



# RADIUS

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FREE

Graan Toekennings  
*2022*

How to weather an  
eventful autumn

Basjan se Boomhuis  
*Lekker verjaar, Basjan*

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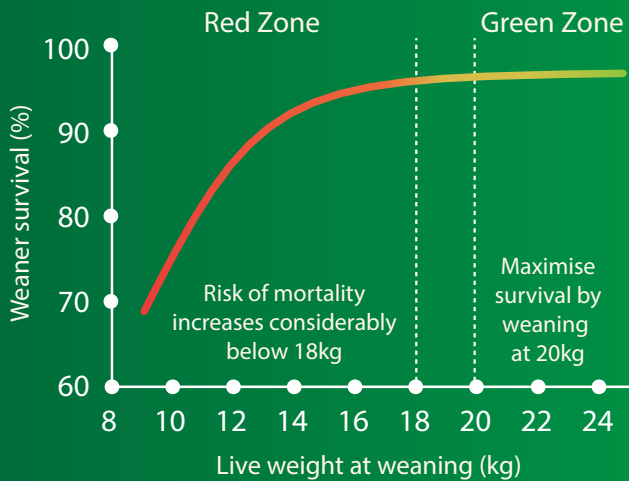
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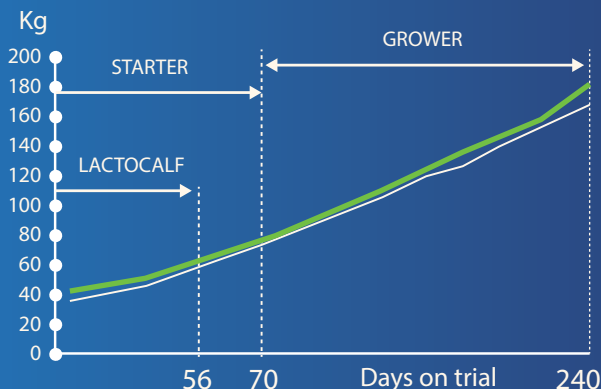
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*this is our story...*



# Defeating your Giants

## Where does one start when there is significant giants facing one head-on in life?

We often come across giants in life that may seem overwhelming at the time. How do we go about in defeating these giants and carrying on with life? In 1 Samuel 17:45 - 46 David said to Goliath: "You come against me with sword and spear and javelin, but I come against you in the name of the LORD Almighty... This day the LORD will deliver you into my hands... and the whole world will know that there is a God in Israel."

We are already in the second season of 2023 and time is flying past as we tackle our day-to-day tasks. Some days may feel more challenging than others, some may even seem impossible. But if we can remember to be as bold and brave as David, we can face any challenge that may come our way.



**"We have all the tools necessary to be the best version of our current selves. We just need to look around us."**

Encouraging yourself does not mean just having a positive mental attitude. It means cultivating a bedrock trust in God's grace, provision and security. We have all the tools necessary to be the best version of our current selves. We just need to look around us, appreciate the people supporting us, and face our challenges together as one.

If you tolerate a giant, he'll take over your territory. He'll come right up onto your doorstep. That's why you don't run from giants, you attack them. That's what David did. As Goliath moved closer to attack, David ran quickly to meet him. David didn't just hold his ground; he ran in Goliath's direction. And he didn't just attack his giant; he finished him off. If you don't kill your giants, your giants will kill you. So finish them off.

We all will face severe hardships in life. We all will face seemingly insurmountable obstacles. But every giant is conquerable. Let's face our giants in faith and realise that God is bigger than any problem, than any obstacle we will face in life.

Our theme for 2023 is Advance. We'd like to keep moving forward together, and advance boldly into this new season, fearless and confident.

**Louise Johnson // Editor: Radius**

TWK Agri (Pty) Ltd.  
PO Box 128, Piet Retief 2380  
Tel: 017 824 1000  
Email: [twk@twkagri.com](mailto:twk@twkagri.com)  
[www.twkagri.com](http://www.twkagri.com)

RADIUS  
Editor in Chief: Dupie van Rensburg  
Editor: Louise Johnson  
Graphic design: Louise Johnson  
Editorial Assistant: Hillie Schultz, Tahira Amatullah  
Accounts: Farhaana Cassim

Invest in TWK  
[www.twkagri.com/invest](http://www.twkagri.com/invest)  
[invest@twkagri.com](mailto:invest@twkagri.com)  
Facebook: @TWKAgri//Instagram: twkagri  
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Advertising: Ruth Schultz, (Schmiltz Marketing)  
081 480 6413 | 083 583 5243  
[ruth@schmiltz.co.za](mailto:ruth@schmiltz.co.za)

Contributors:  
Cornelia Vermaak, Chantell Grobler, Kayleigh Sole, Wilco Naumann, Claudine Klingenberg, Sagrys Klopper, Jaco Jacobs, Johann Strauss, Letitia Coetzer, Angelika Visagie, Gideon Schutte, Amanda du Toit, Angus Buchan, Erich Jacobs, Katy Johnson, Michael Clemente, Chantel Joubert, Leandra Gevers.

Printing: Novus Print

Editorial Enquiries: Tel: 082 322 1844  
Email: [radius@twkagri.com](mailto:radius@twkagri.com)

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TWK Regional Hub, KZN

**WE HAVE MOVED** • 2 Edison Place, Mkondeni, PMB • **WE HAVE MOVED**



**An even friendlier and more efficient atmosphere awaits the TWK shopper, with all agricultural needs catered for at TWK's new Pietermaritzburg Hub. You're invited!**

**P** ietermaritzburg (popularly called Maritzburg), founded in 1838, is more than just the capital of KwaZulu-Natal (and the second largest city in the province). This historic city was founded by the Voortrekkers and over the years saw many interesting historical events.

The city is also significant for the economy, since it produces timber, dairy, meat and even aluminum products. Both the public and private sectors provide employment to many people. The city is also very well known for education, with university and college campuses and renowned schools within its borders.

Within the fertile valleys of Pietermaritzburg, surrounded by sugar cane fields, plantations, maize farms, broiler and livestock farms as well as the bustling economy in and around Pietermaritzburg itself, lies the TWK Pietermaritzburg hub.

**Wait, a hub? Yes!**

Number 2 Edison Place, Mkondeni, Pietermaritzburg is the home of TWK's District Office, the New Holland division, TWK's Insurance offices (since 2016) as well as the TWK Trade branch as from February 2023.

The location offers better access to the store, a lot more (and better) parking and space for

clients to comfortably shop. And rumour has it there's even a coffee shop on site. The hub is a one-stop for all your agricultural (and some not so agricultural) needs.

**“There's better access to the store, more parking and space to comfortably shop, and even a coffee shop on site.”**





Left to right, back row: Shahir Makhan, Phumelela Madlala, Nkanyiso Gwala, Joseph Thusi, Ernest Bricout, Pam Bower, Shival Bharath, Marius Van Der Watt (Branch Manager)  
 Left to right, front row: Bongiwwe Mbanjwa, Bongeka Mthalande, Thuli Dlamini, Mbusiseni Shezi, Anusha Sukai, Reesha Dhannu



TWK Mechanisation, Pietermaritzburg



TWK Mechanisation, Pietermaritzburg

**Turning to the New Hollands**

On New Holland's side (the mechanisation department), Bennie Parsons and his team have done some upgrades and revamps; there's a "lekker" display area and a fresh feeling from the moment you step through the door.

The mechanisation team consists of 15 people who are always ready to assist their clients. They have two service teams who are in the field daily and a third on standby (in case of emergencies).

If there is a new New Holland product that you are looking for (or even just curious about), they can find it for you.

They stock parts that are commonly needed and if they do not have a part you end up needing, they will find it for you within 24 hours (if the part is in South Africa). A New Holland sold in the area can be serviced with all the basics already in stock.

Ask them about their service offerings, which go the extra mile for TWK customers. This includes if you have breakdown at night after working the sugar cane fields or next to the road taking your harvest in, they will have your back – and you won't be left hanging out to dry.

They are also actively involved in the community through farmers' days and shows in the area (like the Royal Show). They are also involved with local schools.

**The TWK trade branch**

Marius van der Watt and his team consists of 27 people who

**“We are here for our clients. We are always willing to listen and to help.”  
 – Marius van der Watt, TWK Trade.”**



TWK Regional Hub, Pietermaritzburg



TWK Regional Hub, Pietermaritzburg



TWK Trade Nursery, Pietermaritzburg  
Nursery Coordinator: Anisha Balram



TWK Trade, Pietermaritzburg

oversee the TWK trade branch (or more commonly known as the koöperasie or co-op) in the hub.

The branch stocks a wide variety of products, not just for the agricultural sector. They also deliver for free (mahala), in a radius of 5km from the branch, or if further, at a nominal fee. So, if you find yourself in a pinch, not being able to pick up your newly bought haul, take a moment to find out if they might be able to assist you.

With their new address, it is much easier to reach them. Parking will no longer be a headache with the ample space available.

When asked what makes the branch special and unique, Marius shared that the branch stocks many products in a wide variety of different categories, from irrigation to livestock health products and nutritional needs to fencing equipment and everything in between.

With the knowledge to back their products and the willingness to help clients in their language of choice, clients feel more at home and welcome.

"A client cannot leave the store unhappy, that is not an option," Marius shares passionately. "Our clients come to us, sometimes twice a week, monthly for some, so seeing them that often, allows us to build relationships."

Client relationships and customer service is an integral part of the TWK team in Pietermaritzburg.

They often have open days where representatives (reps) from different companies come and showcase their products and introduce new products on the market. With the available space (and the coffee shop), clients are invited to experience a more informed and welcoming shopping experience.

**"Everything at the end of the day is for better service delivery," Bennie Parsons, New Holland department.**





TWK Trade branch, Pietermaritzburg

**Setting up an account**

If you are new to TWK or even if you are an existing client but you are growing your interests, don't be shy to ask about account options at the branch.

If you decide to go ahead, the branch can start your application. The region's credit relationship manager is Wayne Müller, and he will be able to assist you with any questions you might have regarding setting up an account here.

Here's a quick breakdown of options for farmers:

- Month accounts – for purchases at TWK trading branches (30 days)
- Production facility – for purchases (by farmers) at TWK branches (repayment scheduled to coincide with harvest times)
- Asset financing – enables consumers to acquire vehicles and farming equipment (maximum repayment period of 60 months)

This covers all the bases for farmers and their possible needs to run their farms efficiently and effectively.

**Don't forget insurance**

The region's TWK insurance offices, open since 2016, are also located in the hub. From the administrator, Thandeka Dube, to the broker, Charlene de Haas, the team is here to assist clients in their insurance needs.

What makes TWK's insurance options so appealing? Easy! They offer both long (see life insurance) and short-term (vehicle, household, etc.) insurance, crop insurance for the farmers, cover for plantations and even medical coverage.

If you own a business and you are looking for insurance cover, you can get in contact with them, even if you live and operate in a neighbouring town.

Their focus is on personal service and products specifically catering to everyone's needs, at the best possible price.

By Cornelia Vermaak ■



TWK Mechanisation, Pietermaritzburg



TWK Mechanisation, Pietermaritzburg

# Extremely important things you must know about bovine brucellosis

**Brucellosis is not a simple disease, and it can destroy the productivity of your herd. Here's what you need to know about it from the National Animal Health Forum.**

Brucellosis is a Controlled Animal Disease in terms of the Animal Diseases Act, 1984 (Act No. 35 of 1984) and there is no treatment to cure it in cattle. It is a herd disease. This means that if one animal in the herd is infected the whole herd must be considered as potentially infected.

### Vaccination is mandatory

It is compulsory by law to vaccinate all heifers against Brucellosis with a registered vaccine (a list of these vaccines is available as Table 2 of the Animal Diseases Regulations). However, the available vaccines in South Africa are S19 (Design Biologix and OBP) or RB51 (MSD). Vaccination helps protect your herd from disease, reduces the spread of the disease and decreases the number of abortions.

The S19 vaccine may only be administered once in heifer calves between four and eight months of age. If S19 is used at a later age, the animal may persistently test positive on blood tests, causing confusion about the animal's disease status.

The RB51 vaccine may be administered to non-pregnant heifers and cows at any age, because it will not cause positive blood test results. It's important to note that you should not vaccinate bulls with S19 or RB51, since they may become sterile as a result.

Pregnant heifers and cows infected with Brucellosis may abort their young; this can impact production in terms of number of calves weaned, total milk yield and prolonged calving intervals.

### How to identify infection

Identifying infected cows and heifers is very difficult and is one of the most alarming facets of this disease for farmers.

Cows and heifers infected with Brucellosis often look healthy, which is misleading. It also means that these animals, if they remain in the herd, continue to silently spread the infection. The most prominent way that the disease is transmitted is when an infected animal calves normally,



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## Reproduction protection through PRO-action

**Cattle brucellosis is a zoonotic\* infection with devastating effects on public health, animal health and reproduction.**

\*potential to infect humans

### BRU-TECT S19

Reg. No. G4496 (Act 36/1947)

**BRU-TECT S19** is a lyophilised vaccine containing live attenuated *Brucella abortus* S19 for the prevention of bovine brucellosis (contagious abortion). It supports and protects your herd's breeding production, milk production, milk sterility and prevention of milk contamination.



or she aborts. Both processes can release millions of bacteria into the environment that can easily infect other animals.

Heifers born from infected cows often test negative before they have calved, and then only test positive after their first calf is born. It is for this reason that vaccination is deemed to be the farmer's first line of defence.

#### From cows to humans

To prevent the disease passing to people through drinking unpasteurised milk, slaughtering an infected cow and handling infected birth material and aborted foetuses (calves), precautions can be taken at these times.

Human symptoms are flu-like with fever, headache, and body aches. If a diagnosis is not made and appropriate treatment follows, it can become a chronic illness that continuously relapses. However, meat from infected animals that have been identified as positive and are slaughtered at certified abattoirs has been said to be safe for human consumption.

#### Other precautions to take

Newly bought-in heifers pose a high risk and should ideally be kept separate from the rest of the herd until they have calved and have tested negative for brucellosis. Brucella bacteria can also be spread through run-off water from infected neighbouring farms. Predators such as roaming dogs, jackals and crows may carry infected material

(aborted foetus and afterbirths) between farms. Flies that feed on infected material may spread the bacteria mechanically when sitting on the mucous membranes of animals. When you are buying cattle, insist on vaccination records and recent negative herd tests of the farm of origin, which should have tested negative for brucellosis.

It is always advisable to isolate any cattle bought into the herd for biosecurity reasons; to test for different diseases, to get vaccinations up to date and to treat against internal and external parasites.

Owners are responsible for the health of their animals and may be prosecuted under the Animal Diseases Act, 1984 (Act No. 35 of 1984) and the Consumer Protection Act, 2008 (Act No. 68 of 2008) if they facilitate the spreading of Brucellosis.

The only person who can protect your cattle is you – so take positive steps now. For further information, please contact your state or private veterinarian.

