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Editorial

The agricultural community begins gearing up for one of the year's most anticipated events—**Nampo Cape**, returning to Bredasdorp from 13–16 September. With *Smart Technology* as this year's theme, the expo promises a bold look into the future of farming. In this edition, we offer **extensive coverage** of what to expect—from precision livestock tools and autonomous machinery to digital platforms

that are transforming decision-making on the ground. Whether you are attending in person or following from afar, our pages bring the energy and innovation of Nampo Cape straight to you.

Alongside this, our **primary focus** explores the evolving landscape of **Livestock Management Practices**. We unpack the science behind GrowSafe Feed intake, showing how data-driven nutrition leads to healthier animals and more sustainable production. We also spotlight the importance of **standardised genetic testing**, a critical step toward accurate evaluation and long-term herd improvement.

Because agriculture is as much about people as it is about practices, we proudly recognise the Agri Eastern Cape **Young Farmer of the Year finalists and winner as well as the winner of the Free State Agriculture competition**. Their stories reflect the resilience, innovation, and stewardship that define the next generation of South African farmers.

This edition is packed with insight, inspiration, and a celebration of the people and technologies shaping our sector. Whether you're reading from the veld, the office, or the expo grounds, we hope it leaves you informed and inspired.

Enjoy the read—and enjoy Nampo Cape.

Until next time,

Chris



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Agri Oos-Kaap Jongboer van die Jaar 2025 Kompetisie

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Die Agri Oos-Kaap Jongboer van die Jaar-kompetisie vier nie net boerdery-uitnemendheid nie, maar ook die toekoms van landbou in die Oos-Kaap. Jaarliks word jong produsente wat uitstaan in innovasie, volhoubaarheid en leierskap genooi om deel te neem aan hierdie gesogte kompetisie — 'n platform waar hul stories, strategieë en persoonlike roepings gedeel en erken word.

Van die berge van Maclear tot die heuwels van Bathurst, en die vrugteboorde van die Langkloof, het vanjaar se finaliste gewys dat jong boere nie net die land voed nie, maar ook die landboubedryf vorm. Elke deelnemer het 'n unieke pad gestap — met uitdagings, insigte en 'n passie vir groei — en hul profile getuig van die diepte en diversiteit van jong boerderye in die streek.

André Kritzinger van Tulpieskraal Boerdery naby Joubertina is op 6 Augustus by Agri Oos-Kaap se jaarlikse kongres by Mentorskraal in Jeffreysbaai aangewys as wenner om die Oos-Kaap te verteenwoordig in die nasionale Toyota SA/Agri SA Jongboer van die Jaar-kompetisie later vanjaar. Sy toewyding aan sistemiese bestuur, vroeë marktoegang en hoë gehalte vrugteproduksie het hom onderskei as 'n boer met visie en vasberadenheid.

Hier volg die profile van die finaliste en uiteindelijke wenner — elk 'n inspirasie op hul eie manier.





Agri Oos-Kaap Jongboer van die Jaar Wenner:

André Kritzinger:

Vrugteboer met visie,
vasberadenheid en vroeë oes

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Op 6 Augustus 2025, tydens Agri Oos-Kaap se jaarlikse kongres by Mentorskraal in Jeffreysbaai, is Johann Andreas "André" Kritzinger van Tulpieskraal Boerdery as die wenner van die Agri Oos-Kaap Jongboer van die Jaar-kompetisie aangekondig. Die geleentheid, geborg deur Standard Bank SA, het nie net André se prestasie gevier nie, maar ook die toekoms van jong boere in die Oos-Kaap belig. Hy sal nou die provinsie verteenwoordig in die nasionale Toyota SA/Agri SA Jongboer van die Jaar-kompetisie.

'n Boerdery met wortels en groei

Tulpieskraal Boerdery is geleë in die Langkloof naby Joubertina, waar André die agtste geslag is wat die grond bewerk. Sedert 2019 is hy aan die stuur van die onderneming, en hy glo vas: "Hoe beter jou sisteme, hoe beter is jou boerdery." Hierdie filosofie het hom gehelp om 'n komplekse boerdery met sagte vrugte (60% appels en 40% pere), steenvrugte, en 'n Boran- en Wagyu-stoet suksesvol te bestuur. André is ook 'n gewaardeerde verskaffer aan Tru-Cape Fruit Marketing, en sy fokus op vroeë oes en hoë gehalte maak hom 'n sleutelrolspeler in die uitvoermark.

'n Jong leier met 'n sterk nalatenskap

André se pa en beide oupas was boere, en hy het nooit aan iets anders gedink nie. "Ek geniet wat ek doen en kan nie myself in 'n ander beroep sien nie," sê hy. Maar sy pad was nie sonder uitdagings nie. Ná sy pa, Bokkie Kritzinger, se skielike dood moes André, toe net 23 en met slegs een jaar op die plaas, die besigheid oorneem.





“Daar was druk – almal kyk om te sien of die besigheid onder jou leiding gaan oorleef,” vertel hy. “Maar ons het goeie mense gehad en sterk sisteme. Ek het ook ondersteuning gehad van ervare mentors op die plaas, en dit het ’n groot verskil gemaak.” Sy ma het hom in dié tyd met raad en ondersteuning bygestaan, en dit het hom deurgetrek.

Beginsels vir boerdery sukses

André se drie sleutels tot ’n suksesvolle boerdery is eenvoudig maar kragtig:

- Beplanning – “As jy nie vooruit dink nie, gaan jy agterbly.”
- Netheid – “’n Netjiese plaas is ’n produktiewe plaas.”
- Hardwerkendheid – “Daar is geen plaas wat homself bestuur nie.”



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Wilco Transport is geweldig trots op André Kritzinger van Tulpieskraal Boerdery in Joubertina, wenner van die Agri Oos-Kaap Jongboer van die Jaar Kompetisie. Wilco verskaf al meer as 25 jaar dienste aan Tulpieskraal Boerdery, daarom is dit vir ons ’n absolute eer en voorreg om gelukwense oor te dra aan ’n toegewyde, hardwerkende en doelgerigte jong boer wat sy merk plaas op die landbougemeenskap. André, ons wens jou die allerbeste toe. Wilco staan bankvas agter jou.



Elke dag begin hy en sy produksiebestuurders 'n halfuur voor die spanne opdaag. "Dit help ons om vooruit te beplan en operasioneel voor te bly," verduidelik hy.

Uitdagings en oplossings

Hy identifiseer drie groot uitdagings:

- Eskom – "Die kragkrisis en stygende kostes is 'n groot bedreiging."
- Politieke onstabiliteit – "Swak bestuur van infrastruktuur en uitvoerkanale raak ons direk."
- Arbeid – "Stygende arbeidskoste maak dit al moeiliker om mense aan te stel."

Sy oplossings is prakties en vooruitstrewend:

- Sonkrag word geïnstalleer om kostes te verminder.
- Meganisering en nuwe plantmetodes verminder arbeid.
- Hy leer by internasionale praktyke om een stap voor te bly.

'n Sleutelbelegging was die installasie van nette oor 90% van die boord, wat nie net haelskade verminder nie, maar ook inkomste stabiliseer. "Die nette is nie net vir beter

André Kritzinger
WENNER



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Hartlik geluk

André Kritzinger

Agri Oos-Kaap 2025
Jongboer van die Jaar Wenner

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uitpakke nie, maar vir risikobestuur. Ek het nie gevoel ek het die ervaring om van 50-70% haelskade te herstel nie – daar is geen ander belegging wat homself so vinnig terugbetaal nie,” sê André.

'n Strategiese benadering tot vrugteproduksie

Appels en pere maak 95% van Tulpieskraal se produksie uit, met Royal Gala en Forelle as sleutel-kultivars. André sorg dat bome nie oorlaai word nie, wat jaarlikse konsekwente oeste verseker.

Hy het vinnig sy kompeterende voordeel geïdentifiseer: om sy vrugte 5 tot 10 dae vroeër op die mark te kry. Daarom plant hy doelbewus kultivars wat hom daardie voorsprong gee.

Sy jong bome is van die mooiste in die land, en hy spandeer self baie tyd by hulle. “Ek geniet dit om met jong bome te werk en nuwe blokke te sien ontwikkel. Dis die mees lonende gevoel wanneer die eerste oes van 'n nuwe blok inkom en alles lyk goed,” sê hy.



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Baie geluk

Andre Kritzinger

Agri Oos-Kaap

Jongboer van die jaar 2025.

**Ons is trots om met jou boerdery
geassosieer te word.**

Albert Niemand
082 774 9469

Tegnologie en produktiwiteit

André het begin om boordontwerpe aan te pas vir meganisering. Hy gebruik blaasmasjiene vir blaarverwydering, hegsnyers, en dien kunsmis toe via besproeiing. "Ons pak masjien is ook redelik gevorderd," sê hy.

Met 'n BCom-graad in Landbou-ekonomie en Risikobestuur agter sy naam, is André se finansiële bestuur een van sy sterkste bates. Hy glo dat goeie organisasie en beplanning die sleutel is tot hoë produktiwiteit op die plaas. "Soos arbeid en insetkoste styg, wil ons dit bestuur deur opbrengs en uitpakte per hektaar te verhoog."

'n Kompetisie wat groei en leer bevorder

André het ingeskryf omdat hy al lank betrokke is by georganiseerde landbou. "Dit voel vir my soos die 'ultimate' prys wat 'n jongboer kan kry," sê hy. "Jy toets jouself teen die bestes en leer baie – van jouself en van ander." Hy beskryf die toekenning as 'n diep persoonlike mylpaal: "Dit was vir my 'n ongelooflike voorreg en eer om hierdie toekenning te ontvang. Ek is nog altyd by



VIER LANDBOU UITNEMENDHEID

Moore Southern Cape wens met trots André Kritzinger van Tulpieskraal Boerdery, Joubertina, geluk met sy erkenning in die Agri Oos-Kaap Jongboer van die Jaar 2025-kompetisie.

Jou toewyding, innovering en verbintenis tot volhoubare boerdery is 'n inspirasie vir die landbougemeenskap. Ons is geëerd om deel te wees van jou reis en om die groei van landbou in ons streek te ondersteun.

Celebrating Excellence in Agriculture



As a key export partner of Tulpieskraal Boerdery for the past 25 years, it gives us great pride to see Andre's extremely deserving award as Agri Eastern Cape Toyota Young Farmer of the Year 2025!

Having inherited the responsibility of the family farm after his Dad's untimely passing, he has not just continued with Bokkie's legacy but in a short space of time has made strategic investments and changes that have significantly enhanced the business.

We are extremely proud to have been a part of this journey and we look forward to seeing him realise his full potential in the coming years.

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georganiseerde landbou betrokke, en hierdie kompetisie is iets wat ek van kleins af al wou doen. Dit is definitief iets wat ek vir altyd sal onthou."

'n Boodskap aan jong boere

"Werk hard, dink voor jy doen, en vra raad," sê André. "Iemand het waarskynlik al probeer wat jy wil doen. Jy hoef nie die wiel te herontwerp nie – maar jy kan seker maak hy draai vinniger."

Industrie-erkenning

Calla du Toit, verkrygingsbestuurder by Tru-Cape, sê: "Ek het selde 'n jong persoon gesien

wat so innoverend is. Hy kyk voortdurend buite sy eie omgewing om te sien wat ander doen en hoe hy dit kan verbeter. Ek sien baie van sy pa in hom – Bokkie was ook 'n innoverende denker wat graag nuwe benaderings probeer het."

Roelf Pienaar, besturende direkteur van Tru-Cape Fruit Marketing, voeg by: "André se toewyding aan gehalte, innovasie en volhoubare praktyke maak hom 'n voorbeeld van die volgende generasie dinamiese boere in Suid-Afrika. Sy benadering voeg groot waarde toe tot die Tru-Cape-handelsmerk en ons breër verskaffingnetwerk."

BAIE GELUK

André Kritzinger

Agri Oos-Kaap Jongboer van die Jaar



InteliGro Langkloof is trots om geassosieer te wees met Tulpieskraal Boerdery, Joubertina



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Agri Oos-Kaap Jongboer van die Jaar Finalis:

Paul de Klerk:

'n Jongboer met 'n roeping

In die bergagtige landskap van Maclear, waar die wind soms hard waai en die hael jou ongenooi kom kuier, boer Paul de Klerk met 'n vasberadenheid wat diep gewortel is in familie, geloof en 'n liefde vir die land. Op die plaas Esperanto, sowat 10 km buite Maclear, is Paul die vierde geslag wat die grond bewerk – en hy doen dit met oorgawe.

