

ALGEMENE SEISOENOORSIG 2024

Bladsy

03

Deur: Stefan Jordaan,
Raisins SA

INTERNATIONAL MARKET HIGHLIGHTS

Bladsy

30

By: Ferdie Botha,
Raisins SA

RECAPITALISATION OF VINEYARDS

Bladsy

34

By: Ferdie Botha,
Raisins SA

IN DIE UITGAWE:



*Raisin grower attends
EXPO in Kinsha, Congo*

Bladsy

52



*Droogbaanoudits
2024*

Bladsy

64

CONTENT DISCLAIMER AND WAIVER

All information obtained from authors and/or various role players within the sector was done and compelled by the various entities as cited under each article. This is the opinion of the various authors, as indicated. Raisins SA cannot be held liable for any misleading and/or faulty data.

It is however the responsibility of Raisins SA to evaluate the quality and/or accuracy of all content published to ensure that all role players obtain the most accurate and latest studies and/or news within the sector, while taking account the author's right to freedom of speech. As Raisins SA is not the author of all the content, Raisins SA will not accept any liability with regards to published articles/statistics/data analysis and/or any other related data/factual article published.

Raisins SA would also like to emphasize that all information received and/or sent will be utilized for the intended purpose and protected in terms of the POPIA Act.

Inhoud

NAVORSING & ONTWIKKELING

3. Algemene seisoenoorsig 2024 >

5. Globale produksietoestande vir Rosyne >

12. 'n Mylpaal is bereik! >

13. GARIEP WATCH TERUGVOER >

16. ASPEKTE MET BETREKKING
TOT DROOGDRUIWE >

17. 10th International Table Grape
Symposium >

21. Kanoneiland velddag >

23. Oesskatting 2023/24 >

MARKTOEGANG, INTELLIGENSIE & ONTWIKKELING

25. International Sultana Conference:
Climate Change and Markets –
what does the future hold for us? >

30. International Market Highlights
(30 November 2023) >

34. Recapitalisation of vineyards in
the South African raisin industry:
Technology adoption for improved
production gains >

36. How does the 2024 South African
Raisin crop look? >

38. Raisin Awareness on Successful
Financial Farm Management >

40. Verpakkersbrandpunte >

42. Raisins SA bemarkingsforum
terugvoer >

44. ORANGE DESCENT >

TRANSFORMASIE

47. Raisins SA's Vineyard Establishment
Program >

49. Meet the Agribusiness Incubator
Program Growers >

51. Vine Academy and Model Farm hou
sy HEEL EERSTE opedag! >

52. Raisin grower attends EXPO in
Kinshasa, Congo >

55. Opening of the VAMF Cafeteria >

56. Report on the 6M Training >

57. Water is Life. Sanitation is Dignity. >

58. Harvesting Financial Wisdom >

INLIGTING & KOMMUNIKASIE

62. FNB LANDBOUPRAATJIE >

64. Droogbaanoudits 2024 >

66. Wenke vir hittegolf beheer >

67. External Representation In
Disciplinary Matters >

69. Camembert baked in puff pastry
with raisins and pistachios >

71. Borge betrokkenheid by Raisins
SA 2024 >

74. Kalender >

77. Kantoornuus >



VOORWOORD

So staan ons aan die einde van, wat op die minste, as 'n uitdagende produksiejaar (2023) beskou kan word. Dit is veral die Oranjerivier rosyne produsente wie drastiese produksieverliese gerealiseer het, alhoewel die Olifantsrivier ook verliese ervaar het.

Met die draai van die jaar, is daar egter nuwe hoop op 'n goeie seisoen wat voor ons lê. Die huidige produksie vooruitsig is belowend en daarby blyk markvooruitsigte om ook positief te wees vir ons produk. Ons is saam met ons lede opgewonde oor die oes wat voorlê. Ons vertrou dat ons 'n uitsonderlike produk aan die mark kan verskaf met ten minste 'n normale oesgrootte op hande.

Vir al ons DWPO-lede wie aktief deelneem, dankie vir jul toegewyde betrokkenheid en insette deur die verloop van die jaar.

Aan rolspelers en diensverkaffers van Raisins SA, dankie vir samewerking selfs in moeiliker tye.
Vir ons produsente-lede, dankie vir al die gesprekke deur die verloop van die jaar.

*Ons wens almal 'n geseënde Kerstyd en alle voorspoed vir die nuwe jaar wat voorlê.
Geniet die Feestyd saam met jul liefdes.*

Groete..
Ferdie



Navorsing & Ontwikkeling



Algemene seisoenoorsig 2024

Deur: Stefan Jordaan, Raisins SA

Die seisoen het weggetrek in die Oranjerivier met 'n paar dreigende laat ryp oggende wat 'n paar blokke beskadig het.

Somer is in volle swang en tans gaan daar sommer 'n paar dae op 'n slag verby met temperature bo 40°C. 'n Wingerdstok kan die ekstreme temperature hanteer, mits daar goeie wortelstelsels is wat voorsiening maak om die stok te buffer in die omstandighede en die vogstatus reg is. In dieselfde seisoen kry die Olifantsrivier laat reën en was ook getref deur twee opeenvolgende laat vloede wat afgekom het in die area.

Oranjerivier

Oor die algemeen lyk die blokke goed, meeste blokke het goeie vegetatiewe groei en herstel goed na die afgelope twee seisoene se ongunstige toestande.

Die omstandighede is te verwagte aangesien daar reeds in die na-oes stadium goeie toestande was vir opbou van reserwes en swam sieketedruk was laag. Daar is met die hittegolwe 'n paar blokke waar oormatige speen voorgekom het.

Daar word wel witroes opgetel in alle areas en dit is belangrik om goeie programme te bestuur in samewerking met gewasspesialiste. Met die toenemende druk op residu's kan daar nou maklike foute begaan word hetsoy dalk 'n te ligte sputprogram, of onaanvaarbare aktiewes gebruik.

Daar word toenemend die afgelope seisoeneveral rooispinnekop druk ervaar op verskeie blokke. Dit moet noukeurig gemonitor word.

Die vroeë kultivars het alreeds begin deurslaan wat dus aandui dat die seisoen steeds vroeg is maar beslis nie so vroeg soos 2022 nie.



Olifantsrivier

Met die later natter toestande is donsskimmel teenwoordig. Donsskimmel rig geweldig baie skade aan en beïnvloed nie net die seisoen nie, maar ook die komende seisoen. Moet nie spaar as dit kom by goeie bestuur van die swamsiekte nie en tree eerder te vroeg op as te laat.

Voor blom het die blokke oor die algemeen goed gelyk, maar daar is opgetel dat oormatige speen weens die omstandighede in van die areas voorgekom het. Hoe die toestande van hier af is sal groot bepalende faktore hê op die oes, aangesien Korente die meeste hierdeur beïnvloed word (wat 30% van die totale oes uitmaak).

Die area het reeds sy eerste vrugtevlieg areawaye lugspat ontvang in 'n gesamentlike inisiatief met die meeste wyndruwe wat die beheer areawyd maak en baie beter resultate tot gevolg sal hê. Wonderlike dryfkrag en deursetting van die area.

Dit is met hartseer dat ons Gert Engelbrecht van Vinpro in die area moet groet. Gert het 'n geweldige bydrae gelewer tot die area as geheel en sy benadering was net positief. Sterkte met die pad vorentoe Gert – ons weet jy gaan beslis dieselfde positiewe impak maak in die area waarheen jy nou verhuis.

Algemeen

Die seisoen onafhanklik die area lyk goed, van 'n produsent se kant om die beste te verseker is die belangrikste van nou tot oes:

- Bestuur effektiewe swambestuursprogram in samewerking met volhoubare residu bestuur
- Besproeiing is krities
- Hou dekgewasse kort/plat op die grond vir optimale lugvloei
- Wingerde moet oopgetop bly om goeie deurlig & lugting te behou
- Goeie kwaliteit rosyne is nou gekoppel aan goeie suiker opbou (brix). Verseker die optimale suiker vir oes word verkry vir die droogtipe wat gemaak word.