Available vaccines in South Africa are Bru-Tect S19 from Design Biologix (Reg. Nr. G4496-Act 36/1947) or Brucella S19 from OBP (Reg. Nr. G101-Act 36/1947) or RB-51 from MSD (Reg. Nr. G3056-Act 36/1947) ■



**SCIENTIFICALLY PROVEN SUPPORT**

## Reproduction protection through PRO-action

Sheep and goat brucellosis is a **zoonotic\* infection with devastating effects on public health, animal health and reproduction.**

\*potential to infect humans

### BRU-TECT Rev 1

Reg. No. G4497 (Act 36/1947)

BRU-TECT Rev 1 is a lyophilised vaccine containing live attenuated *Brucella melitensis* Rev 1 for the prevention of ovine and caprine brucellosis. It supports and protects your herd's breeding production.



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 **BARENBRUG**

# The changing landscape

**“Dry.” “Very wet.” “Very hot.” This was heard often this past planting season. TWK’s forestry Sunshine Team has encouraging news for farmers in a time of change.**



This year, the start to the planting season, which traditionally begins in September, was delayed because planting conditions were not ideal. The early rains did not fall, and brushwood burning was delayed until the beginning of November.

These conditions impacted the nursery. Seedlings produced for the early season had to be cut back or thrown away. Finally, in November, the first rains arrived and there was great optimism amongst our growers to plant. Planting started and continued right up until Christmas.

Some areas had record rainfall, and whenever there was a clear day, seedlings were planted. Looking back at the plantings, it was worth the effort. The plantings are looking great with very few mortalities.

But January brought three weeks of extremely hot weather, so planting once again ground to a halt. Currently, we are waiting for cooler weather so growers can finish off the last of their plantings.

#### Adapting to heat

There is no doubt that the climate of Southern

Africa is becoming warmer. There is a high likelihood that agricultural production such as staple crops and livestock will be reduced.

With this, water scarcity is becoming a reality, and in many cases the amount of water being stored in the soil profile is reducing. Temperature changes can cause habitat changes and crop planting dates to shift, and droughts and floods due to climate change may hinder farming practices.

The questions those of us in the forestry industry need to ask is:

- How adaptable are we to these changes?
- Are the correct species being planted on the correct sites?
- Have you adapted your silvicultural (forestry) practices?
- Have you relooked at plant spacings and so many other factors that could affect the growth and yield of your plantations?

When we look back at the history of forestry, there have been vast improvements, constant

changes, and shifts in requirements. This has led to growers adapting to new species.

Twenty-five years ago, forestry clones were almost unheard of and another 25 years from now, these could be the only trees being planted. The ever-reducing land available for forestry will mean growers will need to get the most out of every hectare that is planted.

#### New demands

There is an ever-increasing demand for pulp, with export orders at an all-time high. The demand for local pulp, mining timber, treated poles and saw timber has increased substantially, which has, and is still, pushing prices higher.

Global consumption of timber products will grow substantially from current levels, with both developed and developing countries increasing consumption at the same time.



**“Water scarcity is becoming a reality, and in many cases the amount of water being stored in the soil profile is reducing.”**

*SP644 at 18 months*



**“Twenty-five years ago, forestry clones were almost unheard of and another 25 years from now, these could be the only trees being planted.”**

**“The forestry industry is looking very buoyant at the moment, with demand at an all-time high both locally and internationally.”**

This expected increase in demand for timber will coincide with long term forecasts of decreasing supply levels, which will influence global timber prices, and in turn, benefit timber farmers.

With the increase in demand for hardwoods, we are pleased to announce that we are making significant progress in the multiplying of a new range of eucalyptus clones that will be available as semi-commercial trial material next season.

## Some happy hardwoods

### **GxL222 -Grandis x Longistrata,**

Suited for drier sites without frost

Good density and an alternative for Dunnii on some sites

Has a less heavy canopy than a GxU, but can handle more heat and marginal soils

### **GxS211 -Grandis x Smithii**

Possible to plant at lower altitudes without having to worry about root borne diseases

Not as dense as Smithii but denser than Grandis

Altitude 800-1000 MT



*SP644 Rust wattle at 8 months planted on the farm of Matthew Crowe*

**Wattle clones**

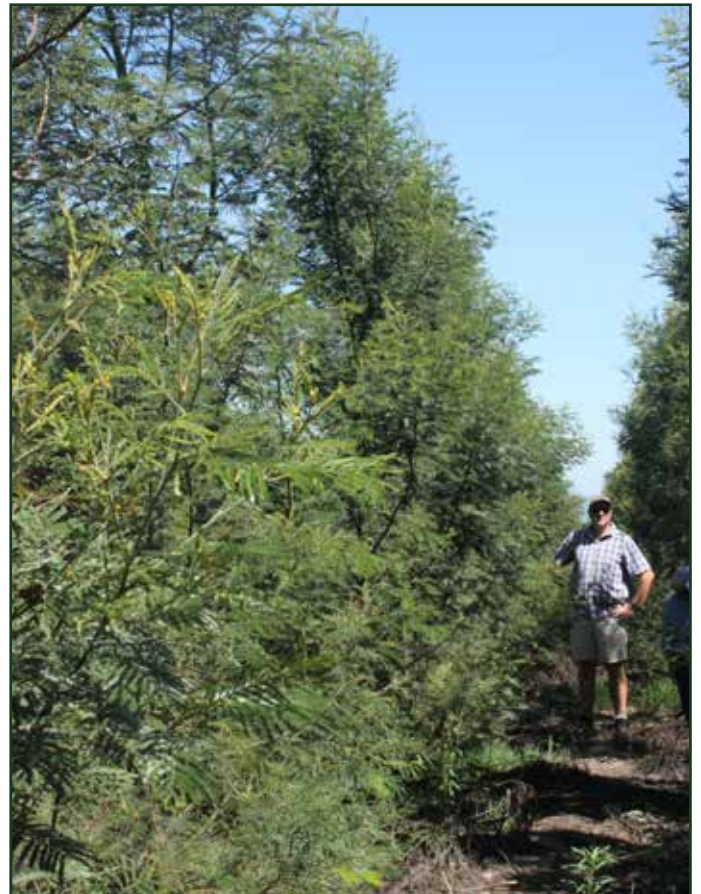
During the past two years the demand for the wattle rust clones, SP 644 and AF1, has surpassed our production capacity, so it is important that growers plan early and place their orders as soon as possible.

Growers who have planted the clones have only delivered positive feedback, and we were fortunate to visit a grower in the Seven Oaks area of KZN.

Matthew Crowe has seen a reduction in his bark and timber yield coupled with a total lack of uniformity of the trees.

After attending a Field Day at UCL and the advice of Mr Friedel Eggers, Mathew took the decision to plant 20 hectares of wattle rust clones between September and December 2021. The trees are showing exceptional uniformity and height in the region of four metres.

In the Vryheid area, we visited a compartment of wattle rust clones planted next to a compartment of normal wattle. Both had heavy mirid damage, but after the grower had sprayed the normal wattle, the trees suffered from a severe rust infection.



Matthew Crowe in a compartment of SP644

However, the clones showed no signs of the disease. This was clear proof for the grower that the future was in planting the SP644 / AF1 clones. As with all clones it is critical that only good sites are chosen to plant them.

**Seedling quality**

If a grower is unable to take seedlings for the time initially ordered, please let us know as soon as possible so we can try to move the plants to other growers whilst they are still in their prime condition.

With improved communication between the grower and the nursery, we can mitigate the chances of seedlings being delivered that are too large or too small.

This decreases the likelihood of plants dying or underperforming in the field and helps to sustain the industry.

The forestry industry is looking very buoyant at the moment, with demand at an all-time high both locally and internationally.

It is clear that growers will be felling more than anticipated, so place your orders timeously and ensure that you are taking advantage of the new clonal material on offer.

By Erich Jacobs ■

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Beesvet 33+ (V17357) (Wet 36 van 1947)



# COULD YOUR MOBILE PHONE EXPLODE?

These days, our mobile phones are an essential part of our daily lives, and are so much more than a telephone to call someone.

We take photo's, link up with friends and family via social media, check our diary and plan the months ahead on the calendar, see what the weather will be doing in a few days' time, catch up on the news, find the destination for our next meeting, record voice notes, watch the latest movie and more.

But is your mobile phone, in addition to being vital piece of equipment, a possible hazard to your safety? Could it blow up and start a fire in your home, your vehicle?

According to pcmag.com, "The average smartphone is unlikely to explode but it does happen". Generally, the problem is not with the phone but with the phone charger or the lithium-ion battery that powers the device. These batteries contain a careful balance of positive and negative electrodes to allow for recharging. If the battery is damaged in some way, such as being exposed to excessive heat or the casing of the battery is compromised, this chemical balance is affected, causing the inner components of the battery to break down and create a volatile reaction that can lead to an explosion or fire.

#### How does a phone overheat?

Overheating may occur if the phone is charged for longer than necessary (such as overnight), using the phone for calls while it is charging, or if the phone is charged in very hot temperatures, such as inside a car on a hot day. The interior of a closed vehicle in direct sunlight rises from 26 degrees to 38 degrees in just five minutes, while 28 degrees becomes a life-threatening 45 degrees in eight minutes (which is why children and pets should NEVER be left in a vehicle). Even if standing in the shade, an open vehicle in 28 degree heat will reach an interior temperature of 31 degrees in less than ten minutes.

#### Other issues to look out for

Lithium-ion batteries degrade with age and recharging, causing them to swell, resulting in bulging screens or back panels. The more you charge your phone, the faster this deterioration will occur.



**"Keep your phone away from heat and direct sunlight."**

**"Keep your phone from working too hard: don't use it while charging; turn off data to let it 'rest'."**



If you frequently drop your phone – be careful. The impact of falling may affect the battery components, resulting in damaged terminals or protective casing.

Faulty or incorrect chargers are also a major cause of exploding mobile phones. Only ever use the charger that came with the phone. It will have the appropriate current or voltage for the model phone – using the incorrect one will speed up battery deterioration and increase the risk of seeing your phone (and vehicle or home) go up in flames!

**What to look out for....**

- **Bulging screens and back panels.**
- **A phone quickly losing power despite not being used excessively.**
- **A phone that gets very hot very quickly.**

**Be careful...**

- **Never use fake, cheap or counterfeit chargers.**
- **Check that your charger is in good condition. Get a replacement if it has exposed wires or if there is cracking on the outer casing as damage like this may increase the risk of an electrical fault.**
- **Don't let your phone fall to below 30% charge too often as it puts strain on the battery, and instead of always charging it to 100%, aim for 80% which lithium-ion batteries prefer.**
- **Keep your phone away from heat and direct sunlight.**
- **Never cover the phone while charging or it may overheat.**
- **Keep your phone from working too hard: don't use it while charging and turn off data to let it 'rest'.**
- **If your phone acts strangely after being dropped, take it immediately to a service provider to get it checked.**
- **NEVER leave your phone charging for long periods without checking on it.**
- **Charge your phone away from potentially flammable materials such as curtains and bedding.**

Finally, never overload a socket while charging. While loadshedding tends to make us all rush to recharge as soon as we have power, be careful – and this advice doesn't only apply to charging mobile phones but relates to any electrical device. It's safe to use one extension cable in a double plug socket, but it would be dangerous to plug one extension cable into another or to have two extension cords plugged into one double socket.

For more advice on your insurance needs, contact one of our experienced brokers at: [insure@twkagri.com](mailto:insure@twkagri.com) or ☎ (017) 824 1000

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**Of all people, farmers know we cannot only have the good times; how well prepared you are means you're better equipped to manage whatever challenge is sent your way as the days get cooler.**

**H**ealthy crops dotting the horizons, calves about to be weaned and summer lambs about to be loaded out. Autumn is a busy season in its own right – for livestock, grain, and fruit farmers alike.

A large percentage of South Africa's grain and fruit production is exported every year. Thus, damage to these harvests can be costly for both your business and the broader economy.

Last year was quite a conundrum for livestock farmers. On the back of the Foot-and-Mouth disease that spread rapidly in South Africa, many farmers suffered financially.

But livestock farming is more than just FMD outbreaks that have to be managed.

Farmers need to think outside the box to survive the tide. For example, dairy farmers who are

**"With all the rain, it's a good idea to check that water isn't running freely into the silage, which could cause the silage to go to waste."**

**"Animals dependent only on natural grazing for their daily nutrients will have different nutritional needs from others, so make sure you give the right amounts of mineral supplements to each."**

# How to weather an eventful autumn





dependent on electricity for milking, it's an ideal time to look into investing into alternative power solutions. Fuel costs are going up, so relying on generators will not always be feasible.

**Weather woes**

This past summer once again brought very wet weather to the summer rain regions, with local and wider flood flooding in many regions, which has caused significant damage to infrastructure as well as to our diverse agricultural sectors.

On the other hand, the winter rainfall regions have suffered with veldfires since early December.

This means that two exact opposite forces of nature have caused damage in the same country, only in different regions. There is also the presence of drought in some areas.

In the summer rain fall areas, hail can pose a challenge between October and March

for farmers since it causes damage to crops, especially fruit. This is why having the right insurance coverage is crucial.

Autumn might be on the tail side of cutting silage and hay, but with all the rain, it's a good idea to check that water isn't running freely into the silage, which could cause the silage to go to waste.

**Insects and fires**

Insects like locusts also pose a threat to grain, so keep an eye – and ear – out for these swarms.

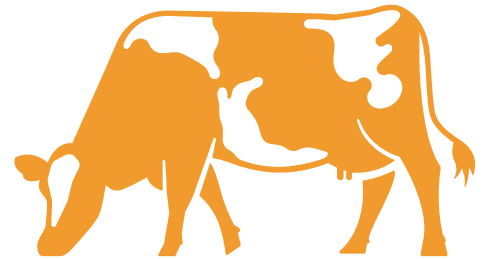
With the wet weather, it's also a good idea to get a specialist out to check what new creepy crawlies or bacteria have made a home in your trees and crops.

External parasites (ticks and mosquitos) flourish during the summer months when it is warm and humid. Summer and autumn are also the months that see the most tick-borne illnesses amongst animals such as red water.

Make sure you have enough medication (ask for help with different products at your local TWK branch) that you can use to treat sick animals. Learning to identify sick animals early and accurately will also help increase their survival rate and keep your losses to a minimum.

Later in autumn and going into winter, summer rain regions will start contending with veldfires whilst crops will not yet have been harvested.

By the end of autumn, farmers should be preparing their firefighters and servicing other firefighting equipment for the upcoming fire season. This will give you time to order parts that might not be working anymore or build your teams.



**Autumn basics for livestock farmers**

1. Livestock will need to be on a management program suitable for your area;
2. Cattle and sheep should be vaccinated against Pasteurella in autumn;
3. Winter calves will be coming around March;
4. Breeding bulls should be tested by your veterinarian at the end of summer and start of autumn;
5. It's an ideal time to deworm calves (especially for tapeworm) at the end of summer and the first month of autumn;
6. Check your cows to confirm whether or not they are carrying calves in late autumn;
7. At the end of autumn, make sure to dip your livestock again before heading into winter;
8. The end of autumn is also when calves are weaned (generally around seven months old);
9. If you have any animals that you will not be keeping as breeding animals, it would be best to market them before the winter as they will lose weight unless they are fed extra feed in the cold season.