Saam met sy pa vorm hy die kern van A en P de Klerk Boerdery (Pty) Ltd, 'n maatskappy wat in 2017 gestig is en vandag 'n dinamiese gemengde boerdery bedryf met mielies, aartappels en vleisbeeste. Paul se rol is allesomvattend: "Ek is basies om elke hoek en draai om seker te maak alles loop soos wat dit moet loop," sê hy met 'n glimlag wat verklap dat hy nie bang is vir harde werk nie.

'n Boerdery met balans

Die boerdery is 'n fyn afgestemde ekosisteem. Aartappels word aan varsprodukte markte in P.E., Oos-Londen, King William's Town en Bloemfontein gelever. Mielies – meestal droëland – lewer indrukwekkende opbrengste van 12–14 ton/ha danksy jare se grondbou en goeie reënval. Die vleisbeeste, wat in die somermaande op vyf bergplase wei, keer in die winter terug na Esperanto vir kalfseisoen en versorging.

Die wisselbou is nie net slim nie – dis noodsaaklik. Ons plant groenvoer, gars en hawer direk na die aartappels. Mieliereste voed die beeste, en word groenvoer gebaal en gewrap vir die koue maande. "Ons boer hoofsaaklik in 'n suur wêreld," verduidelik

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to read article
in English**



Paul, "en dus probeer ons om elke tweede jaar elke bergplaas te brand sodat daar betyds gras is vir wanneer die beeste terugkeer."

'n Roeping, nie net 'n beroep

Vir Paul was boerdery nooit 'n keuse nie – dit was 'n roeping. "Die eerste keer toe ek op 'n trekker klim om lande te werk, het die gogga my gebyt," vertel hy. Die reuk van bewerkte grond is vir hom iets besonder. Hy het in 2017 gegradueer aan die Landboufakulteit in Bloemfontein, maar sy hart was altyd op Esperanto. "Landbou het my gekies," sê hy eenvoudig.

Beginsels vir sukses

Paul glo dat sukses in boerdery rus op vier pilare:

- Aanpasbaarheid – "As dit hael of iets onverwags gebeur, moet jy kan aanpas."
- Volhoubaarheid – "Besluite in goeie jare bepaal jou oorlewing in slegte jare."
- Selfverbetering – "Ek dink elke dag hoe ek dinge vinniger en meer doeltreffend kan doen."
- Verhouding met die Here – "As jou saak met die man daarbo nie reg is nie, sal niks jou kant toe gaan nie."



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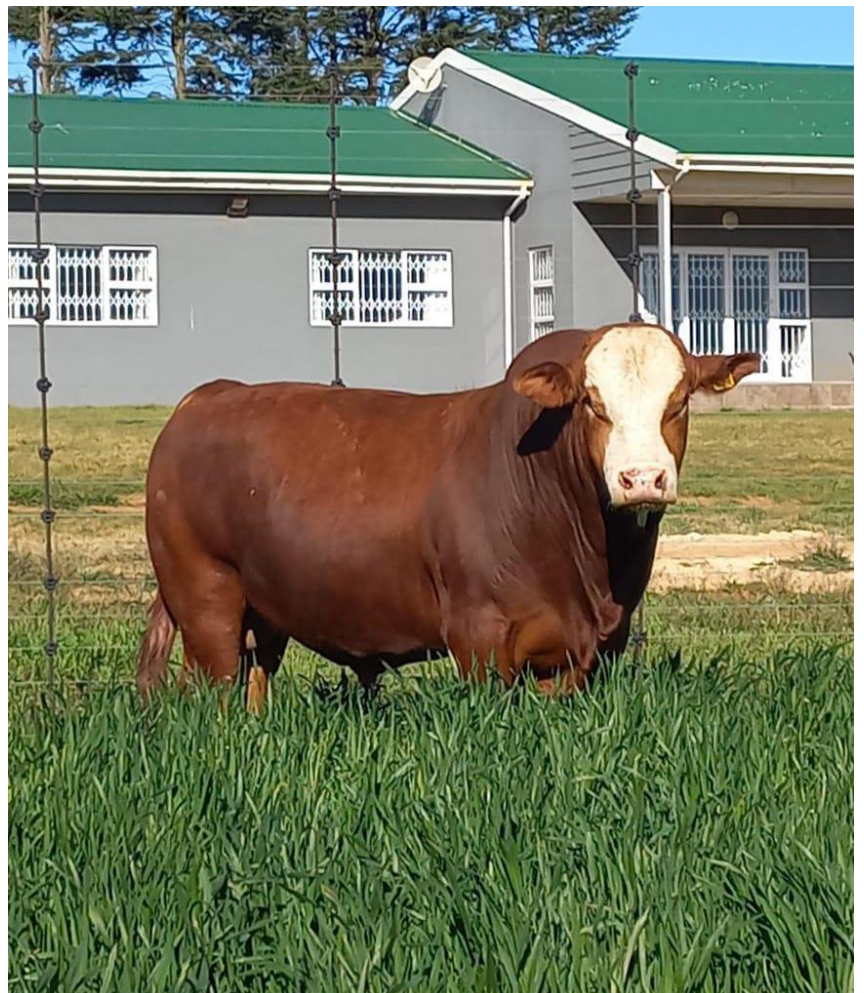
Uitdagings en oplossings

Die Maclear-streek bied unieke uitdagings: haelstorms, stygende insetkoste en armoede in die gemeenskap. Paul se benadering is prakties en strategies:

- Verspreiding van gewasse oor verskillende lande verminder risiko.
- Kultivarkeuses wat minder spuit en kunsmis verg, hou koste laag.
- Meer werksgeleenthede kan armoede verlig en misdaad verminder.

'n Nominasie met betekenis

Paul se inskrywing vir die Jongboer van die Jaar-kompetisie is geïnspireer deur Dwayne Kaschula, 2024 se wenner en mede-Maclear-boer. “Ek wil ander jongboere wys dat jy nie duisende hektare nodig het om 'n sukses te maak nie,” sê Paul. Sy deelname is 'n boodskap van hoop en aanmoediging.





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Baie geluk aan **Paul de Klerk** wat as 'n finalis aangewys
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Hierdie prestasie is 'n welverdiende erkenning
vir sy passie vir volhoubare boerderypraktyke en
sy vermoë om nuwe tegnologieë en innoverende
oplossings te integreer om produktiwiteit te verhoog.

Paul se vasberadenheid om sy boerdery te laat groei
terwyl hy terselfdertyd die natuurlike hulpbronne
verantwoordelik bestuur, maak hom 'n waardige
draer van hierdie titel.

Sedert 2022 is dit vir Farmers Agri-Care en Agri
Technovation 'n voorreg om Paul te ondersteun met
ons grondchemie ontledings, sowel as die verskaffing
van produkte en dienste wat sy strategiese doelwitte
aanvul en bydra tot sy sukses en reputasie in die
landboubedryf.



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**Hartlik geluk aan Paul de Klerk
met die merkwaardige prestasie om as
Agri Oos-Kaap Jongboer van die Jaar
2025 Finalis aangewys te word.
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'n Boodskap aan mede-boere

"Boerdery is nie maklik nie," sê Paul.
"Identifiseer wat vir jou werk en hou daarby.
Die boer wat die meeste houe kan vat en
steeds vorentoe gaan, maak die verskil. Byt vas
en gee elke dag alles wat jy het."

Hy sluit af met 'n oproep tot samewerking:
"Ons boer in 'n uitdagende land. Ons moet
saam werk om hierdie uitdagings te oorkom.
Wees realisties, maar moenie op die negatiewe
fokus nie."





Agri Eastern Cape Young Farmer of the year Finalist:

Siyabulela Sokomani:

Growing with Purpose, Resilience and Family

**KLIEK HIER
vir die artikel
in Afrikaans**

Where others saw only rock and dust, Siyabulela Sokomani saw potential. On a site that was once a disused quarry, he and his family established a thriving nursery — a symbol of perseverance, vision, and hope. Today, Nguni Nursery on Lothians Road in Makhanda is a respected supplier of mature indigenous and fruit trees for ecological restoration, greening initiatives, landscaping, and property development — not only in South Africa, but abroad as well.

A Family Business Rooted in Vision

Nguni Nursery is more than a business — it's a family project. Siya's wife, Ondela, is a director overseeing human resources. His mother serves as a non-executive director, and his eldest daughter, Lathitha, assists with marketing and is also a director. "The whole family plays a role," Siya says proudly. It's a business that grows not only trees, but leadership and shared purpose.

A Calling That Found Him

Siya's journey into agriculture began unexpectedly — a teacher started an environmental quiz club at school, which exposed him to ecological issues. That interest eventually led him to horticulture, a branch of agriculture in which he's been rooted ever since. "I didn't choose agriculture — it chose me," he says.





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Principles for Sustainable Growth

For Siya, three core principles define a successful farming enterprise:

Passion – “If you don’t love it, you won’t last.”

Management – “You have to manage both the crops and the people.”

Resilience – “The weather is out of your control. You must be ready for anything.”

The Roadblocks Facing Young Farmers

Siya is candid about the challenges he and other young farmers face:

- Access to land – “It’s still a major barrier for new and emerging farmers.”
- Market access – “Many farmers struggle to sell their produce at fair prices.”
- Finance – “Conventional banks offer little to no support for emerging farmers, especially in ornamental horticulture.”

Practical Solutions for Systemic Issues

Siya believes the solutions already exist — they just need to be implemented effectively: Land reform laws must be applied in ways that truly empower people.





Market access requires private sector involvement; buyers need to open their procurement systems to small and black-owned producers.

Financial support must be paired with practical help: more extension officers and field-level support from people who speak the language of farmers. "Private sector players also need to take calculated risks and believe in youth-led farming businesses."

A Nomination That Tells a Story

Siya decided to enter the competition when he realised no one from his association had done so. "We turned a non-functioning quarry into a working nursery in under three years — that's worth sharing." His entry is a celebration of hard work and proof that meaningful growth is possible, even in tough conditions.

A Message to Young Farmers

"Start small with what you have," Siya advises. "Too many young people want to start big, without a proven concept, and expect funding to follow. But real investors want to see what you've done with your own money first." His advice is simple but powerful: "Even if it is just one tree, one bed of spinach, or five chickens in your backyard — just start."



Agri Eastern Cape Young Farmer of the year Finalist:

Diana Arnold:

Farming with Grass, Soil, and Grit

**KLIEK HIER
vir die artikel
in Afrikaans**

In the hills near Bathurst in the Eastern Cape, Diana Arnold farms with beef cattle, a few Meatmaster sheep, and a deep respect for the land. At Glenhope Farming, she's not just a farmer — she's a steward of a regenerative system that balances veld, animals, and family.

Diana and her husband Cullen live on the farm, but she runs the farming operation. Cullen works at Summerpride, the pineapple processing plant, while Diana manages the herd and the grazing system. Their daughter Sophia is cared for on the farm by a nanny — a reflection of how the family's life revolves around the land.

The farm uses a camp system with an average of 90 days' rest per camp and central water points. "We don't just farm with cows," Diana says. "We farm with soil, legumes, and grass — because without the land, there are no cows." The system requires minimal labour and allows for efficient management, with one person able to move and monitor an entire herd.

A Path of Passion

Diana grew up on her family farm near Somerset East and has been passionate about agriculture from a young age. She studied a BA degree because she had to pursue something outside of farming, but after working on a cattle station in Australia for a year, she knew her heart belonged on the farm.