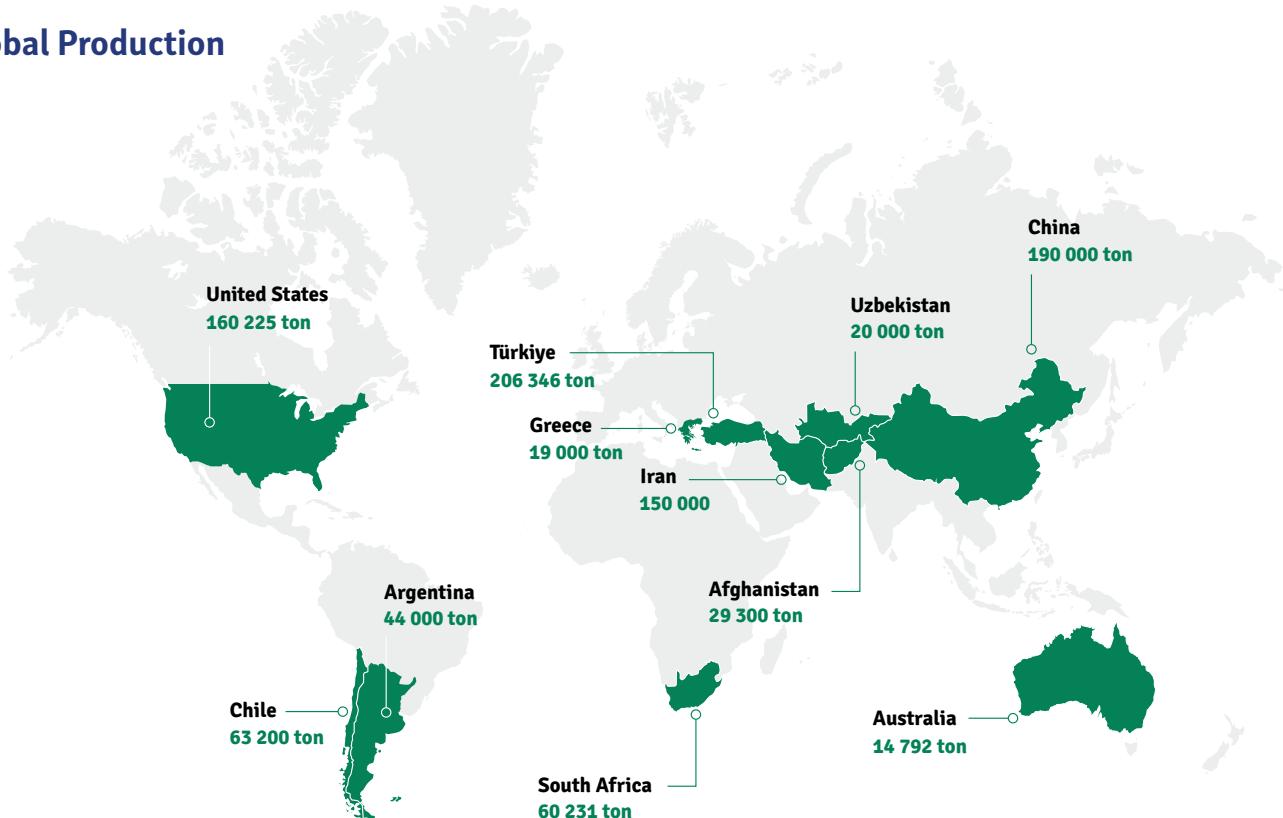


Globale produksietoestande vir Rosyne

Deur: Johan van den Berg

Die 11 belangrikste rosyntjie produserende lande is as volg:

Global Production



Die 2023/24 produksieseisoen is gekenmerk deur gunstige klimaatstoestande in die VSA en China, maar swakker toestande inveral Turkye.



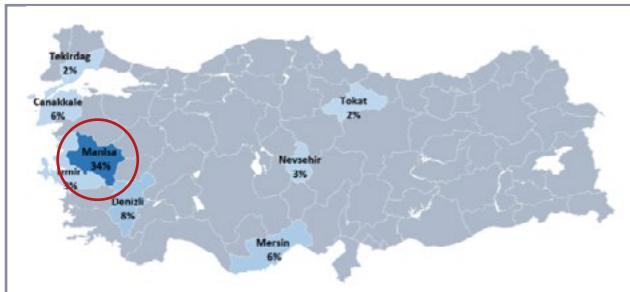
[Lees Meer Hieroor](#)



Turkye

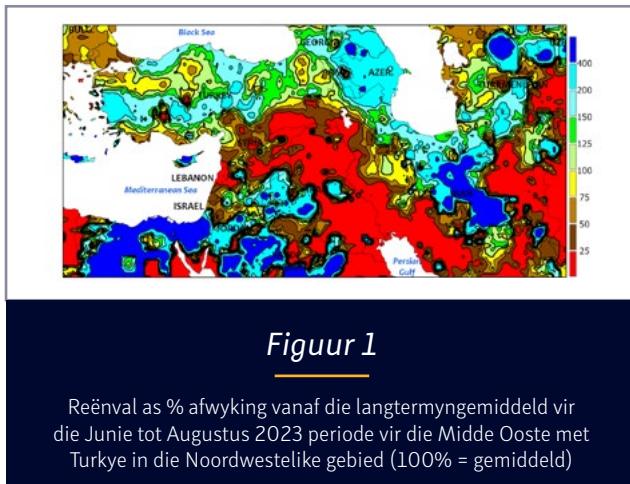
Afgelope seisoen

Ongeveer 50% van die rosyne/sultana/korrente in Turkye kom uit die Aegeangebied in die weste van Turkye (Figuur 1). Die 2023/24 produksieseisoen is gekenmerk deur ongunstige klimaatstoestande met vloede en oormaat reën inveral Junie tot Augustus 2023 (Figuur 2, blou) waar tot 400% van die normale reënval voorgekom het.



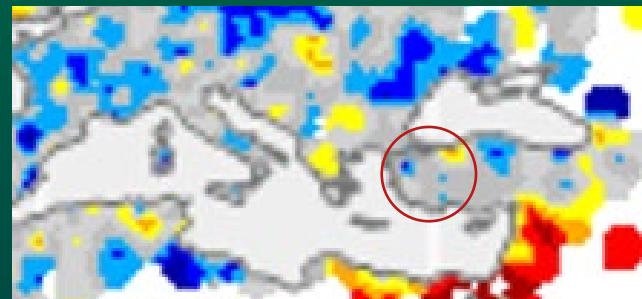
Figuur 1

Produksiegebiede van rosyne in Turkye



Vooruitsigte vir 2024/25

El Nino-neigende toestande gaan voortduur tot in 2024. Dit kan veroorsaak dat gemiddelde reënval (nie oormaat reën) kan voorkom en dus redelike goeie produksietoestande vir die somer vanaf Julie tot September 2024 (Figuur 3, grys en geel).



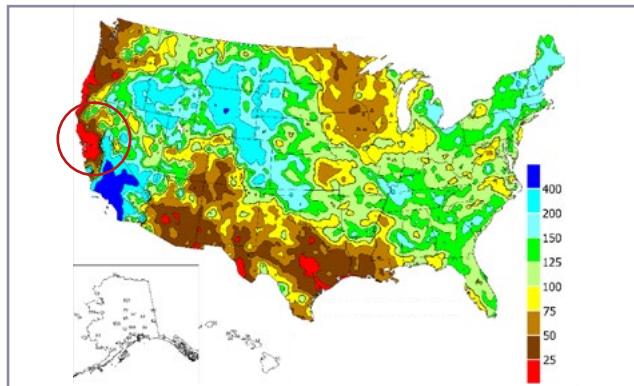
Figuur 3

Waarskynlikheid (%) om ten minste die mediaanreënval te kry vir die periode vanaf Julie tot September 2024 (geel = swak, grys = gemiddeld en blou = goed)

VSA

Afgelope seisoen

Gunstige produksietoestande het voorgekom, maar die produksie het met ongeveer 10% afgeneem in vergelyking met die 2022/23 seisoen. Die produksiegebiede het min reën gekry vanaf Junie tot Augustus, want dit was noord van die swaar reën wat voorgekom het (Figuur 4) as gevolg van 'n sikloon.

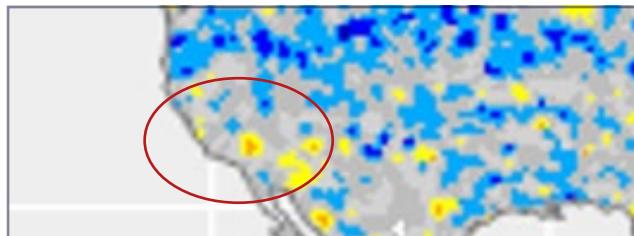


Figuur 4

Reënval as % afwyking vanaf die langtermyn gemiddeld vir die Junie tot Augustus 2023 periode vir die VSA met gemerkte deel teen die Weskus die produksiegebiede (100% is gemiddeld)

Verwagting vir 2024/25

Die produksieseisoen in die Noordelike Halfrond se kritieke stadiums is vanaf Julie tot September. Alhoewel dit lank voor die tyd is, lyk dit asof toestande neig na gemiddelde reënval en nie ekstreem na een of ander kant vir die Junie tot Augustus 2024 periode nie.



