGG10000E
10kW PETROL
E/Start-220v



ex vat

R23999

Electric Start
AVR protected
Wheel kits avail.

220v & 380V

Petrol & Diesel

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



**RED
RHINO™
PRODUCTS**

CALL FOR YOUR NEAREST STOCKIST

JHB North 010 591 0432
JHB East 011 824 0446
JHB West 011 660 5509
JHB South 011 434 0224
Pretoria 012 804 5273
Vaal 016 455 2556
Brits 081 736 4096
Ermelo 017 819 2804

Tell 011 668 1923/4
Fax 011 668 1925
Sales@klbengineering.com
info@klbengineering.com
www.red-rhino.com

VulPro wins zoo award again

For the second year running, VulPro ~ The Vulture Conservation Programme of South Africa, which operates from premises in Wes Moot near Hartbeespoort, has been awarded the prestigious Paaza (Pan-African Association of Zoos & Aquaria) conservation award for its vulture conservation work. Last year VulPro was recognised and rewarded for its captive breeding programme which resulted in the successful release of captive

bred Cape Vulture chicks for population supplementation, the first ever on the African continent. This year VulPro was recognised for its work in saving vultures through rehabilitation, education, population monitoring and surveys, research, captive breeding and ongoing involvement and interaction with landowners, farmers and the general public. VulPro says vultures are vital indicators of the health of our

ecosystem and are invaluable guardians against outbreaks of botulism, anthrax and foot and mouth disease due to their ability to metabolise these bacteria with no danger to themselves. They are, however, very susceptible to poison, certain NSAIDs (non-steroidal anti-inflammatory drugs) such as Ketaprofen, lead toxicity, habitat loss and physical flight threats such as power lines. VulPro's work has far reaching benefits by helping to stabilise

and recover wild population numbers, limiting disease epidemics, ensuring healthy wildlife and limiting unnecessary loss of stock in the agricultural sector. VulPro's impact is particularly important in poorer rural areas, where families often rely solely on their livestock for survival.



BANKRUPT BUSH

From page 13

cultivated fields or degraded veld, but from there will rapidly spread into adjacent areas, even veld with good cover and with a good species composition. It is particularly prevalent in the Eastern Highveld parts of

Gauteng, but is found in the Eastern Free State, Northwest Province, Eastern Cape, Limpopo, KwaZulu-Natal and Mpumalanga. The problem of bankrupt bush encroachment has become so acute that two officials from the Dept of

Agriculture, Forestries & Fisheries, Paul Avenant and Ivan Riggs, have compiled a 52 page guide to the bush, how to identify it and its extent in one's lands, and best practices for its eradication and control. Entitled the *Best Practises*

Manual For The Control And Management Of Bankrupt Bush (Seriphium plumosum) Ver 1.2, the manual can be downloaded from www.sasmallholder.co.za under the resources tab, or obtained from Daff offices.

PRECISION MOWERS
SALES-SPARES-REPAIRS
SINCE 1985

2 Pioneer Street
Cnr Rietfontein Road
Glen Marais, Kempton Park

011 391 0708
www.precisionmowers.co.za

STIHL®

Gear Up For Fire Season!

MS250 Chainsaw **R4 695**

BR420 Backpack Blower **R5 995**

FS160 Brushcutter **R5 795**

RE129 High Pressure Washer **R4 995**

E & OE. Valid while stock lasts. Prices include VAT.

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

Beulah

Pregnancy Diagnosis of Cattle
Artificial Insemination of Cattle
Animal Production Consultation
Animal Reproduction Consultation
Cattle Vaccinations

Christelle King
BSc (Agric) Anim Sci
072 361 8934
fcjvrensburg@gmail.com

"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

Email: info@turfmaster.co.za

Prices may differ at branches due to transport cost.

Branches:

BELLVILLE:
021 945 4106

CENTURION:
012 653 8342

DURBAN:
031 701 8233

NELSPRUIT:
013 752 8486

PORT ELIZABETH:
041 581 8443

ROODEPOORT:
076 921 5469

STRAND:
021 850 8557

Opening soon:
Sabie & Lydenburg

BUY DIRECT FROM THE IMPORTER / MANUFACTURER AND SAVE!

MARUYAMA



KUDU



Kawasaki
Power Products

TANAKA



Cub Cadet

Ride-On
Lawn Tractor



38" Cutting Width / B&S Engine

R30,000 Excl. VAT

42" Cutting Width / Kawasaki Engine

R50,000 Excl. VAT

Garden Tiller

Honda GX160 Engine
Tilling Width: 18"
Till Depth: 7.5"

R25,000
Excl. VAT



Ride-On Lawn Tractor

38" Cutting Width

R25,000
Excl. VAT



KUDU

Industrial
Heavy Duty
Lawn Mower



Power Pro 15 hp Engine

R19,000 Excl. VAT

Briggs & Stratton Engine 420 cc, 10.2 kW

R22,500 Excl. VAT

Kohler CH440 Engine 429 cc, 10.5 kW

R23,000 Excl. VAT

Diesel Power Pro 458 cc, 8.25 kW

R22,000 Excl. VAT

BRUSH CUTTERS



INDUSTRIAL:

MARUYAMA

41.5 cc **R5,800** Excl. VAT

50.2 cc **R6,000** Excl. VAT

Kawasaki
Power Products

45.4 cc **R5,900** Excl. VAT

53.2 cc **R6,500** Excl. VAT

Husky

41.5 cc, Husky 143R11-P

R4,250 Excl. VAT

41.5 cc, Husky 143R11-D

R3,750 Excl. VAT

SEMI-INDUSTRIAL:

mitsubishi

42.7 cc **R3,900** Excl. VAT

TANAKA

PRO30 **R1,400** Excl. VAT

PRO36 **R2,000** Excl. VAT

PRO55 **R2,500** Excl. VAT

CHAINSAWS

INDUSTRIAL:



32 cc.....**R 3,000** Excl. VAT

42.4 cc...**R 4,300** Excl. VAT

50 cc.....**R 6,000** Excl. VAT

61 cc 21"**R 7,000** Excl. VAT

61 cc 24"**R 7,250** Excl. VAT

72.6 cc...**R 8,500** Excl. VAT

78.5 cc...**R 9,500** Excl. VAT

SEMI-INDUSTRIAL:

TANAKA

51.2 cc **R3,250** Excl. VAT

72.2 cc **R6,500** Excl. VAT

LAWN MOWERS

SEMI-INDUSTRIAL:

Stillette

18" Walk
behind
Mower

2200 W Electric Mower

R2,400 Excl. VAT

3000 W Electric Mower

R2,700 Excl. VAT

Briggs & Stratton 650 I/C Engine

R2,975 Excl. VAT

Maruyama MT110, 128 cc,
2-Stroke Engine

R3,700 Excl. VAT

Stillette PRO

18" Walk
Behind Mower



Briggs & Stratton 450 Engine

R3,975 Excl. VAT

Kohler XT775 4.5 hp Engine

R4,725 Excl. VAT

**CONTRACTORS/
GARDEN SERVICES**

TURBOMOW

19" Walk
behind
Mower



2.6 kW Electric Motor

R4,850 Excl. VAT

Briggs & Stratton 650 I/C, 190 cc

R5,500 Excl. VAT

Maruyama MT110, 128 cc,
2-Stroke Engine

R5,750 Excl. VAT

Kohler XT775, 173 cc, 4-Stroke

R6,500 Excl. VAT

Kawasaki FJ180V, 4-Stroke

R6,750 Excl. VAT

BLOWERS



SEMI-INDUSTRIAL:

TANAKA

25.4 cc Hand Held Blower

R2,100 Excl. VAT

25.4 cc Hand Held Blower
with Vacuum Bag

R2,250 Excl. VAT

51.7 cc **Backpack Blower**

R3,900 Excl. VAT

63.3 cc **Backpack Blower**

R4,200 Excl. VAT

82.4 cc **Backpack Blower**

R4,750 Excl. VAT

INDUSTRIAL:

MARUYAMA

41.5 cc Hand held Blower

R4,500 Excl. VAT

64.7 cc **Backpack Blower**

R9,500 Excl. VAT

GO LINE 30

Marking Machine

Incl. Battery, Charger
& Front Marker

R13,195

Excl. VAT



Spray Machine

Incl. Battery Charger

R11,750 Excl. VAT

Optional Extras:

Athletic Marker - **R2,960**

Front Marker - **R490**

Side Marking Ext. Kit - **R95**

Spray Boom - **R1,810**

Marking Liquid

10 Liter White - **R345**

10 Liter Black - **R380**

10 Liter Blue - **R362**

10 Liter Green - **R363**

1 Liter Poison - **R190**

Prices Excl. VAT

PRICES ARE PER UNIT, EXCL. DELIVERY & EXCL. VAT. VALID FOR COD PURCHASES ONLY. WHILE STOCKS LAST. MODELS AVAILABLE MAY DIFFER FROM ILLUSTRATIONS. E&EO

"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

Email: info@turfmaster.co.za

Prices may differ at branches due to transport cost.

Branches:

BELLVILLE: 021 945 4106 **CENTURION:** 012 653 8342 **DURBAN:** 031 701 8233 **NELSPRUIT:** 013 752 8486 **PORT ELIZABETH:** 041 581 8443 **ROODEPOORT:** 076 921 5469 **STRAND:** 021 850 8557 **Opening soon:** Sabie & Lydenburg

MORE THAN 30,000 SPARE PARTS AVAILABLE ON ALL TOP BRANDS!



HORIZONTAL ENGINES



183 cc Petrol 4-Stroke R183

R2,695 Excl. VAT

5 hp Petrol 175Y Engine

R2,000 Excl. VAT

458 cc Diesel 4-Stroke

R9,855 Excl. VAT

458 cc Diesel Elec. Start 4-Str.

R10,755 Excl. VAT

HONDA ENGINES

GX160 H1 LX 163 cc 2:1

Reduction Engine (Mixer/Pump)

R4,105 Excl. VAT

GX390 H1 PX 389 cc

1" Threaded Shaft (Pump)

R6,408 Excl. VAT

GX390 H1 VX1 Tapered Shaft

(Generator) R5,985 Excl. VAT



FJ180D 5.5 hp 22.2 mm shaft

R5,500 Excl. VAT



205 cc VANGUARD (Generator)

Taper Shaft R3,260 Excl. VAT

2100 Series 420 cc (Generator)

Taper Shaft R4,100 Excl. VAT



CH270 208 cc 7 hp, Taper Shaft

R3,740 Excl. VAT

CH440 429 cc, Taper shaft,

Recoil R7,035 Excl. VAT



EX-17D-U 6 hp, 3/4" shaft, gen.

purp. std. par. R4,040 Excl. VAT

EX-27D-OILSENSO 9 hp, 4.5 KVA

Generator R6,373 Excl. VAT



MZ175-A2C 5.5 hp, 19 mm shaft,

Parallel keyed R3,853 Excl. VAT

MZ360-A2C 12 hp, 25.4 mm shaft

R6,428 Excl. VAT

VERTICAL ENGINES



TANAKA

121.5 cc 2-Stroke Air Cooled

R3,015 Excl. VAT



128 cc 2-Stroke MT110 Big Bore

R4,455 Excl. VAT



FJ180V 179 cc 4-Stroke,

20 mm Shaft R3,300 Excl. VAT

FR541V 603 cc 4-Stroke

80 mm shaft R13,250 Excl. VAT



450E OHV Series 125 cc Straight

Shaft R1,640 Excl. VAT

650 I/C Series 190 cc Straight

Shaft R1,730 Excl. VAT

850E I/C Series 190 cc Straight

Shaft R2,099 Excl. VAT

Series 3 Power Built 344 cc

Rewind Starter R4,135 Excl. VAT



GXV160 H2 N6 163 cc

22 mm Lawnmower Engine

R3,835 Excl. VAT

GXV390 UT1 DN4 389 cc

25.4 mm Lawnmower Engine

R8,047 Excl. VAT



XT675 149 cc Walk Behind Engine

R2,327 Excl. VAT

XT75 173 cc Walk Behind Engine

R2,460 Excl. VAT



EA190-V70170

4.5 kW, 6 hp, Vertical Shaft

Lawnmower Engine

R2,530 Excl. VAT



MZ190V OHV 5.5 hp (4.2 kW),

Vertical Shaft direct drive

lawnmower engine

R2,635 Excl. VAT

BRUSH CUTTER REPLACEMENT ENGINES

Power Pro Engines for Replacing Stihl Brush Cutter Engines

30 cc, 36 cc & 40 cc **R1,450**



32.7 cc -

R1,165,

51.7 cc -

R1,395



43 cc -

R2,340

ALL PRICES

EXCLUDING VAT



41.5 cc -

R3,550,

50.2 cc -

R3,750



45.4 cc -

R3,200,

53.2 cc -

R3,750

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	R1,450.00
1050	R2,500.00
1050 High Speed	R2,500.00

RIDE-ON MOWERS REPLACEMENT BLADES

OEM NUMBER	OUR PART NO/PIC.	DESCRIPTION	PRICE EXCL. VAT
942 0473A (6006K)		MTD 38" BLADE	R156
1-9515 (1098K)		SNAPPER 28" BLADE	R140
793802 (11810K)		HUSTLER 36" BLADE	R135
134148, 139774 (6190K)		HUSQVARNA & WEEDEATER 38" BLADE	R100
917-127843, -138498		HUSQVARNA 42" BLADE	R212

LAWNMOWER BLADES

PART No	DESCRIPTION	Price Excl. VAT
06004	Rolux 2 mm	R39
06008	Wolf 450 mm	R51
06012	Tandem	R51
06035	Southern Cross Turbo	R7.90
06040	Southern Cross 18"	R52.35
06043	Southern Cross Hi Lift 16"	R46.85
06050	Rolux Ninja	R10.90
06053	Mirage	R13.10
06059	Mirage P60	R11.55
06072	Wolf Cyclone	R67.80
06075	Professional Coaster	R7.90
06090	Alpha	R13.50
29263	Tandem Hi Lift	R6.70
29306	Professional	R8.55

FALCON

PART No	DESCRIPTION	Price Excl. VAT
H1460	Blade 8 x 90 x 465	R92.75
M51963	Blade Bolt	R9.10
M61920	Nylock Nut for FAL-M51963	R4.95
M52275	Special Blade Bolt, Falcon	R31.90

Visit our Blogspot for price lists, specials, parts book, parts list, etc.

turfmasternigel.blogspot.com

PRICES ARE PER UNIT, EXCL. DELIVERY & EXCL. VAT. VALID FOR COD PURCHASES ONLY. WHILE STOCKS LAST. MODELS AVAILABLE MAY DIFFER FROM ILLUSTRATIONS. E&EO

KRAGDAG 2016



Reef Chainsaw Centre's two Pretoria branches put together an impressive stand of Husqvarna machines.