Principles for Success

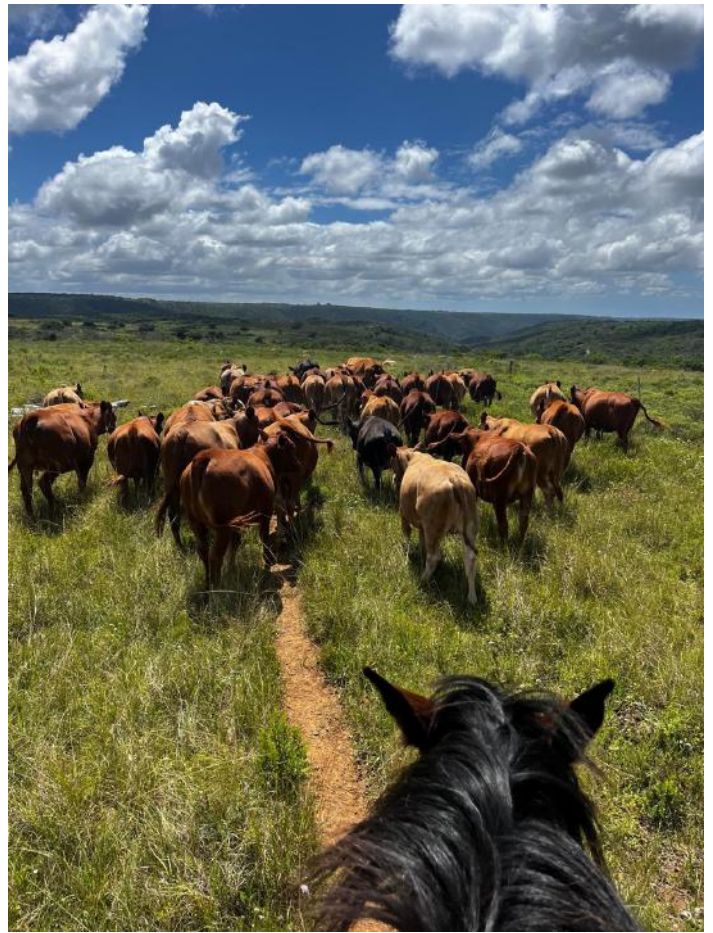
For Diana, three pillars define a successful farming enterprise:

- **Productivity** – Every cow must conceive and raise a good calf each year. Weaners must be sold at the right time and grow well. Supplements and licks must be managed correctly.
- **Sustainability** – The veld and natural resources must be cared for. As the veld improves, so does the herd — and hopefully, the profits too.
- **Financial management** – Cash flow, budgeting, and smart spending are essential. “I want to farm for the rest of my life, so I need to manage my finances carefully.”

Challenges in Agriculture

Diana speaks candidly about the hurdles:

- **Minimum wage** – “We’ve had to scale down on labour. There are so many hungry, unemployed people we would love to hire, but we simply cannot afford to feed, house, and pay them.”





- **Climate change** – “My first drought was in 2019. The climate is so unstable now that we have to ‘budget’ for droughts — even grass must be planned as a drought reserve.”
- **Animal health** – Diseases like heartwater and red water are major issues. Outbreaks like foot-and-mouth disease make the beef market volatile. Biosecurity is crucial, but poor management at Onderstepoort makes it hard to access vaccines.

A Nomination That Inspires

Diana did not enter the competition herself — someone called to say they were nominating her. At first, she was hesitant. “I am just someone who does my thing and keeps going,” she says. But her husband encouraged her: “You should do it to inspire others — especially other women, because farming is still a male-dominated industry.”

A Message to Young Farmers

“Farming isn’t easy,” Diana says. “But if it’s in your heart and soul, you will make it work. There will be days when you feel like giving up, but if you keep your head down, work hard — and smart — and keep believing it will come together, you will succeed.”





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VRYSTAAT LANDBOU
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Jongboer van die Jaar 2025 Wenner

Tienie Prinsloo: Leierskap wat wortel skiet

[CLICK HERE
to read article
in English](#)

Met 'n hart vir sy gemeenskap, 'n visie vir volhoubare groei en 'n boerdery wat elke jaar sterker staan, is Tienie Prinsloo van Loomar Boerdery naby Hoopstad in Augustus 2025 aangewys as Vrystaat Landbou se Jongboer van die Jaar. Dié eerbewys, toegeken tydens die organisasie se jaarkongres, is nie net 'n erkenning van sy boerdery sukses nie, maar van die soort leierskap wat die landbousektor in Suid-Afrika dringend nodig het.

'n Boerdery gebou op familie, geloof en visie

Tienie, 36 jaar oud, boer reeds 15 jaar op die familieplaas saam met sy pa, Martiens. Die twee vorm 'n dinamiese span wat nie net hul grond bewerk nie, maar ook hul nalatenskap bou. "My pa het altyd gesê hy boer vir my. Toe my seuntjie, Martiens, gebore is, het ek vir hom gesê ons het nou 'n nuwe baas vir wie ons albei werk," vertel Tienie met 'n glimlag.

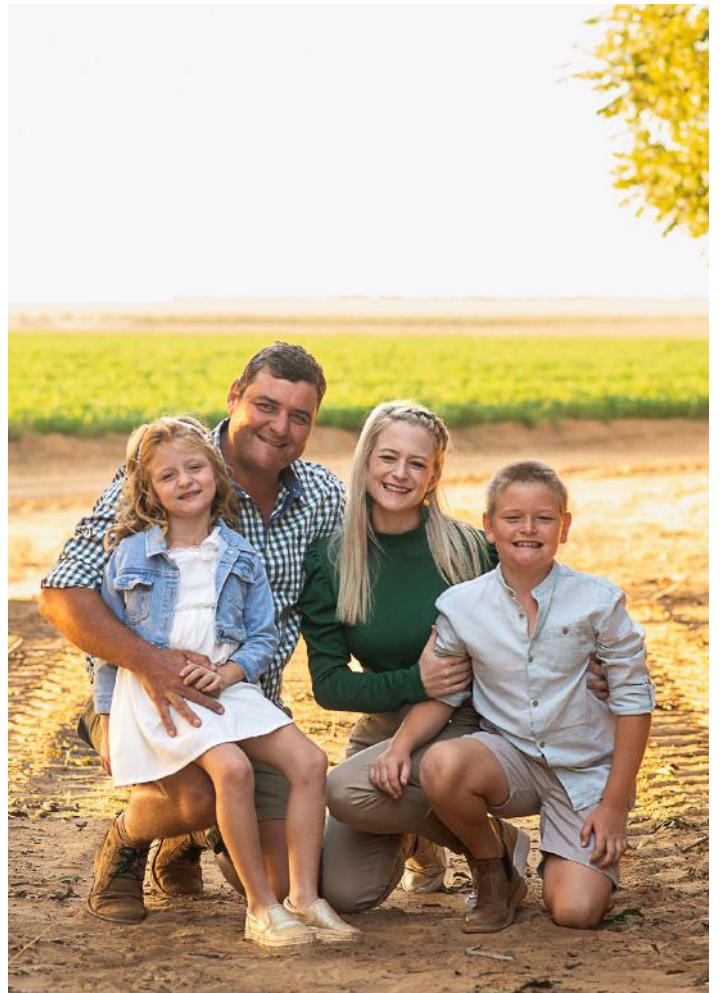


Dié gesinswaardes loop soos 'n goue draad deur Loomar Boerdery. Sy vrou, Annelien, 'n gekwalifiseerde boekhouer, bestuur die finansies van die onderneming, en hul kinders, Martiens (9) en Karlien (6), word groot met 'n liefde vir die land en die lewe op die plaas. "My kinders is die belangrikste beleggings vir die toekoms," sê hy. "Hulle leer van kleins af wat dit beteken om verantwoordelik vir die skepping te wees."

Diversiteit as sleutel tot volhoubaarheid

Loomar Boerdery se sukses lê in sy diverse produksiemodel. Die pekanneutboorde is die hart van die onderneming, met meer as 16 000 bome wat sedert 2023 geplant is. Die pekanneute word uitgevoer na internasionale markte, terwyl hul lusern en ander gewasse ook 'n belangrike rol speel in die boerdery se inkomste. Daarby verbou Tienie ook suikerbone, groente en bedryf 'n Beefmasterstoetery — 'n passie wat hy met trots uitleef.

"Diversifikasie is nie net 'n strategie nie, dis 'n noodsaaklikheid," verduidelik hy. "As jy jou risiko's versprei, bou jy iets wat kan bly staan, ongeag die mark of die klimaat." Hy het ook begin om inkomste in buitelandse



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Baie geluk, Tienie Prinsloo, met hierdie welverdiende benoeming. As 'n leier in die landboubedryf, beliggaam jy die waardes waarin ons glo—harde werk, volhoubaarheid en 'n diep verbintenis tot die gemeenskap. Ons is trots om jou te ondersteun en stap elke tree van die pad saam met jou.



KEVIN STEVENS

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BAIE GELUK!



Tienie Prinsloo

2025
Jongboer van die Jaar
finalis!

Tienie, namens die hele Nut Link span, wens ons jou geluk met hierdie besondere prestasie! Ons is trots om met jou geassosieer te word en sien uit om nog 'n lang pad saam met jou te stap.

Nut Link – die pekanneutboer se vennoot vir vertroue en kwaliteit.



geldeenhede te verdien deur wild- en landbouverkope, wat hom help om die impak van wisselkoersskommeling te bestuur.

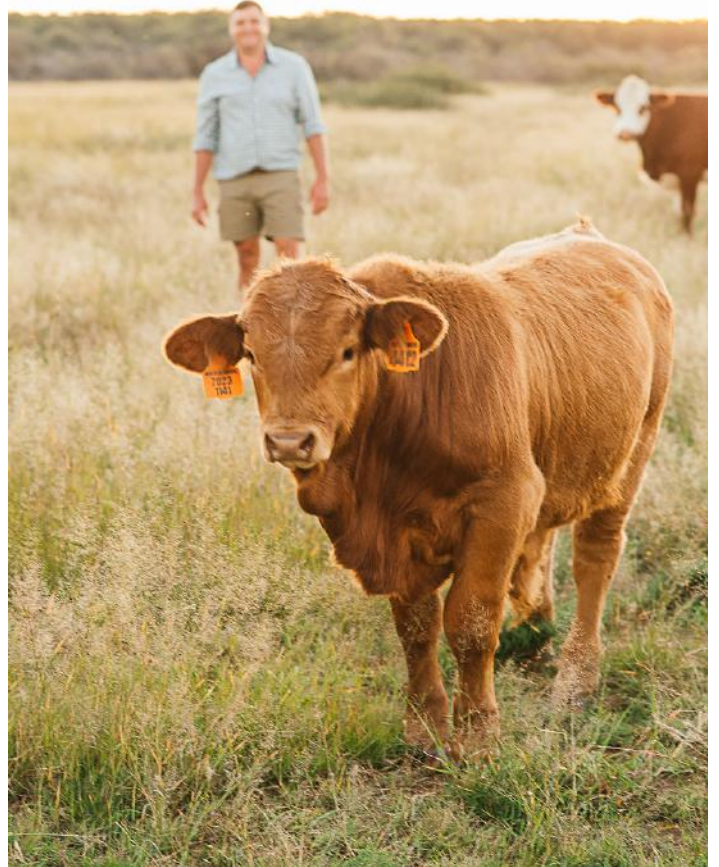
Rentmeesterskap en gemeenskapsbetrokkenheid

Vir Tienie is boerdery nie net 'n beroep nie — dis 'n roeping. Hy glo in rentmeesterskap: die beginsel dat jy die grond beter moet agterlaat as wat jy dit ontvang het. "Ons het 'n verantwoordelikheid om slim en volhoubaar te boer. Jy moet dink aan hoe jou besluite vandag die land en jou boerdery oor twintig jaar gaan beïnvloed," sê hy.

Sy betrokkenheid strek ver buite die plaashek. As voorsitter van die plaaslike landbougenootskap, lid van verskeie landbouorganisasies, en aktiewe deelnemer aan gemeenskapsprojekte, is hy 'n leier wat nie net boer nie, maar ook bou. Hy glo vas in georganiseerde landbou en die krag van samewerking. "Jy kan nie alleen boer nie. Ons moet saamstaan, mekaar help, kennis deel. Dit is hoe ons sterker word."

'n Nederige winner met 'n lied in die hart

Wat Tienie onderskei, is nie net sy boerdery vernuf nie, maar sy nederigheid en menslikheid. "Ek staan elke oggend op met 'n



Baie geluk Tienie Prinsloo, Vrystaat Agri Jongboer van die jaar 2025!

Nicsha Petroleum ondersteun met trots jou bekroonde boerdery onderneming.

Ons sien uit daarna om ons verbintenís voort te sit en saam met jou die pad te stap.



Ryan Mc Crae
082 499 5585
Sales Representative



Baie geluk aan Tienie Prinsloo met die besonderse prestasie as Vrystaat Jongboer van die Jaar.

Hierdie toekenning is 'n welverdiende erkenning vir jou visie,
harde werk, uitstekende sake etiek,
ondersteun deur goeie besluite in die landboubedryf.

Mag die seisoene wat voorlê voorspoedig wees,
gevul met groei, sukses en uitbreiding van jou boerdery.

Van Doorn sien uit na nog baie jare van samewerking
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 **Van Doorn**



oop hart. Dis vir my lekker om met mense te werk, veral met dié wat 'n verskil wil maak," sê hy. Hy sien sy rol as boer nie net in terme van produksie nie, maar ook as 'n bouer van verhoudings en 'n draer van hoop. Die beoordelaars van die Jongboer-kompetisie het hom geloof vir sy strategiese denke, sy toewyding aan volhoubare praktyke, en sy vermoë om 'n gemeenskap te inspireer. Sy aanwysing as wenner is 'n bevestiging van die feit dat ware leierskap nie net in resultate lê nie, maar in karakter.