**Vaccinate your stock**

There are several vaccines that should be administered to different livestock in autumn, and you can confirm these with your veterinarian.

Some might be more important than others, depending on your region; these are still important preparations that must be done by the time winter comes around.

Use these autumn months to clean your animals of both external and internal parasites, ensuring they are at optimum health going into the

winter months. Animals that are in poor condition during autumn will suffer during the winter.

**Don't forget supplements**

Natural grazing will be losing much of its nutritional value in the summer rain regions from autumn through winter.

Animals dependent only on natural grazing for their daily nutrients will have different nutritional needs from those who get extra feed, or who are grazing on alternative feed sources, so make sure you give the right

amounts of the correct mineral supplements to each.

During the later stages of autumn, you should have already made the decision on which winter lick you will be giving your livestock. If you are unsure, speak to a consultant at your local TWK branch.

You can also download the Molatek and Voermol mobile apps to check which products are best suited for your livestock's needs, and when to feed them. Booklets on the different products are also available for those who prefer old school reading.

**And about the money**

All these production risks, together with input

costs and availability of certain products can impact the profits of commercial farming.

We cannot control the weather, but having a financial management plan in place, keeping your insurance up to date, and staying on top of your farm's needs, will already help you stay ahead.

Farmers who are already contending with much higher input costs in many instances, don't always get the prices for their products that justify the input costs. That's why farmers need to learn to shop for the best prices, and the best solution for their needs.

In times of high costs, livestock theft tends to increase. If you have animals or grain that you

want to market and you cannot ensure their safety, consider marketing your stock.

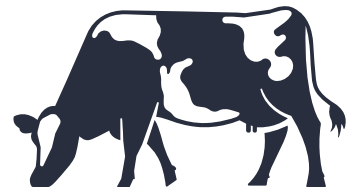
Otherwise, speak to your broker during the year and ensure that your insurance is up to date and that you are covered sufficiently – whether for your crops or your livestock, and your home.

Keep in touch with your local TWK branch marketers, as they will also keep you up to date on specials and new products best suited for you.

Lastly, have a good working relationship with your veterinarian as they will help you to keep your herds healthy.

By Cornelia Vermaak ■

**"Learning to identify sick animals early and accurately will also help increase their survival rate and keep your losses to a minimum."**



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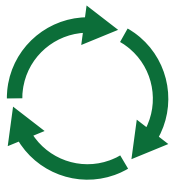
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- Norman Dlamini, FSA Director: Business Development Unit

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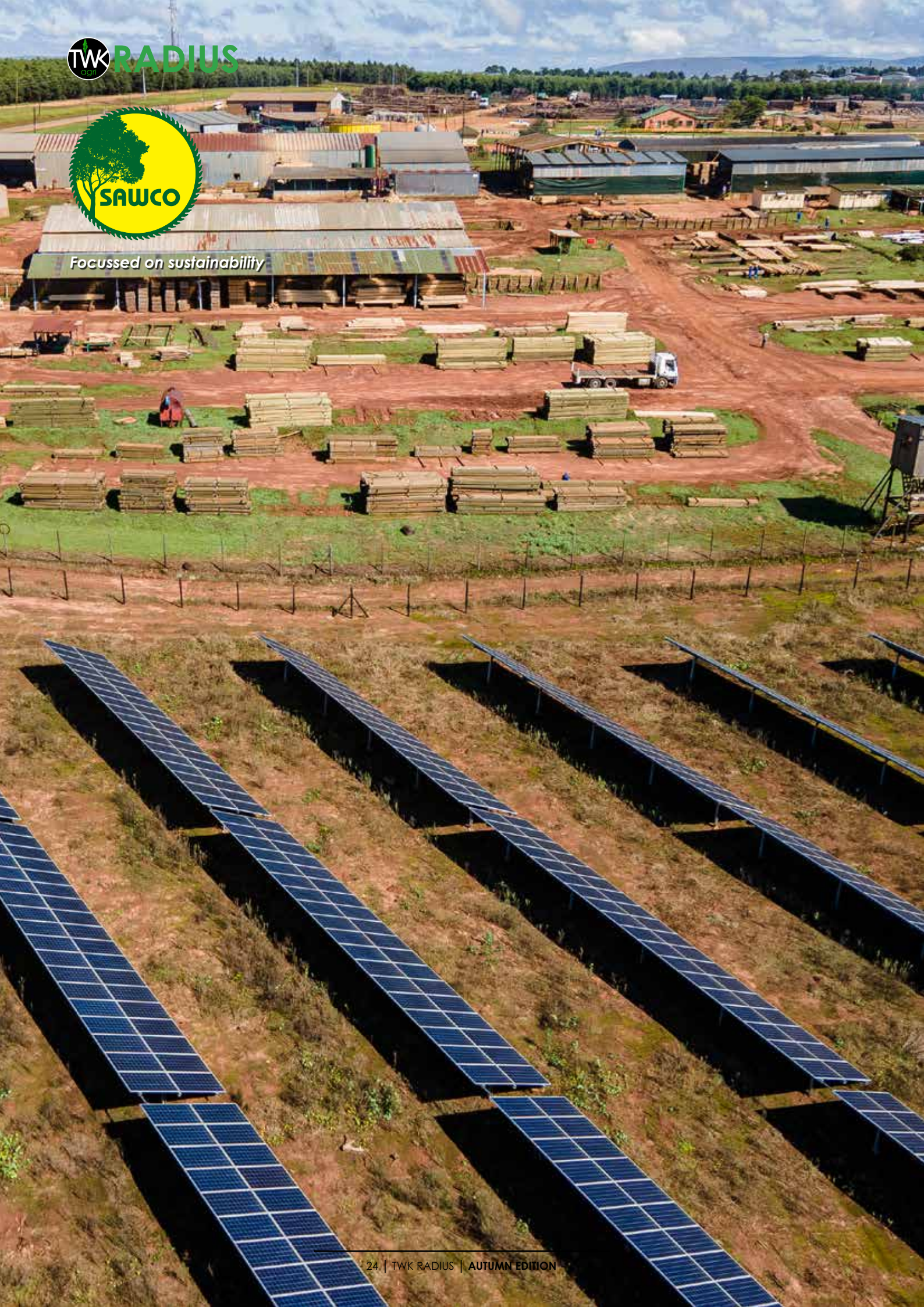
- Michael Peter, FSA Executive Director







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### CONTACT US:

**Johan Bender**  
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'n gelukkige gesin, familie, vriende,  
voorspoed, welstand, sukses (God s'n)  
en betekenis."**





**N**ou gaan ek met jou deel hoe verdwaal ek was; asook die frustrasie om onder Mammon se juk te wees. Ek het dinge nagejaag wat ek nie moes nie; ek het dinge begeer wat ek nie gekry het nie; ek het myself teenoor ander gemeet; ek het in skuld geleef; ek het eers ander dinge gesoek en God se koninkryk tweede geplaas.

Alhoewel ek nou vry is van Mammon se juk, vat ek jou terug toe die stryd binne-in my gewoed het, en hoe ek gesukkel het omdat ek buite God se raamwerk – Sy koninkryk – gefunksioneer het. Terwyl jy hier lees, doen introspeksie.

### **As jy gedurig so voel, is dit 'n goeie aanduiding dat jy heel moontlik die verkeerde juk dra:**

**Ek is moeg, nie net fisies nie; my gees, my siel, my liggaam, my emosies, my oë, selfs die hand wat hier skryf, is moeg.**

Ek jaag die wind so in die dag dat ek nie eers in die aand die krag het om die broodnodigste te doen nie – tyd saam met God deur te bring. Die gejaag hou my só besig dat ek nie die krag het om Bybel te lees nie, en as ek bid, raak ek aan die slaap. Permanent moeg, deurmekaar, uitgeput, ongelukkig en gestres. Moeg om te baklei om kop bo water te hou. My emosies rand my aan.

Daar is te veel dinge om te doen en te min tyd, ek kom nie by alles uit nie. Soveel om te doen dat ek nie weet waar om te vat en waar om te los nie. Die pas van die lewe raak te vinnig; moet selfs my kos in die loop begin eet, kou nou en sluk later. Vereistes en druk van alle kante; emosioneel oorbelaa. Ek is soos 'n styfgespande rekkie; wanneer gaan ek 'snap'? Ek is nie gelukkig nie, ek voel kwesbaar, ongemaklik en ongesond. My hart is seer en swaar.

Onder al die nuttelose pogings, valse gesigte en afbetaalde sukses, lê 'n vakuum sonder vreugde en vrede. Ek kan daai gat probeer vul met wat ek ook al in die hande kan kry, of op watter manier ek ook al 'n item kan finansier, maar dis soos Martin en Kluck skryf: 'vreugde weier om in dieselfde vertrek te wees as enigiets wat dreig om dit te vernietig.' Ongeloof wil my beroof; ek is onseker oor die toekoms. Ek is bang. God ken ek nie ... maar vrees ken ek wel.

Ek wil saam met die Here wandel, maar ek wandel in vrees. Ek word gedryf deur vrees en angs – hulle neem my besluite. Nie net neem vrees en angs besluite namens my nie, maar hulle verlam my denke.

Al probeer ek hoe hard, ek kry nie helder gedink nie, en dit laat my nog meer magteloos voel. Ek het geen vrede nie, vrees en angs oorweldig my – dit neem my totale gedagtegang in beslag. Soms voel dit asof die aarde my wil insluk, asof die lug dikker raak, te dik om asem te haal. Asemhaling raak moeiliker, vrees en angs bedreig my suurstof. Ek voel druk van alle kante af, en ek is bekommerd oor alles.

Dit voel asof Van Heyningen my beskryf wanneer hy sê dat die 'vernietigende mag van stres, spanning en kommer die grootste moordenaar van jou droom is.' Hy is reg as hy sê, 'dit vernietig alles wat mooi, edel en goed is.' Dit bring die slegte in my na vore.

Martin en Kluck se woorde is my realiteit: 'Music didn't sound good, food didn't taste good, the world seemed dark and bleak. Life seemed a series of disappointments, peppered with occasional rays of hope.' Ek sien die grys en donker in alles rondom my. My omstandighede lyk swart en my toekoms lyk woens en somber.

### **Wêreldse 'sukses' beteken net meer eters. Die stryd raak net duurder en die risiko net groter. Die spanning, vernedering, frustrasie en pyn raak alledaags. 'Sukses' leer my hierdie is aanvaarbaar. 'Sukses' leer my hoe om daarmee saam te leef.**

Die wêreld se sirkel van sukses sluit in: spanning, ongesonde dieet, emosionele dreinerings, min slaap, uitstel, onproduktiwiteit, verder agter raak met alles, meer druk, nog meer spanning en minder slaap wat uitloop op 'n ongebalanseerde liggaamsklok, en al



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waarvoor dié 'sukkses' goed is, is om hierdie ongesonde siklus aan die gang te hou. Ek weet nie meer nie. Is daar hoop?

Is daar 'n toekoms? Is die dood nie beter as dié gejaag na wind nie? Een ding erger as armoede, is die afwesigheid van hoop. Ek voel hulpeloos. Al het ek geld in die bank, laat dit my alles behalwe beter voel. My drome verduister in die wind. Lyk my teleurstelling is my vriend, ek moet hom verwelkom en gemaklik raak met hom.

Ek begin al hoe meer dink geld het mens vervang. Asof chaos toeneem, liefde verkoel en sensitiwiteit oorneem. Hierdie een soek dit, daardie een dat; alles trek my uitmekaar. Hoe meer ek het, hoe meer moet ek myself verdeel. Ek voel soos 'n stuk vleis wat deur honger wolwe uitmekaar geskeur word.

Wanneer gaan hierdie gejaag ophou? Hierdie lewe voel soos een groot gejaag na wind, en hierdie gejaag maak my ouer. Ek verouder letterlik voor my tyd. Soos 'n hoender wat sonder 'n kop rondhardloop, so hardloop ek rond en jaag dinge vir die volgende paar rand wat ek kan maak, en ek noem dit ambisie.

Werk hard om geld te kry om kos te koop om energie te kry om weer hard te gaan werk. Dag in en dag uit. Agteroorbuig om alles te kan betaal, doen besigheid om goed op te gaan, om 'sukksesvol' te lyk in die wêreld se oë. Dit alles doen ek wetende dat ek eendag naak grond toe gaan. Al hierdie opgegaarde wind is verganklik, dit kan enige oomblik verdwyn. Met al die besittings voel dit asof ek niks bereik het nie, en nêrens heen op pad is nie.

**Ek soek vrede, geluk, gesondheid, 'n gelukkige gesin, familie, vriende, voorspoed, welstand, sukses (God s'n) en betekenis.**

**Ek jaag agter elke vooropgestelde begrip hiervan aan, min wetend dat alles wat ek ooit wil hê, in God opgesluit is. Alles wat ek begeer, is in Hom. Soek eers Sy koninkryk en Sy geregtigheid, Wilco, dan sal Hy jou gee wat jou hart begeer. Ek ken dié skrifgedeelte, maar ek interpreteer dit verkeerd. Ek hoor, maar ek pas dit nie toe nie.**

Ek jaag rond agter al my begeertes aan, en ek mis die belangrikste van alles. Alles wat ek tot dusver gedoen het en wat ek bymekaar gemaak het, is verganklik ... dit is stof. Dit gaan eendag óf gesteel word, óf roes, óf verniel, óf weggegooi word. Dit is niks, dit beteken niks. Beïndruk mense kom eerste, vertrou op God tweede. Probeer alles eers self, en vra die Here later.

Jaag wind jou hele lewe deur, en eers as jy moeg en uitgeput aan die einde van jou lewe kom, besef jy dat die Here 'n plan vir jou gehad het. Dink jy behoort aan jouself, maak nie saak dat die Skrif sê jy is met 'n duur prys gekoop nie. Ek het die aardse, vleeslike – amper demoniese – leuen gerasionaliseer.

Dié leuen steel nie net my vrede nie, maar hou my gedagtes in 'n konstante toestand van wanorde. Dit voel soos 'n strik, ek is vasgevang en sien nie uitkomkans nie. Soos Alcorn skryf, selfs die 'dinge wat ek in klein hoeveelhede waardeer het, het hulle waarde verloor in die groot hoeveelhede.' Byvoorbeeld uiteet, dit was altyd lekker, dis nou 'n platoniese algemene gebruik – te veel van 'n goeie ding is nie so goed nie. Die wêreldse weelde demp nie net gawes nie, maar ook die genade.

My identiteit en waarde word in die gebroke wêreld gevind, en ek beskerm dit met elke greintjie krag. Ek klou met 'n stewige greep aan dié siekte vas. Ek is só hardnekkig wanneer dit kom by my denkbeeldige onafhanklikheid, en ook só seker van my eie oordele, dat ek verlore is in my persepsie van die werklikheid.