Figuur 5

Waarskynlikheid (%) om ten minste die mediaanreënval te kry vir die periode vanaf Julie tot September 2024 (geel = swak, grys gemiddeld en blou goed)

China

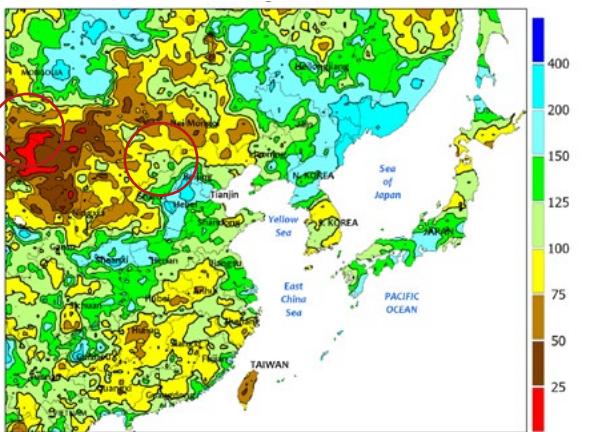
Die belangrikste druiewproduserende gebiede is geleë in die Xinjiang provinsie (sien Figuur 6, geel sirkel in die noordwes) noord van die Taklamakan woestyn in die baie droë noordwestelike gedeelte van China, asook in die noordooste in die Hebei provinsie (sien Figuur 6, geel sirkel aan die oostekant), net suid van Beijing. As gevolg van die baie droë klimaat word die meeste rosintjies waarskynlik in die Xiajiang Provinssie geproduseer.

Min reën en redelike goeie produksietoestande het in die afgelope seisoen geheers in die noordwestelike dele noord van die woestyn in Xinjian, maar meer reën het voorgekom in die produksiegebiede nader aan Beijing, meer ooswaarts (Figuur 7). Alhoewel daar swaar vloede was met tot 4 keer die normale reënval, was die reën nie in die produksiegebiede van rosyne nie.

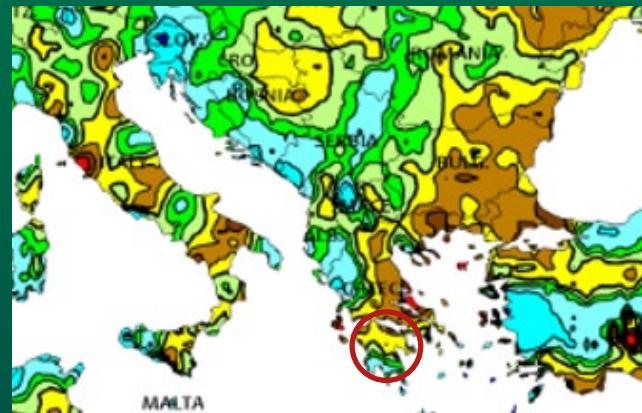


Figuur 6

Ligging van druiewproduksiegebiede in China

*Figuur 7*

Reënval as % afwyking vanaf die langtermyn gemiddeld vir die Junie tot Augustus 2023 met gemerkte dele die produksiegebiede (100% = gemiddeld)

*Figuur 8*

Reënval as afwyking vanaf die langtermyn gemiddeld vir die Junie tot Augustus 2023 periode vir die produksiegebiede van rosyne in Griekeland (rooi sirkel)

Droër toestande word verwag in die belangrike Julie tot September 2024 periode wat gunstiger toestande vir produksie behoort te lewer.

Iran

Iran is die derde grootste uitvoerder van rosyne in die wêreld en is bekend vir die goeie kwaliteit en verskeidenheid van rosyne. Rosyne word hoofsaaklik in die noordwestelike dele geproduseer waar die reënval baie laag is en temperature hoog (Figuur 9).

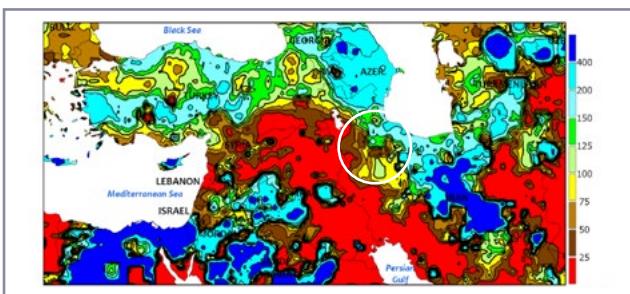
Vloede en swaar reën het in gedeeltes van Iran voorgekom in Junie tot Augustus 2023 wat moontlik kon impakteer op veral kwaliteit (Figuur 10).

Griekeland

Die produksie van rosyne in Griekeland het skerp afgeneem in die laaste dekade, met ongeveer 19 000 ton wat in 2023 produseer is. Rosyne word geproduseer in die suidelike dele van Griekeland en ondergemiddelde reënval vanaf Junie tot Augustus 2023 het vir redelike goeie produksie- en droogtoestande gesorg (Figuur 8, sirkel).

*Figuur 9*

Die produksiegebiede van rosyne in Iran

*Figuur 10*

Reënval as % afwyking vanaf die langtermyn gemiddeld vir die Junie tot Augustus 2023 periode met gemerkte deel waar druiweproduksie plaasvind (100% = gemiddeld)

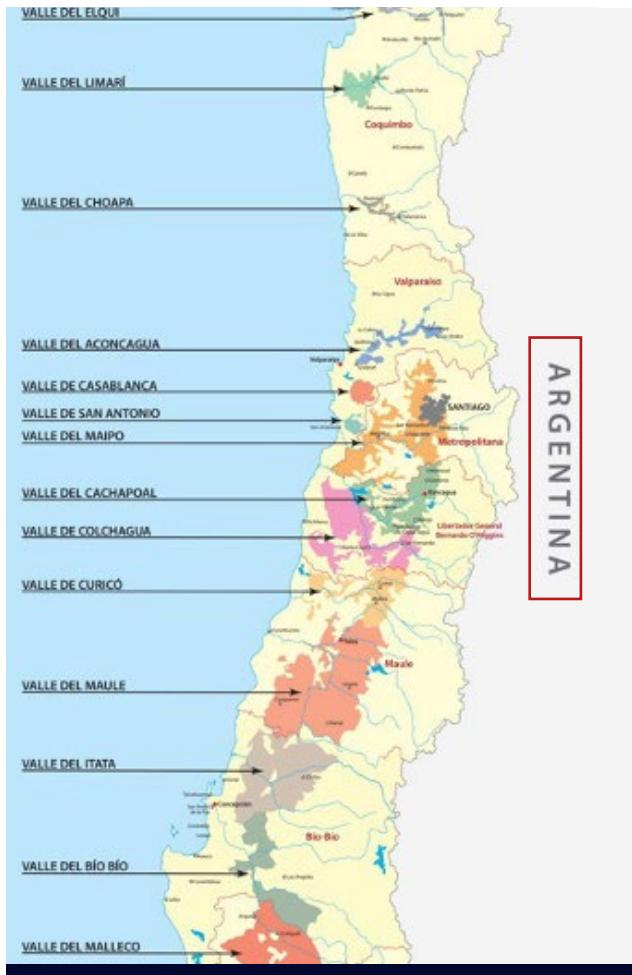
Baie droë en warm toestande word verwag vir die 2024/25 produksie seisoen wat gunstig kan wees vir produksie (Figuur 10).

Chile en Argentinië

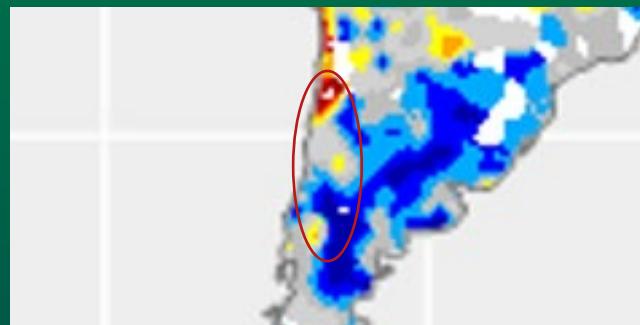
Chile is die grootste rosyne produsent in die Suidelike Halfrond. Die oestyd wissel vanaf Januarie in die noorde tot Maart in die suide.

Druiweproduksie en veral rosyne word geproduseer baie naby aan die kus omdat die Andesgebergtes baie min beskikbare landbougrond het. Dit is dus aangrensend aan die Atlantiese Oseaan met baie groot temperatuur variasies. Noord vind druiweproduksie plaas tot aan die suidelike grens van die Atacama woestyn en in die suide tot in die provinsie Araucania maar die meeste rosyne word in die warmer gebiede noordwaarts geproduseer (Figuur 11).