'n Boodskap aan jong boere

Tienie se raad aan jong boere is eenvoudig maar kragtig: "Wat ons vandag doen, bepaal waar ons oor 20 jaar gaan wees. Ons moet slim werk, ons gemeenskap ondersteun, en verantwoordelikheid aanvaar vir die toekoms." Hy glo dat Suid-Afrikaanse boere van die beste ter wêreld is — nie omdat hulle dit maklik het nie, maar omdat hulle altyd 'n plan maak. Met die nasionale Jongboer van die Jaar-kompetisie wat later vanjaar plaasvind, is Tienie nou op pad om sy provinsie op die nasionale verhoog te verteenwoordig. Maar vir hom bly die grootste eer om elke dag saam met sy gesin te boer, sy gemeenskap te dien, en 'n nalatenskap te bou wat sal voortleef lank nadat die laaste pekanneut gepluk is.



Baie geluk aan **Tienie Prinsloo** van Triple S Beefmasters met jou aanwysing as Vrystaat Jongboer van die Jaar 2025. Dankie vir jou volgehoue ondersteuning en verbintenis met Agricol deur die jare. Ons is trots op jou met die prestasie. Doen so voort!



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The Importance of Standardised Testing in Accurate Genetic Evaluation of Cattle

Freek Botes:

ARC National Beef Recording and Improvement Scheme

Have you ever looked at a sales catalogue and wondered with how much care the measurements were taken that are expressed in the indexes listed in the catalogue?

The truth is that herd indexes remain a vital tool for decision making when customers purchase animals from a seed stock breeder. The in-herd indexes are supposed to give context to how animals have performed in their environment and herd. So, the question is: how can you know if you can trust indexes in catalogues?

Maybe we should start by looking at a remarkably simple yet very important equation:

Phenotype = Genotype + Environment

It is a foundational concept in quantitative genetics because it helps us understand how traits (like milk yield, muscling, or growth rate) are influenced by both genetic and environmental factors. It helps us to understand that the performance measurements we take of an animal (its phenotype), whether it is growth or body measurements, is always partly influenced by the environment. Let us quickly look at the equation.

- **The Phenotype (P)** is the observable trait

or characteristic of an animal i.e. weight, height, milk production, calving percentage, etc. It is what you can measure or see.

- **The Genotype (G)** on the other hand is the genetic makeup of the animal — the portion of the phenotype that is determined by its DNA. It includes all the inherited genetic information that affects the trait. In breeding, this is the heritable component — the part that is passed on to the offspring.
- **Environment (E)** refers to all non-genetic factors that influence the trait. It includes nutrition, climate, disease exposure, environment, management practices, etc. Even animals with the same genotype can show different phenotypes if raised in different environments.

This equation matters in breeding because breeders want to select animals with good genotypes, not good phenotypes.

Since the phenotype is a mix of genes and environment, it can be misleading if the environment is unusually good or bad. Tools like Estimated Breeding Values (EBVs) help separate genotype from environment to make better selection decisions. However, if the person who collects the measurements did not give diligence and scientific principles, the indexes will be misleading.



If for example a trait is 20% heritable, it means that the environment contributed 80% in the expression of the trait observable in its phenotype. If extra care was not given to standardise the environment in which the animal lived, the observable traits that we measure might be more a result of the influence of the environment than the genetic makeup of the animal.

Therefore, the goal for any person collecting performance data should be to reduce and control the environmental variation as much as possible so that differences in phenotype more accurately reflect differences in genotype.

This makes it easier for breeders to select animals based on genetic merit rather than temporary or external influences.

It should be remembered that the primary goal of all performance testing is to produce Estimated Breeding Values (EBVs). To understand why standardised performance testing procedures matter, it is essential to first revisit the concept of EBVs.

An Estimated Breeding Value (EBV) is a prediction of an animal's genetic potential to pass on desirable traits to its offspring.

EBVs are calculated using performance records, pedigree data, more recently also including genomic information. These values are generated through Best Linear Unbiased Prediction (BLUP) models. These models separate genetic influences from environmental factors to provide a more accurate measure of an animal's breeding potential. The higher the accuracy of EBVs, the more dependable they are in predicting an animal's genetic contribution to the next generation.

This brings us to a critical point—adhering to standardised test procedures when collecting data for EBVs is crucial for ensuring the accuracy, reliability, and comparability of genetic evaluations.

The reason is that standardised test procedures in animal performance recording are aimed at identifying and controlling – as far as possible – environmental (non-genetic) effects that may have influenced the performance of a specific animal. This critical

point brings us to the principle and aims of constituting contemporary groups.

A particularly important contributing factor in collecting accurate data for EBVs is the use and constitution of contemporary groups.

Contemporary groups provide a standardized framework for evaluating the genetic and environmental influences on cattle performance including things like growth and development.

A contemporary group can be defined as a group of animals born in the same year/season (similar age range), kept at the same location (same herd or farm), group of the same sex and managed alike from birth to the time of measurement (same feeding regime, same date of measurement, etc.)

In general, guidelines on contemporary groups are aimed at ensuring that any contemporary group is defined in such a way that the most significant environmental effects are the same for all animals within a particular group. Properly defined contemporary groups (combined with good genetic links between

groups) very importantly, will ensure that BLUP can effectively separate genetic and environmental effects within any group. Ultimately, the use of contemporary groups in performance testing is essential for advancing beef production efficiency and sustainability.

To answer the question raised at the beginning of the article—how can we know if we can trust indexes in catalogues?

The only way to know is to be sure that the breeder made every effort to take accurate measurements. Also, that the breeder made every effort to control and standardise the environment as much as possible through standardised testing procedures because environmental influences can positively or negatively influence the performance of an animal. This can lead to indexes that are more a result of the influence of the environment than the genetic makeup of the animal and ultimately will not lead to better-informed selection decisions and sustained genetic improvement in beef cattle.

Contact the author

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GrowSafe Feed Intake and GrowSafe Beef systems

Dr G M Pyoos:
ARC-Animal Production, Irene

The facilities of The Vytelle SENSE™ system (formerly GrowSafe Systems), highlighting In-Pen Weighing Positions, is utilized to collect individual weights from beef cattle in an automatic and non-intrusive way. The technology permits for continuous observing of individual animal weights and growth rates by gathering front-end partial body weights and converting them to full body weights using Vytelle's proprietary algorithms. The use of In-Pen Weighing Positions decreases labour necessities associated with chute weight (full body weight) collection, stress, and injury in animals and handlers. The In-Pen Weighing Positions also gathers many weights from each animal daily in real-time, which improves the accuracy of daily weights

and delivers a daily empty body weight. The GrowSafe system, uses a RFID (radio frequency identification device) ear tag to identify individual animals and each feeding bin is equipped with an RFID antenna. Cattle may eat at any one of several feed bins. The bins are all on load cells and as soon as the animal enters to eat, its number is automatically scanned and the bin weighed. When the animal has finished eating and moves out, the bin is weighed again to a resolution of 10 grams.

In addition to accurate feed intake recorded in real-time, the ability to constantly monitor intake per animal means that animal behaviour such as duration of feeding, amount of feed consumed per feeding, number of feedings

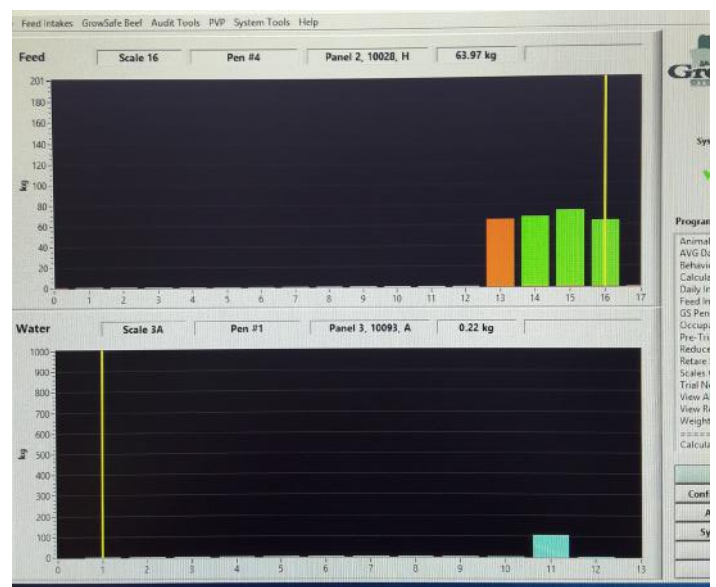


Figure 1 gives an indication of the real time recording of feed intake (Orange [animal present at feed bin] & Green bars [no animal present]) as well as partial body weight at water intake (Blue bar [animal present at water trough]).



Figure 2 An animal is drinking water. Note that it is standing with its front legs on the scale and a partial body weight is taken. The antenna at the top transfers the information in real-time via radio link to the computer in the office (figure 1).

per day and animal relations can be monitored.

Utilization of the system

The system will be used to test the performance of young bulls as is currently done at the ARC Bull Testing centres. The GrowSafe system will allow for the testing of more animals with better monitoring and less human interference. It may also be possible to reduce the test length. Both residual feed intake (RFI) and net growth rate (NGR) will be estimated from the information. RFI is where the animal eats less but grows the same and NGR is where the animal's intake remains the same,

but it grows faster.

The newly installed GrowSafe systems will allow for the test of more animals with better monitoring and less human interference. There will also be more research possibilities with the amount of data and different types of data captured. The GrowSafe system can also be employed in commercial feedlots with no adjustment to existing feeding or watering practice, the reader panel is able to read several transponders concurrently and differentiates between them and allowing all animals at the trough to be detected simultaneously.



Figure 3: Animals in trials feeding from feed bins.

Data Captured in the System

These data sets represent feed intake and partial body weights at water intake in real-time,

accurate to 10 seconds for feeding and 30 seconds for partial body weights at each time frame.

Presented in **Table 1** is the data in raw form, which is captured by the system:

<u>MealEvents</u>				
<u>EID</u>	<u>Time label</u>	<u>Duration</u>	<u>Head Down</u>	<u>Consumed</u>
982000196669882	22-08-17 23:10	495	119	360
982000196669882	22-08-17 23:26	1249	255	1610
982000196670274	22-08-17 23:26	1081	50	500
982000196670274	22-08-17 23:58	85	10	120
982000196670275	22-08-17 23:26	1	1	0

This data is representative of individual animals (**categorized by EID tags**) and the times, which they started feed consumption, their duration (**time spent at each feeding**), the number of times their head was put down and the amount of feed consumed in grams in that specific time setting. E.g. 495/60sec = 8.25min (time frames are measured in seconds). So, the first animal listed, we may deduce that the animal consumed 360g of feed while its head was down in the trough for approximately 1.98min. The total duration of time it spent at the feed trough however was 8.25min.The

animal in red just indicates that it may have entered the feed trough through the gate and exited again before entering and commencing with actual feeding. One should note the important of such data in terms of using these data sets for performance testing of beef cattle and among different beef cattle breeds (crossbreeding). Further studies may be performed integrating feed behaviours on performance, production and fertility under different climatic conditions, especially concerning climate-smart agriculture.

Presented in **Table 2** is the data in raw form, capturing daily partial body weights and estimated ADG (gain) of an individual animal:

<u>Daily Weights</u>					
<u>EID</u>	<u>Time label</u>	<u>Weight</u>	<u>Tag</u>	<u>Gain</u>	<u>Gain Rate</u>
982000196670281	22-08-17	216.98	Q01,96314	0	0
982000196670281	23-08-17	218.42	Q01,96314	1.44	1.4434
982000196670281	24-08-17	219.87	Q01,96314	1.45	0.0046

The data in this table gives insight to an individual animal’s feeding behaviour in a single day in real-time without any external disturbances to the feeding camps. The system will also measure the gain from the weights the animal obtains each day and that will be calculated as the average daily gain (ADG). This data can also be recorded and summarized over a period of 2 weeks for individual animals. The time label in red indicates the trial start date,

so the gain and gain rate of this animal would be 0 until the next day. Accurate ADG will need to be further measured in terms of full body weights concerned as this data only measures partial body weights, algorithms will need to be developed for the breeds, which will reflect accurate representations of their raw body weights and ultimately give corrected ADG readings.

Presented in **Table 3** is the data capturing the duration spent by each animal as partial body weights are being measured:

Drinking Episodes			
EID	Time label	Duration	Head Down
982000196669882	22-08-17 23:21	72	34
982000196669882	22-08-17 23:49	438	62
982000196669882	23-08-17 8:21	72	34

This data is most important pertaining to studies regarding research on heat stress and global warming, which may influence animal behaviours. Farmers may benefit tremendously and save gallons of water a year if they knew the precise amounts of water a specific breed may need daily. The first row shows an animal visiting the water trough at 23.21PM, the duration spent there was 72 seconds with its head being down for 34 seconds. This data may

give a broader spectrum as to specific times different beef cattle breeds may visit the water troughs and how much they would on average consume at a time. As climate is changing, we experience more heat waves and less precipitation over recent years; this provides more hope to farmers in terms of saving large amounts of water, which may ultimately be used in other farming sectors such as crops.