Dit voel asof ek in 'n titelgeveg is met die wêreldkampioen – die sisteem – as my opponent, en ek is besig om hierdie laaste rondte te verloor. Ek het God verloor terwyl ek so besig was met die Christelike leefwyse. Godsdienstige laste (pligte) weerhou my van ware lewe. Ek kyk om my en ek is alleen – geen Herder nie. Ek was so besig met die dinge van die wêreld, ek het my Herder verlaat.

My omstandighede laat my dink aan die woorde van A.W. Tozer: 'We Christians are in real danger of losing God amid the wonders of His Word. The simplicity which is in Christ is rarely found among us. In its stead are programs, methods, organizations and a world of nervous activities which occupy time and attention but can never satisfy the longing of the heart. The shallowness of our inner experience, the hollowness of our worship and that imitation of the world which marks our promotional methods and testify that we, in this day, know God only imperfectly, and the peace of God scarcely at all ...'

Gierigheid word vermom as ambisie. Dis asof Martin en Kluck oor my skryf: 'I had overemphasized becoming a provider for my family. I didn't just want to provide. I wanted to be idolized by my family and by others.' Die gaping tussen wat ek nou het en wat ek graag wil hê, put my uit, die frustrasie eet my op.

Tevrede met niks, is ek heeldag op soek na iets om hierdie hongerte in my te stil. Kyk konstant in goed vas wat ek soek en dink by myself, as ek dit kry, gaan dit my gelukkig maak. Gierigheid is afgodery – ek is besig om my hongerte te verafgod.





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My begeertes lei na sondes, en die sonde verteer my. My sonde veroorsaak fisiese, emosionele en verstandelike pyn. My haastigheid en begeertes het my van God af weggesleep. Kry mens iets soos 'n ongelowige gelowige? Want ek het soos Martin en Kluck beskryf, 'n 'funksionele ongelowige' geword.

**Sny die kettings, Here, bevry my van dié kringloop sodat ek U werk kan doen. Ek vrees die toekoms en sukkel om sonder bekommernis te leef. Leer my om op U te vertrou ... leer my volkome afhanklikheid van U. Ek het soveel drome en begeertes, maar ek wil dit neerlê, ek wil alles aan U oorgee.**

**U het ook drome vir my; soms wens ek my eie drome en dit wat U oor my droom, kan dieselfde wees. Hierdie ontevredenheid en onvergenoegdheid is 'n teken dat ek nog nie my lewe ten volle aan U oorgegee het nie. Ek hou steeds beheer oor sekere aspekte. Ek moet nog ten volle sterf. Mag daar 'n einde kom aan hierdie gejaag na wind.**

**Mag die berg voor my verdwyn – hy is onsigbaar, maar tog so werklik dat ek hom kan voel. Help my asseblief, Here.**

Amen.

Wilco Naumann  
Skrywer en Spreker ■

# GRAAN TOEKENNINGS VIR 2022

Tydens Graan se jaareinde, 2022, is daar deur Nywerhede erkenning gegee aan personeel wat buitengewoon presteer het.

Toekennings aan:

**1. Span van die jaar**

**Menslike Hulpbronne Departement: Sagrys Klopper en span**

Hierdie toekenning word gemaak aan die ondersteunings-besigheidseenheid wat nie direk onder die Nywerhede val nie, maar weens goeie diens en ondersteuning, wel 'n weselike bydrae lewer aan Nywerhede.

**2. Bemarker van die Jaar**

**Flippie van der Merwe**

Toekenning vir die weselike bydrae met betrekking tot Soya- en Volvet-bemaking.

**3. Pesoneellid van die jaar**

**Zitha Nkumane**

Hierdie toekenning word toegeken aan die pesoneellid wat die ekstra myl loop. Zitha het 'n groot verskil gemaak om alle meel vragte betyds by kliënte af te laai. Hy reël vragmotors, laai vragmotorse en sien ook toe dat die papierwerk glad verloop.

**4. Besigheidseenheid van die Jaar**

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## STRIVE

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## RENEW

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## SUSTAIN

A fresh outlook on business, underpinned by experience and knowledge.



## CONSERVE

We take responsibility to protect the environment in which we work, thereby conserving a legacy for the future.



## DEVELOP

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## HEAD OFFICE

🏠 2 Coetzee Street, Hartbeesfontein  
PO Box 71, Hartbeesfontein, 2600

🌐 [www.staalmeester.co.za](http://www.staalmeester.co.za)

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**Bedryfspunt van die jaar:** Mkondo Meule - Chris Roelofse  
**Personeel lid van die Jaar:** Zitha Nkomane  
**Bestuurder Nywerhede:** Thys Visagie  
**Bemarker van die Jaar:** Flippie van der Merwe  
**Span van die jaar:** Human Resource Department: Sagrys Klopper



**SPAN VAN DIE JAAR - 2022**  
TWK Menslike Hulpbronne Departement







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# PROTECT YOURSELF & YOUR APPLIANCES

Whether it's from load-shedding or because the power goes down during a storm, there are inevitably going to be periods when you may not have electricity to keep your appliances running as they should do.

Power surges that occur when the power is reconnected are the most common cause of damage to appliances. A 2022 survey conducted by InfoQuest/TrendER, a South African online research company, found that almost 60% of respondents had at least one of their home appliances damaged or destroyed due to power surges as a result of load-shedding, and one in two had lost the contents of their fridge at least once.

## Steps to take to protect your appliances

- Disconnect and unplug appliances and devices from mains power during power cuts. Often when power comes back it may only be for one or two phases, so wait for the power supply to stabilise and the flickering of lights to stop before plugging things in again. This also puts less pressure on the power grid when power is restored – additional immediate demand from electrical infrastructure like transformers and mini-substations may cause further electrical faults and more prolonged power outages
- Install DB board surge protectors
- Replace standard plugs with surge-protecting variants.

## To protect your perishable foodstuffs:

- Keep the fridge and freezer doors closed during a power cut, as much as you can. Opening the fridge and / or freezer compromises the coldness that keeps your food fresh. Take what you need out beforehand when you know load-shedding is going to occur, and keep items such as butter, salad, milk etc you'll want to use in a cooler box with frozen freezer blocks. Put them back in the fridge when the power returns.
- Fill 2-litre cold drink bottles with water and freeze them. Put them in the fridge just before load-shedding starts – they will make a dramatic difference in keeping the fridge cool for the hours that the power is off.
- Insulate your fridge / freezer / cooler box with towels or blankets – no seal is 100% airtight. It is vital to ensure that the air vents at the back of the appliance are not covered.

## Water and safety issues:

If you use a pump and water tank (Jojo), keep it filled with a short period of pumping at regular intervals when the power is on. Set up a

float system so that you can visually determine your tank's water level.

Security systems such as alarms, electric gates and fences will not operate after extended periods without power, so be ultra-vigilant as criminals are using the darkness to their benefit. Getting an inverter or generator will help ensure your security system is active during outages. When using a generator, ensure that it is kept somewhere that it cannot be stolen! Installing solar lights or getting LED rechargeable light bulbs and rechargeable torches will ensure you keep the lights on during power outages.

For more advice on your Insurance needs, contact one of our experienced brokers at: [insure@twkagri.com](mailto:insure@twkagri.com) or ☎ (017) 824 1000

Source: Safire Insurance

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# BASJAN SE BOOMHUIS

## LEKKER VERJAAR, BASJAN

*Kinderstorie deur Jaco Jacobs  
Illustrasies deur Johann Strauss*

Op Basjan-hulle se plaas is 'n boom.

'n Groot ou boom met digte blare.

Dis die perfekte boom om kaalvoet in rond te klouter.

En in hierdie boom is Basjan se boomhuis.

Basjan se boomhuis is die beste plek op aarde om te speel, skatte weg te steek, te dagdroom, planne te maak ... of weg te kruip as Ma jou roep om huiswerk te kom doen!

Vanoggend raak-raak die eerste sonstrale aan die takke van die groot ou boom. Basjan is nog nie in sy boomhuis nie. Hy lê nog lekker en slaap in sy bed. Strepies, sy mak muishond, lê by sy voete.

Skielik lig Strepies sy kop.

Basjan se kamerdeur gaan saggies oop. Voetstappe sluip binne.

**“Veels geluk, liewe Basjan, omdat jy verjaar!”**

Basjan se oë vlieg oop. Hy sit verbaas regop.

Mamma, Pappa en Karlien staan in sy kamer. In Mamma se hand is 'n kolwyntjie met 'n kersie bo-op. Die kersie is in die vorm van 'n nege. Basjan is skielik wawyd wakker. Nou onthou hy ... vandag is sy verjaardag!

“Blaas dood die kersie, Basjan!” sê Karlien.

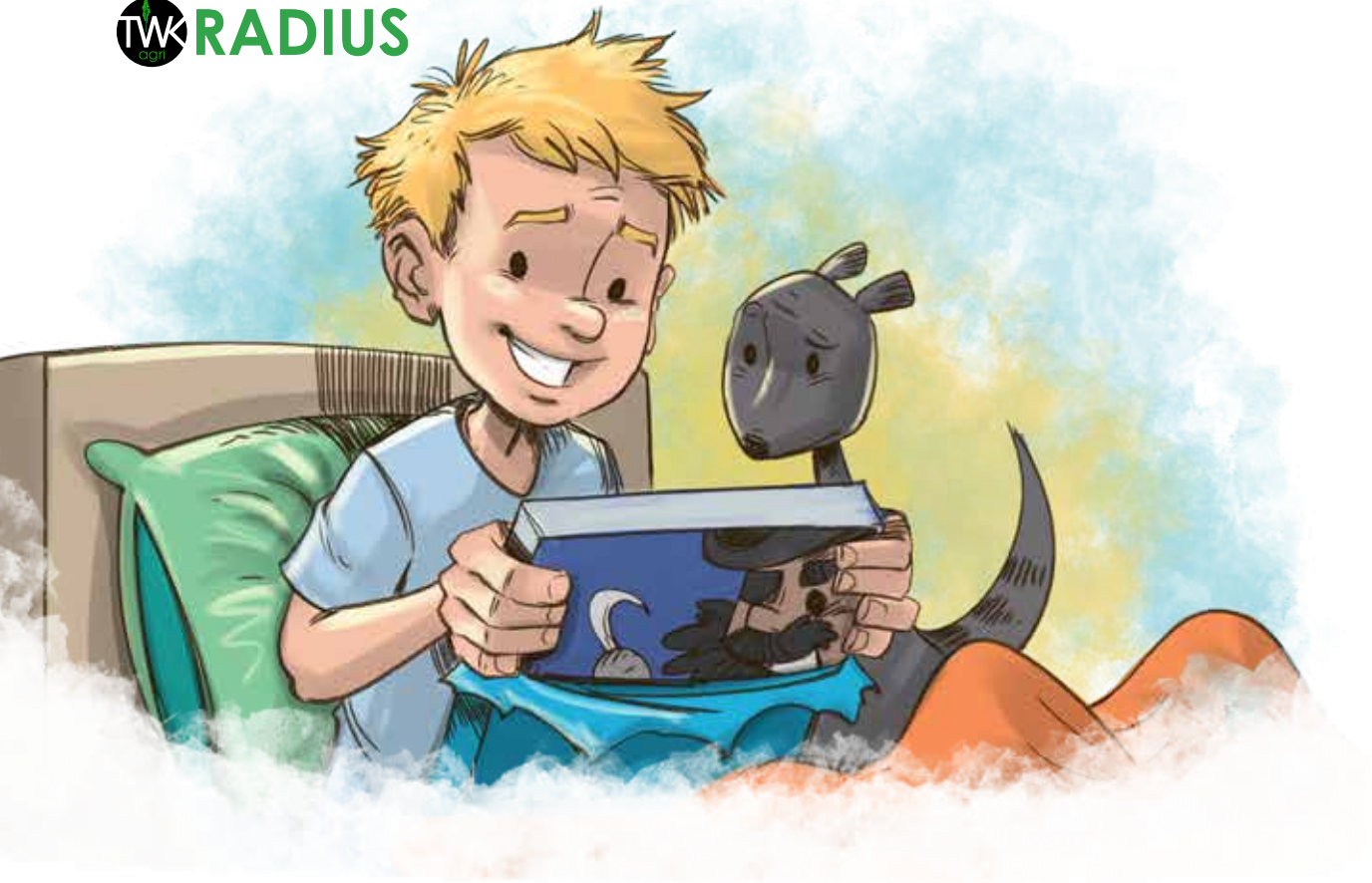
Basjan sit regop, trek sy asem in ... en blaas die kersie dood.

Almal klap hande.

“Baie geluk, ou seun,” sê Pappa.

Hy gee vir Basjan 'n geskenkpakkie. Basjan frons. Wat kan dit wees? Dit lyk nie eintlik soos die geskenk waarvoor hy gehoop het nie. Hy begin die pakkie oopmaak. Strepies snuffel nuuskierig aan die pakkie. Dit lyk of hy ook nie kan wag om uit te vind wat binne-in is nie. Basjan skeur die laaste stukkie papier oop.

“Sjoe, dankie, julle!” sê hy.



Dit is 'n nuwe bordspeletjie.

“Ons hoop jy gaan groot pret daarmee hê,” sê Mamma. “Almal sê dit is 'n baie lekker speletjie.”

Basjan probeer sy bes om nie teleurgesteld te lyk nie.

“Dit lyk baie lekker,” sê hy.

“Trek gou aan,” sê Mamma. “Ek het vir jou 'n lekker verjaardagontbyt gemaak.”

Mamma het 'n groot ontbyt met spek, eiers, wors, varsgebakte plaasbrood en gebraaide sampioene gemaak. Basjan hou nie van sampioene nie. Hy voer dit skelmpies onder die tafel vir Strepies. Maar die res van die kos is heerlik! Basjan mag sy spesiale verjaardag-kolwyntjie vir nagereg eet. Dit is die eerste keer dat hy nagereg saam met ontbyt kry!

“Mamma,” vra Basjan toe hulle klaar geëet het, “ek weet ons gaan nie dié jaar 'n partytjie hou nie, maar sal Mamma vir ons lekker eetgoed en koeldrank gee as Neville en Nandi vandag by my kom kuier?”

Neville en Nandi is 'n tweeling. Hulle pa boer op die buurplaas. Dit is so naby dat hulle sommer hierheen stap wanneer hulle kom kuier. Daar gaan amper nie 'n dag verby wat hulle nie by Basjan kom kuier en saam in sy boomhuis kom speel nie.

Mamma gaap. Dit lyk of sy sleg geslaap het. “Uhm ... Basjan,” sê sy, “ek is jammer, maar ek het slegte nuus. Ek wou die tweeling nooi om vanoggend te kom kuier, maar hulle gaan ongelukkig nie kan kom nie. Die tweeling moet vandag saam met hulle ma en pa na 'n groot skou toe gaan.”

Agge nee! Basjan het gehoop sy twee beste maats kan darem vandag by hom kom inloer. Hulle kon



sommer hulle eie klein verjaardagpartytjie bo in die boomhuis gehou het.