Ongeveer 95% van rosyne produksie in Argentinië vind plaas in die San Juan Provinse en die res in Mendoza en La Rioja wat geleë is in die reënskadu van die Andesgebergtes aangrensend aan Chile (Figuur 10, gemerkte blok).



Gemiddelde tot bogemiddelde reënval word verwag vir die komende maande tot Januarie 2024 wat produksietoestande negatief kan beïnvloed.



Figuur 12

Waarskynlikheid (%) om ten minste die mediaanreënval te kry vir die periode vanaf November tot Januarie 2024
(geel = swak, grys gemiddeld en blou goed)

Uzbekistan en Afghanistan

Alhoewel daar ongeveer 30,000 ton rosyne geproduseer word in Afghanistan, is die kwaliteit laag en baie rosyne voldoen nie aan gesondheidsmaatreëls vir uitvoer nie. Afghanistan is dus nie 'n belangrike rolspeler nie.

Kwaliteit van rosyne uit Uzbekistan is volgens literatuur heelwat beter. Een van die drogingsmetodes is droging onder dak deur trosse op te hang wat kwaliteit verhoog omdat dit sagter rosyne produseer. Produksie het egter afgeneem van tussen 70,000 en 80,000 ton tussen 2017 tot 2019 tot ongeveer 18,000 ton in 2023.

Baie min inligting is beskikbaar oor die produksietoestande in hierdie twee lande maar hulle bydrae tot globale uitvoere is min.

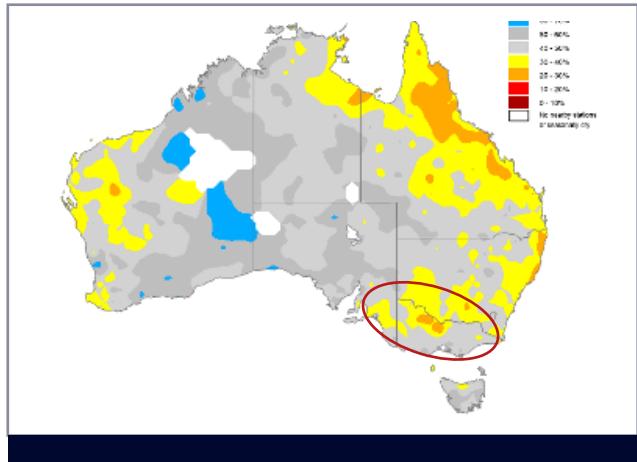


Australië

Met die huidige El Nino verskynsel kan dit minder reën veroorsaak wat gunstig is vir produksie. Gemiddelde tot ondergemiddelde reënval word verwag vir die belangrike periode vanaf 1 Desember tot 28 Februarie vir die gebiede in Suid-Australië en Victoria waar die meeste rosyne geproduseer word (Figuur 12, gemerkte gebied).

Opsomming

Met minder reën en droë toestande in veral Januarie en Februarie 2024, kan Suid-Afrika munt slaan uit swakker produksietoestande wat verwag word in die Suidelike Halfrond se produksiegebiede van Chile en Argentinië.



Figuur 13

Waarskynlikheid (%) om ten minste die mediaanreënval te kry vir die periode vanaf Desember tot Februarie 2024 (geel = swak, grys gemiddeld en blou goed)

Produksiegebied	Toestand 2023/24 (huidige oes in Noordelike Halfrond en nuwe oes in Suidelike Halfrond)	Verwagte toestande 2024/25 (Noordelike Halfrond volgende seisoen)	Opmerking
Turkye	Swakker oes (Sep 2023)	Redelik gunstig (Sep 2024)	Baie reën Jun-Aug 2023.
Verenigde State	Bogemiddelde oes en kwaliteit (Sep 2023)	Gemiddeld tot ondergemiddeld	El Nino kan reën gee in 2024
China	Goeie oes (Sep 2023)	Gunstig vir goeie oes	
Iran	Swakker oes (Sep 2023)	Gunstig vir goeie oes	Baie reën Jun-Aug 2023
Griekeland	Goeie oes (Sep 2023)	Gunstig vir goeie oes	Droog Sep 2024
Chile	Bogemiddelde reën vanaf Des tot Feb (Oes Feb 2024)		
Uzbekistan	Onbekend		
Afghanistan	Onbekend		
Australië	Gunstige toestande met ondergemiddelde reën (Oes Feb 2024)reën (Oes Feb 2024)		
Argentinië	Bogemiddelde reën vanaf Des tot Feb (Oes Feb 2024)		



'n Mylpaal is bereik!

Deur: Ghian du Toit, FruitFly Africa

FruitFly Africa kondig met trots ons 20ste bestaansjaar aan!

FruitFly Africa het begin as 'n nederige navorsingsprojek onder leiding van die **Landbounavorsingsraad (LNR)** in die laat negentiger jare, en is tegnies en finansieel ondersteun deur die **International Atomic Energy Agency (IAEA)** in Vienna, Oostenryk. Vandag sluit ons voetspoor die Wes-, Oos- en Noord-Kaap provinsies in en ons primêre dienste behels:

1. Pesmonitering (bv. Mediterreneense-, Kaapse- & Oosterse vrugtevlieë, Vals kodlingmot)
2. Groot skaalse produksie- en loslating van steriele manlike vrugtevlieë (Mediterreneense vrugtevlieg) deur van die Steriele Insek Tegniek (SIT) gebruik te maak;
3. Koördinering van area-wye lugspatte van 'n organiese insekdoder.

Die voortgesette ondersteuning van die volgende aandeelhouers en rolspelers is van onskatbare waarde vir FruitFly Africa en ons spreek graag 'n groot woord van waardering uit aan julle elkeen:



FruitFly Africa bly verbind daartoe om sy dienste op 'n deursigtige, billike en koste-effektiewe manier aan te bied tot voordeel van die breër vrugtebedryf.



Die hele FruitFly Africa-familie by 'n saamtrek in die Paarl!

Personellede met meer as 10 jaar diens is ook vereer, en daar was in totaal 6 personeellede met meer as 20 jaar diens.



GARIEP WATCH TERUGVOER

Deur: Fritz Bekker,
Clean Stream Environmental Services



Gariep Watch NPC

Gariep Watch is nou geregistreer as 'n nie-winsgewende maatskappy en sal voortaan self verantwoordelik wees vir die insameling van fondse om die werksaamhede voort te sit. Baie dankie aan Ferdie Botha en Raisins SA wat tot dusver en onder moeilike omstandighede die Gariep Watch inisiatief deur sy strukture befonds het.

2024 gaan 'n uitdagende jaar wees met verskeie navorsingsprojekte wat voltooi en apart gepubliseer gaan word. Hierdie navorsing fokus op verskeie watteregulatorisiko's asook die bestuur en mitigering daarvan. Hierdie rivierstelsel is geweldig kompleks en sonder behoorlike monitering en deeglike navorsing, sal ons nie die probleme kan identifiseer of bestuur nie.

Gariep Watch gaan vroeg in 2024 'n begroting opstel en skrywes rig aan moontlike befondsers. Ons is tans besig met verskeie aksies wat in 2024 voortgesit gaan word. Van die risiko's word hieronder aangespreek:

Toksiese blou-groen alge

Weerstoestande veroorsaak tans perfekte omstandighede vir die opbloei van blou-groen alge in die laer Vaalriviergebied. Hierdie alge is besig om rivier-af te versprei na die laer Oranjerivier.

Hierdie "alge" is eintlik fitoplankton of sianobakterieë wat uiters giftige toksienes kan vrystel. Faktore wat 'n rol speel in die opbloei van hierdie sianobakterieë is hoë nutrientkonsentrasie, watertemperatuur, ligintensiteit, hoë soutgehalte en lae vloeи.

Hoë soutkonsentrasies in die water veroorsaak selstres in sianobakterieë wat dan sianotoksiene vrystel.

Hierdie toksiese stowwe maak mens en dier siek en affekteer die lewer en senuweestelsel. Ander simptome van vergiftiging is hoofpyn, koers, naarheid en diarree. Akute verlamming en versmoring kan ook plaasvind, maar kroniese effekte sluit in kanker, motorneuronsiekte, (ALS), Parkinsons, Alzheimers en demensie.



Konvensionele watersuiwering kan sianoobakterieë uit die water verwys maar nie die sianotoksiene nie. Daar bestaan dus 'n groot risiko dat waterverbruikers onwetend blootgestel kan word aan hierdie toksiese stowwe.

Die hoofsoort van hierdie risiko is die loslating van ongesuiwerde riool deur plaaslike owerhede wat eutrofe toestande in die rivier veroorsaak. Gariep Watch het hierdie risiko al in 2019 geïdentifiseer deur 'n risiko-analise soos aangedui in die onderstaande tabel.