Presented in **Table 4** is the data capturing the individual animals and the total daily feed intake:

Feed Intakes			
EID	Time label	Intake	Pen
982000196669882	22-08-17	1970	Pen #4
982000196670274	22-08-17	620	Pen #4
982000196670275	22-08-17	100	Pen #4

The data here reflects each animal and the total daily feed it has consumed from a specific pen, or camp on a specific date. E.g., the first animal has consumed 1970g = 1.97kg in Pen number 4. From this, we may also measure specific growth patterns of each individual animal over time.

Current research projects with the GrowSafe system

Indigenous Livestock forms the backbone of relevant and sustainable livestock production in communal areas of South Africa since, compared to high performing exotic breeds, they are better adapted to survive and reproduce under harsher environments (Scholtz et al, 2013). This will become even more important in the era of climate change. Breeds like the Afrikaner, Nguni and Bonsmara are extremely well adapted to the climatic and other conditions encountered under extensive farming in South Africa. It could recover after drought immediately after the nutritional value of the veldt improves.

Climate change has the potential to adversely affect livestock, with consequences to animal welfare, greenhouse gas emissions, productivity, human health and livelihoods. Phenotypic plasticity is the ability of a breed to produce different phenotypic traits, contingent on environmental conditions, linked to adaptation to climate change. Approaches have shown that plasticity can advance when under direct selection and as a correlated response to selection for specific traits. Therefore, new breeding goals should be defined to use the potential of plasticity accumulated in beef breeding.

The aim of this project is to quantify the negative impact of global warming on beef production and develop scientific information to give guidance to farmers on the use of adapted cattle breeds, climate-smart production systems and the utilization of climate-smart production that will improve beef production and management in adverse climatic conditions.

Other uses of this system in terms of information dissemination

Climate change will bring major challenges in animal production in the long term. It is therefore important to do research on the effects of climate on, for example, the efficiency, growth rate and behavioural patterns of the various beef cattle breeds present in South Africa.

Feed represents as much as 75% of production costs. Improving feed efficiency can mean big savings for producers. Traditionally feed efficiency traits such as feed conversion ratio (feed intake/growth) and feed efficiency (growth/feed intake) were used as measures of post weaning efficiency. Alternative efficiency traits have now been developed, viz. residual feed intake (RFI) and residual daily gain (RDG).

This is especially important for traits that are expensive or difficult to measure such as Residual Feed Intake and Residual Daily Gain. Seed Stock, Commercial and Emerging farmers will all benefit from this information as it will facilitate sustainability and climate smart production systems, whilst also providing consensual data needed for research in this field.

Entry levels are lower, machinery and technology are not as sophisticated, and it creates food security for the families who are farming, and it allows for economic activity.

The major challenge for agriculture, and with it the hopes of the country, is the emerging commercial farmer. Support here will enable such a farmer to become an active participant in the commercial farming sector and access the entire production value chain. They should also be more exposed to advanced uses of modern technology implemented currently in the farming sector by the Agricultural Research Council – Animal Production (ARC-AP). We therefore need to capacitate our emerging farmers, ensure they are well-informed, innovative and enable them to succeed, not only because of transformation targets, or for addressing injustices of the past, or for stability and jobs in the rural areas.

The ARC-AP has recently promoted climate-smart agriculture by purchasing a high-tech GrowSafe feeding system for cattle, currently this system is being utilized to performance test post-weaning diverse crossbred indigenous and exotic cattle for traits such as growth, average daily gain, residual feed intake, feed intake and water intake behavioural patterns under periods of extreme climatic conditions. Exposing emerging farmers

to this sort of advanced agricultural technology along with integration of information dissemination of current research taking place will allow for empowerment and better understanding of how to improve their own farming techniques and skills as well their financial stability and to sustain their livelihoods, with ultimately targeting food security and beef productivity.

GrowSafe System – Technological Implementation in Agriculture

- The research possibilities are many. With this system the effect of temperature on animal behaviour as well as water and feed intake can be determined. The system can also be used to collect the information from Central Testing (Phase C) more accurately and it can even shorten the length of the tests. Seed Stock, Commercial and Emerging farmers will all benefit from this information as it will facilitate sustainability and climate smart production systems, whilst also providing consensual data needed for research in this field.
- Emerging beef cattle farmers in South Africa need more initiative from researchers and commercial beef farmers with regards to information dissemination and information days. About 60% of approximately 14 million cattle in South Africa belong to commercial farmers, while the outstanding 40% of herds are owned by emerging or communal farmers, of whom are frequently not provided with support needed in a highly intricate and competitive environment. (Beefmaster, 2024). They should also be more exposed to advanced uses of modern technology implemented currently in the farming sector by the Agricultural Research Council – Animal Production (ARC-AP).
- We therefore need to capacitate our emerging farmers, ensure they are well-informed, innovative and enable them to succeed, not only because of transformation targets, or for addressing injustices of the past, or for stability and jobs in the rural areas. Exposing emerging farmers to this sort of advanced agricultural technology along with integration of information dissemination of current research taking place will allow for empowerment and better understanding of how to improve their own farming techniques and skills as well their financial stability and to sustain their livelihoods, with ultimately targeting food security and beef productivity.

Contact the author:
pyoosg@arc.agric.za

Wildfires are set to become commonplace

Here is how World Cup rugby star and farmer Kwagga Smith prepares for fire season

The Council for Scientific and Industrial Research (CSIR) reports that the increasing urbanisation of South Africa's rapidly growing population is a significant factor impacting the risk of wildfires. They explain: "More and more people, assets and infrastructure are placed on the boundary or interface between developed land and fire-prone

vegetation – what we call the wildland-urban interface (WUI) – where they are exposed to wildfires." They go on to say that the combination of climate and vegetation characteristics that favour fires, and growing human exposure, results in significant wildfire risk across the country, especially in the southern and eastern parts.





“Unfortunately, the situation will not improve because climate change will result in more frequent and extended high fire danger periods and, therefore, an increased likelihood of severe fires,” they further add, advising that the best option is to reduce fire risks and keep them as low as possible.

Kwagga Smith a world-cup winning rugby player, is also a farmer in one of the highest fire-risk areas in our country. “The Dullstroom area has experienced some devastating fires and as a farmer, you need to be prepared at all times. Drawing from his personal experience, he shares valuable advice on fire prevention and safety. These are his five top tips for BEING PREPARED for fire season:

Burn fire breaks

Start this process in summer rather than waiting until after the first frost. Burn the tracer lines so that it's easy to burn the breaks after the frost kills the grass in winter. Apply glyphosate using sprayers to create a 1m wide strip along the fence line and another 1m strip about 20m into the farm. Once this grass dies off, burn it. Then wait for the frost, which will kill the grass in the 20m strip between the tracer lines. After the frost, burn this area. This final burned strip becomes your firebreak.

Skill up, Gear up

A fire break will not stop a fire though; it's there to give you space to work from. Back burning, beating or some other form of firefighting, will still be necessary to stop a fire from spreading. It is, thus, essential that everyone is skilled and equipped to be able to manage fires.

Invest wisely

When you're facing a raging inferno, any money saved from buying inferior equipment can quickly become a costly mistake. Rather invest in quality machinery that will perform reliably when it is needed most.

Be ready

Before fire season, service and test all necessary equipment. Make sure pumps and leaf blowers are easily accessible, chainsaws are sharp, tractors are fuelled, fire beaters are intact, and your 'bakkie-sakkie' is full. This will ensure that everything you need is ready and on standby. In the case of an emergency, preparedness can make all the difference.

Share the Responsibility

Fire defence shouldn't rely on a single person. It's crucial that multiple people know who to call and what to do in an emergency. Ensure that several individuals can take charge if you are not around, thereby creating a more robust fire response system.

“My dad always said “Goedkoop is duurkoop” – “Penny wise, pound foolish”. That's why our family invests in Husqvarna's sprayers, chainsaws, blowers and pumps to ensure we have quality, reliable equipment on hand in the event of a fire. You never know when you will need it and being prepared can make all the difference,” concludes Kwagga.

For more information about Husqvarna's range of products and support, please visit www.husqvarna.com/za/



NAMPO Cape 2025 Promise Unforgettable Expo Experience



NAMPO Cape 2025, scheduled from 10–13 September in Bredasdorp, stands as a pivotal event where agricultural innovation integrates seamlessly with practical applications. Under the theme *“Smart Technology for Efficient Resource Management”*, the expo will offer a forward-looking exhibition of systems and solutions engineered to increase productivity, minimize waste, and strengthen long-term farm resilience.

Visitors will have the opportunity to engage with pioneering technologies that exemplify the movement toward efficiency, sustainability, and data-driven decision-making in agriculture. Some of the Smart Technologies that will be showcased at Nampo Cape 2025 include:

Smart Irrigation Systems: Real-time monitoring facilitates accurate water usage across crop types.

- **Irrigator Products:** Wireless irrigation solutions featuring VSD pumps and solar-powered radio technology
- **Agrico:** Terrain-adaptive pivot systems equipped with Web Control
- **Mottech:** AI-enabled irrigation autopilot and IoT-based recommendations

Renewable Energy: Sustainable energy platforms reduce dependence on traditional sources and decrease operational expenses.

- **Agri Solsec:** Solar-powered smart surveillance with real-time motion alerts
- **2Zero50:** Modular solar energy units featuring integrated batteries and data management



Livestock Management: Innovative tracking of health and behaviour leads to improved feed efficiency and pasture utilization.

- **Kokama:** Modular feed delivery systems and bale handling equipment
- **Hexagon Industries:** Recycled plastic livestock tools requiring minimal upkeep
- **Kraal.farm:** GPS ear tagging combined with predictive analytics for livestock

Precision Agriculture

- **Crosscape:** GPS-guided steering and precision application systems
- **Tubestone / BKT:** VF/IF radial tires designed to protect soil structure

Telematics & Equipment Oversight: Digital monitoring enables remote supervision of farm machinery and operational activities.

- **Donkerhoek Data:** Comprehensive farm management software covering fuel, labour, and resource tracking
- **Sensoru:** Unified dashboards for tank level and weather sensor data
- **Pellenc South Africa:** Fleet telematics and electric carriers for viticulture
- **Match MX:** AI-driven grain pricing and routing optimization platform



Knowledge grows

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- Verryk met die belangrikste spoorminerale in die regte verhouding tot fosfaat.
- Aangename melasse reuk en smaak om inname te bevorder.
- Bevorder produksie en vrugbaarheid.
- Verbeter groei en skeletontwikkeling.
- Veelsydige aanwending gedurende die reënseisoen of reg deur die jaar in fosfor-arm streke.
- Geskik vir beeste, skape en bokke.

Gebalanseerde dierevoeding.

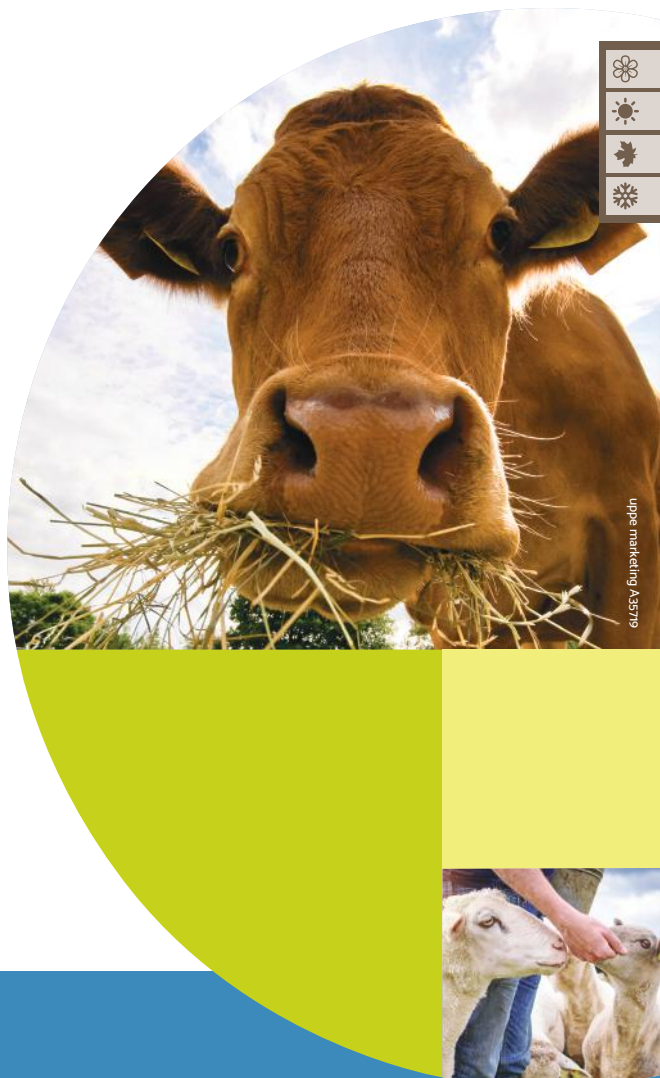
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(Alle produkte is geregistreer onder Wet 36 van 1947.)