Mamma begin in die kombuis werskaf. Pappa gaan buitentoe om met die plaaswerk te help.

“Karlien,” vra Basjan, “het jy lus om my nuwe bordspeletjie saam met my te speel?”

Karliën skud haar kop. “Jammer, Basjan,” sê sy. “Ek moet Maandag 'n mondeling by die skool doen. As ek nie vandag begin leer nie, gaan ek dit nooit in my kop kry nie.”

Basjan sug. Dit lyk of almal te besig is om vandag saam met hom iets op sy verjaardag te doen. “Kom, Strepies,” sê hy. “Ons twee sal maar in die boomhuis gaan speel.”

Gelukkig is Strepies darem nie te besig nie. Basjan gaan lê bo in die boomhuis en lees. Strepies jaag goggas wat hy tussen die boomhuis se planke uitsnuffel.

Ná 'n ruk hoor Basjan vir Pappa roep. “Basjan! Kom gou ondertoe, asseblief.”

“Ek kom, Pappa!”

Basjan klouter soos blits af.

“Basjan, sal jy vir my 'n guns doen, asseblief?” vra Pappa. “Gaan kyk gou vir my of die perdekampie se dam water het.”

Basjan knik, al is hy nie regtig lus om so ver te loop nie. Die perdekampie is 'n hele ent se stap. Hoekom ry Pappa nie sommer daarheen nie?

“Kom saam, Strepies,” sê Basjan.

Hy en Strepies val in die pad. Gelukkig is dit 'n lekker koel oggend. Die beste wei rustig in die veld. 'n Paar van hulle kyk op en kou lui-lui verder terwyl hulle kyk hoe Basjan en Strepies verbystap.



Strepies snuffel agter elke bossie en graspol rond. Basjan lag toe hy 'n akkedis jaag. Die akkedis is te vinnig vir hom.

Uiteindelik is hulle by die perdekampie. Basjan klouter deur die draad. Die perde wei 'n ent weg. Hy klim op die trappie en loer oor die rand van die dam. Die dam is amper vol. Strepies klouter rats teen die perde se krip op en drink water. Dit lyk of die akkedisjag hom dors gemaak het.

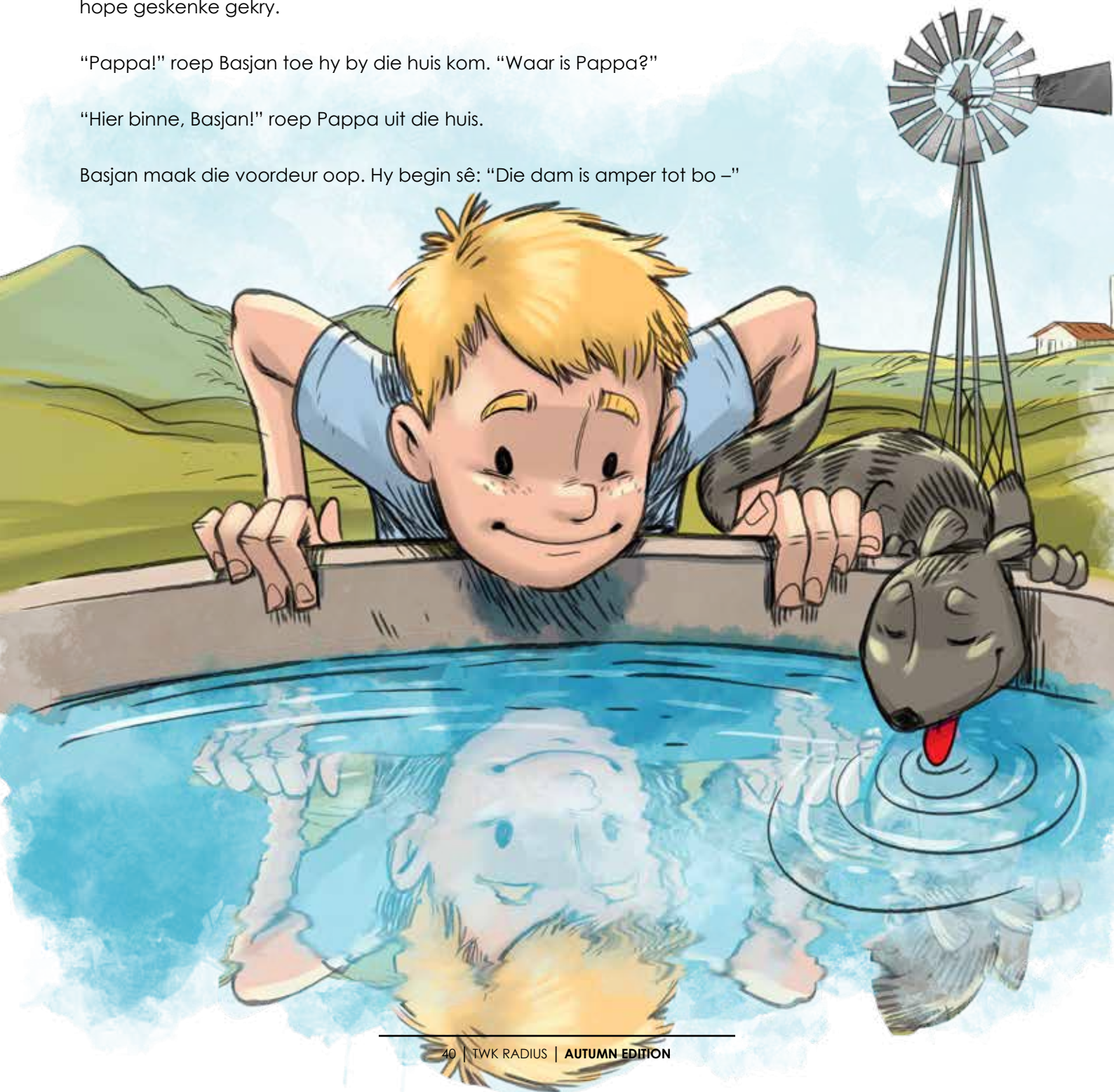
“Kom, Strepies,” sê Basjan toe Strepies klaar water gedrink het. “Nou moet ons weer al die pad terug stap.”

Anderkant die plaashuis is 'n stofstreep. Dit lyk of daar iemand aangery kom. Basjan begin nou warm kry. Hy sug. Vandag is regtig 'n vervelige verjaardag. Laas jaar het hy 'n partytjie gehou, maats genooi en hope geskenke gekry.

“Pappa!” roep Basjan toe hy by die huis kom. “Waar is Pappa?”

“Hier binne, Basjan!” roep Pappa uit die huis.

Basjan maak die voordeur oop. Hy begin sê: “Die dam is amper tot bo –”





Maar skielik roep 'n klomp stemme:

## **"Verrassing! Lekker verjaar, Basjan!"**

Basjan se oë rek. In die eetkamer is Mamma, Pappa, Karlien, Nandi en Neville ... en Oupa en Ouma.

"Wat ... waar kom almal vandaan?" vra Basjan verstom.

Mamma lag. "Oupa en Ouma het besluit hulle kom kuier vir jou verjaardag," sê sy.

Ouma knipoog. "Ons het gesê Mamma moet dit vir jou 'n geheim hou sodat ons jou kan verras."

"Toe reël ek sommer dat Nandi en Neville jou ook kom verras!" sê Mamma. "Ek het so 'n klein bietjie gejak oor die kamstige skou."

Basjan gee vir Oupa en Ouma elkeen 'n groot druk. Daarna gee hy vir die tweeling ook elkeen 'n druk.

"Ons het vir jou 'n geskenk gebring, Basjan," sê Neville. "Maar jy moet belowe ons mag ook daarmee speel."

Nandi stamp aan hom. "Sies, Neville!" raas sy. "Waar is jou maniere?"

Basjan lag. Die tweeling is gedurig besig om oor iets te stry.



Op die tafel staan 'n groot verjaardagkoek. Dit is pragtig versier. Bo-op die koek is 'n boom wat lyk of dit van versiersuiker gemaak is. In die boom is 'n boomhuis – wat nes Basjan s'n lyk! Mamma het dit seker laas nag gebak en versier!

“Ons het vir jou nog 'n verrassing,” sê Pappa. “Ons kon dit nie vanoggend vir jou gee nie, want ons het Oupa en Ouma gevra om dit in die stad te koop en saam te bring.”

“Dit was 'n bietjie te groot om toe te draai,” sê Ouma.

“Dit was amper 'n bietjie te groot om in die kar te pas!” lag Oupa.

Pappa stap uit. 'n Oomblik later kom hy weer binne. Basjan se oë rek.

'n Splinternuwe fiets!

“Is dit myne?” vra Basjan.

Pappa knik en glimlag.

Dit is die mooiste fiets ooit. Dit is swart en rooi en dit lyk blitsvinnig.

“Dit is presies wat ek graag wou gehad het!” sê Basjan. “Baie, baie dankie!”

Nou is dit Pappa en Mamma se beurt om elkeen 'n groot druk te kry.

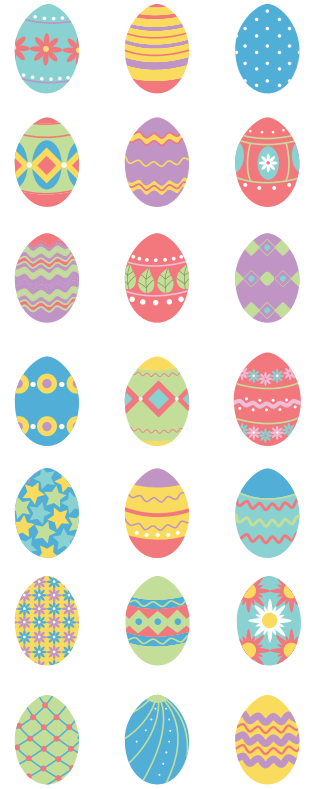
Basjan grinnik van oor tot oor terwyl hy sy nuwe fiets buitentoe stoot.

Netnou het hy nog gedink vandag is 'n vervelig verjaardag ... en toe is dit die **beste verjaardag ooit!**





# HELP THE BUNNY FIND 21 EASTER EGGS



## Back to School



- CARDS
- BLOCKS
- LETTERS
- PAPER
- FOLDERS
- TAPE
- ALPHABET
- DRAMA
- HISTORY
- NUMBERS
- SCIENCE
- EDUCATION
- SPELLING
- FRIENDS
- GEOGRAPHY
- LIBRARY
- RECESS
- SUBJECTS
- GRADES
- MATH
- SCHOOL
- TEACHER
- INTENSITY
- MOTIVATION

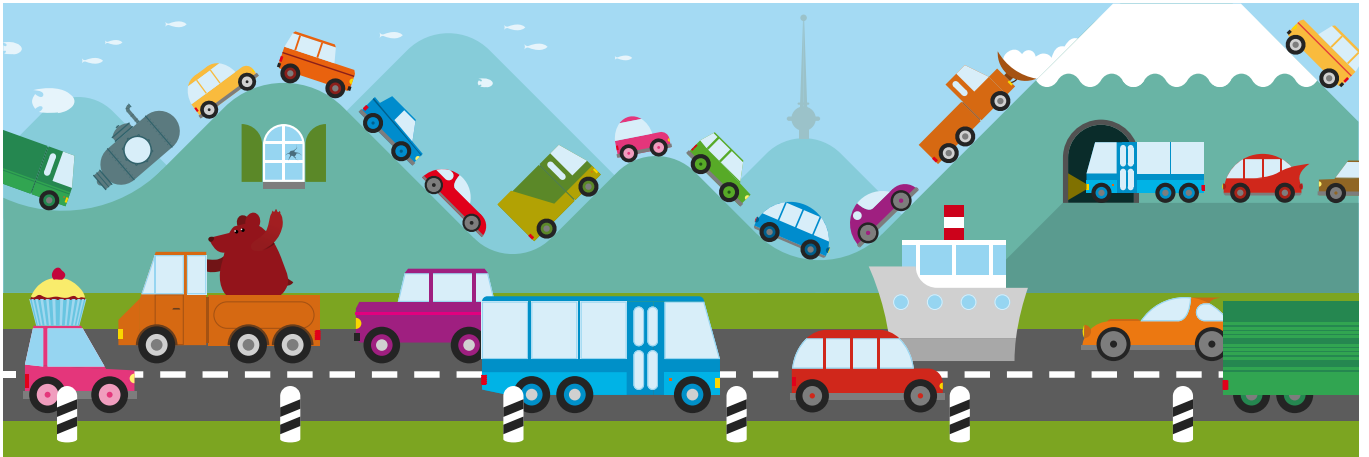
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| H | W | M | B | J | T | N | L | L | E | A | Q | S | E | L |
| C | C | E | O | A | E | O | W | P | N | R | K | S | S | L |
| S | R | S | C | I | C | E | E | S | G | Q | R | S | E |   |
| S | W | U | R | K | P | P | T | I | I | O | C | E | H | P |
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| M | O | T | I | V | A | T | I | O | N | K | D | O | T | O |
| R | A | L | P | H | A | B | E | T | D | H | S | F | O | T |
| N | E | C | N | E | I | C | S | Y | T | R | T | R | R | C |
| Y | K | P | L | I | B | R | A | R | Y | B | A | A | Y | G |
| O | A | O | A | S | E | D | A | R | G | I | L | M | M | L |
| V | Y | D | V | P | T | E | A | C | H | E | R | F | A | D |

## Find the balloons

The word **BALLOON** appears in the word block 10 times. Can you find all 10? They are hidden across and down.

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| B | O | B | L | O | B | O | O | N | A | L |
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| B | A | L | L | O | O | N | B | N | A | L |
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| O | L | O | N | B | A | A | L | O | L | A |
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# FIND THE 12 DIFFERENCES



## Lawwe verjaardagpartytjie

Antwoord eers die lysie vrae. Vul dan jou antwoorde by die regte plekke op die storie in en lees dit hardop voor! (Wenk: Speel dit saam met jou hele gesin. Laat almal eers die lysie vrae beantwoord en maak dan beurt om die storie hardop te lees!)

1. Skryf enige getal neer waaraan jy kan dink. \_\_\_\_\_
2. Jou beste maat se naam. \_\_\_\_\_
3. Iets wat jy dié week op pad skool toe gesien het. \_\_\_\_\_
4. Jou gunsteling-TV-reeks. \_\_\_\_\_
5. Jou gunsteling-kos. \_\_\_\_\_
6. Die kleur waarvan jy die minste hou. \_\_\_\_\_
7. Enige iets met wiele. \_\_\_\_\_
8. Enige lid van jou familie, bv. ma, pa, boetie, nefie, ouma. \_\_\_\_\_
9. Enige deel van jou lyf, bv. oor, tone, elmboog. \_\_\_\_\_

My verjaardagpartytjie was groot pret! Ek het 1) \_\_\_\_\_ jaar oud geword. Glo my, dit is nie maklik om 1) \_\_\_\_\_ kersies op jou verjaardagkoek dood te blaas nie. Ek het amper vir 2) \_\_\_\_\_ omgeblaas! My verjaardagkoek was in die vorm van 'n 3) \_\_\_\_\_. Almal het vir my "4) \_\_\_\_\_" gesing. Ons het lekker speletjies buite op die gras gespeel. My gunstelingspeletjie se naam was "Druk jou toon in my 5) \_\_\_\_\_". Ek het die beste verjaardagpresent ooit gekry – 'n 6) \_\_\_\_\_ 7) \_\_\_\_\_. My 8) \_\_\_\_\_ het soos 'n nar aangetrek en grappies vertel. Dit was baie snaaks. Ek het so hard gelag dat ek my 9) \_\_\_\_\_ nog steeds pyn! Dit was die beste verjaardag ooit!