2019 RISK ASSESSMENT TABLE

HYPOTHESIS: EUTROPHICATION AND TOXIC ALgal BLOOMS MAY POSE A RISK TO HUMAN HEALTH AND AQUATIC ECOSYSTEMS

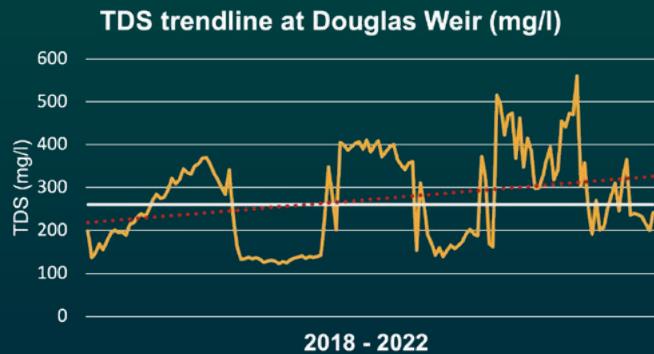
STRESSORS	Toxicity from cyanobacteria
SOURCES	Vaal River, WWTP's, diffuse sources of sewerage, fertilizer
RECEPTOR	Potable water users, riparian communities, direct contact, contaminated food.
PATHWAYS	Vaal River, Orange River, irrigation canals, municipal water supply, contaminated irrigation water, fresh produce
TIMEFRAME	Periods of low flow, periods of peak flow from the Vaal River, Phase 2 of Lesotho Highlands Water Scheme
ENDPOINT	Brain damage, neurological disorders, altered plant biochemistry, motor neuron degeneration, cognitive impairment, Parkinson's disease, Alzheimer's disease. Eutrophication and oxygen depletion

Versouting van die laer Vaal en Oranjerivier

'n Studie van die soutkonsentrasié by Douglas stuwal in die laer Vaalrivier wys dat die sout skerp toeneem oor tyd soos gesien kan word in die onderstaande figuur. Hierdie toename in sout kan veral verbind word met geneutraliseerde suurmynwater wat vanaf die Witwatersrand se sentrale en oostelike komme losgelaat word na die Vaalrivier.

Verder word daar ook baie soutbevattende ongesuiwerde rioolwater en industriële afval gestort in die Kliprivier en Suikerbosrantrivier wat die hoër Vaalrivier bereik vanaf die Suidelike munisipaliteite in Gauteng.

Die groen lyn toon die watergehalteriglyn vir wanneer sensitiewe gewasse besproei word.





Oorbemesting

'n Studie van die Gariep Watch watergehalte-databasis het aangedui dat die besproeiingswater vanuit die laer Vaal- en Oranjeriviere alreeds beduidende hoeveelhede plant-besikbare nutriënte bevat. 'n Berekening is gemaak van die hoeveelheid stikstof, fosfaat en kalium wat reeds in die rivier is en met die waterallokasies per hektaar. Hierdie syfers is vergelyk met die bemestingsbehoefte van verskeie gewasse.

Om oorbemesting te voorkom, sal produsente die hoeveelhede N-P-K wat alreeds in die water is moet aftrek van die hoeveelheid bemesting wat toegedien word. Hiervoor sal dit nodig wees om wateranalises te doen by die plaasgrens voordat besluit word op bemestingshoeveelhede. Groot besparings op bemestingstowwe mag realiseer.

GRAPEVINES: LOWER ORANGE RIVER

Indicated required fertilization percentage of plant nutrients already in the river water when irrigating vines with 15 000 m³/ha/season. The required fertilization rate is:

$$\mathbf{N = 60 \text{ kg/ha}, P = 20 \text{ kg/ha and K = 100 kg/ha.}}$$

MONITORING LOCALITY	PLANT NUTRIENT		
	Total Inorganic N (TIN) $\text{NO}_3 + \text{NH}_4 + \text{NO}_2$	Ortho-phosphate H_2PO_4	Potassium K
BOEGOEBERG	11.85 kg/ha/season 19.75% of requirement	8.8 kg/ha/season 44% of requirement	34.8 kg/ha/season 34.8% of requirement
UPINGTON	7.35 kg/ha/season 12.25% of requirement	4 kg/ha/season 20% of requirement	49.2 kg/ha/season 49.2% of requirement
KANONEILAND	6.63 kg/ha/season 11.05% of requirement	14.3 kg/ha/season 71.5% of requirement	45.75 kg/ha/season 45.75% of requirement
KAKAMAS	5.01 kg/ha/season 8.35% of requirement	7.15 kg/ha/season 35.75% of requirement	45.9 kg/ha/season 45.9% of requirement
ONSEEPKANS	10.5 kg/ha/season 15.5% of requirement	8.4 kg/ha/season 42% of requirement	45.75 kg/ha/season 45.75% of requirement



ASPEKTE MET BETREKKING TOT DROOGDRUIWE

Deur: Rachel Kriel, Plant SA



Suksesvolle plantverbetering word gemeet aan die hoeveelheid gesertifiseerde plantmateriaal en wingerdstokke wat jaarliks deur, onderskeidelik die Plantverbeteringsorganisasies (PVO's) en die geregistreerde wingerdkwekers, aan die bedryf gelewer word.

Twee van die kern aspekte van die sertifiseringsproses is inspeksie van plantmateriaal en plante en die oudit van plantverbeteringsprosesse. Beide hierdie funksies is ingesluit by die diens wat PlantSA aan die onderskeie skemas bied. Die inspeksiendiens was egter tot in 2023 uitgekontrakteer, maar na afloop van die huidige seisoen is die kontrak opgeskort en PlantSA het oor die afgelope paar maande vier interne Plantinspekteurs aangestel wat oor die volgende twee maande in diens tree. Hierdie aanstellings gaan die kapasiteit van PlantSA ten opsigte van inspeksies asook die oudit funksie aansienlik uitbrei.

Die fokus van hierdie dienste gaan hand aan hand met die volgende aanhaling van W. Edwards Deming: "Inspection with the aim of finding the bad ones and throwing them out is too late, ineffective, and costly. Quality comes not from inspection but from improvement of the process."

Deel van die verbeterde prosesse is die fantastiese samewerking van PVO's en kwekers om die hoeveelheid droogdruifplantmateriaal wat stok vir stok met ELISA getoets word vir die teenwoordigheid van Rolblaar, jaarliks te verbeter. Die syfers vir die afgelope seisoen in vergelyking met 2022 is as volg, waar K2 en W2 verwys na eenhede wat stok vir stok getoets is:

99,6% van *bostokke in grondveskwekerye* is uitgereik met **K2/W2** status (**63% vir 2022**), **teenoor 83,4%** in kommersiële kwekerye (**54% vir 2022**).

'n Volgende proses wat op verskeie vlakke aandag geniet is die verbetering van onderstokplantmateriaal.

Meer daaroor in 'n volgende nuusbrief.



10th International Table Grape Symposium

By: Andries Daniels, Raisins SA

What a spectacle the 10th International Table Grape Symposium hosted in South Africa turned out to be!

Having been held more than 15 years ago in South Africa (2007), bidding to host the 10th International Table Grape Symposium (10ITGS) against Spain and Brazil at the 9th ITGS held in Chile in 2020 and winning was absolutely exhilarating. Planning for it started during COVID-19 and no one knew or could ever imagine what laid ahead during those first few months; which became more than a year of uncertainty as to what the face of symposia would look like in 2023.

Nevertheless, with a strong drive to make a success of it no matter what, planning by the South African Society for Enology and Viticulture (SASEV) in collaboration with the South African Table Grape Industry (SATI) went ahead at full steam. At first it was just monthly, then bi-weekly online meetings which became weekly and then basically daily. Through many stressful days and sleepless nights looking for sponsors, compiling a scientific program and pushing interest for people to register, everything seemed like a mountain that was insurmountable. Luckily the Local Organizing Committee (LOC) (photo 1) was comprised of a highly motivated and success-driven team of experts within their own respective fields with a diverse set of skills (and personalities).



That, plus an equally enthusiastic Zelda Coetzee and Gwynneth Matthews of Southern Cross Conferences, set the stage for what turned out to be quite a spectacle of a Symposium.

“Experts were flown in from all over the world to come and serve as Keynote Speakers.”