Left: Aqua-Earth Consulting

Now held with the support of Afrikaner worker's organisation Solidariteit, the annual Kragdag show ("doen jou eie ding") at Donkerhoek continues to grow.

This year, particularly noticeable were the large number of vendors of, specifically, solar electricity equipment.

Solidariteit lays great emphasis on education, and a number of exhibitors attended from this sector, including private academies with Christian leanings and vendors of home-schooling courses.

Home crafts of all kinds, clothing and collectables were also available, with food and drink in abundance.

The three-day event also featured a programme of lectures and seminars and other entertainments.

Pictured are some of the Smallholder's regular advertisers who participated.



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



The Kragdag show is attracting an increasingly-large crowd, both of exhibitors and visitors, each year

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 **R630.00**
3 000mm wide x 2 000mm high **R679.00**

Cold formed palisade palings

40mm x 40mm	30mm x 30mm
1 200mm R20.53	1 200mm R16.20
1 500mm R25.66	1 500mm R20.25
1 800mm R30.80	1 800mm R23.33
2 000mm R34.22	2 000mm R25.92

3 or 7 spike available

CF PALISADE GATES

Includes wheels and tracks
1 800mm R760/m
2 000mm R785/m

76 x 76 Square Posts
2 400mm R149.00
3 000mm R204.00
Includes welded cap

Cold formed palisade panels

30 x 30 section
19 palings per panel

3 000mm wide x 1 800mm high **R570.00**
3 000mm wide x 2 000mm high **R610.00**

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

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

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



Left: Hydro-Scapes of Equestria combined pumps with solar power



The Sun Pays of Cullinan was one of many companies punting solar energy



Left: Sonkrug Solar of Pretoria East with an impressive low-pressure solar geyser



Right: Connect-it demonstrated its unique fastening system.

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



DRILLING

Water • Exploration • Piling • Blasting



Nardus - 082 829 6016

Herman - 084 837 1533

Office - 082 854 5598

herman@torqueafrica.co.za

www.torqueafricaexploration.co.za

SEPTIC TANK PUMPING



0861 11 33 24

Authorised Permit Holders
in Ekurhuleni

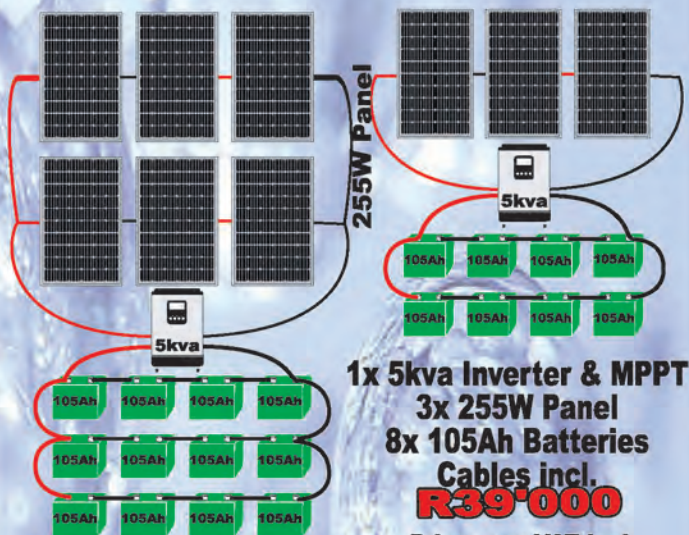
082 300 3996



SYSTEM FEEDER TANK, ELEMENT, THERMOSTAT & ANODE INCLUDED

- 100ℓ Low Pressure R3800**
10 tubes
- 200ℓ Low Pressure R6800**
20 tubes
- 260ℓ Low Pressure R7400**
26 tubes
- 260ℓ High Pressure R10900**
26 tubes

Installation can be arranged at approximately R4000



**1x 5kva Inverter & MPPT
6x 255W Panel
12x 105Ah Batteries
Cables incl.
R54'000**

Prices are VAT Incl



SONKRAG
SOLAR DISTRIBUTORS

Tel.: 012 8191081. 0828825145

25°40' 761"S, 028°19' 547"E • sonkragsolar@gmail.com • www.sonkragsolar.co.za

SOCIAL MEDIA



How social media can work for YOU

Forget for a moment the fact that humans with their smartphones are fast losing the ability to communicate verbally with one another (when last did you have a complete dinnertime conversation with your children without one of them clicking away on their phones?). Rather, consider the ways in which the various features of your phone and so-called social media could change the way you live your life, and do business, on your smallholding.

Already many communities have their own Facebook pages which they use for a variety of purposes. The Smallholder, even, has a Facebook page where visitors can ask for advice, or leave comments or links to items that interest them. We, as

publishers, in turn, use the page to notify readers of deadlines and developments as they occur, for example when a new edition has been published electronically to our website.

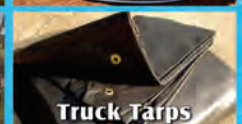
Down in Walkerville there are now a couple of active Facebook pages. One is dedicated to promoting businesses in the area, while another provides a useful on-line exchange mechanism for smallholders wishing to trade their excess produce.

Bapsfontein has a Facebook page to highlight driving conditions on the notoriously dangerous R25, as well as security concerns.

Gerhardtsville and Rhenosterspruit residents have a page dedicated to community affairs and

Continued on page 22

Dam Linings Damvoerings



**TATA MA TARPS
& LININGS**

072 279 3294
www.tatamatarps.co.za



**MESH
FOR BIRDS**

www.meshforbirds.co.za



Barry:
083 679 1317
aviary@mwweb.co.za
Adelle:
083 427 7101
sales@meshforbirds.co.za
Leon:
074 604 2024

GALVANISED MESH

AVAILABLE WIDTHS: 915mm
1220mm
1830mm

Galvanised AFTER welding

Block size in mm	Wire dia.	QTY
6.4mm x 6.4mm	0.7mm	30m roll / per metre
9.6mm x 9.6mm	0.9mm	30m roll / per metre
13mm x 13mm	1mm	30m roll / per metre
13mm x 13mm	1.6mm	30m roll / per metre
13mm x 25mm	1mm	30m roll / per metre
13mm x 25mm	1.25mm	30m roll / per metre
13mm x 25mm	1.5mm	30m roll / per metre
13mm x 25mm	1.6mm	30m roll / per metre
13mm x 25mm	2mm	30m roll / per metre
25mm x 25mm	1mm	30m roll / per metre
25mm x 25mm	1.5mm	30m roll / per metre
25mm x 25mm	1.6mm	30m roll / per metre
25mm x 25mm	2mm	30m roll / per metre
25mm x 25mm	2.5mm	30m roll / per metre
25mm x 25mm	3mm	30m roll / per metre
25mm x 50mm	1.5mm	30m roll / per metre
25mm x 50mm	1.6mm	30m roll / per metre
25mm x 50mm	2mm	30m roll / per metre

Galvanised BEFORE welding

Block size in mm	Wire dia.	QTY
25mm x 25mm	2.5	30m roll / per metre
25mm x 50mm	2.50	30m roll / per metre
25mm x 50mm	3.00	30m roll / per metre
50mm x 50mm	1.60	30m roll / per metre
50mm x 50mm	2.00	30m roll / per metre
50mm x 50mm	2.50	30m roll / per metre
50mm x 50mm	3.00	30m roll / per metre
50mm x 100mm	2.00	30m roll / per metre
50mm x 100mm	2.50	30m roll / per metre
100mm x 100mm	2.00	30m roll / per metre
100mm x 100mm	2.50	30m roll / per metre

Green Plastic Coated Mesh

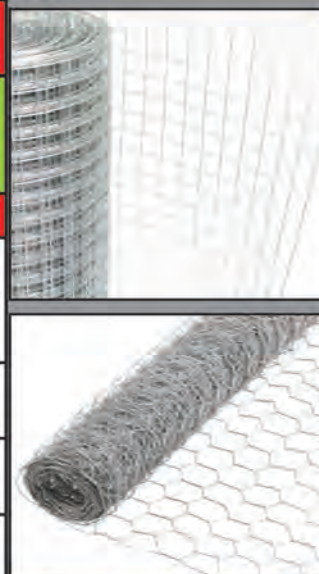
Block size in mm	Wire dia.	QTY
13mm x 13mm	1.25mm	30m roll / per metre
13mm x 25mm	1.25mm	30m roll / per metre

HEXAGONAL MESH

AVAILABLE WIDTHS: 915mm
1220mm
1830mm

Fully Galvanised BEFORE Weaving

	Block Size	Block Size	Block Size	Block Size	QTY
	13mm	25mm	75mm	90mm	
width available	900mm	900mm	900mm	900mm	50m roll / per metre
width available	1220mm	1220mm	1220mm	1220mm	50m roll / per metre
width available	1830mm	1830mm	1830mm	1830mm	50m roll / per metre



DIY

J CLIPS & PLIERS

Heavy duty clips	R 165.00
Heavy duty pliers	R 575.00
Light duty clips	R 165.00
Light duty pliers	R 175.00

HOG RINGS & PLIERS

A16 rings per 500	R 105.00
A16 pliers	R 650.00
A18 rings per 500	R 125.00
A18 pliers	R 650.00

GALVANISED SHEETS

0.9 X 1.8 X 0.4	R 140.00
1.2 X 2.4 X 0.4	R 315.00

ROUND TUBING

16mm x 1.6mm x 6m	R 60
19mm x 1.6mm x 6m	R 70
25mm x 1.6mm x 6m	R 80

BINDING WIRE

500g	R 40	5kg	R 195
2kg	R 95	50kg	R 1440

ARCH / PITCH ON LEGS

RABBIT HUTCHES



AVIARIES

SQUARE AVIARIES, ROUND AVIARIES



HEXAGON AVIARIES, OVAL AVIARIES



JOE CAGE

GRACE CAGE



SUSPENDED AVIARIES (AFRICAN GREYS)



FEEDING BOWLS AND COOP CUPS

Standard Feeding Bowls

200ml	11.5cm	R11
350ml	14cm	R15
700ml	16.5cm	R20
1600ml	21cm	R31



Coop cup with hanger hook

130ml	7.5cm	R15
290ml	9.5cm	R24
5250ml	12.5cm	R33
845ml	15cm	R45



Coop cup with nut clamp

130ml	7.5cm	R20
290ml	9.5cm	R28
5250ml	12.5cm	R35
845ml	15cm	R46



From page 20

security, and many towns now have community pages. One in Benoni is dedicated to the town's past, the Springs page celebrates the town's heritage and (as to be expected, perhaps?) Brakpan has a page solely for off-colour humour.

And there are now any number of pages carrying free buy-and-sell advertisements for secondhand goods, replacing the newspaper Classified pages (and even the classifieds in the Smallholder) of old.

Plus, of course, businesses (ours included) set up pages to promote their goods and services, sometimes just to establish a free presence on the internet, rather than paying for the development of a formal website.

These are just a small selection of the Facebook pages available to Gauteng's smallholders and residents and if you are not already a

member of a page, now is the time to explore Facebook and find out what's available and what suits your interests and needs covering your area.

And don't for a moment think

If you don't already have a Whatsapp group set up for your immediate family, do yourself a favour and form one. It's a free way to keep in touch.

that, just because you're not adolescent any more, Facebook isn't for you. Many, many middle-aged, even retired and elderly, people have found that being on Facebook has enabled them to communicate with long-lost friends and relatives who now, as a result of the South African diaspora, are spread all over the globe.