### SOLUTION

FIND THE BALLOONS

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| B | O | B | L | O | B | O | O | N | A | L |
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| B | A | L | L | O | O | N | B | N | A | L |
| N | O | L | O | B | L | B | A | O | L | O |
| O | L | O | N | B | A | L | O | L | A |   |
| O | B | O | N | B | A | L | L | O | O | N |
| N | A | N | A | A | B | L | O | O | N |   |
| L | L | O | L | O | O | A | B | N | B |   |
| B | A | L | L | O | O | N | L | O | A |   |
| L | O | N | N | O | B | N | A | B | L |   |
| B | A | L | L | O | N | B | O | A | L |   |
| A | B | A | L | N | L | O | N | A | O |   |
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| O | B | A | L | L | O | N | O | A | N |   |
| B | O | N | B | A | L | L | N | L | O |   |

### Back to School SOLUTIONS

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| L | S | U | N | N | I | V | R | G |
| O | B | M | O | S | N | H | E | N |
| C | I | P | T | P | C | I | C | I |
| H | O | N | N | R | S | E | L | L |
| S | R | C | C | C | E | S | G | R |
| S | U | R | K | P | T | I | O | C |
| E | S | R | E | T | T | E | L | S |
| M | O | T | I | V | A | T | I | O |
| R | A | C | H | A | B | E | T | O |
| R | E | C | H | E | I | C | S |   |
| L | I | B | R | A | R | I | A | Y |
| A | S | E | D | A | R | G | M | M |
| P | T | E | A | C | H | E | R | A |

### FIND THE 12 DIFFERENCES





# Groot Blokraai

|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
|---------------------|---------------------|-----------------|-------------------------|--------------------------|----------------------------|----------|------------------------|-----------------------------|--------|--------------------|---------------------------|-----------------------|----------------------|----------------|
| Koop moeties hiër   | Haaks gebuigde pype | ↙               | Streek-taal             | Laat harmonieer in klank | 28,35 gram                 | ↘        | Koekie met soet vulsel | Soms een in die kabel       | ↙      | Agtervolg          | Garnaal-agtige skaaldiere | Vrug van Quercus-boom | ↘                    | Riool          |
| ↘                   | ↘                   |                 |                         | ↘                        |                            |          | ↘                      |                             |        | ↘                  | ↘                         | ↘                     |                      | Draai-boeke    |
|                     |                     |                 |                         | ←                        | Dr. in Lettere             |          |                        |                             |        |                    |                           |                       |                      | ↙              |
| ↖                   |                     |                 |                         |                          | ↘                          | Relatief |                        |                             |        |                    |                           |                       |                      |                |
| Maand               |                     |                 |                         |                          |                            |          | Woorde-boeke           | ↘                           |        |                    |                           |                       |                      | Het misluk     |
| Kapotter            | ↘                   |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      | ↘              |
| Houers met plofstof | ↘                   |                 |                         |                          |                            |          | Binneste bekleed-sel   | ↖                           | Strate | Without is een     |                           |                       |                      |                |
|                     |                     |                 | ↖                       |                          |                            |          | ↘                      |                             | ↘      | ↘                  |                           |                       |                      |                |
| ↖                   |                     |                 | Onderdeel van 'n geheel | 57                       | ↘                          |          |                        |                             |        | Ongehoord          |                           | Harsige glans-middel  | ↘                    |                |
| Nominatief          |                     | Kanale          | Vlak van 'n gebou       | Beste prestasie          | Geestelike ver-eniging     | ↘        |                        |                             |        | Erg                | TV se me. De-Generes      | Rond-gaande           | 100ste van 'n dollar |                |
| Geestelik opvreet   | Bosse graan         | ↘               | ↘                       | ↘                        |                            |          | Omge-keerde            | ↘                           |        | ↘                  | ↘                         | ↘                     | ↘                    |                |
| ↘                   | ↘                   |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
|                     |                     |                 |                         |                          |                            |          | Bly voort-bestaan      | ↘                           |        |                    |                           |                       |                      |                |
| Sonder omslag       | ↘                   |                 |                         |                          |                            |          |                        |                             |        | Struktuur vir leun | ↘                         |                       |                      |                |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Weerklink           | ↘                   |                 |                         |                          | Die goeie                  |          | Weerhou                | Oortref-fende trap van veel | ↘      |                    |                           |                       |                      |                |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| ↖                   |                     |                 |                         |                          |                            |          |                        | Muham-mad _                 | ↘      | Wat 24 uur duur    |                           |                       | ↖                    | Ook s'n        |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Eggenoot            | Lipome en hema-tome |                 | Komend van Kaboel       |                          | Wetenskap van die intellek | ↘        | Spyker                 | ↘                           |        |                    |                           | Nieu-                 | ↘                    |                |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Boog-vormig wees    | ↘                   | Waar dier slaap |                         | Besproei                 | ↘                          |          |                        |                             |        |                    |                           | Onsin                 |                      | In enkel gelid |
| ↘                   |                     | ↘               |                         |                          |                            |          |                        |                             |        |                    |                           | ↘                     |                      | ↘              |
|                     |                     |                 |                         | Persona non _            |                            |          | Was-middel met Zn      | ↘                           |        |                    |                           |                       |                      |                |
|                     |                     |                 |                         | ↘                        |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Gulsig geëet        | ↘                   |                 |                         |                          |                            |          |                        | Land-punt in die see        |        | Snywyse            |                           | Komeet-ster           |                      | Het misluk     |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      | ↖              |
| Gesegre-geerde      | ↘                   |                 |                         |                          |                            |          | Goedere-loods          | ↘                           |        | ↘                  |                           | ↘                     |                      | ↘              |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Bykosse by braai    | ↘                   |                 |                         |                          |                            |          | Ter sprake bring       | ↘                           |        |                    |                           |                       |                      |                |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Langs vleuel        | ↘                   |                 |                         |                          |                            |          |                        | Aanvuur                     | ↘      |                    |                           |                       |                      |                |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |
| Streng mate-maties  | ↘                   |                 |                         |                          |                            |          | In die geheue vaslé    | ↘                           |        |                    |                           | Inwerk met eg         | ↘                    |                |
|                     |                     |                 |                         |                          |                            |          |                        |                             |        |                    |                           |                       |                      |                |

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# Chicken Cutlets with Sun-Dried Tomato Cream Sauce

Though a chicken cutlet may be a chicken breast cut in half, this recipe shows how to make chicken cutlets with double the deliciousness. A jar of sun-dried tomatoes does double duty for this healthy dinner idea. The flavorful oil they're packed in is used to sauté the chicken, and the tomatoes go into the cream sauce.



## Ingredients

- 450g chicken cutlets
- ¼ teaspoon salt, divided
- ¼ teaspoon ground pepper, divided
- ½ cup slivered oil-packed sun-dried tomatoes, plus 1 tablespoon oil from the jar
- ½ cup finely chopped shallots
- ½ cup dry white wine
- ½ cup heavy cream
- 2 tablespoons chopped fresh parsley

## Method

### Step 1

Sprinkle chicken with 1/8 teaspoon each salt and pepper. Heat sun-dried tomato oil in a large skillet over medium heat. Add the chicken and cook, turning once, until browned, about 6 minutes total. Transfer to a plate.

### Step 2

Add sun-dried tomatoes and shallots to the pan. Cook, stirring, for 1 minute. Increase heat to high and add wine. Cook, scraping up any browned bits, until the liquid has mostly evaporated, about 2 minutes. Reduce heat to medium and stir in cream, any accumulated juices from the chicken and the remaining 1/8 teaspoon each salt and pepper; simmer for 2 minutes. Return the chicken to the pan and turn to coat with the sauce. Serve the chicken topped with the sauce and parsley.

Source: [eatingwell.com](https://www.eatingwell.com)



# One-Pot Garlicky Shrimp & Broccoli

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Shrimp cooks quickly in this easy, one-pot recipe, making it perfect for busy weeknights. Serve over whole grains or rice.

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## Ingredients

- 3 tablespoons extra-virgin olive oil, divided
- 6 medium cloves garlic, sliced, divided
- 4 cups small broccoli florets
- ½ cup diced red bell pepper
- ½ teaspoon salt, divided
- ½ teaspoon ground pepper, divided
- 21 - 30 peeled and deveined raw shrimp
- 2 teaspoons lemon juice, plus more to taste

## Method

### Step 1

Heat 2 tablespoons oil in a large saucepan over medium heat. Add half the garlic and cook until beginning to brown, about 1 minute. Add broccoli, bell pepper and 1/4 teaspoon each salt and pepper. Cover and cook, stirring once or twice and adding 1 tablespoon water if the pot is too dry, until the vegetables are tender, 3 to 5 minutes. Transfer to a bowl and keep warm.

### Step 2

Increase heat to medium-high and add the remaining 1 tablespoon oil to the pot. Add the remaining garlic and cook until beginning to brown, about 1 minute. Add shrimp and the remaining 1/4 teaspoon each salt and pepper; cook, stirring, until the shrimp are just cooked through, 3 to 5 minutes. Return the broccoli mixture to the pot along with lemon juice and stir to combine.

Source: [eatingwell.com](https://www.eatingwell.com)



# GIVE 14 DAYS OF YOUR BEST

**Applying the two-week principle can help you decide whether that long-term goal is truly what you want, and if it is, it can kickstart a rewarding journey to success.**

**T**here is an African tale which states: "Each morning in Africa an antelope wakes up. He knows that today he will need to run faster than the fastest lion otherwise he will be killed. Each morning in Africa a Lion wakes up. He knows that today he will need to run faster than the slowest antelope, otherwise he will die from hunger. When the sun rises in Africa you need to run."

At the beginning of the new year most of us have an idea of what it is that we want to achieve during the new year, a vision of how we want to be better. We often start out with a lot of motivation, as well as expectations of seeing exceptional results in just a few short weeks.

Since we are not animals and subjected to the cruel reality of death, we have a harder time staying motivated.

While nearly everyone has at least one major goal they want to achieve, statistics show that very few people achieve their goal.

The reason is that we all know our own strengths and limitations, but most of these limitations are self-imposed. One of the things I have found greatly inspirational during the past few months is the Navy Seals' 40% Rule. This rule states that when you think you have reached your limit and you have absolutely nothing more to give, you still have 60% left in your tank.

Often when we start on our journey towards a major goal, we start out slow. We start from a place of comfort, and we are willing to work, but not too hard. Then, after a few weeks when we don't see the progress we desire, we decide to give up.

One key question to ask yourself is: how do you know that the goal you have set, and the prospective achievement is what you truly want?

#### **The two-week rule**

Jeff Haden advises the two-week rule.

When you start out with a training plan for a marathon or a plan to achieve any other major goal it is advisable



to start out with a two-week plan set out by a professional.

It is very likely that the set-out plan will challenge your limits to a great extent.

After two weeks you will be able to decide if the effort needed to obtain your goal is worth the work you must put into it, or if the hard work and pushing yourself is worth the achievement of your goal.

You can do anything you set your mind to; if you are able to commit to the goal and do what is needed towards reaching it for the first two weeks, you are more likely to continue with it for three months.

Keep in mind that giving up in the first two weeks doesn't make you a failure.

#### **More motivation**

Before you embark on a journey towards a goal you have no idea what it takes to achieve that goal in reality; it is only when you start out actually doing what is required to get there, that you will know what is truly required to achieve your goal.

Subsequently when you embark on this two-week journey and you put in all the hard work for the full two weeks, you will know whether the goal really means something important to you.

If it does, you would have already achieved some level of success and be even more motivated to achieve your goal.

The next time you wish to embark on a journey towards a new goal adopt the two-week plan.

Pick something you want to achieve. Create a daily process or routine you will follow.

Commit to following this routine for two weeks. For each of the next fourteen days, keep your head down and solely focus on what you need to do that day to reach that goal.

Don't worry about next week, next month, or next year. At the end of two weeks you will know whether you want to keep going. You will know whether the goal you chose is meaningful enough or if it was just a whim.

#### **Your box of dreams**

The pride you will feel in having stayed on course will help fuel future effort. The fulfillment you will get from doing something most other people can't – that is, work towards a long-term goal – will do wonders for your confidence. That will inspire you to reach even farther.

Take out that one thing from your box of dreams. Write down why this is something you want to achieve. If the goal is ambitious, break it down into smaller more achievable goals or objectives.

Set a date for when you want to start your journey towards your goal. It is important not to start immediately; you must give yourself time to devise a plan. In having to wait before you start, you will create anticipation and excitement for your journey.

Make sure that the plan you set is not too easy.

Look online for plan suggestions or seek advice from someone who has already successfully completed the journey.

Apply the two-week principle and reward yourself when you attain each two-week objective.

Remember, whether you are the Lion or the Antelope, we each have different measures of success.

Always keep your eye on the goal and trust the process.

By *Letitia Coetzer* ■

**“One key question to ask yourself is: how do you know that the goal you have set, and the prospective achievement is what you truly want?”**

**“If you are able to commit to the goal and do what is needed towards reaching it for the first two weeks, you are more likely to continue with it for three months.”**



# TOYOTA RAV4

## Plug In for More

**While not officially on sale yet, several RAV4 PHEV's have been imported as a market research exercise to test customer response, vehicle behaviour, infrastructure requirements and other technical aspects as well as educate customers on the plug-in technology.**

**The purpose of this pilot programme is to allow Toyota South Africa to provide our customers with a holistic (and tested) solution and continue to offer the exemplary customer service that Toyota has become renowned for.**

It also represents phase 2 of TSAM's New Energy Vehicle (NEV) roll-out plan, following on from the hybrid vehicle expansion strategy across Toyota's mainstream product ranges.

Launched to worldwide acclaim in 2021, the RAV4 Plug-In offers the power and clean efficiency of an EV vehicle without the associated range anxiety or charging dependency. Here you get all the benefits of a traditional full-hybrid vehicle (self-charging, petrol engine back-up and extended range), with the additional performance and pure EV driving mode of a battery electric vehicle (BEV).

### **The Powerplant(s)**

Providing the drive is a 2.5-litre petrol

powerplant paired with a larger EV battery and two electric motors - driving each of the axles. The PHEV system leverages on Toyota's 4th Generation Hybrid System and is equipped with a high output dual oil-cooling system that is used in combination with air and water cooling. It transmits the driving force directly to all four wheels and delivers a class-leading combination of power and efficiency.