The headline speaker was Emeritus Professor of Food Marketing at Imperial College London and Visiting Professor at the Royal Agricultural University in the United Kingdom Prof David Hughes known as “Dr. Food”. He is a much sought-after speaker at international conferences and seminars on global food industry issues, particularly consumer and retail trends. He is quite apt in taking complex concepts and getting the message across in an easy, lighthearted, and easily ‘digestible’ manner. All keynote speakers are pictured in photo 2 with Dr Ilse Trautmann who addressed them at the Speakers Dinner held at Vergelegen Wine Farm on Monday, 27 November. Dr Trautmann is the Deputy Director General: Agricultural Research and Regulatory Services at the Department, overseeing the programs of Research and Technology Development Services, Veterinary Services and Agricultural Economic Services. She is currently leading the Climate Change portfolio of her department and is part of the transversal governance structure on climate change in the Western Cape Government. Just like she delivered good and relevant information during her welcome (photo 3) and speakers dinner speeches, so did all the keynote speakers on all the various topics they touched on under their respective sub-themes that ranged from Grapevine Breeding, Genetics and Biotechnology; Reproductive Biology, Fruit Physiology and Development and Plant Growth Regulators; Vineyard Management and Environmental Sustainability; Grapevine and Crop Protection, to Post-harvest Physiology and Maintenance of Grape Quality. A variety that delivered quality scientific talks that was highly valued by all those present including our most precious sponsors.



Other than Dr Trautmann, there were also several other VIP guests who were invited to the 10ITGS. This included Raisins SA CEO Ferdie Botha pictured in photo 4 with JP Bence from Carpe Diem Raisins. Present also from Raisins SA was Stefan Jordaan, Senior Agricultural Specialist and Business Development Services Provider (BDSP) Manager pictured in photo 5 with Hein Koch from Bloom Fresh, previously SNFL and JP Bence. This picture was taken underneath Bloom Fresh's raisin grape cultivar 2-506 on the Paarl/Wellington Field Day that was offered as part of the Symposium. The other field days were held in Piketberg and the Hex River Valley. These surely offered just as much insight into the production of table grapes, new cultivars, and cultivation practices like the Paarl/Wellington one did. Now retired Senior Researcher and Irrigation Specialist from the ARC Dr Philip Myburgh and his protégé Dr Carolyn Howell provided much inside from within a profile hole at the JDK Farm in Paarl. The exposed roots in the profile hole were painted white to display the importance of soil preparation and irrigation. Using different tools to schedule irrigation according to the vine's needs were also discussed.

Panel discussions were held on three of the four days over which the scientific program ran. The first panel discussion was titled: 'Table Grape World Exports: A Great or Grape Crisis?' and was chaired by Dr Gerd Burmester. With over 26 years in the field, Gerd possesses in-depth knowledge of the Peruvian fresh fruit industry, global markets, and variety innovations. The second panel discussion was titled: 'Who is stealing your lunch?' and was chaired by Rupert F. Maude.



Rupert has for nearly 20 years been directly involved in Table Grapes in all aspects. Not only in his capacity of Commercial Director at Spain's leading producer of Table grapes and Stone fruit, but also with responsibility for many areas including variety evaluation and selection. He has been fortunate enough to visit many of the main table grape growing countries, some of them many times, so he is quite familiar with the global table grape markets. The third panel discussion was titled: 'Logistics challenges and opportunities in the fresh produce value chain. Exploring the role of data and tech in creating efficiencies' and was chaired by AJ Griesel. AJ holds extensive experience in the agricultural industry, is well-versed in commercial operations and believes that a values-based culture supports the delivery of long-term excellence. As the CEO of SATI, together with his team he focusses on initiatives that will maintain South Africa's position as the preferred table grape country of origin. All these different experiences and expertise of the Panel Chairs ensured that they engaged and facilitated a meaningful discussion surrounding world table grape exports.



Whether it was the fact that The International Organization of Vine and Wine (OIV) granted patronage to the 10ITGS and had their official, Professor Vittorino Novello, Vice-President of OIV Viticulture Commission tasked to read a letter from the President of the OIV and do a presentation on what the OIV does, or whether it was just people wanting to break away from the online space they have been 'living' in the past three years since covid hit, one can only speculate. But with more than 500 delegates (Photo 4) attending the symposium in-person and only 40 online, compared to the 160 that attended in 2007 the 10ITGS surely was one huge success. From guests being welcomed in a true Cape Townian style by the Cape Town Minstrels at the welcome reception on Sunday, 26 November to getting goosebumps by the awesome lively performances of the Soweto Youth Choir at the official opening on the Monday. Not to even mention the Gala dinner held on the Thursday at Anura. It was just WOW!!! The main theme for the symposium was 'Redefining the Industry – Production drive and drag factors'.

It totally lived up to its promise to provide an exciting platform where table grape science could meet industry to showcase advancements in knowledge and innovation, demonstrate the sustainability of the global table grape industry, and provide insights into market and consumer preferences.

“

We wish Spain, who won the bid for the 11th ITGS, all the best in planning and hosting it in 2026.

”





Kanoneiland velddag

Deur: Stefan Jordaan, Raisins SA

Op 21 November was daar 'n veldsessie aangebied by Kanoneiland Landbouvereniging, bygewoon deur 30 persone.

Die doel van die sessie was om op 'n informele basis die belangrikste aksies te bespreek van die seisoen, asook die moontlike oplossings om dit te bestuur.

Hoofpunte bespreek:

- Profielgatinspeksies
- Bemesting
- Besproeiing
- Swambestuur
- Kultivar en onderstok keuse

Met die tipe inisiatiewe deur produsente gemeenskappe reik industrie belanghebbendes maklik uit en met die dag was ons bevoorreg om Sunworld se span teenwoordig te hê. Sunworld is die lisensiehouer van Sugra 39.





MEER INLIGTING OP SUNWORLD



[Webtuiste](#)

Sunworld se span was Robey Leibbrandt (GTS Agronomist RSA& MENA), Michele Milillo (VP Global technical services) van Italië, asook Pablo Barba (Table grape breeder) van Amerika.

Die dag se "take home" boodskap -

- Grondvoorbereiding is die belangrikste faktor met 'n langtermyn gewas.
- Ken jou kultivareienskappe.
- Onderstok keuse kan maak of breek.
- Bemesting op die regte tyd gee optimale resultate.

Daar was baie lekker interaksie tussen almal. Hierme wil ek graag ander landbouverenigings motiveer om kontak te maak indien daar behoeftes is in die betrokke areas.



Dit is die produsente en belanghebbende inligtingsdae wat ontwikkeling bevorder.



Sugra 39 op R110 in Kanoneiland binnegrond



Profielgat ondersoek en bespreking van die belang van die regte kultivar & onderstok keuse

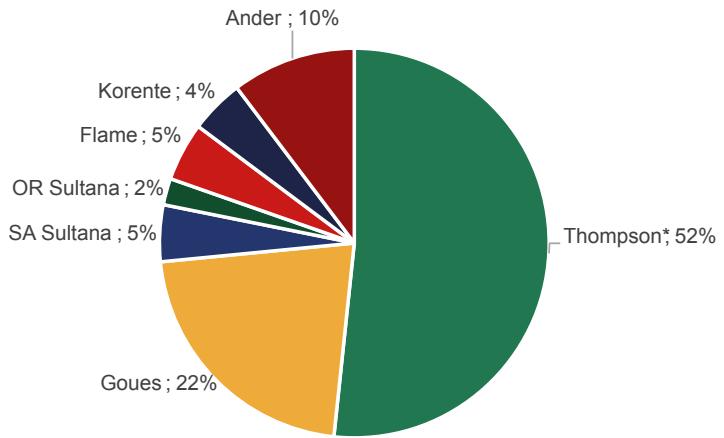


Oesskattting 2023/24

Deur: Madene Conradie, Raisins SA

Met die hulp van Raisins SA se tegniese komitee, asook produsente en verpakkers se insette, is die oesskattting van 2023/24 beraam.

Die eerste amptelike skattting vir die komende seisoen, word konserwatief beraam op ongeveer 85 000 ton (bruto massa). Dit is 'n verhoging van 41,12%, in vergelyking met die inname van 2023 (bruto massa van 60 231 ton). Alle rolspelers is dankbaar vir die vooruitsig van 'n goeie jaar, aangesien die afgelope drie jaar almal se deursettingsvermoë en geduld getoets het.



OEESKATTING 2024*						
	ORANJERIVIER	OLIFANTSRIVIER	NAMIBIË	ANDER	TOTAAL per kategorie	% van produkkategorië
Thompson*	36 605 000	5 736 600	594 000	900 000	43 835 600	52%
Goues	17 937 000		540 000		18 477 000	22%
SA Sultana	3 964 000	-	27 000		3 991 000	5%
OR Sultana	1 863 000		-		1 863 000	2%
Flame	3 215 800	659 800	243 000		4 118 600	5%
Korente	-	3 800 000	-		3 800 000	4%
Ander	4 630 000	1 917 000	1 296 000	900 000	8 743 000	10%
TOTAAL 2024	68 214 800	12 113 400	2 700 000	1 800 000	84 828 200	100%

*let daarop dat die skattting onderhewig is aan verandering, deur die weersomstandighede en produkpryse in ag te neem.