And don't be worried about security. How much you do on Facebook, and reveal of yourself, is up to you, although, to be sure, Facebook's back-office runs

some pretty impressive algorithms that "mine" information from your online activity and sends back to you suggestions for pages you might like, advertisements

you might be interested in, etc..

But it's not only Facebook that is making a difference in the lives of Gautengers. If you don't already have a Whatsapp group set up for your immediate family, do yourself a favour and form one. It's free, of course, apart from the cost of data transmission, and will enable you to instantly and privately communicate with your spouse, children and parents, even if only to check-in with them daily to see if they're safe and sound. This is also a

very useful and cheap way for parents to help children away at boarding school or university to combat homesickness. A daily message of support and love goes a long way to overcoming loneliness.

The community policing fora in some areas are also using Whatsapp as a way to instantly broadcast security and related messages to residents. These can include messages about lost or stray animals, road conditions, house break-ins and robberies, power outages, missing persons or other localised municipal matters.

As social media evolve, it's fair to assume that some will grow and others will fall out of favour and become redundant. At the same time, there are bound to be new platforms launched to meet changing needs and consumer interests, some real,

Continued on page 24



125BVx Blower
28.0 cc • 0.8 kW • 4.35 kg • Air speed 209 km/h

R 3 499 INCL VAT

Classic Gloves **2 Stroke Oil 1LT**

Purchase the 125BVx & receive your accessories FREE!

Rcc REEF CHAINSAW CENTRE
Your Outdoor Product Specialist

Pretoria West 26 Rose-Etta Street Pretoria West 012 327 6683 / 2779	East Rand 103 Rietfontein Road, Boksburg, East Rand 011 028 0752 / 027 9202
Johannesburg 120 Industrial Road Amalgam 011 839 3912 / 1535	West Rand 3 Frederick Cooper Road Krugersdorp 011 664 7924 / 8
Pretoria East 751 Jan Shoba Street Brooklyn 012 362 2017 / 1987	

TERMS & CONDITIONS: 1. Offer valid 1 - 31 July 2016 | 2. Valid while stocks last | 3. E&O/E




Husqvarna
READY WHEN YOU ARE


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



ANIMAL FEED, FODDER & BEDDING SPECIALISTS

PERFORMANCE, KNOWLEDGE AND SERVICE FOR PROFITABLE LIVESTOCK FARMING



MASTER 20, known as an excellent and versatile protein energy supplement, can be used for pregnant and lactating animals, as well as in the rearing of young animals on green pasture.



TROPHY BLOCK is an excellent high quality protein and energy block that is suitable for both ruminant and non-ruminant game species. It contains protein, energy, minerals and trace minerals that contribute to the maintenance of the animals' body weight, conception and horn growth.



MULTI BLOCK 28 is formulated to provide sufficient protein, energy, minerals and vitamin A to ensure maximum roughage intake and to increase calving and lambing percentages as well as guaranteed high weaning mass. It limits weight loss, thus increasing the re-conception rate.



MOLASSES MEAL is rich in easily digestible energy, certain B vitamins and minerals and is an ideal energy replacement for a part of the grain component in self mixed ruminant mixed concentrates, complete feeds and licks.



NOW AVAILABLE FROM MILMAC CALL NOW!

JULY CASH & COLLECT SPECIALS

Milmac 12% Cubes – **R224**

Milmac 12% Meal – **R228**

Alzu 12% Maize Free Meal – **R232**

Equus Train and Leisure 40kg – **R236**

Epel 40kg 12% Rider Cubes (V3670) – **R238.50**

Epel 40kg 12% Super Rider Meal (V18409) – **R238.50**

Epel 40kg Cool Cubes (V17734) – **R238.50**

Spurwing Maintenance 40kg – **R266**

Royal Maize Free Meal/Cubes – **R217**

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

Email orders to: 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



BEEKEEPING

Success depends on vigour of the queen

The success of a beekeeping venture is dictated by the value of a good queen as head of the colony. Failing queens spell disaster.

Some arithmetic by the Eastern Highveld Beekeepers' Association chairman Peter Clark to illustrate the ongoing value of good queens in your venture

Here are some numbers that illustrate the value of a good queen.

For our exercise, in our first year we start with 20 strong swarms headed by young one

year old queens. As an illustration, our apiary of 20 strong hives is in a cattle farming area somewhere on the Highveld, where we have a eucalyptus woodlot of 2 000 spring and summer flowering gum trees of a fair variety yielding good pollen and nectar for the bees. Each hive has been spring cleaned at the beginning of August. Spring cleaning is a beekeeping operation where from each hive the beekeeper has removed the two outer frames in the brood chamber and replaced these with two frames of full wax foundation in the centre of the brood nest by sliding the remaining eight frames, four on each side, outwards to make space. This relieves the brood area of congestion and prevents a

SOCIAL MEDIA

From page 22

some merely perceived in the eyes of the developers.

For there's no doubt that the smartphone and social media are changing the way humans live, think, and do business.

Many would say that some of this change is not good:

Witness the obsession of teenagers with their phones, their consequent lack of social interaction, the development of cyber-bullying etc.

But much of this change is beneficial, both personally and commercially. In Zambia, small beekeepers use their

cellphones to let each other, and honey-buyers, know of when they have produce available for sale, as well as to communicate problems, price changes etc.

The Walkerville produce-trading Facebook page is another example. If that page allows participants to trade their surplus produce efficiently and cost-effectively it will overcome the perennial problem that small growers have of getting rid of their excess, and getting paid for it. This, in turn, will lead to more smallholders feeling it possible

to start growing and participating in the farm economy.

Which will in turn generate a bit of extra income, and contribute to regional food security. And that's a good thing.

□ If you have a community-based social media presence that you would like published to possible new members, send us an email with the details and we will publish them on our Facebook page and in the magazine in future editions. Email gautengsmallholder@gmail.com.

Continued on page 25

R and R ENTERPRISE (Pty) Ltd

082 5610 443 - Hugo (Transport & Plant)

082 7444 191 - Maryna (Storage)

email: u-go@vodamail.co.za

fax: 086 505 4237

Call us for:

- Demolition
- Road Construction
- Clearing of Plots
- Site Clearing
- Factory Removals
- Civil Contracts
- Tree Felling
- Tree Transplants
- Machine & Container Moving
- Preparation of Horse Arenas, Sports Fields, etc.

Approved Operator Training
Ruan
082 3076 541

Containerised Storage - Secure
6m & 12m units

We Supply & Deliver:
River Sand
Stone & Quarry fill
Backfill, etc



BEEKEEPING

From page 24

swarm off of the queen. The gum nectar flow will be over four months, August, September, October and November, a total of 120 days, with the honey cropped in the first week of December. Each swarm will yield two super chambers of honey with an average of 20 kg per hive, for a total of 400 kg. The value of this honey at R60 per kilogram will be R24 000, or a yield of 165 grams of honey per day per hive.

In our second year, we utilise the same 20 swarms in the same area for the same duration of 120 days. But beekeepers are losing an average of 20% of their swarms yearly because of the natural swarm off of our African bees, so to our calculations we can estimate that four good second year queens will swarm off at the

beginning of September, leaving us with new young developing queens from the beginning of October. These hives will only be up to good strength by mid-November, but good for the

Don't miss next month's article on beekeeping which will cover how to keep up the strength of your apiary by replacing the queens

following spring and summer flow. The honey yield will be 20 days of November at 165 grams per day for the four hives, equalling 19 kg of honey.

The remaining 16 hives will have a lesser honey yield because of the ageing of the second year old queens.

The average yield per hive per day will be about 120 grams, a total from the 16 remaining hives being 240 kg for the 120 days. Therefore the total yield of the first

established apiary of 20 good strong hives, this second year will be 240 kg plus 19 kg. at R60 per kilogram, a total return of R15 540.

In our third year we are left with four good strong swarms

and 16 weak swarms because the queens of our first strong hives are now three years old and will only yield a poor return of about 80 grams per hive per day. 20% of these old queens will die, leaving 13 weak swarms and four good strong swarms from the previous year's swarm off. These remaining 13 weak swarms will yield an average of 80 grams of honey per day for 120 days. Our sums now read 80 grams per day for 120 days from 13 hives

equalling 125 kg, plus four hives at 165 grams per day for 120 days, equalling 80kg, giving a total at the end of the third year of 205 kg which at R60 per kg yields revenue of R12 300, nearly half of the R24 000 from the first year.

By year four these older swarms will all die off because the life span of a queen is three years.

This exercise illustrates the importance of keeping the apiary up to strength by replacing the queens, and next month's article will cover replacement of the queens. Article by Peter Clark at 011 362-2904, author of *Tales of an African Beekeeper* and chairman for 2016 of Eastern Highveld Beekeeper's Association, assisted by secretary Mike Alter at 011 965-6040.



AFRI-CA
IMPLEMENTS
BOTHAVILLE

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

Mealie Thresher

Tipping Trailer
6 ton capacity
Hydraulic rear tip

Diesel Tank Trailer

**Petrol or diesel driven
Belt drive
Cap 2-2,5 tons/hr**

**Used Tractors
Also Available**

**Call Pieter
056 515 4380
piet7@africaimplements.co.za**

Visit our website: africaimplements.co.za

WaterMan
Drilling & Pumps

Find us on: **facebook**

- 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

Quantum Feeds



Supplier of QUALITY:

- Eragrostis

A-grade & B-grade

Round & Square bales

- Teff

A-grade & B-grade

Round & Square bales

*Delivery available in
Benoni, Boschkop
and surrounding areas*

Tian Botha

082 784 8804

quantumfeeds5@gmail.com

Portion 35 Kameelzynkraal, Bronkhorstspuit



STIHL®



MS 170
Petrol Chainsaw
1.3 kW • 30.1 cc



MSE 170 C-BQ
Electric Chainsaw
1.7 kW • 4.3 kg



MSA 160 C-BQ
Cordless Chainsaw
36 V • 3.2 kg



BG 86
Petrol Blower
0.8 kW • 27.2 cc
Max 85 m/s

BGE 71
Electric Blower
1.1 kW • 230 V
Max 66 m/s



BGA 100
Cordless Blower
36 V • Max 63 m/s



FSE 60
Electric Trimmer
0.54 kW • 3.9 kg



FS 38
Petrol Trimmer
0.65 kW • 27.2 cc



FSA 90
Cordless Brushcutter
36 V • 3.2 kg
Comes standard with a grass cutting blade

E & OE.

Visit a **STIHL**® dealer in your area:

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 • **NORTHCLIFF:** Hypermower & Garden Centre 011 888 1256/7

STIHL®



Experience the power of Cordless

Farmers and home-users worldwide have come to trust in the quality, durability and performance of STIHL petrol and electric products. Now they can experience this same world-class STIHL performance with the added convenience and versatility of battery technology. No need for fuel, no need for power points and cables, with zero emissions and reduced noise levels. Feel the power!

HSA 25 Cordless Hedge Shears

Set includes shrub blade, grass blade, 10.8 V battery and charger in a carry bag.



ASA 85

Cordless Pruning Shears
With adjustable blade opening and ergonomic carrying system.
Max. cutting diameter 45 mm

HSA 86

Pick up and go versatility, weighing just 3.3 kg (without battery).



MSA 200 C-BQ

Cordless Chainsaw
With the specially developed STIHL ¼" PM3 saw chain for outstanding cutting performance.

TSA 230

Cordless Cut-off Machine
The world's first battery-powered cut-off machine with a 230 mm cutting wheel.



FSA 85

Cordless Brushcutter
Only 2.8 kg (without battery)



E & OE.

• **OAKDENE:** Glen Mowers 011 436 2220 • **PRETORIA:** Grassnyer Kliniek 012 323 1833; Mowtown Lawnmowers 012 323 2053; Nico's Mowers 012 548 4422 • **PRETORIA EAST:** Lawnmower Legends 012 997 0464/8 • **PRETORIA NORTH:** Chainsaw Mecca 012 546 5993 • **RANDBURG:** Loxton's Mower and Garden Centre 011 793 6826 • **RANDFONTEIN:** Polomino Lawnmowers 011 412 7110 • **SANDTON:** Livingstones Garden & Home 011 802 4822 • **SPRINGS:** Mr Lawnmower & Pool 011 811 6364 • **VEREENIGING:** TL Lawnmowers Services 016 455 2556; Ziki's Outdoor Power Solution 016 422 4502 • **WYNBERG:** Mfangano Solutions 011 440 2072

Debunking some myths

The *Smallholder* has received reports of an unusually high number of snake sightings on plots this winter.

Snakes do not actually hibernate in the winter. What they do is they brumate, which is a process in which they burrow underground and slow down their

metabolic processes until the temperature warms up. It is a common misconception that snakes hibernate and many snakes can be seen on a warm day, basking in the sun, even in midwinter.

The *Smallholder* encourages plot dwellers not to kill snakes unless it is absolutely unavoidable. They have, after all, a

valuable place in your plot's ecosystem as they devour vermin such as rats and mice. Far better than killing them is to catch them, bag them and hand them over to a registered herpetologist or snake remover for humane release.

To do this safely you will need a snake tong and a snake bag, available from Snake Alert in Pretoria, tel 082 573-0710.)