Automation & Seed Grading: Low-energy, efficient systems support streamlined input preparation.

- **Agrotech SA:** Gravity-based seed separator for shape-specific grading

Biotechnology: Advanced seed treatments bolster germination rates and disease resistance.

- **Syngenta:** Demonstrations of CELEST® Top for enhanced root health and Fusarium control

IoT Mobility & Diagnostics: Smart sensors deliver actionable insights for improved agricultural decisions.

- **Bosch SA:** Internet of Things solutions and diagnostics for agri-transport and aftermarket support

These are but a few of the exhibitors who will be featured at the expo, with many more innovative participants to discover.

Supporting Agriculture through Knowledge Sharing

By promoting their interests and offering a range of services, organized agriculture in South Africa is essential in representing and assisting farmers. Members of the Red Meat Producers' Organization, the Milk Producers Organization, Grain SA, and Vinpro can attend strategy sessions in the **Santam Auditorium** to explore innovative strategies and solutions for their respective sectors. SA Studbook will lead discussions on livestock breeding excellence in Dairy, Beef and Small stock. There are several exciting additions and enhancements awaiting visitors at Bredasdorp Park.



NAMPO
KAAP | CAPE

GEORGANISEERDE LANDBOU
ORGANISED AGRICULTURE



Gesels saam

Santam Ouditorium

Grondvloer

Eerste vloer

Let's talk

Santam Auditorium

Ground floor

First Floor

Woensdag

10 Sep

Wednesday

RPO Kongres

08:30 – 12:00

RPO Congress

MPO Wes-Kaap AJV

08:30 – 12:00

MPO Western Cape AGM

SA Stamboek Suiwelbees gesprek

14:30 – 16:30

SA Studbook Dairy Cattle talk

Donderdag

11 Sep

Thursday

Vinpro Gesprek

08:30 – 12:00

Vinpro Talk

SA Stamboek Vleisbees gesprek

08:30 – 12:00

SA Studbook Beef Cattle Talk

BKB GrainCo paneel-bespreking

14:30 - 16:30

BKB GrainCo panel discussion

Vrydag

12 Sep

Friday

Graan SA paneel-bespreking: Die toekoms van die gars mark

08:30 – 12:00

Grain SA panel discussion: The future of the barley market

Volhoubare Groenteboerdery Seminaar

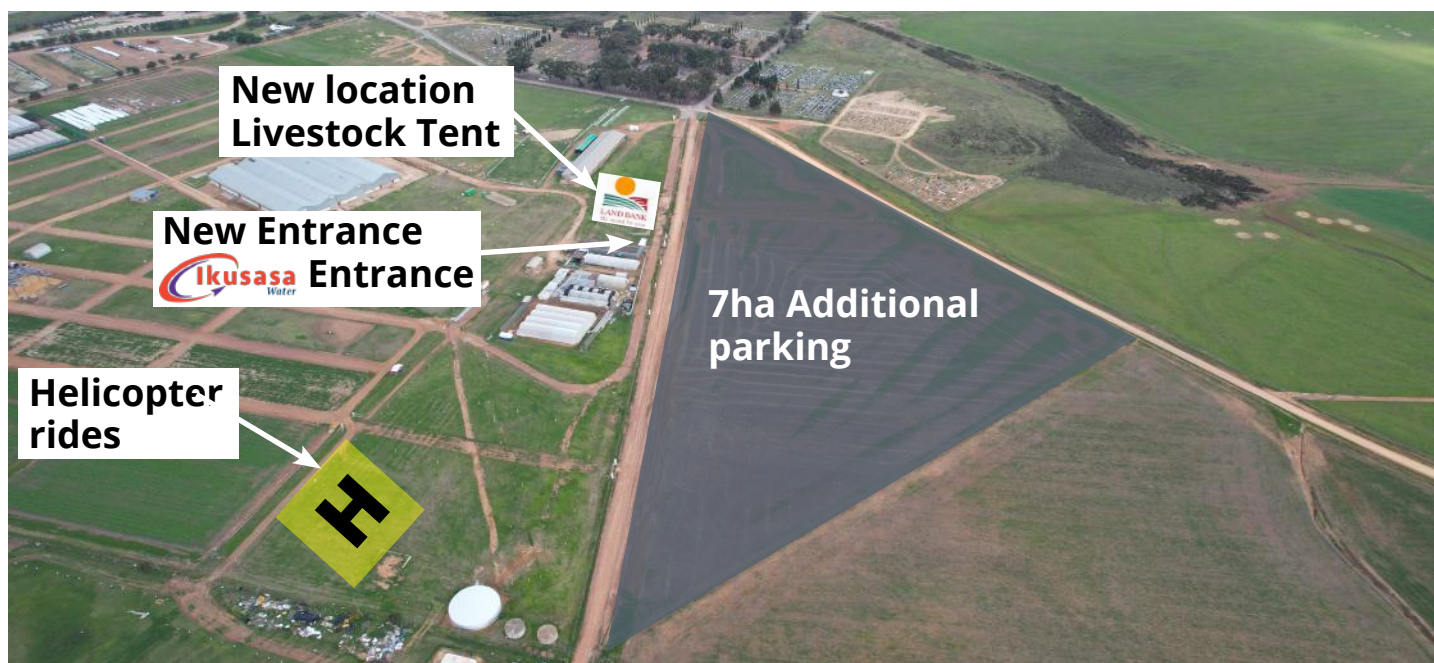
08:30 – 12:00

Sustainable Vegetable Farming Seminar

SA Stamboek Kleinvee gesprek

14:30 – 16:30

SA Studbook Smallstock talk



Expanded Access and Parking

To accommodate growing attendance, Bredasdorp Park now offers 13 hectares of parking, thanks to a 7ha expansion on the park's northwestern side. The new **Ikusasa entrance** (Entrance 4) near the Neptun Hall improves accessibility and flow.

World-class equestrian excitement

The Western Cape Lubricants Arena has been upgraded to host **tent pegging**—a high-speed equestrian sport featuring sword and lance skills. This thrilling addition includes an international competition between teams from South Africa and Australia on 10 - 12 September.

Prepare to be captivated as **Mounted Games** brings dynamic flair with a talented group of riders will demonstrate this high-octane equestrian sport that demands split-second

agility and absolute coordination between horse and rider.

A must-see for history buffs, archery lovers, and anyone captivated by the graceful intensity of equestrian sport is **Griffin's Horse Archery**.

The Western Cape Lubricants Arena also offers charming and educational experiences throughout the event:

- **Ikahan Quistador Friesian Horses** – Regal performances from one of South Africa's premier Friesian studs
- **Bredasdorp Black Horses** – Local excellence on show
- **Donkiedam Miniature Donkeys** – Delightful miniatures for all ages
- **Pony Rides for Children** – Gentle fun for young visitors



Voermol Floral fantasy

Each year, visitors to NAMPO Cape stad in awe of the Voermol floral displays in the Voermol Hall. Floral artist **Marjolijn Malan** selects a theme that connects floral art and agriculture; this year's focus is **Nature Elements in the Overberg**. Members of the **Western Cape Flower Arrangers Association** will interpret wind, water, fire, and earth in their designs, with visitors voting for their favourite.

The event features a species exhibition by **Sandberg fynbos Reserve**, "plants with a story" displays, sculptural works by ecologist **Nelis Singels**, and a **Capensis Cosmetics** offering local perfumes and biodegradable candles. Fresh and dried flowers are available for purchase.



NAMPO 2025
CAPE | CAPE
SANTAM Vroueoggend
10 - 12 SEPT 2025

Day	Time	Speaker	Topic
10 SEPT 2025	09:00	Francois Boyce	Hoezit Samelewing
	09:45	Sylvia Nel	My Storie uit die Boesmanland
	10:30	Marinda Engelbrecht	Huiskos uit die Boesmanland
	11:30	Bok van Blerk	
11 SEPT 2025	09:15	Francois Boyce	Stap in Styl
	10:15	PC Engelbrecht	Vrouens is Magic
	11:00	Hannes van Wyk	Op die Bank met Lana Krige
	11:45	Marinda Engelbrecht	Kos vir die Siel
	12:30	Jo Black	
12 SEPT 2025	09:00	Hannes van Wyk	MC & Sielskos vir 'n Vrou
	10:45	Marinda Engelbrecht	EK is Skou Gehalte
	10:45	Zerocrete	Uur met Johan & Elana: Kom giet jou hart in sement
	11:45	Andriette Norman	Akoestiese Optrede

AFGRI **Santam** **PROMOTIONS** **RESTAURANT & HOTEL**



KAMERS | [K]apsule Pop-Up bring uitgesoekte plaaslike ontwerpe na NAMPO Kaap 2025



KAMERS/Makers - Suid-Afrika se geliefde platform vir handgemaakte plaaslike ontwerp – bring vanjaar hul gewilde boetiekstyl pop-up winkel, [K]apsule, na NAMPO Kaap in Bredasdorp van 13 tot 16 September.

KAMERS se [K]apsule bied 'n keurig saamgestelde versameling van meer as 20 uitsonderlike Makers. Dit is 'n unieke kans om die gehalte en kreatiwiteit van Suid-Afrikaanse ontwerp in 'n gemaklike, stylvolle winkelruimte te ervaar.

Die KAMERS [K]apsule bied onder meer mode-bykomstighede, deli-produkte, geskenke, natuurlike versorg en huisware – alles met die kenmerkende KAMERS-fokus op kwaliteit, oorsprong en estetiese styl.

Vind die KAMERS | [K]apsule reg langs RSG. Kom ontdek iets besonder.

www.kamers.co.za



Ingenuity and resourcefulness with NAMPO Cape's Farmer's Inventions competition

Grain SA invites all inventors, farmers, students and technology enthusiasts to participate in the popular Farmer's Plans competition that will be held during NAMPO Cape. This competition celebrates practical solutions and smart ideas that tackle challenges on the farm and in the home — from new machinery to self-made tools and digital applications.

The competition consists of eight sections, including:

- **New:** Original Agricultural Equipment and Digital Technology
- **Modified:** custom implements and software
- **Tools:** electric and non-electric
- **Home and Garden:** Smart Solutions for Domestic Use
- **Open Section:** Cost-Effective Ideas Under R5 000
- **Schools section:** learners and students
- **Commercial section:** plans already marketed
- **Video section:** for ideas that cannot be physically exhibited

Entrants must submit their plans on or before Monday, 1 September, 2025, except for commercial and video entries which must be submitted by 20 August. All entries must be on the [official form](#) and be on the Farmers' innovations stand by Tuesday 9, September at 14:00.

Enquiries may be directed to Wim Venter at wim@grainsa.co.za or 086 004 7246.

Working Dogs in the Spotlight

From the intelligence of **sheepdogs** to the precision of the **SA Air Force's canine unit** — visitors can look forward to a series of demonstrations showcasing the unique role dogs play in agriculture and security.

Visitors can enjoy the **Boerboel championship** title in the Arena on Saturday. A Boerboel show is not merely a competition — it is a celebration of this unique South African breed.

Relocated and Expanded Livestock Tent

Situated next to the BKB Livestock Centre, the expanded Landbank Livestock Tent will feature newcomers like Suffolk, and Persian sheep, as well as Limousin and Chianina cattle, Damara four-horned sheep, Cameroon Dwarf Goats and SA Boerboel Breeders Society.