Marktoegang, -intelligenzie & -ontwikkeling



International Sultana Conference:

Climate Change and Markets – what does the future hold for us?

By: Ferdie Botha, Raisins SA



*The 63rd International Sultana Conference
was recently held in İzmir, Türkiye, on 13-14
October 2023.*

It was the first visit of the conference to İzmir since 2010. The conference aims to promote the exchange of information on global production, as well as address key industry conversations such as climate change and generic marketing. The congress was attended by delegations from Argentina, Australia, Chile, South Africa, Türkiye, and the United States, as well as exporters from Türkiye.



The dried fruit market is estimated at around 11 billion USD, with dried grapes occupying a significant share of about 25-30%. The past few years have been marked by a series of challenges, including the international COVID-19 crisis, logistical challenges, the conflict in Ukraine, and various economic issues such as rising inflation that left the consumer under pressure.

The Congress agreed that there should be concerted efforts collectively to ensure our sustainability. Market development is such an example – how do we stimulate the international consumption of raisins?

Two speakers addressed the congress, which addressed the topics of Climate Change and Generic promotion.



Climate change threatens vineyard production over the next 30-50 years

Professor Ahmet Altındışlı from Ege University, who is also the President of the OIV Viticulture Committee, delivered a presentation on the impacts of climate change on viticulture worldwide.

The following highlights are quoted from his presentation:

- Main grape growing areas have been situated between 30° to 50° in Northern-hemisphere (NH) and 30° to 40° in Southern-hemisphere (SH) – see figure 1 grey highlighted surface.
- These latitudes refer to nearly 10°C and 20°C annual isotherms.

- The current extension of viticulture is best represented by the 12°C - 22°C isotherm
- limits of the average growing season temperature.
- Potential shifts in the viticulture regions: Southern Europe is predicted to become too hot and northern regions becoming viable once again, therefore a potential shift is growing regions over the next decade – see figure 1 marked bands. NH regions move North and SH move South. Important to note is that landmass is available in NH, but reduces in case of SH.
- In the grape growing regions average winter and summer temperatures have increased by 1.4°C between 1950 and 2000 with a greater increase for regions in the NH;
- Climate models predict an increase in global temperature of 1.5°C to 5.0°C by the end of this century;
- Some increases in suitable area might be seen on the poleward fringe in the NH, but decreases in area are likely in the SH due to the lack of land mass.
- The envisioned impacts (risks) on vineyards are:
 - » Warmer temperatures impact budbreak, flowering, fruit set and harvesting;
 - » Potential drought/water stress;
 - » Pest and diseases changes;
 - » Ultimately, yield and quality could be influenced.



- Conclusion:
 - » Climate risks and severity could change because of climate change, these risks include frost, rain, heat waves etc.
 - » Such climate change will have an impact globally on current viticulture production regions.
 - » Production regions need to consider mitigation strategies, such as to adopt and safeguard or limit climate risks:
 - Avoid planting of vineyards in low-lying areas;
 - Cultivar selection – select late cultivar for colder areas;
 - Late pruning to delay budbreak;
 - Cover crops can prevent soil erosion, limiting vine vigour and conserving water in soil.
 - New cultivar and rootstocks to be developed that can adjust and adopt climate conditions.
 - Improved irrigation management and strategies to be used.

Generic promotion

Mr. Ferdie Botha from the South African Delegation made a presentation about the activities of the Dried Fruit Alliance in the UK.

GROWING DRIED FRUIT CONSUMPTION
#EATMOREDRIEDFRUIT

Ferdie Botha
DFA Executive Committee Member &
Executive Director, Raisins SA

Highlights from the presentation:

- Dried fruit consumption is stagnant and in some instances considered a declining product category;
- Dried fruit, and in particular raisins, presents various health benefits, something that we have not communicated well enough with our consumer;
- Raisins are a very versatile product as it is a non-perishable good and does not require cold and expensive cold storage.
- Google searches for 'dried fruit' increased by 33% across the month coverage went live – January, 2023;
- Social media sentiment: comments across social channels including Facebook, Twitter, YouTube and Instagram and on websites are automatically graded into positive, negative and neutral categories. 354% uplift in positive comments (from Dec 2022-Feb 2023).



POSITIVE CONSUMER INTERACTIONS

Health/ Versatility

 **namesurname** ✨ @namesurname • 13 Dec
I've been eating dried fruit for years - sometimes in it's own for a snack mid afternoon but always add it to my porridge too. usually sultanas.. ❤ xx

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 13 Dec
I love dried fruits, thanks for sharing hun

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 13 Dec
Raisins and cranberries in my homemade granola. Making it myself with honey means it's much healthier than shop bought and yummier. 😊

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 13 Dec
Omg i love dried fruits! So so delicious 😍

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 13 Dec
Dried apricots, hemp seeds, sunflower seeds, pumping seeds and dried cranberries. Soo nice! I snack on them 😊

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 13 Dec
I love dried fruits

...

...

...

...

...

...

Propensity to purchase/ get involved

 **namesurname** ✨ @namesurname • 25 Nov
I defo need to get with the dried fruit didn't realise it was 1 of ur 5 a day

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 25 Nov
Going to try this

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 25 Nov
Mm looks good! Will try 😊

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 25 Nov
I'm going to get more I do like dried mangos, prunes and peach 🍑🍑

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 25 Nov
@eatmoredriedfruit Such a great challenge!! I usually add dried fruit to my natural yogurt in the morning 😊

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 25 Nov
Good idea and I going to start eating more dried fruits 😊❤️×

...

...

...

...

...

...

 **namesurname** ✨ @namesurname • 25 Nov
Wow this is interesting! I am adding dried food to my list!

...

...

...

...

...

...



A big thanks to all of the 2023 contributors



World Supply and Demand situation

The Conference discussed the world supply and demand position and noted that the seedless dried grape supply from the Sultana/Natural Seedless Raisin varieties has decreased by 21% compared to the 2022 crop, primarily due to short beginning stock (down 10.3%) and production issues. Production would not be able to meet global demand. However, taking account of current stock levels, in addition to production, supply would indeed be able to meet global demand. This would result that global carryover be significantly reduced (by 86%) to the next period. The production of Golden raisins has remained unchanged, but total supply decreased by 8% due to a short carryover stock. The supply of currants has also decreased by 9%, mainly due to the smaller Australian crop. The Conference recorded the attached seedless dried grape production estimates and heard presentations from each country represented, explaining the seasonal outlook and production conditions in each.

Additionally, the conference recorded the 2024 seedless grape production estimates.



PLEASE REFER TO TABLES IN MARKET HIGHLIGHTS SECTION



Sultana & Raisins



Goldens & Currants



International Market Highlights (30 November 2023)

By: Ferdie Botha, Raisins SA



Türkiye:

The Aegean Exporters' Association revised the 2023/24 dried grape production down to 206,300 metric tons, 36% below season 2022/23. The main reason for this significant decrease is due to heavy rains which affected crops in Manisa around harvesting time.

Iran:

As per the Iran Dried Fruit Exporters Association, the whole grape growing region in Iran experienced a hard winter, which reduced grape clusters to varying degrees, while higher size and quality were reported. At the time of writing this report, the 2023/24 production was forecasted at 180,000 MT, with domestic consumption ranging from 40,000 to 50,000 MT and export shipments expected to add up to between 130,000 MT and 140,000 MT. Total production comprised 50% Golden, 35% Sultana and 15% Thompson & Green.



China:

Total production in 2023 is estimated 11% up from 2022, at around 200,000 MT. The Xinjiang producing region saw some frost damage last April, but only north of the Flaming Mountain, where the crop was about 20-30% below last year, but offset by the southern crop, which was about 30% above. Both Chinese Sultanas and green raisin quality was very good due to cool weather. While, at the time of this writing, the price of green raisins was on the lower side owing to weak domestic demand, and raisin prices were not covering production costs, Chinese Sultanas were at a higher level as the Turkish production was affected by rain during harvesting time.





USA:

Rain and cooler temperatures in the spring and early summer and cooler weather during the drying season (especially in September and October) delayed the harvest for raisins by about three to four weeks. Due to adverse weather during the growing and drying seasons, this year's production is forecasted at 153,000 MT, down 7% from 2022/23. The combination of the 2023 crop and carryover from last year's crop should be enough to meet total demand. Shipments during the summer months have been traditionally slow and expectations are that shipments will start to creep up in preparation for the year-end holidays.

South Africa:

Some frost damage was reported for the week of September 4-11, 2023, although only limited to early cultivars and specific areas of the Orange River; the extent of damage was still being assessed at the time of writing this report. In terms of outlook, vineyards have recovered from the past two years' wet seasons with final volumes only just exceeding the 60,000 MT mark and it is anticipated that crop size will recover to 78,000 – 86 000 MT.