There is a misconception that snakes do not like living on smallholdings where there are horses, because of the vibrations carried through the soil caused by the heavy horses' hooves as they trot and canter around the plot. According to Mike Perry of African Reptiles & Venom, snakes are not too perturbed by the presence of horses. "Snakes are sensitive to

ground vibrations but can also get used to ground vibrations, like a diesel generator, which causes vibrations, but may soon become a place of refuge as the snakes may hide under a generator because it is warm and dry there."

Also your stock of horse feed will attract rodents, which in turn attracts snakes.

He goes on to point out that

Continued on page 29



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

Quality Agricultural Equipment & Spares

MATAHI
GOLFPO

PTOs, Components & Spares

Slasher Gearboxes

Blades, Skids & Bolts

NEW!

REAPERS AGRI

TOUGH AS NAILS AGRICULTURAL EQUIPMENT

MADE FOR THE TOUGH AFRICAN BUSH

WORKSHOP NOW OPEN

We REPAIR:
Tractors
Implements
Mowers
Chainsaws
Brushcutters
etc, etc

Landini

McCORMICK

MONOSEM

MAJOR
WWW.MAJOR-EQUIPMENT.COM

FUCHS

PIOMI-SPRAYER

PIOMI-MOWER

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

www.reapersagri.co.za

SNAKES

From page 29

finding rinkhals during the winter is quite normal, as they do come out to bask during a winter day.

"The next thing to remember is, because the sun is not as intense as it is in the summer, these snakes need to spend a much longer time basking, usually from 1000 to 1500 hrs. This leads to them being exposed to the view of the plot owners, thus they are being seen more often. They were there during summer but they were just not so exposed because they needed a short basking period to get to an ideal operating temperature, and then they move into shade or undergrowth."

The most common snake that occurs around Johannesburg

is the Rinkhals (*Hemachatus haemachatus*), a elapid (poisonous) snake closely

The most common snake found around Johannesburg is the rinkhals, which is closely related to the true cobras and which can rear up and spit its venom

related to the true cobras and a snake that can rear up like a cobra and "spit" its venom at its attacker.

Perry also reminds us that rinkhals do not feature in bites to people. "Dogs get bitten by rinkhals but that is because dogs will attack the snake when they find it in the garden, and the rinkhals will retaliate to defend itself from the attack by the dogs. If the dogs did not attack the rinkhals there would be no dogs getting bitten by these

snakes."

If you are not up to catching snakes yourself, Perry is one

of many herpetologists in Gauteng who carry out reptile removals. "All reptiles are caught under the permit system that is in place in Gauteng. The permit allows the capture and removal of reptiles that have made their appearance in domestic gardens or commercial businesses. These reptiles can be kept, made available to other member of herpetological associations or released back into the wild, 20 km away from where it

was caught and into the same kind of habitat."

Monitor lizards also turn up in people's gardens, and these are normally released, again at the nearest river.

African Reptiles & Venom also offer various courses in snake awareness, snake identification and dealing with snakebites. For more

Continued on page 30

Snake Catcher
Protect family, pets, poultry & livestock
Catch a snake safely
1m rust-free snake tong*
For only **R795-00**
Including free trackable postage to any PO in SA
*Snake hooks & snake bags also available
Ralph 082 573 0710
snakealert@global.co.za
www.snakealert.co.za

 45cm BAR HEDGE TRIMMER STIHL HS45 27.2CC R2800.00 Excl VAT STIHL	 BRUSHCUTTER STIHL FS250 40.2CC R5399.00 Excl VAT STIHL	 37cm BAR CHAINSAW STIHL MS310 59CC R5765.00 Excl VAT STIHL
---	---	---

GREEN'S INDUSTRIAL SUPPLIES

Sales, service and repairs. **Authorised STIHL dealer.**

Tel: 011 614 0295/6

CARPORTS FARM/GAME FENCE FACTORY PARTITION FENCE RAZOR WIRE ELECTRIC FENCE BETA FENCE

MANUFACTURERS & SUPPLIERS OF FLATWRAP & BTC

SINOVILLE
FENCING
EVERYTHING IN FENCING, EVERYTHING IN SECURITY

STAIRCASES
STEEL STRUCTURES
IN/EXTERIOR SECURITY GATES
SITE / TEMPORARY FENCING
WIRE AND DIAMOND MESH
GATE & GARAGE AUTOMATION
PALISADE FENCING & POOL FENCING

OVER 40 YEARS IN BUSINESS

0861 FENCING
3362464

082 826 4664 / 082 780 9852

ROSSLYN: Tel: 012 542 4780 leatitia@sinovillefencing.co.za

www.sinovillefencing.co.za

ALL INSTALLATIONS DONE BY OUR NETWORK OF APPROVED CONTRACTORS. Open Sat: 08:00 - 12:00

ALL OUR PRODUCTS AND INSTALLATIONS CARRY A 12 MONTH GUARANTEE !

ANIMAL TRACTION

Eco-friendly option of value on plots

The use of animal traction over mechanised traction by smallholders holds many advantages. Animal traction

refers to the use of animals to carry out a variety of tasks, such as:

☐ Ploughing, harrowing, planting, ridging, weeding,

mowing and harvesting,

☐ Pulling carts and carrying loads,

☐ Driving water-pumps and pulling water from wells,

☐ Carrying building materials, earth moving, and,

☐ Mixing materials and providing power for threshing

Continued on page 31

SNAKES

From page 29
information call 083 448-8854.

There are measures that you can take to discourage snakes from taking up residence on your smallholding.

Start by removing anything that might provide shelter or food for snakes. Keep the grass around your house well mown, as long grass is a favoured habitat of snakes. Also keep shrubs trimmed round their base and ensure that tree branches do not overhang your house or seating areas in your garden. Make sure that there are no holes in your roof that snakes

can get through - particularly if trees overhang your house. Ensure skirting boards do not have gaps under or behind them. Seal all holes where wiring, plumbing or gas enters your home. Cover gutters and drain pipes with fine gauge mesh.

Regularly sweep up leaves and other garden debris. Fill gaps, cracks and crevices in brick and stone walls.

Wooden decking in seating areas should be solid, rather than slatted, to prevent snakes climbing through it. Be aware that play areas such as wendy houses, tree houses, sand pits etc might be

appealing to snakes.

Stack your wood on a suitable platform - such as a pallet - off the ground. Try to avoid piles of building rubble near your house or sheds. Compost heaps could potentially attract many different species of wildlife which, in turn, may become the prey of a snake, so make you heap far from the house or enclose it with a wall.

There are commercially marketed repellents for snakes. There is no confirmation that any effective product exists to repel snakes humanely. Some people suggest using moth balls,

which do not harm the snakes but still deter them from coming inside.

However, moth balls can also be hazardous to children, pets and domestic animals. Johan Marais of African Snakebite Institute maintains that the only effective solution to keep snakes off your property is to cordon off the entire property with fine shade cloth. It has to be about a metre high and dug into the ground (about 30 cm deep), although given the average length of a plot boundary this could prove expensive.

IBR and Corrugated Roof Sheeting

Special on 0.5mm, Full Hard, Z275 Galvanised Steel R55/m excluding VAT

Sheeting available in Galvanised, Chromadek and Pro Lok in all profiles

Phone us for a quote today!
*Minimum orders apply

IBCRR INDUSTRIAL

10 Bentonite Street, Alrode, Alberton

Simoné 076 185 6874
simone@ibcorr.co.za

Marius 082 487 9412
marius@ibcorr.co.za

Self-Tipping Bin for Forklift or on Trailer

Uses include

- Recycling
- Rubble Removal
- Building Material
- Farming (Animal Feed)
- Cleaning Stables

1 cubic metre loading capacity

For more information contact Franco on 082 389 9178

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

ANIMAL TRACTION



Donkeys are a common sight through Egypt, this one pulling a cart on the streets of Cairo. They are often the family's only means of transport. From page 30

machines and grain mills.

The benefits of using cattle, donkeys, mules or horses in this way are economic and environmental.

Draught animals are more cost effective to run than tractors, particularly for those who only use their tractors for a limited number of hours a year (ie, the typical Gauteng smallholder). For one shouldn't think in terms of the area of land that a smallholder works with his tractor, but rather the number of useful hours work that it does per year.

Costs per hour for tractors of various sizes have been determined by researchers based on 1 000 hours of useful work per annum.

These figures are often used to determine the rates to charge for small scale farmers who do perhaps 250 hours of useful work with their tractor per annum and where the cost

per hour under such conditions might be as much as three to four times that of the tractor doing 1 000 hours per annum.

Buying a tractor is costly, even for a second-hand machine. And, particularly for older second-hand machines, the cost of down-time awaiting spares (and the scarcity of some spares) is a factor to be born in mind (and you can bet your bottom dollar that, if your tractor is going to break down, it will happen just at a time of year when it is crucially needed).

Some smallholders hire a tractor, but then they are not always able to do so when they actually need it.

Using an animal for ploughing, etc, means less impact on the soil. Tractors wheels cause compaction of the soil.

Animals, by contrast, cause less compaction and actually

Continued on page 33



A pony being used for grain threshing

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!**

July Specials:

- | | |
|---|-----------|
| • APM37 Peripheral Pump 0.37kW 220V | R845-00 |
| • AJM75W Self Priming Jet Pump 0.75kW 220V with Pump Controller | R2 400-00 |
| • JTP-5800 Pond Pump 220V 38W 5800L/h | R1 675-00 |
| • WWB-06208 Bilge Pump 12V 2000GPH | R995-00 |
| • SFDPI-016-10034 Diaphragm Pump 12V 6.0L/m | R2 000-30 |
- Prices include VAT



New Tanks now in stock!

Call us now for a quote on your GARDEN IRRIGATION

We also Repair!!



RAP/TECH



Grüppe



LEO

011 660 7824

TECHNOLOGIES

manti

sales@amanti.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

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 **CALIGNANI**
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**

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



**20 litre
210 litre**

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

ANIMAL TRACTION

From page 31

contribute to the improvement of the soil through their manure. (The manure can also be used to make a seed-free manure "tea").

Tractors also contribute to air pollution (although to be fair, animals, through their rear-end emissions, also contribute to greenhouse gases).

Some small scale farmers actually use both tractors and animal traction in a complementary way. The tractors are used for the heavy work that

would normally take a long time with draught animals, while the animals are used for activities which they can complete in a relatively short time at a considerably reduced operating cost. Animals kept for draught purposes can be easily trained if the correct procedures are followed. Animals to be trained should be properly selected and should not be younger than two years.



The ancient skill of driving oxen is being preserved by certain heritage-conscious farms in South Africa



In many countries, notably in the Far East, but also Egypt, buffalo are favoured over oxen for cultivation.

There are some challenges when it comes to using draught animals, however. Not many people know how to go about using animals for these purposes and there is no doubt that the traditional knowledge of using draught animals and driving is being lost.

There is a lack of training in animal traction skills, both of potential agriculturalists and extension officers, and very little current research seems to be taking place. Much more emphasis was placed on the development of

animal traction in the decades leading up to the present century than is currently happening and many speculate that the idea of animal traction has fallen out of favour politically, being seen as "backward".

This is particularly true among young people, and needs to be overcome for the benefits to be recognised. To keep draught animals, smallholders need to have sufficient grazing, or they must be prepared to buy in fodder and concentrates, or

Continued on page 34

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

We Deliver

IDEAL FOR:

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



PLEASE CONTACT

PAUL 084 652 8310

info@4eversheeting.co.za
www.4eversheeting.co.za



Het jou selfoon in 'n skelfoon verander?

Vloek jy meer vir jou selfoon as wat jy op hom praat omdat daar nie sein is nie?
Linkworld se selfoonseinversterkers sal jou in staat stel om in kontak te bly met die wêreld en jou besigheid dag en nag. Met installeerders regoor Suid-Afrika en volle herstel en naverkope-diens kan jy jou stem dik maak en seker wees almal sal jou hoor, maak nie saak waar jy is nie.

+27 (0) 12 663 5515/71 (direk)
+27 (0) 12 663 4331 (skakelbord)
www.linkworld.co.za



ANIMAL TRACTION

From page 33

to plant feed crops.

One has to be able to ensure that the animals are safe at night, as stock theft is widespread

Animal-drawn implements are readily available, although there is a need for smaller light weight implements that can be managed by women and pulled by fewer animals. And, research and innovation could help to modernise animal-drawn implements, carts etc, to incorporate modern technology such as solar panels to enable the greater use in rural areas of cellphone technology and the like.

Harness and tack is not always readily available, however, and in the case of donkey harness can be unreasonably expensive. Smallholders have been known to adapt small horse tack, which is not always in the best interest of the donkey.

Oxen harnessing is by means of the traditional yoke, skeis, riems and strops.

Horses, donkeys and mules are normally harnessed using the breast type harness with breaching, all of which is

made out of either leather or webbing.

Animals should be chosen according to the type of work to be performed, the local environment, socio-economic conditions and the availability of local animals. Indigenous breeds tend to be well adapted to the local climate, feed availability, diseases and to traditional management systems.

Cattle are still widely used in South Africa for cultivation purposes. Oxen are favoured but cows and bulls will also

be used depending on what animals are available to the family. These animals are large for most smallholdings, however. Cattle are also powerful and less tolerant of mishandling, so one really needs to know what one is doing.