The battery is of the lithium-ion variety which supplies 18.1 kW of power and is located below the passenger compartment.

The petrol engine employs a DOHC design with dual VVT-i, punching out 136 kW and 227 Nm. This is paired with front and rear electric motors which contribute 134 kW and 40

kW, respectively. Torque is plentiful, with an additional 270 and 121 Nm on tap. The resulting Total System Output is an impressive 225 kW.

### **The Drivetrain**

The plug-In model uses the same architecture of the 'conventional' E-Four model, delivering AWD performance by providing electric drive to both front and rear axles. The petrol engine drives the front axle via a CVT transmission. The E-Four system intelligently switches between AWD and 2WD modes depending on usage conditions with a dedicated Trail Mode for increased rear axle torque split.

### **More Modes**

The RAV4 Plug-In offers the driver four modes to choose from. EV mode is the default setting



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and prioritises electric-only operation. The vehicle offers a range of up to 80 km on pure EV mode depending on battery state of charge (SOC) and usage conditions. Acceleration in this mode is impressive and fuel consumption zero.

HV mode allows the vehicle to operate like a traditional Toyota Hybrid, while the driver can specifically select HV mode as they require, the system will also automatically switch to HV mode should the battery drop below EV mode operation levels. This allows the RAV4 to continue its journey even when the battery has been depleted by using regenerative braking and/or charging the battery via the petrol engine. Using the HV mode the RAV4 PHEV extends the driving range by over 800 km - depending on driven conditions.

An Auto EV/HV mode allows the system to switch between pure electric and hybrid modes, based on acceleration input required. The petrol motor is brought online when required, and then returned to electric operation as soon as conditions permit.



Charging Mode is provided to recharge the battery, in which case the system uses the petrol engine to recharge the battery pack. This is useful for when a recharging facility is not immediately available. Once the hybrid battery is fully recharged, the system will switch to HV mode.

**Recharging the RAV4**

In order to recharge the vehicle, two solutions are provided namely a Toyota Mode 2 and Mode 3 charging cable. Mode 2 allows for home or office charging via conventional AC 220-240V electric outlets. The average home charge will take between 7 and 9 hours. A built-in inverter monitors temperature and current. Mode 3 permits fast DC charging via





dedicated charging stations, drastically reducing charging time to only 2.5 hours when using a 32A, 6.6 kW charger.

#### Exterior Design Changes

Distinguishing the RAV4 Plug-in from other variants is a bespoke front bumper grille with a chrome border and chrome accents on the lower apron. In the rear, a chrome license plate garnish adds to the exclusive persona.

#### Exterior Colours

Six exterior paint options are offered: Pearl White, Chromium Silver, Graphite Grey, Emotional Red and Moonlight Ocean Metallic - all in striking Bi-Tone configuration.

#### Interior Ambience

The plug-in model's interior is based off the GX-R variant, which provides a comfortable yet sporty trim level. In PEV guise, the orange accent trim on the leather seats, centre console and dashboard, have been changed to red, with cool blue illumination reminding occupants of the vehicle's hybrid credentials. A unique instrument cluster arrangement sees a dedicated battery state of charge dial in place of a traditional tachometer - which informs the driver of battery level and EV mode capability.

A multitude of infographic displays can be called up on the large Multi-Information Display (MID) including EV % use, hybrid system operation, cruising range and torque split.

#### Wheel and Tyre

Signalling its flagship credentials, the RAV4 plug in rides on bespoke, stylised 19-inch alloy wheels with a machined finish and snowflake profile.

#### Specification and Features

Standard specification is plentiful (being based off the GX-R trim level) and includes smart entry, seat heating and cooling, driver seat memory and dual-zone climate control. Tactile comfort is enhanced with a heated steering wheel, while convenience is bolstered by a fully digital rear-view-mirror with multiple view modes, wireless charger and five USB ports.

#### Superior Sounds

The quiet nature of the RAV4 Plug-in is used to maximum effect with the fitment of a premium, 9-speaker JBL sound system and 9-inch touchscreen. A multitude of menus including HEV system operation can be displayed on the infotainment screen - which also includes Apple CarPlay and Android Auto functionality.

Source: [www.motopress.co.za](http://www.motopress.co.za) ■





# The language of flowers



**Floriography is a means of symbolic communication through the choice or arrangement of flowers of different types and colours.**

**F**or thousands of years some form of floriography has been practiced in traditional cultures throughout Europe, Asia and Africa. But the art of sending messages through flowers is said to have originated from the Turkish or Persian "language of flowers and objects".

Flowers are strongly associated with sentiments or virtues. This often includes love, romantic attraction or simply a way to show deep gratitude.

Some flowers are seen as symbols of friendship and purity, while others are tied to forgiveness and the passage of the soul from this world at the time of death.

To some extent all cultures of the world have some form of symbolism associated with flowers. During the 19th century publishers in Europe produced hundreds of editions of 'language of flowers' books and it was a popular hobby to learn the unique symbolism behind each flower.

“During the 19th century publishers in Europe produced hundreds of editions of ‘language of flowers’ books and it was a popular hobby.”

“All flowers hold different meanings, often based on the type or the colour, such as the myrtle, which is a symbol of marital love.”

Plants and flowers are deeply engrained in everyday life and even in the language we speak. We talk about Nobel Laureates and Baccalaureus degrees without even thinking of the connection of these Latin words with plants.

The Bay leaf or laurel (*Laurus nobilis*) has always been associated with the reward of merit. In Greek times, winners of contests were rewarded with a wreath of laurel.

All flowers hold different meanings, often based on the type or the colour. Some examples include the myrtle, which is a symbol of marital love. An iris suggests that a message is being sent.

Flowers are associated with the fourth wedding anniversary, and red flowers are most popular to convey passion, love and affection. Lilies are a popular funeral flower as they have a very elegant appearance and a carry a meaning of purity and compassion.

Once you learn and understand the meaning of flowers, giving flowers as gifts becomes a much more thoughtful action, as you learn to express exactly how you feel with a bouquet.

“How the universal heart of man blesses flowers! They are wreathed round the cradle, the marriage-altar, and the tomb...Flowers should deck the brow of the youthful bride, for they are in themselves a lovely type of marriage. They should twine round the tomb, for their perpetually renewed beauty is a symbol of the resurrection. They should festoon the altar, for the fragrance and their beauty ascend in perpetual worship before the Most High.” (P.F. Collier, 1882)



## .. LANGUAGE OF FLOWERS ..

- Acacia—Concealed love.  
 Adonis Vernalis—Sorrowful remembrances.  
 Almond—Hope.  
 Aloe—Religious superstition.  
 Alyssum, Sweet—Worth beyond beauty.  
 Ambrosia—Love returned.  
 Apple Blossom—Preference.  
 Arbor Vitæ—Unchanging friendship.  
 Bachelor's button—Hope in love.  
 Balsam—Impatience.  
 Begonia—Deformity.  
 Bellflower—Gratitude.  
 Belvidere, Wild (Licorice)—I declare against you.  
 Blue Bell—I will be constant.  
 Box—Stoical indifference.  
 Briers—Envy.  
 Burdock—Touch me not.  
 Cactus—Thou leavest not.  
 Camellia—Pity.  
 Candytuft—Indifference.  
 Canterbury Bell—Gratitude.  
 Cape Jessamine—Ecstasy; transport.  
 Calla Lily—Feminine beauty.  
 Carnation (Yellow)—Disdain.  
 Cedar—I live for thee.  
 China Aster—I will see about it.  
 Chrysanthemum Rose—I love.  
 Cowslip—Pensiveness.  
 Cypress—Mourning.  
 Crocus—Cheerfulness.  
 Cypress and Marigold—Despair.  
 Daffodil—Chivalry.  
 Dahlia—Forever thine.  
 Daisy (Garden)—I partake your sentiment.  
 Daisy (Wild)—I will think of it.  
 Dandelion—Coquetry.  
 Dead Leaves—Sadness.  
 Dock—Patience.  
 Dodder—Meanness.  
 Dogwood—Am I indifferent to you?  
 Ebony—Hypocrisy.  
 Eglantine—I wound to heal.  
 Elder—Compassion.  
 Endive—Frugality.  
 Evening Primrose—Inconstancy.  
 Evergreen—Poverty.  
 Everlasting—Perpetual remembrance.  
 Fennel—Strength.  
 Filbert—Reconciliation.  
 Fir-tree—Elevation.  
 Flax—I feel your kindness.  
 Forget-me-not—True love; remembrance.  
 Fox-glove—Insincerity.  
 Furze—Anger.  
 Fuchsia—Taste.  
 Gentian—Intrinsic worth.  
 Geranium, Ivy—Your hand for the next dance.  
 Geranium, Nutmeg—I expect a meeting.  
 Geranium, Oak—Lady, deign to smile.  
 Geranium, Rose—Preference.  
 Geranium, Silver leaf—Recall.  
 Gilliflower—Lasting beauty.  
 Gladiolus—Ready; armed.  
 Golden Rod—Encouragement.  
 Gorse—Endearing affection.  
 Gass—Utility.  
 Harebell—Grief.  
 Hawthorn—Hope.  
 Hazel—Recollection.  
 Hartsease—Think of me.  
 Heliotrope—Devotion.  
 Henbane—Blemish.  
 Holly—Foresight.  
 Hollyhock—Fruitfulness.  
 Hollyhock, White—Female ambition.  
 Honeysuckle—Bond of Love.  
 Honeysuckle, Coral—The color of my fate.  
 Hyacinth—Jealousy.  
 Hyacinth, Blue—Constancy.  
 Hyacinth, Purple—Sorrow.  
 Hydrangea—Heartlessness.  
 Ice plant—Your looks freeze me.  
 Iris—Message.  
 Ivy—Friendship; matrimony.  
 Jessamine, Cape—Transient joy; ecstasy.  
 Jessamine, White—Amiability.  
 Jessamine, Yellow—Grace; elegance.  
 Jonquil—I desire a return of affection.  
 Juniper—Asylum; shelter.  
 Justicia—Perfection of loveliness.  
 Kalmia (Mountain Laurel)—Treachery.  
 Kannedia—Mental beauty.  
 Laburnum—Pensive beauty.  
 Lady's Slipper—Capricious beauty.  
 Larch—Boldness.  
 Larkspur—Fickleness.  
 Laurel—Glory.  
 Lavender—Distrust.  
 Lettuce—Cold-hearted.  
 Lilac—First emotion of love.  
 Lily—Purity; modesty.  
 Lily of the Valley—Return of happiness.  
 Lily, Day—Coquetry.  
 Lily, Water—Eloquence.  
 Lily, Yellow—Falsehood.  
 Locust—Affection beyond the grave.  
 Love in a Mist—You puzzle me.  
 Love Lies Bleeding—Hopeless, not heartless.  
 Lupine—Imagination.  
 Mallow—Sweetness; mildness.  
 Maple—Reserve.  
 Marigold—Cruelty.  
 Marjoram—Blushes.  
 Marvel of Peru (Four O'clocks)—Timidity.  
 Mint—Virtue.  
 Mignonette—Your qualities surpass your charms.  
 Mistletoe—I surmount all difficulties.  
 Mock Orange (Syringa)—Counterfeit.  
 Morning Glory—Coquetry.  
 Maiden's Hair—Discretion.  
 Magnolia, Grandiflora—Peerless and proud.  
 Magnolia, Swamp—Perseverance.  
 Moss—Maternal love.  
 Motherwort—Secret love.  
 Mourning Bride—Unfortunate attachment.  
 Mulberry, Black—I will not survive you.  
 Mulberry, White—Wisdom.  
 Mushroom—Suspicion.  
 Musk-plant—Weakness.  
 Myrtle—Love faithful in absence.  
 Narcissus—Egotism.  
 Nasturtium—Patriotism.  
 Nettle—Cruelty; slander.  
 Night Blooming Cereus—Transient beauty.  
 Nightshade—Bitter truth.  
 Oak—Hospitality.  
 Oats—Music.  
 Oleander—Beware.  
 Olive-branch—Peace.  
 Orange-flower—Chastity.  
 Orchis—Beauty.  
 Osier—Frankness.  
 Osmunda—Dreams.  
 Pansy—Think of me.  
 Parsley—Entertainment; feasting.  
 Passion-flower—Religious fervor; susceptibility.  
 Pea, Sweet—Departure.  
 Peach Blossom—This heart is thine.  
 Peony—Anger.  
 Pennyroyal—Flee away.  
 Periwinkle—Sweet remembrances.  
 Petunia—Less proud than they deem thee.  
 Phlox—Our souls are united.  
 Pimpernel—Change.  
 Pink—Pure affection.  
 Pink, Double Red—Pure, ardent love.  
 Pink, Indian—Aversion.  
 Pink, Variegated—Refusal.  
 Pink, White—You are fair.  
 Pomegranite—Folly.  
 Poppy—Consolation.  
 Primrose—Inconstancy.  
 Rhododendron—Agitation.  
 Rose, Austrian—Thou art all that's lovely.  
 Rose, Bridal—Happy love.  
 Rose, Cabbage—Ambassador of love.  
 Rose, China—Grace.  
 Rose, Damask—Freshness.  
 Rose, Jacqueminot—Mellow love.  
 Rose, Maiden's Blush—If you do love me, you will find me out.  
 Rose, Moss—Superior merit.  
 Rose, Moss Rosebud—Confession of love.





# The art of gardens

Hiring a landscape designer means commissioning an artist for your garden, and it can open a whole new world of possibilities for your outside space.



One often flips through a magazine or watches a clip about beautiful properties. These can feature inviting interiors or those fabulous corporate gardens that are just picture perfect.

The question that comes to mind is: "How was it created in such a breathtaking manner that moves the viewer with such awe?"

The answer is quite simple: apart from great photography, it was done by professionals. Architects, designers, and their resourceful teams combine many years of experience and knowledge to produce these beautiful environments.

People will hire an architect to do what architects do – come up with a plan for your dream home and pay lots of money for it – then a builder then uses this as his concrete plans to follow. But when it comes to other improvements, we still have big expectations, but we avoid this type of professional approach.

#### Why a landscape designer?

Landscape designers are professionals in their field, yet not many people understand the value of the contribution they can make to your outdoor space. Many are not aware of the fees they charge, or what they do exactly.

While anyone can go to a garden centre, buy some plants or a tree or two and plant them in the soil, and most of them survive, hiring a landscape designer is like commissioning an artist for the garden.

A landscape designer aims at an entirely new level from your DIY efforts. That friend of a friend who once worked at a nursery and started a garden service on the side, is not going to qualify for this job.