Merino Classic Returns, Fleece Show Debuts

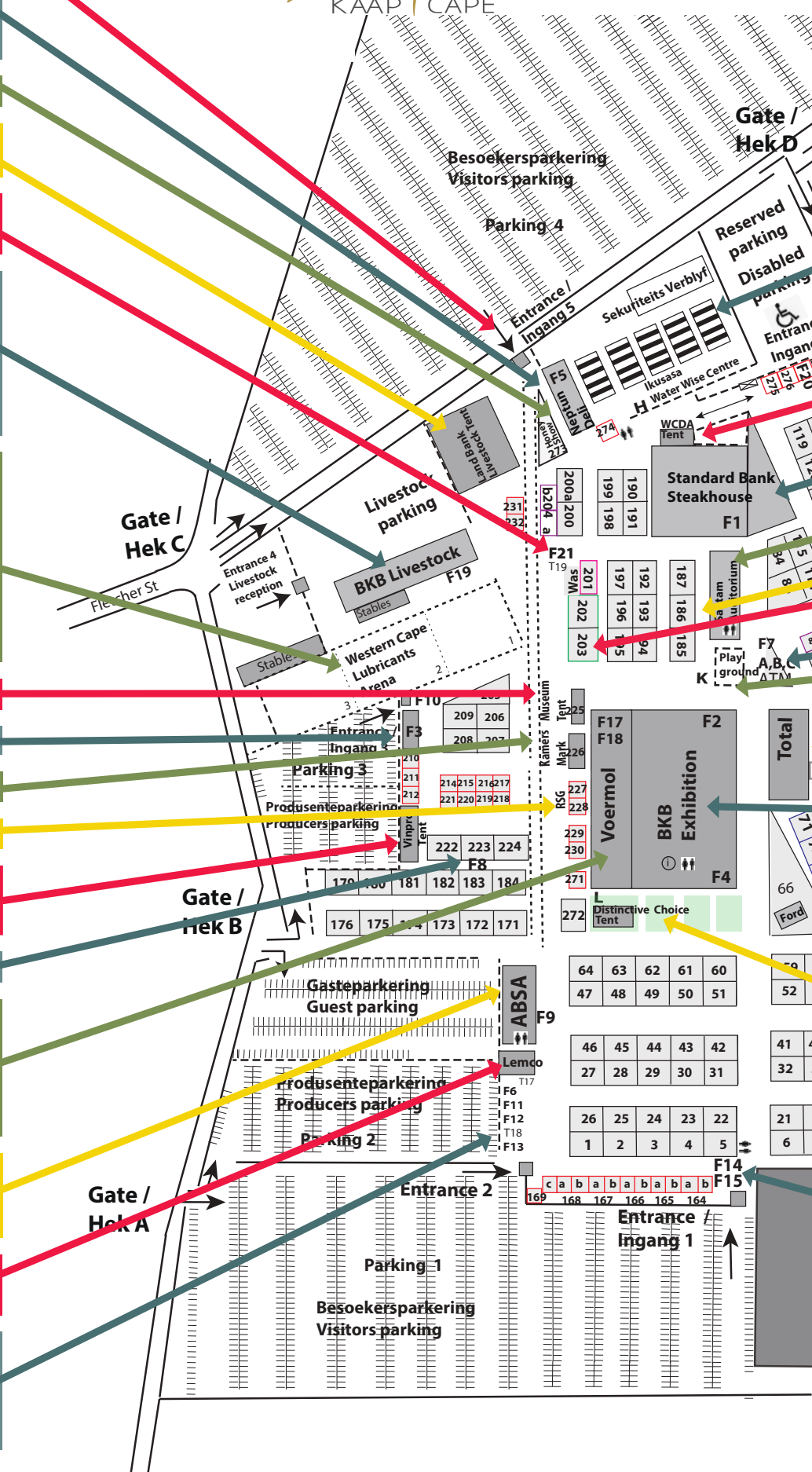
Merino SA brings the prestigious BKB Merino Classic back to NAMPO Cape on 11 and 12 September. More than 300 entries from both stud and commercial farmers will take part. The BKB National Merino Fleece Show is a new addition to the NAMPO Cape Programme with remarkable Merino wool on display.

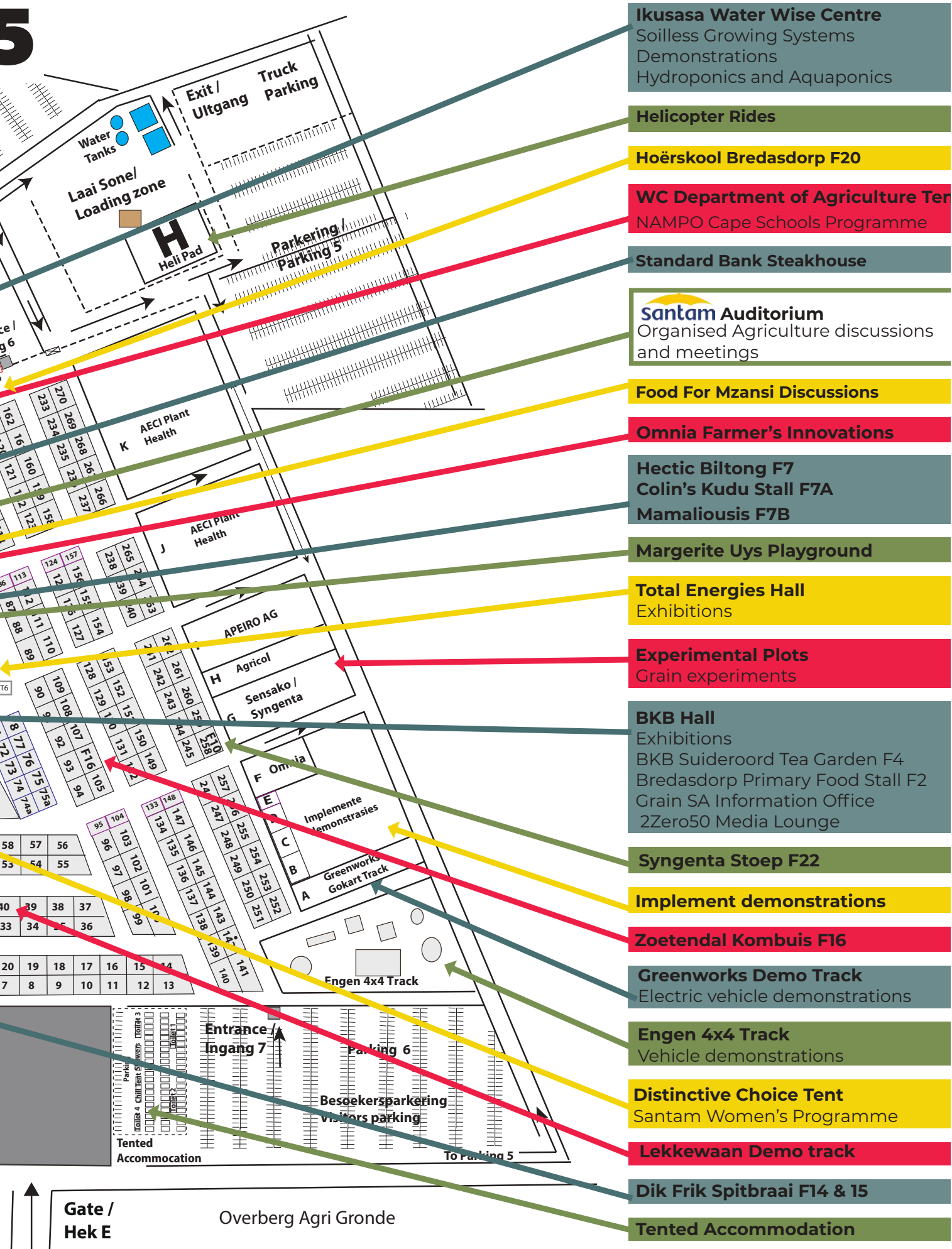


NAMPO 2025

KAAP | CAPE

Ikusasa New Entrance 5
Leptun Hall Leptun Deli Lapier Garden Cafe F5
Honey Show
Land Bank Livestock Tent Breed exhibitions
Darling Romery F21 Radio Overberg T19
BKB Livestock Centre BKB Merino Classic BKB National Fleece Show Young Auctioneers Competition Overberg Regional Youth Show OS de Wet School F19
Western Cape Lubricants Arena Unleashing: SA vs Australia Mounted Games Sheepdog demonstrations Mounted Archery Horse shows Pony rides Boerboel Dog show
Western Cape Museums Tent
New York Pizza F3
Camers Market
MSG
INPRO Producers Reception and Parking
Wyoming Spur Take Aways
Voermol Exhibition Hall Exhibitions Flora exhibition Coffee Cafe F17 Antam Boerekos Gunsteling F18
ABSA Building Grain SA, MPO, RPO Reception Hollard Bistro
Lemco Building Emergency Services
Wiltong & Brew F11 Ship n Dip F12 Caledon FM T18 Luidpunt ACVV Dienssentrum F13





Free water analysis/tests

The **Ikusasa mobile lab** and mobile water treatment plants on site, will do water sample analysis/test, of any raw or final treated water, according to SANS 241 parameters, for drinking water purposes.

- PH
- Colour
- Ntu
- Electrical current (Salts)
- Iron
- Manganese
- Alum
- Chlorine

This water test result will be a good indicator of how the water sample looks chemically.

Self-driving vehicle demonstrations

A self-driving Ford Ranger Pro Trailer back-up assist will be demonstrated on the Demonstration Area next to the **Greenworks GoKart track**. This is an amazing feature for people who have difficulty reversing with a caravan or trailer because the vehicle automatically reverses and park it.

Overberg Youth Show is one of eight regional competitions in the Western Cape in which learners participate to qualify for the Western Cape Youth Show Championships which will take place in 2026.

Boys and girls up to the age of 19 can participate in three age categories:

- Junior-juniors (ages 7-11),
- Juniors (ages 12-15) and
- Seniors (ages 16-19).

The classes which can be entered are:

- dairy and beef cattle;
- wool and mutton sheep;
- Angora, mutton and dairy goats;
- poultry;
- horses;
- racing and fancy pigeons;
- rabbits;
- young auctioneers;
- culinary art and dairy products;
- photography.

For more information contact Madeline Kriel
madelinekriel894@gmail.com
071 280 0239.

View from Above: Helicopter Rides

Overberg Aviation offers an aerial experience this year, with 3- to 30-minute helicopter rides, providing breathtaking views of the expo and surrounding countryside.

Neptun Deli: Foodies' paradise

The former Neptun Hall transforms into a culinary hub—Neptun Deli—featuring wine, dried fruit, olives, and artisanal products for every palate.

Tented Accommodation On-Site

To enhance convenience and atmosphere, luxury and standard tented accommodation for up to 150 people will now be available on-site. Facilities include dedicated ablutions, a chill tent, exclusive parking, and 24/7 security.



See you there!

For more information about NAMPO Cape 2025, visit www.nampocape.co.za,

Tickets available online at
www.ticketpros.co.za,

- R100 per adult (online)
- R110 per adult (at the gate)
- R50 per child
- Free entry for preschool children

Expo hours:

- 10 - 12 September: 8am to 5pm
- 13 September: 8am to 2pm

Accommodation Information:

- Cape Agulhas Tourism Office: 028 424 2584 / 082 896 2225
www.overberg-info.co.za
- Tented accommodation at Bredasdorp Park: admin@antoinetteevents.co.za

Livestock are threatened by predators – but old-fashioned shepherding may be an effective solution

Heidi Hawkins:

Research fellow, honorary research associate, University of Cape Town

Carnivores like leopards, lions and hyenas have been killing livestock for centuries, causing financial losses to farmers. In many parts of the world, farmers respond by killing these predators. This has greatly reduced the populations of some top predators like leopards and lions.

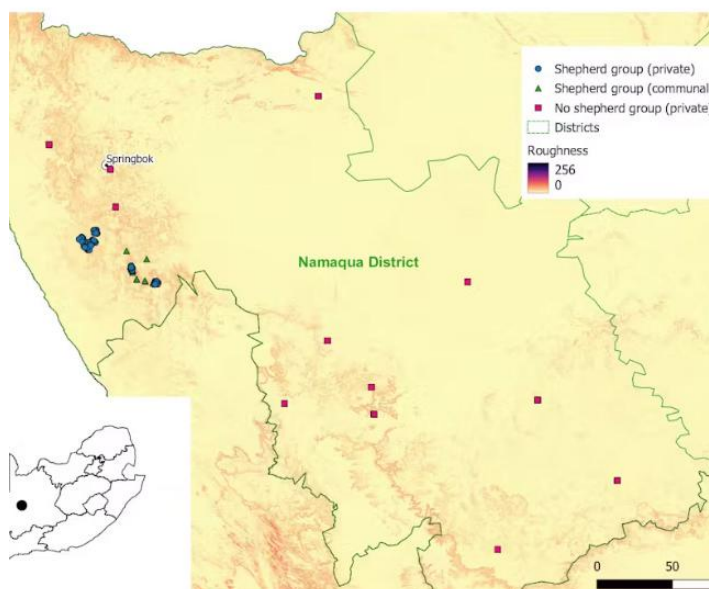
Killing predators may decrease their numbers in the short term. But there is no evidence that it is an effective way to protect livestock in the long term. For example, in South Africa, populations of the medium-sized predators like caracals and jackals that also predate on livestock increased or migrated into the area in response to lethal control efforts.