Donkeys are better suited to work on small areas of cultivation. Most of them have calm temperaments and they are hardy beasts. They are relatively small, which means that women and even children can use them for a variety of tasks such as ploughing, transporting water and firewood, and for riding.



Internationally, US brewer Budweiser uses Clydesdale horses to promote its brand.

JLB GAS INSTALLATIONS

- GAS WATER HEATERS
- PLUMBING
- FIRE PLACES
- BRAAIS
- STOVES
- HOBS

Registered LP Gas Installer

JAN-ELLIS 082 739 2548
JAN-ELLIS (jnr) 072 273 4844
BRUCE 072 635 8820
jlbgas.installations@gmail.com

Captain Beefheart
PETS FOOD
 PURE FROZEN MINCE
 CHICKEN & BEEF

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



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

Now in Bela Bela (Warmbaths)

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

e-mail: scarabwater@gmail.com

Web: www.scarabsa.co.za

Have you hugged your water today?



8 Third Street Delmas

www.mnani.co.za

www.tuffy-agri.co.za



TEL 013 665 3054

TEL 013 665 2800

076 560 9856

gert@mnani.co.za

sales@mnani.co.za

workshop@mnani.co.za

accounts@mnani.co.za

HAMMERMILL



AVAILABLE IN PETROL
AND ELECTRIC

R10 000,00 EXCL VAT

DORSMASJEN



AVAILABLE IN
ELECTRIC

R5000,00 EXCL VAT

HAMMERMILL



AVAILABLE IN PETROL
R15 000,00 EXCL VAT

TUFFY DISC HARROW



AVAILABLE FROM
12 DISC TO 22 DISC

TUFFY DISC PLOUGH



AVAILABLE IN 2,3 AND 4 DISC



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, CHAINS

IMPLEMENT PINS, TOP LINKS

SLASHER & HAYCUTTER BLADES

COME VISIT OUR NEW WEBSITE

www.tuffy-agri.co.za

ANIMAL BEHAVIOUR

When your pooch chews its poo

Any dog owner who has watched a mother dog with her puppies will have seen that she licks them to encourage elimination and then she licks up the resultant faecal matter. This is instinctual and completely normal. A mother with pups is wired to keep her den clean so as not to attract predators with scent cues. However there are some adult dogs that eat their own or other dogs' droppings and

Disgust Alert: The following article may revolt sensitive readers. But then again you may be the unfortunate owner of a pet that eats its faeces.

there are various theories about why they do this. There may be health problems, such as parasites, diets deficient in nutrients and calories, malabsorption syndromes or ailments such as diabetes, Cushing's, thyroid disease, and other conditions that might cause an increase

in appetite. So it is always a good idea to get your dog checked out prior to starting any treatment for coprophagia, which is what this delightful habit is called. Other theories state that the habit arises out of some kind of environmental stress or behavioural triggers, such as being kept in isolation or spending too much time confined in small spaces. Sometimes dogs feel neglected and they soon work out that eating poo is a sure-fire way to get the attention of their owner, even if it is negative attention. Some dog owners have seen

improvements with a handful of strategies, including:
☐ Vitamin supplementation. There's been a long-standing theory that dogs eat faeces because they are missing something in their diets. Vitamin-B deficiency, in particular, has been a prime suspect, and studies have backed this up.
☐ Enzyme supplementation.

Continued on page 39

Dog Food • Animal Feeds • Bird Seeds • Popcorn • Shavings

PET
SUPREMACY MADE FOR YOUR PET

TipTop
Top Food For Your Top Dog

BOW WOW

Montego CLASSIC
The South African

MAIZE 2000 MEYERTON
016 362 1962
078 869 0313
(opp Vegieland)
Boet Kruger Street

HI PERFORMANCE FEEDS AGENT

Maize Feed & Seed
x **Dog Food** **AVI-PLUS**

HI 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**



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

OPEN FOR BUSINESS

Starting a profitable plot-based venture

For many smallholders the only way they can afford their properties is to run one, or more, businesses from their homes. While the choice of business should, therefore, comply with the relevant by-laws

applicable in that area, and should not harm the environment or annoy the neighbours, there are still various factors to consider when deciding on what business to start on your plot. Location, facilities, budget

and interest are some of the factors which will determine what money-making activity will thrive on a smallholding. ☐ Location: Where your plot is situated in relation to towns, roads, developments and other settlements could

hold the key to the correct choice of activity. How far you are from your markets must influence your choice of enterprise, for transport costs can be the maker or breaker of a new venture.

Continued on page 38

COPROPHAGIA

From page 36

The modern canine diet is higher in carbohydrates and lower in meat-based proteins and fats than the canine ancestral diet. Some people have had success with a meat tenderiser that contains papain, an enzyme.

☐ Taste-aversion products. The theory is that certain tastes and smells are as disgusting to dogs as the idea of stool eating is to humans and that spraying certain substances on poop will make it less appealing. Many of these products contain

monosodium glutamate, chamomile, pepper-plant derivatives, yucca, garlic, and parsley.

There is also much we can do to maintain an environment where the habit does not arise. Keep the dog's living area clean, including the yard, so there will be no stools for him to pick up. This applies particularly when there are a number of dogs in the household. If you take your dog for walks ~ as you should, even if it is only around your plot ~ take the

poop scoop with you and pick up after him immediately.

Training the dog to obey commands such as "leave it" and "come" will also help. Some animal behaviourists recommend training the dog to come to you for a treat once it has eliminated.

We should not lose sight of the fact that dogs evolved as scavengers, eating whatever they found on the ground or in the wild, so their ideas of haute cuisine is somewhat different from ours.

NEW!!



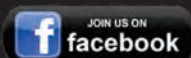
Meat Saw & Sausage Maker

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

Contact us for a NO OBLIGATION QUOTE on 082 515 1655 / 012 734 0915



WWW. **The Sun Pays**.co.za



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

5L Auxiliary Tank R489.00

...23 Other Models on:

www.TheSunPays.co.za

INVERTERS

4kW/5kVa Pure Sine Wave
Inverter with 60Amp MPPT
from R12 195.00

Stackable Single Phase 16kW

Stackable 3 Phase 24kW
Data Logging & Control by Computer

12V 170Amp Hour Battery R4 495.00

Solar Panels R11.18 per WATT



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



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

OPEN FOR BUSINESS

From page 37

In one respect plot owners in Gauteng are blessed when compared with smallholders and farmers in other provinces. Firstly, should you wish to enter the export field, producing cut flowers, mini vegetables or herbs, for example, you have on your doorstep sub-Saharan Africa's busiest international airport, with daily flights to any market you may wish to serve on our continent or overseas. But if exports seem a bit daunting there is a large urban market at your doorstep. According to economists' figures the Johannesburg market is under-served by the agricultural sector of Gauteng. Your plot's position on a main road might allow you to open a farm stall or its position in relation to townships or informal settlements may also mean that you have a source of labour as well as a possible market.

Most important is to inform yourself about the laws and regulations that govern your chosen activity.

Even in a small province such as Gauteng, where you are situated will make a difference to your climate, which will dictate the kind of horticulture that can be undertaken successfully.

☐ **Resources and Facilities:** What your plot comprises, in terms of topography, geology and development will also dictate what you can successfully do upon it. The number, size and type of buildings on your plot will also make a difference. A plot with a large barn or stable blocks will be suited to a different form of income generation from one with small cottages dotted on it.

☐ **Budget:** Some say a plot is a bottomless pit into which you throw money and, certainly, developing any enterprise on one's plot will require some degree of capital, if not for buildings

and facilities, then at least for fertiliser, seed, animals, feed, machinery or other raw materials.

☐ **Knowledge:** It helps if you have some skills, knowledge and experience of the enterprise that you've chosen. Find out about courses that are available and look for books on the subject and search the Internet.

Most important is to inform yourself about the laws and regulations that govern your chosen activity. You might need to acquire permits for example and you also need to know what health and safety rules might apply. Check with the relevant government departments as to whether they offer assistance and information.

☐ **Interest:** The motivational gurus call it "passion" or "drive". Whatever one calls it, it's the glue that holds all the

parts of a business together. For there will be setbacks. Drought or frost might wipe out your crop or disease will kill your animals or your main market could disappear. The extent to which you can rise above these setbacks and forge ahead again undaunted will dictate whether your enterprise will thrive or fail.

☐ **Business plan**

Some smallholders drift into a business from their plot ~ perhaps you have excess fruit, vegetables or crops which you sell and realise that there is a demand for your goods. Or you are so successful at your preserving or bottling that friends and neighbours are clamouring to buy your products.

Other smallholders consciously set out to start a business from their plots. But however you go about it, you'll need a plan, particularly if you need to borrow money to realise your dream.

Continued on page 39

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
www.atms.co.za



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**

016 371-2154
082 903-6595

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



OPEN FOR BUSINESS

From page 38

A business plan is not only necessary when you are looking for financial assistance or for initiating a business start-up - it should be an evolving working document that is reviewed regularly and adapted to the business circumstances as and when the internal and external environment changes. A good plan maps the course of action to achieve your business goals and aspirations; it is the operational tool that directs each and every step in the business.

Manage your cash flow
Ensuring that you have sufficient to pay the initial bills, and managing your debtors and creditors is vital. Collect your cash as fast as you can, and don't pay anybody until they ask you to ~ that should be the mantra of the small business owner. Cash flow is affected by speed and volume ~ how much

A good business plan is the operational tool that directs each and every step in the business.

money flows into and out of your account and how quickly.

Ensuring that there is sufficient cash to begin with is imperative if one is to survive the first few months or even years in business.

So, when you are preparing the initial business model you should not only calculate how much capital you require for the purchase of machinery, stock and raw materials, but also how much you need to fund the cash flow.

How much is enough? The simple rule of thumb is to work out how much you think you will need ~ then triple it! Some knowledge of or research into the norms in one's chosen business should be the starting point.

Marketing strategy

Your marketing strategy is a

process that can allow a business venture to concentrate its limited resources on the greatest opportunities to increase sales and achieve a sustainable competitive advantage. A marketing strategy should be centred on the key concept that customer satisfaction is the main goal. Without customers you will not survive or exist.

Possible questions to ask when formulating a good marketing strategy:

- ☐ Are you growing your business or are you entering into a new market?
- ☐ When and how will you sell your products?
- ☐ What gives you the competitive edge, how will you penetrate the market?
- ☐ Is there a gap in the market?
- ☐ Most importantly – is there

a market in the gap? You might have identified a product or a service that is not being provided, but you must be sure that you have buyers for what you are offering.

☐ Do you already have a market before you start your business? This provides critical information to a financier for a decision to be taken on a

Continued on page 40



Equestrian Wear & Sporting Goods
078 201 1669
saralee@stablegate.co.za
Shop 2, The Cosmopolitan Lifestyle Centre
15 14th Avenue Northmead, Benoni
Open: Monday - Saturday: 09:00 - 16:00
Sunday: 09:00 - 12:00

ANIMAL FEEDS & PREMIXES

**Het Jy
rou materiale
beskikbaar?
Meng Jou ele
voer & lekke met
ons premixes.**



2 Albert Street, Heidelberg

BROILER PRODUCTION

Vaccinated Day Old Chicks Available

Starter Crumbs 50Kg @ R 301.42

Grower Pellets 50Kg @ R 281.95

Finisher Pellets 50Kg @ R 274.51

Prices excluding VAT

Contact us for a feeding program & custom quote - further discounts available on the above prices for tonnage and C&C

Delivery available to all surrounding areas.

Dori 061 268 7523

Margie 083 379 2962

margieroux@gmail.com

Melasse Stroop

Bring your Own Container:

Up to 40kg @ R3.00/kg excl VAT

1,000L Flow Bins @ R2.83/kg excl VAT

20L Drums and 1,000L Flow Bins available at the shop at an additional cost.

Please confirm availability of flow bins prior to collection.

Vol Voere en HPK's ook beskikbaar, kontak ons vir meer linligting en pryse.

GOOD SERVICE • COMPETITIVE PRICES

We reserve the right to change prices without prior notice

OPEN FOR BUSINESS

From page 39

loan application as it provides information on your projected sales and income.

☐ Who are your competitors?

☐ Have you considered the "4 Ps":

~ Price,

~ Promotion,

~ Packaging

~ Place.

☐ Are there opportunities for value adding?

☐ Will the macro environment your business will operate in affect your business and your marketing? There are six major macro environment forces: Cultural, Demographic, Economic,

Natural, Political, and echnological.

Advertising

The marketing tools at your disposal are direct and telephone selling, advertising and public relations ~ not forgetting, nowadays, social media.

Of all sales efforts, direct door-to-door or telephone selling is the most effective when used correctly.

However, it is also the most expensive and the deals you make are limited to a proportion of the number of sales calls your or your staff can make.

When you consider advertising, try to make your expenditure as effective as possible.

Distribution

Once you have decided on your chosen activity, and have the permits and permissions in place, you will need to investigate how you are going to distribute your produce.

☐ Small scale: If you or a

member of your family works in a large company, you might be able to make enough sales among your co-workers without having to go further afield. Find out if there is a company policy which will allow this sort of selling to take place and, if it is allowed, think about how you can promote your products using in-house communication systems.