#### Added benefits

Most landscape designers should be able to present a client with some impressive graphic

## What to expect

Hiring a landscape designer normally starts with a consultation or actual site visit to determine and establish the following:

- the physical requirements of the project
- the specific environmental conditions
- the extent and volume of soil preparation
- the level drainage in case of flooding
- how to utilise natural energy and local flora
- the timing of planting season
- the project stages according to seasons and stock availability
- the most suitable selection of plants, flowers, lawns and trees
- irrigation (and automation) options
- lighting options and accommodating electrical points
- plumbing needs and smart water saving methods
- incorporating the best location for a vegetable garden (if applicable)
- aesthetic expectations and projections
- collaboration of exterior and interior spaces
- accurate cost estimates

**"Your personality and your level of commitment will determine to what extent you want to be involved in managing some part of the project."**

**"Hiring a landscape designer may end up saving you money, rather than risk losing money through an experimental DIY route that also comes with added stress."**

plans to display their visual interpretation of the initial brief, adapting to any constraints and limitations or opportunities arising during the process as it is a work in progress.

Your personality and your level of commitment will determine to what extent you want to be involved in managing some part of the project.

Either that, or you can hire a turnkey company that makes it all happen to deliver the perfect garden pictures that inspired you.

Asking your landscape designer to include a herb or vegetable garden may be a trendy (and ethical) option at present but this addition may soon be a welcome lifesaver as food prices escalate.

Hiring a professional landscape designer may end up saving you money, rather than risk losing money through an experimental DIY route.

In addition to the multiple "likes" your project will gather on social media, the end product

will add value to your property.

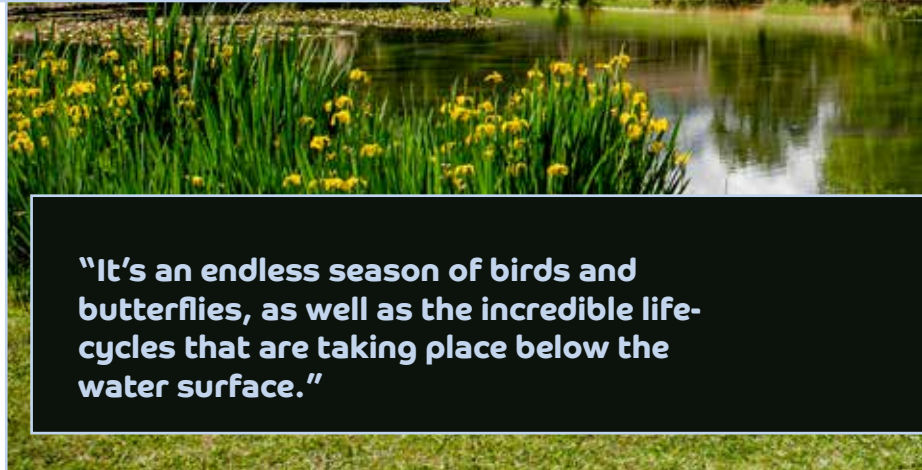
But perhaps the greatest benefit is the beauty of your space, which you can enjoy alone or share with friends, family and guests.

By Gideon Schutte ■

**"In addition to the multiple 'likes' your project will gather on social media, the end product will add value to your property."**

# Harness nature's

# WONDERS



**An eco-pool offers many benefits in comparison to an existing swimming pool or water feature, but the best is biodiversity right on your doorstep.**

**"It's an endless season of birds and butterflies, as well as the incredible life-cycles that are taking place below the water surface."**

**C**alled many different names in the green industry – natural swimming pools, natural pools, organic pools, wetland pools, reed-bed pools, freshwater pools, swimming ponds, and more – an eco-pool (we'll call it this for now) can be one of the most beautiful additions to your garden.

An eco-pool is a natural volume of water which is slowly moved through a wetland of natural filters such as roots and substrate which inoculate the water with microorganisms, breaking down waste and stripping the water of impurities, leaving nothing but pure fresh water.

Combining the disciplines of permaculture and hydroponics, eco-pools mimic natural ecosystems. By doing so, they offer your garden the potential to draw more wildlife where the native flora and fauna find a way to flourish.

People who have embraced the idea of an eco-pool, speak with endless fascination of the many incredible forms of wildlife that thrive in and around this environment. These include the hovering dragon flies to the croaking frogs, the ducking swallows to the kingfisher stalking water beetles. It's an endless season of birds and butterflies, as

well as the incredible lifecycles that are taking place below the water surface, essentially supporting a full circle of food supply.

With no harmful chemicals, shock treatments or toxic additives, eco-pools mean no burning eyes, itchy skin or dry hair and you can drink the water, as you swim in it. Imagine the nurturing experience of swimming in a natural pond of fresh water – this is surely as good as the world could get.

Once established, eco-pools should be self-regulating, operating as a completely balanced aquatic ecosystem, so they are a low-maintenance natural habitat where the forces of nature are harnessed rather than fought.

When an eco-pool is well done, the water is of such quality that it is feasible to pipe it into the kitchen – not a bad idea, considering the need to save water and lower electricity consumption.

Although every eco-pool is as different and unique as the environment it inhabits, it can be tailored around any specifications you request, where possible.

**"Eco-pools should be self-regulating as a balanced aquatic ecosystem, so they are a low-maintenance natural habitat where the forces of nature are harnessed rather than fought."**





Don't overlook this landscaping feature that can help you do your bit to make our world a more consciously better place. And you can call it whatever you want.

By Gideon Shuffe ■





Chantel Joubert, Manager: EUM

**What do you enjoy most about working at TWK now?**

*The one aspect of my position I enjoy the most is the strong business relationship I build with our clients – it is very satisfying to walk a road together with them, understanding their business and helping them grow and add value.*

*It is rewarding and exciting to be able to make a positive impact on people's lives.*

**What has been your biggest success in your TWK journey?**

*To have been able to obtain all my qualifications through TWK and by doing so I have climbed the ladder to where I am today.*

# Rising through the ranks

Chantel Joubert has worked her way up through TWK from being a clerk to an Insurance Manager within the Financial Services sector – she speaks to us about how she got this far.

**Tell us a bit more about your journey with TWK.**

*I started my journey with TWK in January 2010, as a creditors clerk, immediately after I matriculated.*

*Then I started to grow with my BComm degree. I also obtained different diploma's relevant to business management, as well as my PGDip with Henley. Practically, I've been exposed to the Finance, Trade and Financial Services division and gained a lot of experience over the years to better equip myself.*

*Today, I am an Insurance Manager at Executive Underwriting Managers, which is part of the Financial Services sector.*

**What advice can you give to new candidates starting at TWK?**

*Always believe in yourself and don't be afraid to step out of your comfort zone.*

*As Colin Powell said: "There are no secrets to success. It is the result of preparation, hard work, and learning from failure." ■*



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# COMPANY NEWS

TWKs News and Company Culture

## TWK Insurance ~ Midmar Mile, Pietermaritzburg

TWK Insurance attended the Midmar Mile in Pietermaritzburg, the 50th edition of the world's largest open water swimming event.





**The annual TWK Assegaai 3-in-1 Marathon that took place on 25 February 2023 was a great success. Well done to all the athletes who participated!**



**TWK Toyota, Standerton, ondersteun gemeenskap met kospakkies na vloed.**



**TWK vier Kersfees by Welverdiend Gastehuis.**





**TWK Trade and Mechanisation, Pietermaritzburg, opening event**

**WE HAVE MOVED • 2 Edison Place, Mkondeni, PMB • WE HAVE MOVED**





## TWK Trade and Mechanisation, Pietermaritzburg, opening event





## TWK Trade and Mechanisation, Pietermaritzburg, opening event





## TWK SUPPORTS KWATHANDEKA CIRCUIT AWARDS



## NWKV & RPO Mpumalanga jaarvergadering





# Bosbou Gholfdag



## Top Achievers



Rohan Bierman



Rohan Bierman

**Congratulations to Mr Rohan Bierman, Commercial Manager at MTP on completing his MBA Degree.**

**This journey provided him with in-depth knowledge and specific critical subjects enhancing the strategic growth of his division and, ultimately, the TWK Group.**



Rohan Bierman





## TWK ondersteun Bosveld Interhoër Atletiek



*TWK Agri was one of the sponsors of the 226 Brick Challenge that took place at the Midmar Dam.*





# *TWK Agri Classic, Piet Retief, 2023*





# TWK Agri Classic, Piet Retief, 2023





## *TWK ondersteun Wittenberg Duitse Sportfees*



### **CMR Piet Retief, Huis Louis Hildebrandt en Pietermaritzburg Kinderhuis ontvang rugsakke vir Kersfees**





## SECRET SANTA AT TWK NELSPRUIT



## TWK Rolbaldag





## EHS-GHOLFDAG TROTS ONDERSTEUN DEUR TWK AGRI



## TWK ondersteun Richardsbaai Krieket Akademie





In an initiative coordinated by TWK Insurance Nelspruit, 51 gifts were collected and given to CMR Nelspruit towards their Christmas gift distribution.



The sports fields at Piet Retief Primary School are brightened with 15 Airtex banners sponsored by TWK Insurance, Financing and Marketing.





## TWK AGRI SUPPORTS PIET RETIEF HIGH SCHOOL



### Annebel sê dankie!

Annebel Foundation versorg tans ongeveer 350 minderbevoorregte tienermeisies landswyd. Elke maand gee hulle bederfpakkies vir dié pragtige meisies.

Annebel Ermelo versorg tans 45 dogters maandeliks, en vertrou die Here dat hierdie projek gaan groei van krag tot krag!

Annebel vier hulle 12de bestaansjaar in Maart 2023!

Met hulp van TWK -personeel kon ons hierdie jaar soveel glimlaggies op gesigte sit! Dankie vir elkeen se mooi hart teenoor Annebel!



### Wish Upon a Star ~ Ebenezer Seuns ~

Dankie aan TWK en die TWK personeel wat persoonlik vir elke Ebenezer seun 'n Kersgeskenk gekoop het.



# *TWK is 'n trotse borg van die EHS Eerste Rugbyspan*



**The Highveld Inter-high Athletics 2023 was held at Ermelo High School on Saturday, 18 February 2023. Several schools participated, and TWK Agri was one of the title sponsors, investing in the next generation of athletes.**





## TWK INSURANCE AT AMBERMACS

TWK Insurance joining over 180 exhibitors at AmberMacs Macadamia Expo 2023 in Nelspruit, marketing their products and engaging with potential clients.



## *Mkondo East Circuit Award Ceremony 2023*

TWK Marketing attended the Mkondo East Circuit Award Ceremony 2023, which took place at Ubuhlebusile Secondary School on Wednesday, 8 February 2023. TWK sponsored trophies for this event and the TWK Group was sincerely thanked for all the sponsorships and contributions towards education to this school and other schools over the years.





# *Some savoury and some sweet*

These two dishes will impress your guests, or wow your family – whatever you prefer.

## *Spaghetti puttanesca*

### Ingredients

- 3 tbs olive oil
- 1 onion, finely chopped
- 2 large garlic cloves, crushed
- ½ tsp chilli flakes (optional)
- 400g can chopped tomatoes
- 5 anchovy fillets, finely chopped
- 120g pitted black olives
- 2 tbs capers, drained
- 300g dried spaghetti
- ½ small bunch of parsley, finely chopped

### Method

1. Heat the oil in a non-stick pan over a medium-low heat. Add the onion along with a generous pinch of salt and fry for 10 mins, or until soft.
2. Add the garlic and chilli, if using, and cook for a further minute.
3. Stir the tomatoes, anchovies, olives and capers into the onion, bring to a gentle simmer and cook, uncovered, for 15 mins. Season to taste.
4. Meanwhile, bring a large pan of salted water to the boil. Cook the spaghetti following pack instructions, then drain and toss with the sauce and fresh parsley.



## Berry Delight

### Ingredients

- 2 x 320g ready-rolled all-butter puff pastry
- 100g icing sugar
- 750g tub mascarpone
- 600ml double cream
- 2 tsp vanilla extract
- 200g raspberries, a few halved
- 200g blackberries, a few halved
- 1 large mango, peeled and thinly sliced
- 6 nectarines or peaches, or a mixture, sliced
- 4 passion fruits (look for ones with crinkly skin as this means they're ripe), halved, seeds and pulp scooped out
- handful small mint leaves

### Method

1. Heat oven to 200C/180C fan/gas 6. Unroll 1 pastry sheet but leave it on the parchment.
2. Place it on a baking tray and dust with 2 tbsp icing sugar, then cover with another sheet of parchment and another baking tray. Pour baking beans into the tray to weigh it down.
3. Bake for 30 mins, then check if the pastry is golden all over. If not, return for another 5 mins or so.
4. Repeat with the other pastry sheet (or cook both together if you have enough trays). Once out of the oven, trim the edges with a large, sharp knife. Leave to cool.
5. Meanwhile, softly whip the mascarpone, cream, vanilla and remaining icing sugar, then transfer half to a disposable piping bag fitted with a 1.5cm round nozzle (or just snip off the corner).
6. Pipe blobs of the mascarpone cream over the surface of one piece of pastry, right up to the edges. Top with half the fruit and dust with a little icing sugar.
7. Top with the second piece of pastry, more mascarpone cream (refilling the bag when you need to), the remaining fruit, a dusting of icing sugar and, finally, some mint leaves.
8. Use a serrated knife to cut through the layers without squashing the whole tart.
9. Best served within an hour or two, but leftovers will keep for up to two days in the fridge.





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# Pray and Sing in your beds

**Job 35:10 (NKJV) But none saith, Where is God my maker, who giveth songs in the night; and then we go straight across to Psalm 149:5 (NKJV) Let the saints be joyful in glory: let them sing aloud upon their beds.**

**T**oday the Lord gave me a very beautiful, encouraging scripture, and this one is particularly for people who are suffering from insomnia (cannot sleep at night), Job 35:10 (NKJV) But none saith, Where is God my maker, **who giveth songs in the night;** and then we go straight across to Psalm 149:5 (NKJV) Let the saints be joyful in glory: **let them sing aloud upon their beds.**

If you are struggling to sleep at the moment, I want to encourage you to really pray, pray to the Lord quietly or aloud, whichever, and even sing songs if necessary, obviously without waking up your loved ones. The business of counting sheep jumping over the fence is a waste of time, but when we spend time in the presence of God, then He gives us His sleep.

I always remember getting a picture from the Lord of someone climbing up onto the Lord's lap, He's sitting in a big armchair, and that person putting their head on His ample breast and then putting His big strong arms around that person and hugging them tightly and allowing them just to sleep in His peace.

I prayed for a lady once at a campaign we had, who just could not sleep and I said tonight you are going to sleep the best night of your life and then I never saw her for the rest of the week. I didn't know what had happened and then right at the end of the week, she came to one of our meetings again and she came up to see me afterwards, she said "Angus, I really want to say to you that your prayers worked so beautifully, because every night when I got home from work and had a nice hot bath and I was going to come to the meeting, I sat down and fell fast asleep, but I managed to keep awake to get to the meeting tonight." Sleeping like a baby. He gives you His sleep.

Have a wonderful day.

Bless you,

**Angus & Jill Buchan**

**Job 35:10 (NKJV) But none saith, Where is God my maker, who giveth songs in the night; and then we go straight across to Psalm 149:5 (NKJV) Let the saints be joyful in glory: let them sing aloud upon their beds.**





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