For this reason, farmers in South Africa are looking at non-lethal methods of protecting livestock. One sustainable, wildlife-friendly method is the age-old practice of herding or shepherding.

Very little data exists on how shepherding compares with lethal methods globally or in South Africa. We conducted a study in South Africa to fill this information gap. We found that shepherding was highly effective. Using shepherds, livestock losses were five times lower than losses under lethal methods.

Our results suggest that shepherds not only reduce predation; they may also be able to give a clearer picture of what causes livestock deaths. For





A map of the study area.

instance, shepherds can see when livestock deaths are caused by illness rather than predation. This is supported by other research that shows predators may be blamed for livestock deaths that were actually due to exposure, illness or some other cause.

The presence of shepherds could allow for more prompt responses to ill, injured, or lost animals. A person who is with livestock all day can also identify where fences and water points are damaged, assess what grazing conditions are like and make decisions about herd movement.

Shepherding involves herding and protecting small livestock while moving between grazing areas and water points. Shepherds are also often responsible for corralling animals in a pen at night.

This is not a new strategy. Shepherding has been practised since early pastoralism began about 9,000 years before present (or BP, referring to the 1950s, the date up until carbon dating can be practically used).

But its efficacy is understudied globally. That means there's little empirical evidence to show whether it's the best approach to keeping livestock safe, where it might be used along with other methods, or where it might not work at all. Existing data often relies on interviews, with their inherent biases, rather than on observations in the field.

Our study sought to fill this gap. We are researchers in the fields of botany, zoology, agricultural economics, and conservation. We set out to quantify livestock losses ascribed to predators in South Africa's Northern Cape province. The province's dry climate means that the main agricultural activity is livestock farming.



Black backed jackal. By Charles J. Sharp - Own work, from Sharp Photography, sharpphotography.co.uk, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?curid=68308477>

The Northern Cape has the highest recorded national livestock losses to predation – an average of 13% of the herd.

Our study

We hypothesised that shepherding would be more effective in reducing predation on small livestock (mostly sheep but also goats) relative to other methods. We had access to two databases: one relying on interviews with farmers who had used mostly lethal methods, and one using field observations by shepherds and mobile technology. We consolidated these two databases into one publicly available online database.

Unfortunately, data on predator or prey populations (which can influence predation) were not available for our sites in the Northern Cape.

We confirmed, however, that the livestock types, dominant predators, and environmental conditions were similar across the two databases. Using statistical analyses, we tested how predator management (shepherd, no shepherd), land tenure (private, communal), flock characteristics (herd size, livestock type), and environmental factors like terrain and plant productivity drove losses of small livestock across the area.

As we expected, black-backed jackals and caracals were the dominant livestock predators in both management groups (shepherd, no shepherd). Also as predicted, the loss to predation was lower (five times) in shepherded herds than in the no-shepherd group. For lambs only, this was even more obvious with a seven-fold reduction in predation.

Using herders' direct observations rather than gathering information from questionnaires also allowed us to quantify livestock loss due to causes

other than predation. In our study area, we found that livestock illness caused as many deaths as predation. This was in line with global assessments by the Food and Agriculture Organization that showed losses from disease (30% of a herd) and exposure (anywhere from 9% to 52%) were the main causes of livestock mortality and were several times higher than the global average for predation (5%).

This contrast merits further investigation locally and regionally in Africa so that farmers know where to place their management efforts in the future.

All farmers, whether they were managing land privately or communally, experienced similar predation issues and drivers of predation in our study. This means that herding could be scaled to work even for privately owned (and large commercial) farms to protect livestock.

Several farmers in the study were keen to use or continue using herders. Others felt there were barriers to their use, such as financial costs and social issues.

The data proved useful to the herders, too. One, Brenda Snyman, said: Now we have the numbers. We really value the skills we've gained in herding and data collection during the study.

Historically, herding has been an unappreciated and poorly paid profession. But with specialised programmes to train herders in animal husbandry and farm management now gaining ground, the skills and profession of herding may soon receive more recognition, while generating rural employment.

The solution

We must interpret our findings with caution because we were unable to account for predator and prey abundances. It is also possible that the non-herder group inflated their predation estimates during interviews. But, given the scarcity of existing information, these are exciting results that can be applied and form a basis for further research. They could also prove useful for decision-making by land users, and in policy change.

Graham Kerley, Liaan Minnie, Dave Balfour, HO de Waal and Walter van Niekerk collaborated in this research. The authors thank Emma Cummings-Krueger (Conservation International) for her help on the text.

Acknowledgement

[Livestock are threatened by predators – but old-fashioned herding may be an effective solution](#) THE CONVERSATION Published in April 12, 2023. Republished under Creative Commons License

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Sparking Curiosity:

ARC Celebrates Science Week Across Campuses

Anelisa Gusha

The Agricultural Research Council (ARC) came alive with vibrant activity this August as it joined the country in celebrating **National Science Week (NSW)**, an annual initiative driven by the Department of Science and Innovation (DSI) and implemented by the South African Agency for Science and Technology Advancement (SAASTA).

With the theme *“Science, technology and innovation are for everyone,”* the ARC's campuses opened their doors to young, curious minds—bringing science to life in ways that were educational, inspiring and deeply personal.

At the ARC-Small Grain campus in Bethlehem, learners from Tiisetsang High School and

Thabo-Thokoza Senior Secondary experienced a day filled with discovery. The campus showcased its work on small grain research, with scientists and technicians walking the learners through the scientific processes and tools used in agricultural research and innovation.

“The country needs you.” These were the heartfelt words of Senior Research Manager, Professor Toi Tsilo, as he welcomed the learners. “Nothing is impossible, for as long as there is vision in your heart and love in your soul,” he said, encouraging them to imagine a future shaped by science.

Prof Tsilo added that the aim of the event was to inspire learners to see beyond the classroom and into the world of science and



innovation. "We want to inspire you and show you that what you're learning at school doesn't end in the classroom, and life doesn't end there either," he said.

"Our vision at the ARC is to create an enabling environment that is inclusive, resourceful, and geared towards driving change. Tomorrow, these young people will become a beacon of hope in the agricultural and scientific sectors."

The day was made possible by the support and participation of dedicated researchers and technicians, including Dr Thobeka Khumalo-Mthembu, Dr Eben von Well, Lintjie Visser, Palesa Mmereki and Bomikazi Gqola.

In Mpumalanga, the ARC welcomed enthusiastic Grade 7 learners from Ngema Primary School at the Mondi Science and Skills Centre.

Among the young visitors were Emihle Nkambule and Melokuhle Mthethwa, who spoke of their dreams of becoming doctors and their passion for agriculture, shaped by their families' home gardens and orchards.

ARC researcher Thapelo Rametse spent time with the learners, introducing them to agricultural career paths, from animal science to hydroponics, and offering valuable guidance on which subjects to prioritise such as maths, life sciences, and agricultural studies. Meanwhile, in the Western Cape, the ARC-Infruitec/Nietvoorbij campus in Stellenbosch hosted its own two-day Science Day under the leadership of Professor Bongani Ndimba, Senior Research Manager. The campus, known for its groundbreaking research in deciduous, fruits, vines and wine production, welcomed 120 learners from Lückhoff High School and Kayamandi High School.

"Our aim is to demystify science and make it relatable. We want to cultivate a generation that sees science not as something far removed from them, but as something they can own, explore, and drive. Science is not just for labs – it's a tool for community upliftment, food security, and innovation," said Prof Ndimba.



Learners toured the facility, experiencing how what they learn in classrooms connects to real-world innovations.

Dr. Beatrix Coetzee, who guided the learners during the demonstrations, highlighted the importance of representation in science. "Our role as scientists is not only to do research but also to make the path visible for the next generation," said Dr. Coetzee.

Adding to the national footprint of activities, the ARC-Natural Resources and Engineering (ARC-NRE) campus based in Pretoria participated in a knowledge-sharing workshop at the Tembe Tribal Council Hall in Manguzi, KwaZulu-Natal.

There, researchers engaged with local communities, sharing insights on how science and innovation address everyday challenges.

These dynamic engagements form part of the ARC's efforts to plough back into communities and encourage young people to pursue careers in science-related fields like Agriculture.

National Science Week is more than a celebration but a catalyst for growing a generation of future ready scientists, engineers, and innovators.

Makataan Wins First Place at SA Preserve Championships

Compagniesdrift's Makataan Chunks were awarded the first South African Preserve Product of the Year on 19 August 2025 at Lanzerac, Stellenbosch. This product stood out among 456 entries from 66 manufacturers in the new SA Preserve Championships by Agri-Expo, with 70 products and 29 manufacturers recognized as champions.

Chief judge Susina Jooste praised the makataan chunks for their outstanding appearance, flavour, texture, and overall quality.

Compagniesdrift's Success

Managing Director Ilse Ruthford said the award honours both their team's work and her grandmother's legacy. Lena Conradie, who makes the makataan chunks, credits patience and care for their quality.

About the Competition

Agri-Expo's Breyton Milford emphasized the event's role in promoting the art of preserving and supporting the industry. Partnerships with ClemenGold and Hollard were key to its success.

Category Winners

- Chutney: Montagu Foods Shoprite Housebrand/Ritebrand Peach Fruit Chutney
- Fruit in syrup: Compagniesdrift Makataan Chunks (Product of the Year)
- Jam: Uit-Die-Bottel Quince Jam
- Jellies: Domein Doornkraal Plum Jelly
- Marmalade: Hemelhuijs Kumquat Conserve
- Pesto: Pesto Princess Sundried Tomato Pesto



- Pickled fruit: Kloovenburg Olives Black Olives in Blackberry Dressing
- Pickled vegetables: Jumping Jackal Delicacies Pickled Jalapeño Whole
- Relish: Miami Boerie Relish, Sweet Tomato
- Tapenade: Willow Creek Olive Tapenade with Black Olives, Anchovies & Capers
- Vegetables in sauce: Creative Cuisine Pantry Curried Baby Onions

For full results, visit www.sapreservechamps.co.za.

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Chicken Soup with Herb Dumplings

Ina Paarman

A great way to extend one packet of soup into a one pot meal.

Serves: 4

You Will Need:

Chicken Soup

- 1 x 500 g Ina Paarman's Country Chicken Soup
- 2 cups (500 ml) water
- 2 t (10 ml) Ina Paarman's Chicken Stock Powder

Herb Dumplings

- ½ cup (125 ml) cake flour
- 1 t (5 ml) baking powder
- 1 t (5 ml) Ina Paarman's Chicken Stock Powder
- 1 T (15 ml) butter, cold
- ½ cup (125 ml) buttermilk or Amazi or plain yoghurt
- 2 T (30 ml) garlic or regular chives, chopped
- extra chopped chives for garnish



Method:

Gently heat the Chicken Soup in a medium-sized saucepan with the water and Chicken Stock Powder.

Herb Dumplings:

Sift together the flour, baking powder, and Chicken Stock Powder.

Rub the butter into the flour, then add the buttermilk and chives, and stir to form a thick dough. Do not overwork the mixture.

Gently drop heaped tablespoonfuls of dough / batter into the simmering soup.

Immediately close the saucepan with a lid and gently simmer for 10 minutes.

Serve hot, garnished with chopped chives.



Sift dry ingredients



Rub in butter



Mix to form dough / batter



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Potato, Cauliflower & Bean Curry

Ina Paarman

A mildly spiced vegetable curry in an aromatic sauce.

Serves: 8

You Will Need:

3 medium potatoes, peeled and cubed 1 cm x 1cm

1 ½ T (22,5 ml) Ina Paarman's Masala Spice

4 T (60 ml) canola oil

1 cup (250 ml) green beans, sliced

½ cup (125 ml) fresh cream or coconut milk

½ cup (125 ml) water

1 x 250 ml Ina Paarman's Cape Malay Curry Cook-In Sauce

2 cups (500 ml) cauliflower florets



Method:

Season the cubed potatoes with the Masala Spice.

In a saucepan, heat the oil to smoking point, add the potatoes, and fry until light brown and semi-cooked.

Add the green beans and fry for another two minutes.

Add the cream or coconut milk, water, and Cape Malay Curry Sauce.

Bring to a simmer.

Add the cauliflower florets and stir through.

Cover with a lid and simmer until the cauliflower is tender.

Serve with roti and Cucumber Raita.



You will need



Stir-fry potatoes



Add beans and curry sauce

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