☐ Farmer's markets: There are many weekend markets where one can sell home-grown goods. You will need to be assured of a constant and large enough supply of crops or products to justify the cost of a stall.

☐ Roadside stall: Once again you will have to weigh up the cost of manning it against the supply of produce that you have to sell. A roadside stand will only work if it is on a busy road, preferably close to town, and if the local authority grants you permission. Find a spot where the

stand is clearly visible and where there is space for motorists to stop their cars. Make an eye-catching sign to advertise your wares. Ask customers what they would like to buy at your stand. This will help you plan.

☐ Co-operative market: Working with other smallholders in your area might be a solution. Customers can collect a weekly consignment of, for example, vegetables, on the understanding that they will take whatever the suppliers are selling that week. This is valuable in encouraging consumers to be aware of what is available in each season and to plan their menus accordingly. Check what other people are selling and consider what you could cultivate that is unusual. This might need a harder sell to convince people to try something new, but it might be more profitable in the long run.

Walkerville
Agricultural Market
Produce & Craft Market
Every Saturday
09:00 till 15:00
Stalls Galore!
Best quality items at the Showgrounds
Pub grub, craft beer & licensed pub
Something for the children
082 775 0802
market@walkervillesa.co.za

Win!
with...
Garden World
Making a world of difference

**Answer a simple question
And visit Garden World's Spring Festival
to stand in line to WIN a hamper of
HEIRLOOM VEGETABLE SEEDS
worth R500!!**

TO ENTER:
Answer the following question:
**Where in Gauteng
will the Kirstenbosch-SA
Chelsea Exhibit be re-created?**

**email your answer to
nursery@gardenworld.co.za
BEFORE NOON on 10 Aug 2016**

**The winner will be notified on
11 Aug 2016**

**NB: You must visit the
Garden World Spring Festival
between 11 Aug 2016 and 4 Sep 2016
to claim your prize.**





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!



Order your copy TODAY...

OR call us for a stockist near you

(you can also view a list of stockists at www.sasmallholder.co.za)

Only R180-00 VAT and delivery included

(Complete & email to bowford@gmail.com or fax to 086 602 3882

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

Payment can be made by EFT. (We will supply our bank details on receipt)

Name:

Postal Address:

Tel/Cel number:

Phone 011 979-5088 or email 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**

Order & pay via **PayPal**
 go to: 
www.sasmallholder.co.za

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

Announcing:

GAUTENG
SMALLHOLDER
MAGAZINE
Online

- Read the magazine ONLINE as published
- DOWNLOAD your copy to read at your leisure
- PLUS:
- Classified ads online as they are received
- Events listed as they are planned (shorter lead times)
- Ask questions - get answers
- Wider coverage for ALL SA smallholders
- Useful links
- No sign-in or membership required

**Simply go to www.sasmallholder.co.za
and click on the cover picture**

Great online advertising opportunities to an already established readership!

Constantly changing, always up to date

Online publishing for SA smallholders

www.sasmallholder.co.za

For queries phone 011 979-5088 or email gautengsmallholder@gmail.com

Slide-together polycarbonate hobbyist greenhouse

A hobbyist greenhouse small enough for a suburban garden but large enough to grow herbs and vegetables to feed the average family is available in kit form from Masbiz Trading of Boksburg. Called the Mythos Greenhouse, the unit measures 248 x 185cm (8' by 6') and is made of multi-wall polycarbonate sheeting panels, which slide into an aluminium framework attached to a galvanised steel base. The design is such that there are no locking parts

to attach to the glazing. The unit has skylight ventilators built into the pitched roof, and a hinged door. Construction from polycarbonate sheeting gives it superior strength over flexible greenhouse plastic, and greater UV-resistant longevity. Nonetheless it offers more than 70% light transmission. And the multiwall panels prevent night time heat-loss far better than greenhouse plastic, a particularly important factor in the colder parts of Gauteng, where temperatures in small greenhouses



1,8m x 2,4m Mythos hobbyist's greenhouse

made of plastic routinely drop below zero degrees on winter nights unless they are heated, which is hardly a proposition for a small home unit.

For more information: Masbiz Trading tel 011 894-2873

Smallholder utility vehicle

Smith Power Equipment, distributor of Toro grounds and turf equipment in Southern Africa, has launched the Workman GTX series utility vehicle in South Africa.

Smith Power's Stephen Mangold says the Workman GTX is ideal for use on golf courses, parks, farms, smallholdings and anywhere where carrying materials over unusual terrain is required. He describes the Workman GTX as "a grounds and turf

crossover vehicle."

The load bed comes in 1,2m or 1,8m lengths.

Power is provided by either a 429 cc petrol engine or a 48 volt AC electric motor.

For more information: Smith Power Equipment tel 011 284-2000





BANG-A-LERT

Stop crime on your property
Affordable & Practical
6 000 units sold in South Africa
Simple Installation
No Power Required
Dealer Prices for more than 10 units
Mason Engineering
083 611 2857
www.bangalert.co.za

OUTDOOR WIRELESS BURGLAR ALARM SYSTEMS



EARLY WARNING PROTECTION DEVICE



- PROTECTS SMALLHOLDINGS, FACTORIES, WAREHOUSES, CARAVANS AND HOMES
- WIDE-ANGLE, LONG RANGE DETECTION
- WIRELESS BEAM COMMUNICATION
- SYSTEM ON FULL BATTERY BACK-UP
- CAN BE LINKED TO SIREN, FLOODLIGHTS, STROBE OR EXISTING ALARM
- WEATHERPROOF AND IMPERVIOUS TO LIGHTNING
- ANIMAL-FRIENDLY - NO FALSE ALARMS
- COMPLETE RANGE WIRELESS INDOOR SENSORS
- SA-MADE TO WITHSTAND HARSH CONDITIONS



To ensure
YOUR
home's security
call Rob du Toit
TODAY!

ALARM MATE
Tel 011 042-7167
Cell 083 267-3842
www.robguard.co.za



HERONBRIDGE
Animal Feed & Agri Supply
Supplier of Quality Lucerne, Eragrostis and Pine Shavings
Pharmaceuticals • Fertilizers • Fresh Produce

Valdor Centre, Beyers Naude Drive, Muldersdrift
heronbridgeproduce@gmail.com
011 957 5964
074 421 4802

Feed Supplier for ALL types of Farm and Domestic Animals, & Your Pets

WINTER WARMERS!

- Whole Mealies 50kg R281-25
- Dog beds, jerseys & jackets
- Great range!
- Home-made dog biscuits 500g R29
- Delicious home-made goodies

Prices include VAT



Available here!

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

BOOKSHELF

Additions to your nature library

Here are some newly-published works that should feature on the bookshelves of any nature-aware smallholder.

❑ The **Pocket Guide: Insects of South Africa** by Charles Griffiths and Mike Picker



covers both common and interesting insects from South Africa, making it possible to identify a wide range of local species.

Some 431 insects are featured, many of which we may have spotted in our houses and gardens. Each is described with its key identification features, a colour photograph and distribution map. An illustrated quick reference guide on the inside front and back covers makes it quick and easy to navigate to the right insect group.

It is published by Struik Nature and the recommended price is R150.

❑ The third revised edition of **Making the most of Indigenous Trees** by Fanie and Jule-Ann Venter is now available from Briza

Publications.

This valuable guide to indigenous trees should be within reach of every gardener, farmer, naturalist, nurseryman, forester and conservationist – in fact, anyone with a love and appreciation of trees.

This edition contains 22 more tree species. The 163 tree species are alphabetically arranged according to the botanical name, illustrated with more than 850 photographs in full colour and discussed in detail.

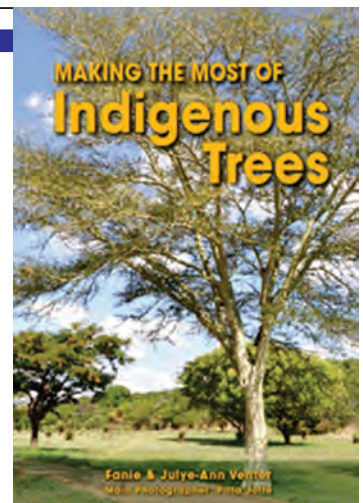
The following information is provided:

❑ An introduction section on tree propagation by seed, cuttings and truncheons.

❑ A detailed species description, diagnostic features, natural distribution and habitat.

❑ The ecological role and utilisation by mammals, birds and insects.

❑ Economic value and use by people, including use in gardens and on the farm, as a source of food for humans



and animals, fibre and medicine.

❑ Properties of the wood and its utilisation by people.

❑ Specific guidelines on propagation and cultivation of each species.

❑ A map indicating the distribution of each species.

❑ More than 850 carefully selected colour photographs complement and illustrate the text.

A table on the utilisation of indigenous trees by wildlife, references for further reading and an index to the common and botanical names are included.

To order contact the publishers on 012 329-3896.

Continued on page 45



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 or email frank@pleysier.co.za
• 2006/169666/23 • VAT: 4290232802 • SARS NO: 2022 1406 For Export •

MUSCLE WATER PUMPS

for all your borehole & water pumping needs

BOREHOLES

YIELD TESTING

PRESSURE PUMPS

TANKS

BOREHOLE PUMPS

WATER QUALITY TESTING

LEVEL CONTROLLERS

TANK STANDS

mpumpelec@gmail.com

Hannes Bezuidenhout

082 520 8421



MetalTree Interiors



Chicken Coops

CCA treated pine frame & pine panelling.
Sealed with Wax Oil.
Screwed & glued together.
NO NAILS.
Mesh ventilation.



Contact David
082 379 6512
info@metaltree.co.za

from
R3 000

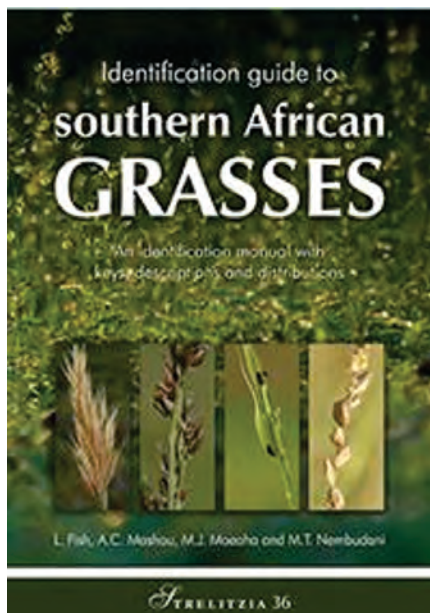
Can be customised to your requirements

Also: stables, kennels, rabbit hutches, geese coops, sheep jugs



From page 44

□ The S A National Biodiversity Institute publishes a series of books under the Strelitzia imprint, focusing on indigenous plants. The latest in the series is no 36 - **Identification guide to southern African grasses**, by L Fish, AC Mashau, MJ Moeaha and MT Nembuda.



It is important for smallholders to be able to manage their pastures, so most of us need a good guide at hand in order to identify what we have in our fields. This identification guide relies primarily on the use of keys and descriptive information to aid the user in identifying a grass species. It contains some of the best information needed to identify southern African grasses. Keys to grass genera and species are provided, and in some instances also keys to easily confused taxa. For each species, a combination of useful characters is provided, and where applicable, line drawings of the spikelet or parts thereof accompany the identification keys. Species descriptions and

distribution maps are hugely important and add to the identification of grasses. The book is available from www.netbooks.co.za/ or directly from Sanbi at biodiversityadvisor.sanbi.org/literature/4327-2/strelitzia/. □ Living on the land as smallholders do, we sometimes have to deal with bites or stings and there are two useful books available to give us first aid advice. The first was the book on scorpions reviewed in the June edition. The second is **First Aid for Snakebite** booklet is available from the African Snakebite Institute and costs R40 including local mail. It is a comprehensive 24 page booklet that contains information on what to do and what not to do in a snakebite emergency, the use of pressure immobilisation, artificial respiration and

the use of a bag valve mask, what to do for venom in the eyes and a flowchart on what to do when different symptoms are observed after a snakebite. For more information email admin@africansnakebiteinstitute.com or call 082 494 2039.



Fire beater

FIGHT VELD FIRES EFFECTIVELY
Get yours TODAY:
It's the LAW!!

1,8m long, thick but lightweight wooden handle keeps user away from smoke & flame

Unbreakable Fastening

Made from recycled rubber belting (not strips)

Only R90,00 cash & collect
 Price includes Vat.
 Trade enquiries welcome
 Scrap belting also available

Solid rubber sheet SMOTHERS flames FAST!

To order call
Derek Whittall
078-706-6456

Can't find the ?

GAUTENG SMALLHOLDER MAGAZINE
JUST ASK...

Ask your shopkeeper to stock the magazine and we will deliver copies to the shop for you*

**Subject to certain conditions*
For enquiries phone
076 176 7392

Alternatively, you can subscribe and receive the magazine by mail. Simply complete the coupon found elsewhere in this copy and mail it with your payment for R210 for a year.

***All prices Cash & Collect & INCLUDE VAT**

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 48).
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

Gesook: Stukkende tweede-handse brei masjiene benodig vir parte. Vir skool vir mense met geleerdheids probleme. Rosa 082 684-9534.

FOR SALE

BIRDS & POULTRY

Peacocks for sale, male & female R500 each. Black Backed male peacock R1 200 each. East Rand Tel 076 721-9063.

White pigeons, no special breed but pretty nonetheless, R15 each, only ten left. Pete 072 587-9137 Bredell.

Chickens: layers R145 each, day old R23 each, four weeks R50 each. Cockerels R150 each. Ducks R120 each. Contact

Both 083 304-3060, Mari 072 295-0139 or apbventer@gmail.com.

LIVESTOCK

Potbelly piglets R500 each. Full grown potbelly pigs R750 each. Contact Kobus 083 773-2954 Waterkloof AH.

Blackhead Dorper ewes x 2. R1 000 each. Pete 072 587-9137 Bredell.

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.

PRODUCE PLANTS & FODDER

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 Vereeniging.

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

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

Murray Ride-On lawnmower with Briggs & Stratton 15,5HP motor and 42" cut. Only one owner and has been used privately. Mower is in good condition with electric start. R15 000 neg. Call or whatsapp 083 320-7062 Bredell.

Hamermeul, vermoedelik Drotsky R10 000, ook te ruil vir kalwers. Frans 081 464-4716.

Mitsubishi T200 brushcutter in working condition R750. Gunter 073 321-0959 Meyerton.

Flow bin 1 000 litre, food grade, only used once. R1 000. Contact Gunter 073 321-0959.

EQUESTRIAN GOODS

Solo Buckjumper saddle, black 16,5" general purpose leather saddle including stirrup irons and straps. Wide gullet fit for wide horse or pony. Padding new and in excellent condition. R 3 300 as is. Sara-Lee 078 201-1669.

Trident Endurance saddle with numnah for

sale. Immaculate condition R1 950. Contact Anne at 073 576-5299.

MISCELLANEOUS

Oster 552 Pipe Master pipe and bolt threading machine R32 500. Robin DY30D 6HP diesel engine ride on R4 500. Briggs & Stratton 5HP lawn mower R8 500. Sulzer centrifugal water pump with Hawker Siddeley 3 phase induction motor R6 500. Galvanised roller garage door R2 500. Justin 074 446-3673.

Large shed 15m long x 9,6m wide, 4,75m at apex, high IBR roof and sides, double lock doors 5m x 3,2m high R75 000. Hartbeespoort 082 771-6460.

Finnbuilder pillar type (not used) R3 500. Hartbeespoort 082 771-6460.

Office desk. 1 600 x 800mm like new R900. Contact Jean 082 295-9996.

Soliede Embuia eetkamerstel te koop. Groot ronde tafel, agt riempiesoele en groot buffet met bokant R20 000. Kontak Hettie 083 564-6026.

SALT LICKS

Top quality Namibian West Coast Rock Salt

24 blocks per pallet (ave wt 1,4t)

@ R1.15/kg excl VAT

ALSO: Crushed salt (50kg bag)

@ R1.25/kg excl VAT

Collect from Klerksdorp OR we deliver (32 tons or more) at additional cost

Tel Leon 082 469 5931 (o.h.) or email leon@afrores.co.za

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

Buy your
**FAST GROWING
EVERGREEN
RUSSIAN GRASS**
now and save
THOUSANDS of Rands
this winter on feed
for more information
contact
Merwe 072 604 5219
or visit our website
www.russiangrass.co.za



SUITABLE FOR ALL LIVESTOCK

www.myborehole.com

Borehole drilling, pumps,
yield tests & water quality tests
011 791-3490

SLASHER
072 153 8776

• 1.2m wyd
• Sonder PTO
• 1.5m ook
beskikbaar



R6 000
Dit is VERSTELBAAR

It's
**Sheep Shearing
Season!**

**SHEEP SHEARING SERVICE
SKAAP SKEER DIENS**

Pieter
082 878 5623
Hilton
082 602 4462



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@diamondxrancho.co.za, www.diamondx.co.za., R400 per person.

Mnandi Methodist Church, 09:00, Mnandi Centre, cnr Tulip 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.

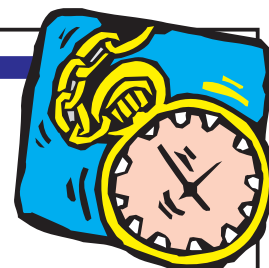
Every Monday
Alcoholics Anonymous. 'Courage to

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

July

4: New Moon
4: Aphelion
12: First Quarter



15: Auction of livestock and agricultural machinery at 11:00 at 54 Glory Road, Muldersdrift. For enquiries contact Barco Auctioneers 011 795-1240.

18: Eastern Highveld Beekeeper's Association monthly meeting at 186 Uys Street, Rynfield Benoni commencing at 9.30 am. Contact Peter Clark 011 362-2904.

19: Full Moon

Free Classified Ads

PROPERTY FOR SALE/TO LET

Laezonia: 2,7ha lifestyle smallholding in Laezonia AH, Centurion. Corner property, 4 b/room house with s/pool, 1 b/room garden cottage with private garden and a lapa, 3 stores, 2 cement dams, barn, poultry pen, orchard, strong water borehole, 3 phase Eskom power. 34km from Harties, 10km from Wierdapark, 16km from Monte Casino, Fourways, 36km from Krugersdorp. Near major routes. R2,5 million negotiable. Contact us for photos at: hamariti@outlook.com, or on 082 494-5777, or 082 373-0933

Petit: 1 bedroom garden flat, newly painted and tiled with carpet to rent. Available immediately, R3 000/month. Deposit, and water & lights excluded. Contact Tys on 083 285-5378.

Bronkhorstspuit: 3 slaapkamer huis met

silkamer, eetkamer, kombuis, badkamer, toilet, motorhuis, afdek, twee buite geboue, boorgat, Eskom krag prepaid. 24km vanaf Bronkhorstspuit R295 000 Gert 076 046-5681.

Bronberg: Large three bedroomed house in Bronberg Conservancy, (private game reserve) situated in lovely countryside, Pretoria East. Variety of roaming game right on your doorstep! Lockup garages for five vehicles. Immediately available at R 10 500 pm + approx R 2 500 pm for billed electricity. Strict rules apply. Ideal for retired or alternatively relaxed working couple. Within easy reach of East Rand towns or famous Pretoria East shopping malls, ie, Menlyn and Woodlands in 30-45 minutes. Contact 071 206-9973.

Bronkhorstspuit: 4 bedroom house, 3 living areas, 3 bathrooms, kitchen, built-in bar, braai, fireplace, lapa, pool, double garage, covered carports for 3 cars, tiled throughout, rooms fitted with laminated floors, 1 000m² stand. R1 150 000.

Contact 083 292-4662.

TRACTORS & IMPLEMENTS

Trekker starter vir Massey-Ferguson of Ford R600 011 965-6352 cell 073 261-1997 Benoni

John Deere trekker met 3 skaar ploeg. Kontant R30 000 of naaste kontant aanbod. Skakel Ben Buys 076 361-1892 of 079 321-6601.

VEHICLES & SPARES

Honda CRF 125cc motorcycle. Make me an offer. 011 965-6352 cell 073 261-1997 Benoni

Venter 7' trailer with lid and roof rack mounted rear side opens plus spare

wheel R4 500 onco contact Hartbeespoort 082 771-6460.

Land Rover Discovery 1, smashed at the back, stripping for spares. Newman 083 340-8255.

EMPLOYMENT OFFERED/WANTED

Reliable married man seeks position on farm as caretaker. Has experience in livestock and vegetables. Has own bakkie and tools. Let me turn your farm around. Anywhere in southern Africa. Nick 084 627- 6129.



Clovelly
• Day-old Layers
• Day-old Broilers
• Day-old White Rock GPS
• 2 Week-old
• 4 Week-old
Delmas
083 393 0935

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

Hoë Proteiene Vee Voer
R1 250 per ton
073 358 8541
Op R559 tussen Randfontein en Carletonville

ALGEHELE UITVERKOPING: Beeste; skape; Implemente

Donderdag 28 Julie 2016 om 11:00 op die plaas Trichardtspoort; Bronkhorstspuit

namens: August Schultz 073 345 3957

Beeste & Skape
24 Drakensberger tipe Koeie
3 Drakensberger tipe Bulle (1 gereg.)
6 Drakensberger tipe Kalwers
4 Dorper Skape

Trekkers & Sleepwaens
1x MF 188 Trekker
1x International 724 Trekker
1x Groot 4 wiel sleepwa
1x Klein 2 wiel sleepwa
1x Venter waentjie (op die pad)
1x Waterkar (vuurvegter) 500'

Implemente
1x 4 Tol hark
1x Welger Rp180 Baalmasjien (het spaar belde)
1x Kuhn 4 tol snyer
1x 3-Punt Kalkstrooier
1x Kalkstrooier op wiele
1x Teffsaaijer
1x 2 Rigting Snyeg
1x 3 Skaar skaarploeg
1x Skoffel
1x 4 Lit Eg
1x Drotsky Hammermeule met siwwe

Engineering Masjiene
1x Draaibank (2m tussen senters)
1x Frees masjien
1x 440 Wiel band skuurder
1x 500 Lem arm saag met staal tafel
1x Groot staal grinder (stone 250x40mm)
1x Staan boormasjien tafel 380 radius
1x Staan boormasjien tafel 500 radius
1x 24 volt battery laaier met 380 volt motor
Staal tafels met bankskroewe

VOORWAARDES: 1.) Veiling met reserwes. 2.) Die Verkoop en Afslaer behou die reg voor om enige diere voor of tydens die veiling te onttrek of by te voeg. 3.) BTW is betaalbaar. 4.) FICA: Bring afskrifte van beide BTW sertifikaat, ID dokument en bewys van woonadres. 5.) Veissentraal se standaard veilingsvoorwaardes geld.

Ander
1x Trekker Rovatti besproeiings pomp met kanon
1x Trekker 3-punt houtsaag
60x Besproeiings pype; 1x Betonmenger
1x Groot elektriese houtsaag (15HP)
1x Klein elektriese houtsaag
1x 3-Punt kraan; 1x Tiller; 1x 4 Lit Eg

Motorfiets
1x 1998 BMW GSS/1100R



Bronkhorstspuit

TERME: Kontant of bankgewaarborgde tjek. Internetfasiliteite vir betalings sal beskikbaar wees.
NAVRAE: Veissentraal Ermelo (017) 819-1106; **WEBBLAD:** www.veissentraal.co.za; **F/B:** Veissentraal Ermelo
AFSLAER: Gareth Huges 079 515 4845; **BEMARKER:** Gys Taute 083 253 6906



DIARY

22 & 23: Workshop Making Dream Catchers. From 09:00 until 13:00. Same course on both mornings. Refreshments, notes and kit included. Prepaid booking essential. R300. Venue 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. patsypotions@vergeer.co.za.

26: Last Quarter

28: Algehele uitverkoop van beeste, skape en implemente om 11:00 op die plaas Trichardtspoort, Bronkhorstspuit. Navrae: Vleissentraal Ermelo 017 819-1106.

30: Experience Chelsea 2016. Talk with David Davidson at Garden World. 09:30 for 10:00. Cost: R80 pp & includes the talk & slide show presentation, refreshments, as well as fabulous prize giveaways and entrance to the designer gardens. Contact Garden World on 011 957-2545, 011 956-3003 or 083 997-6142 or visit www.gardenworld.co.za.

August

2: New Moon

6: Delicious Urban Gardening: Growing Food in the City. Talk with Jane Griffiths at Garden World. 13:30 for 14:00. Cost: R120 pp & includes the talk / demonstration, refreshments & fabulous prize giveaways.

Contact Garden World on 011 957-2545, 011 956-3003 or 083 997-6142 or visit www.gardenworld.co.za.

10: First Quarter

13: Designing Small Spaces & Up Cycling. Talk with Tuis/Home Magazine & Bernadine Drath & Fiona Lear at Garden World. 09:30 for 10:00. Cost: R120 pp & includes the talk/demonstration, a goodie bag, refreshments & fabulous prize giveaways. Contact Garden World on 011 957-2545, 011 956-3003 or 083 997-6142 or visit www.gardenworld.co.za.

15-19: Introductory Course in Small Stock Management at the ARC Irene. Contact Annetjie Loubser 012 672-9153 or aloubser@arc.agric.za.

18: Full Moon

20: Eastern Highveld Beekeeper's Association monthly meeting at 186 Uys Street, Rynfield Benoni commencing at 9.30 am. Contact Peter Clark 011 362-2904.

20: The art of creating your own work. Talk with Lizz Meiring at Garden World. 10:30 for 11:00. Cost: R150 pp & includes workshop, refreshments as well as fabulous prize giveaways. Contact Garden World on 011 957-2545, 011 956-3003 or 083 997-6142 or visit www.gardenworld.co.za.

25: Last Quarter

26 & 27: Start of new 20 module herb course. One module a month. Prepaid booking essential. R300,00 per event. Includes refreshments and notes. Small classes for individual attention. Venue 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. patsypotions@vergeer.co.za.

27: 100 New Herbs with Rooi Rose, Mayford Seeds & Margaret and Sandy Roberts at Garden World. 09:30 for 10:00. Cost: R100 pp & includes the talk / demonstration, a goodie bag, refreshments & fabulous prize giveaways. Contact Garden World on 011 957-2545, 011 956-3003 or 083 997-6142 or visit www.gardenworld.co.za.

September

1-7: National Arbor Week

1: New Moon

1: Lunar Eclipse

5-9: Introductory Course in Beef Cattle Management at the ARC Irene. Contact Annetjie Loubser 012 672-9153 or aloubser@arc.agric.za.

9: First Quarter

10: Topic: In Tune with Nature – Join Mayford Seeds for a Fun Morning with Music in the Garden featuring Richard Cock & Tanya Visser at Garden World. 09:30 for 10:00. Cost: R95 pp & includes the event, a goodie bag, refreshments & fabulous prize giveaways. Contact Garden World on 011 957-2545, 011 956-3003 or 083 997-6142 or visit www.gardenworld.co.za.

12-16: Meat Processing Course at the ARC Irene. Contact Annetjie Loubser 012 672-9153 or aloubser@arc.agric.za.

16: World Ozone Day

16: Full Moon

17 September: Eastern Highveld Beekeeper's Association monthly meeting at 186 Uys Street, Rynfield Benoni commencing at 9.30 am. Contact Peter Clark 011 362-2904.

22: Equinox

23: Last Quarter

25: Propagating workshop in the garden. From 14:00 to 17:00. Complete list of all ingredients needed will be given with prepaid booking. R60,00 per person includes refreshments. Venue will be given on booking. Patsy Vergeer, Patsy's Potions, The Herb

and Indigenous Plant Guild. Telephone office hours 011 393-3427 or 076 265-4948. patsypotions@vergeer.co.za.

October

1: New Moon

4: World Habitat Day

9: First Quarter

10-14: Introductory Course in Poultry Production at the ARC Irene. Contact Annetjie Loubser 012 672-9153 or aloubser@arc.agric.za.

14 & 15: Workshop: Making melt and pour glycerine soaps. From 09:00 to 13:00. Refreshments, notes and some ingredients are included in the course. Small groups for individual attention. Prepaid booking essential. R300 per person. Venue and list of other materials 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. patsypotions@vergeer.co.za.

16: Full Moon

22: Last Quarter

22 October: Eastern Highveld Beekeeper's Association monthly meeting at 186 Uys Street, Rynfield Benoni commencing at 9.30 am. Contact Peter Clark 011 362-2904.

22: The Annual Charity day for the animals, craft stalls, plant nursery, homemade

WIRE WORX

Supplies of:

- BARBED WIRE
- STANDARDS & DROPPERS
- NETTING WIRE
- B 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

082 415 4627

www.onedayoldbroilers.co.za

Chicken Little

Suppliers of one day old broiler chicks & feed!

SCRAPER

• 1.5m wyd

• Geskik vir klein trekkers

R2 000

072 153 8776

Dit is VERSTELBAAR

Alpacas For Sale

Magicalpaca's Farm

In Kempton Park offers:

A selection of pedigree Alpacas at competitive prices

Coverings available from stud quality herd sires

Call Lee Ermen

082 455-4288

bounty@jafrica.com

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

PROPERTY	LOOSE ASSETS	GAME	EXOTIC GAME	LIVESTOCK
<p>BARCO LIVESTOCK AUCTIONEERS</p> <p>NEXT AUCTION</p> <p>A VARIETY OF LIVESTOCK & AGRICULTURAL EQUIPMENT & MACHINERY</p> <p>FRIDAY 15 JULY 2016 @11:00</p> <p>@ 54 Glory Road, Muldersdrift, Johannesburg Co Ordinates: -26.02528, 27.89409</p> <p> CATTLE GOATS SHEEP PIGS </p> <p> AGRICULTURAL EQUIPMENT & MACHINERY </p> <p>PRIZE A YOUNG PINZGAUER BULL</p> <p>up for grabs to a registered buyer on day of auction</p> <p>COURTESY OF BOSHEUVEL COUNTRY ESTATE</p> <p>PUBLIC WELCOME TO ADD LIVESTOCK, AGRICULTURAL EQUIPMENT & MACHINERY TO OUR AUCTION/S. FOR ARRANGEMENTS CONTACT US.</p> <p>Terms: Only EFT on the day of auction. Fica requirements for registration to bid must be followed. Bring a copy of ID & Proof of Residence. Complete conditions of 2008 Consumer Protection Act is available at www.info.gov.za</p> <p>OFFICE 011 795 1240</p> <p>BONITA 071 364 6109</p> <p>JEAN 083 341 2357</p> <p>www.barcoauctioneers.co.za bonita@barcoauctioneers.co.za</p>				

DIARY, cont'd

preserves, jewellery, books, tea garden and much more, from 10:00 until 17:00. Patsy Vergeer, Patsy's Potions, The Herb and Indigenous Plant Guild. Telephone office hours 011 393-3427 or 076 265-4948, patsypotions@vergeer.co.za.
30: New Moon

November

4 & 5: Workshop making paper, herbal dyes and scented drawer liners. From 09:00 to 13:00. Includes refreshments, some ingredients and notes. Prepaid booking essential. R300,00 per event. Venue and list of other 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. patsypotions@vergeer.co.za
7: First Quarter
8-11: Introductory Course in Pig Production at the ARC Irene. Contact Annetjie Loubser 012 672-9153 or aloubser@arc.agric.za.
14: Full Moon
21: Last Quarter
26: Christmas Country Market at Groenvoer, 410 Olifantsfontein Road, Midrand. Contact Cathy on 011 314-1211.
29: New Moon

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. patsypotions@vergeer.co.za.
7: First Quarter

14: Full Moon
21: Last Quarter
21: Solstice
29: New Moon

 Find us on Facebook
facebook.com/gautengsmallholder



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



Vico Steel Projects cc

We Do:
• STEEL STRUCTURES
• SHADEPORTS / CARPORTS

079 369 6100
079 956 1555
010 235 0012

vsp@polka.co.za
www.vicosteelprojects.co.za
COMMERCIAL & INDUSTRIAL



GAUTENG SMALLHOLDER

Having difficulty finding a copy of

subscribe...

...and get it monthly by post for a year (12 editions) Only R210-00 per year!

Simply complete the coupon below and mail it with your payment

Please post me the *Gauteng Smallholder* for the next 12 editions. 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 076-176-7392 for our banking details should you prefer to do an electronic transfer.

IN THIS EDITION: How to grow... Take ONE! It's FREE! Classifieds... and more... 12 400 copies distributed monthly throughout Gauteng... 12 400 copies distributed monthly throughout Gauteng... 12 400 copies distributed monthly throughout Gauteng... 12 400 copies distributed monthly throughout Gauteng...

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

DAY	WHAT	WHEN	WHERE	WHO TO CONTACT	WHAT TO EXPECT
Thursday					
Every Thursday	Bryanston Organic & Natural Market	09:00 to 15:00	Culross Road (off Main Road), Bryanston.	Konrad or Glenda 011 706-3671 or glenda@bryanstonorganicmarket.co.za	Quality hand crafted goods, unique art and fresh organic and naturally grown produce
Friday					
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.
Saturday					
Every Saturday	Wholefood Country Market	09:00 to 14:00	Sawasdee Exotic Nursery, cnr Main & Zinnia Roads, Kyalami	Robyn 083 311-4768 wholefoodmarket@gmail.com	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 blinsga@lantic.net	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 glenda@bryanstonorganicmarket.co.za	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 www.hazelfoodmarket.co.za	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 info@wfmmarket.co.za	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	Dominique 082 775-0802 market@walkervillesa.co.za	Organic produce and Crafter's Market. www.walkervillesa.co.za
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	Jozi Real Food Market	08:30 to 13:00	Pirates Sports Club, Braeside Avenue, Greenside	083 532 2992 whitespace@mweb.co.za	Arts & crafts, music & entertainment, inspired cuisine organic vegetables & coffee, pet products
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	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 info@victuschristi.org.za	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 wardek@iafrica.com	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 realfood4realpeople@gmail.com	Local fresh produce direct to the public
Last Saturday	Brodblik & Koffeepit		R51 between Petit & Bapsfontein	bonniecoutho4@gmail.com 083 458-3058 / 083 445-1608	Homemade crafts & food stalls bakery & coffee shop
Sunday					
Every Sunday	Fourways Farmers Market	10:00 to 15:00	Corner Montecasino Boulevard and William Nicol Drive, Fourways	011 465 0827 www.fmarket.co.za	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 whitespace@mweb.co.za	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 info@serendipitycafe.co.za www.serendipitycafe.co.za	Community market to promote local business



The book that every smallholder needs

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

Only R180-00 VAT and p&p incl

To order call 011 979-5088 or email smallholderscompanion@mweb.co.za

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

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

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 SMS: 074 854-0197 ONLY
BY POST: Box 14648, Bredell 1623
BY EMAIL: gautengsmallholder@gmail.com
BY HAND: 370 da Costa Dr, Bredell, Kempton Park

A maplotter of big dreams

A dedicated Walkerville smallholder, and good friend to this magazine, Rowan Roberts, died suddenly last month, just six days short of his 60th birthday.

His death ~ a great loss to his family, his friends and his community ~ gives one pause to focus on the life of a classic working smallholder and his relationship with the land, his animals and his lifestyle.

For Rowan, an immigrant from England, was a classic working smallholder, until last year when he was retrenched.

On his plot in Walkerville he had, over the years, done all the things that so many of us do, starting with dreaming big. We envisage our plots becoming productive little pieces of heaven. We'll build this barn, that stable block, put up a water tank stand over there, dig a pond for ducks in the corner, plough up the bottom field for a commercial vegetable operation, erect a greenhouse, plant fruit trees ... sounding familiar yet?

Many of us achieve quite remarkable things on our plots over the years, and learn (and spend) a lot in the process. Others do what they can, as time and finances allow.

Rowan did many of these things, balancing the long hours of commuting, and a job in Joburg, with time on the plot with family and friends, and building, scheming and planning, and like so many of us, too, acquiring livestock along the way.

He was also an active member of the wider smallholder community. In the early days of our internet-based smallholder's forum, Rowan joined up and became an frequent contributor to the chatrooms we established. His often very sound advice and good humour made him many friends among our readership. In time, his two sisters and his mother in England became active members of the smallholders' forum, too, and many posts were made comparing the differences in seasons, weather, lifestyle etc, between the two countries.

The internet, of course is a truly international thing, and our smallholders' forum attracted interest all over the world. One of those far-flung people who joined turned out to be Rowan's long-lost cousin living in New Zealand, so the *Smallholder* was able to play a small part in reuniting family members.

But more than just being an active member of our internet forum, he was an active member of his community. Young people at his funeral ~ neighbours and offspring of friends ~ spoke of how he would spend time introducing them to his livestock, and teaching them how to work with his ponies, etc. And beyond the surrounds of his plot in Walkerville he was an

enthusiastic participant in the workings of the steam machinery of the Sylviavale Heritage Museum in Van der Bijl Park (which, incidentally, is well-worth a visit if you haven't already been).

His knowledge of steam power was legendary, and his ability to impart knowledge in a clear and logical manner was appreciated by the many who congregated around him when he started talking.

Not many years ago, he found, and bought, a derelict Austin Vanden Plas Princess and brought it home with a view to restoring it. If you know your motoring history you will recall that this was the top-of-the-range Austin, produced from the late Fifties to the mid-Sixties and powered by a three or four litre Rolls-Royce engine, and with the luxury coachwork including leather seats, genuine walnut fascia and fold-out-walnut picnic tables for the rear seat passengers. Utter luxury, and quite rare, especially in South Africa.

The Sixties were a long time ago, and Rowan's car had been used for some decades as chicken housing or some-such. The leather seats were non-existent, and the deep cut-pile carpeting was covered in a thick layer of dust and rat droppings. As anyone who has restored an old car will tell you, such a project quickly becomes a nightmare because, as you strip out the old carpeting you get to see the corrosion holes in the bodywork and chassis, and every turn of a rusty bolt reveals a terminally-worn, cracked or rusted component that will cost a fortune in time and money to source and replace. How far Rowan had got with his car I have no idea, but I'm sure that, had he completed the project it would have been immaculately done, with great patience and care. As it is, it now joins the hundreds of old cars, bikes and tractors lying in garages and sheds on Gauteng's plots, the stalled restoration projects that highlight the dreams and plans of myriad true smallholders like Rowan Roberts.





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

Security Equipment @ Wholesale Prices



10W LED FLOODLIGHT
500 Lumen
Daylight colour 6 000K
Beam angle 130°. IP65
R49.95



5W LED Lamps
E27 & B22
400lm warm white
R29.95



NEMTEK AGRI
Fence
Energizer
10km
R910.00



2.5mm 3 Core
Submersible Borehole Cable
R10.95/m

We Deliver!

* Prices exclude VAT and are valid till
31 July 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 * GIFTS

HUGE VARIETY & GREAT SERVICE



**Toy Ride On Digger
Special R 995**



COURIER SERVICE AVAILABLE NATIONWIDE



TRADING HOURS : MON - FRI 07H00 TO 17H00

SATURDAY : 08H30 TO 14H00

48 POMONA ROAD KEMPTON PARK

011 965 1292 or 083 680 7747 / 6

www.revet.co.za Email : sanet@revet.co.za