Argentina:

Reports from Argentina is that their crop is developing good. Their crop estimate remains unchanged from the Sultana conference in October 2023.

Chili:

Indication from Chili is that the spring was not as good as anticipated, but still too early to have a firm opinion on crop size. Estimate as per table remain unchanged.

Australia:

is a relative small production country, nevertheless production looks good as a Southern-hemisphere production region. Estimate as per table remain unchanged.





2023 International Seedless Dried Grape Producing Countries Conference Statistics

Variety: Sultana & Raisins



Countries	Estimated physical stock	Estimated production Northern Hemisphere	Estimated production Southern Hemisphere	Surplus stocks to estimated sales and planned carryout
Greece	0	1 000	-	1 000
Iran	5 000	90 000	-	30 000
Türkiye	70 000	206 346	-	10 000
USA	50 021	150 253	-	-37 991
India	0	145 000	-	2 000
Uzbekistan	0	20 000	-	3 000
China	0	190 000	-	0
Argentina	1 500	-	34 000	1 000
Australia	450	-	7 309	559
Chile	8 000	-	52 000	2 000
S. Africa	7 000	-	53 000	6 000
Total [2023]	141 971	802 599	146 309	17 568
2022	158 250	1 056 145	171 076	54 000
% Diff	-10,29%	-24,01%	-14,48%	-67,47%

(All figures metric tonnes packed weight / Goldens or sulphur bleached reported separately below)



2023 International Seedless Dried Grape Producing Countries Conference Statistics

Variety: Goldens & Currants



Countries	Estimated physical stock 31/08/2023	Goldens Estimated Production 2023 crop	Total estimated available product for marketing	Estimated physical stock	Currants Estimated production 2023 crop	Total estimated available product for marketing
	Goldens			Currants		
Greece	-	-	-	7 000	11 000	18 000
Iran	2 000	60 000	62 000	-	-	-
Türkiye	-	-	-	-	-	-
USA	5 808	8 729	14 537	1 046	1 243	2 290
Australia	-	-	-	60	1 240	1 300
Chile	-	6 500	-	-	-	-
S. Africa	0	22 000	22 000	1 600	3 000	4 600
Total [2023]	7 808	97 229	98 537	9 706	16 483	26 190
2022	17 305	90 347	107 651	6 496	23 857	28 892
% Diff	-55%	8%	-8%	49%	-31%	-9%

(All figures metric tonnes packed weight)



Recapitalisation of vineyards in the South African raisin industry:

Technology adoption for improved production gains

By: Ferdie Botha, Raisins SA



Industrial Development Corporation

Over the past 3 years, production and marketing conditions have constrained the SA raisin industry to replace old vineyards beyond their economic lifespan or vineyards damaged by recent floods.

Looking at the long-term sustainability of our industry, we understand that the current financial position of industry limits growers to continue with much needed vineyard replacements. Access to capital is posing as a major challenge at this stage.





Increased production gains (through new technology) is essential for the sustainability of our industry.

Raisins SA is actively engaging with the IDC (as development finance institution) to delve into the vital topic of recapitalizing vineyards within the South African raisin industry. A recent visit took place on the 15th of November 2023 by senior management. This strategic move aims at embracing technological advancements to bolster production yields at farm level, through the introduction of new cultivars. The discussions also include alternative energy solutions and irrigation technology to form part of such funding scheme. The prominent commercial banks have been approached to form part of such initiative.

This forward-thinking approach underscores the industry's commitment to harnessing modern solutions for improving vineyard productivity. The discussions aim to pave the way for a more robust and sustainable future for South African raisin production, leveraging technology to drive advancements in the industry's efficiency and production output.





How does the 2024 South African Raisin crop look?

By: Peter Kuilman, RedSun Raisins



At the end of November 2023, these are early days for the SA raisin crop due in February 2024, however farmers are optimistic that a good crop of 85 000mt is on hand.

Temperatures are between 40°C and 43°C. Occasional rain showers, but nothing serious as the fruit is too immature for there to be any negative effect.



Grapes developing towards the 2024 crop
(end November 2023)

It is also the time for Redsun and other factories to visit the growing areas to talk to farmers regarding buying their upcoming crop. Farmers are paid based on market prices as estimated by the packers at the time of harvest in February 2024. It is always a difficult time, due to the strong competition that exists between the South African packers to buy the farmer's stock raisins.

There is some concern amongst the farmers about the processing capacity available in South Africa to handle a crop of 85 000mt. The concern is against the background that one of the larger raisin processors in South Africa, Desert Raisins, has now shut down. That means 12,000mt of processing capacity is out of the system.

Existing processors in SA are confident that they will be able to handle the full crop.

If this 2024 crop comes in at 85 000mt, it will be equal to the previous record SA crop of 85 080mt harvested in 2020. Since 2020, there has been substantial additional plantings of raisin grapes, which should now add to the volume. Presently, there are 16,365 ha of raisin grapes planted in South Africa. At a rough (conservative) estimate of 5mt dried grapes per ha, that confirms the crop estimate our farmers are reporting.



Product mix from 2024 raisin crop.

Based on the price indications that we have seen offered by the various packers at the meetings held with the farmers they are wanting to deliver to them, the mix of dried grapes from the SA crop 2024, may have some more SA Sultanas in the mix than usual (in 2023 SA produced about 750mt of SA sultanas). This change is due to the higher price the market is offering for sultanas.

We also predict that the number of jumbos available from SA will be on the increase. The reason is the greater participation by table grape farmers into the raisin industry.

RAISIN VARIETY	2023*	ANTICIPATED 2024 CROP MIX
Thompson medium	47%	36%
Golden medium	26%	22%
Flame medium	8%	7%
SA Sultana	1,5%	16%
OR Sultana	1%	1%
Currants	5%	5%
Jumbos/ bolds	11%	13%
TOTAL	60 204mt	85 000mt

*Source is Raisins SA Weekly Intake Report Final 26 July 2023

Redsun Development of the new factory in Vredendal

Redsun is in the process of developing a new raisin processing factory in Vredendal.

This region is one of the fastest developing raisin production regions in South Africa. The 2023 crop recorded 13 390mt (Source Raisins SA Weekly Intake Volume Report, Final 26 July 2023). That is 22% of the SA crop of the same year.

We anticipate that the new factory should be ready for processing late 2024. There are a number of administrative hurdles to overcome before building the factory. The factory will be a duplicate size factory as we have in Keimoes. We will ultimately look at a production capacity of 15,000mt per year.

Market Prospects for 2024 crop

The world raisin crop for the period 1 August 2023 to 31 July 2024 is looking to be about 233 000mt shorter than the usual 1,3 million mt that is traditionally produced. The reason is the rainfall experienced in the Northern hemisphere during July and August 2023. Countries badly affected are USA, Türkiye and Greece. The market has been “shocked” into action looking to cover their supply needs wherever they find product available.

The products they are seeking are Sultanas, Thompson mediums and currants. There has been success in finding a large amount of product, however, there remains a large quantity uncovered. We remain confident that South Africa will enjoy a strong demand into our new crop.

A good size crop moving into a receptive market will be very welcome after the three difficult years we have experienced in South Africa.



Raisin Awareness on Successful Financial Farm Management

By: Charl Janse van Rensburg



Over the recent years, the agricultural industry can be commended for tackling challenges head-on.

Agriculture has remained relevant and resilient which is no mean feat considering the magnitude of challenges faced with. Over the span of four years alone, the industry has experienced a global pandemic coupled with a supply chain crisis, elevated input costs, geo-political tension, adverse weather conditions, declining consumer spending and closer to home, an energy crisis.

With the above-mentioned in mind, agriculture is of a cyclical nature and going forward we may expect the occurrence of peaks and troughs to take place more often due to the fast-paced nature of the 21st Century. Now, more than ever, sound financial farm management practices are imperative to ensure the success and longevity of your farming business.

One can achieve this good planning by not making decisions in haste, but rather focusing on getting the basics right to carry your business through the various agricultural cycles.

With over a century and five decades of banking South Africa's agricultural sector, Standard Bank prides itself in understanding what makes a successful farming business. We have identified four pillars to ground your business in both tough times and growth phases alike.

Starting with the first pillar, cash flow management. Taking the concept of "cash is king" into consideration, a farming business can appear profitable "on paper" but may not be liquid enough to replenish its stock or pay its immediate operating expenses. A cash flow budget is one of the most important aids for a modern farm business, the reason being that the farm's cash income is seasonal, whereas payments occur throughout the year. Additionally, financiers rely on a company's current and projected cash flows to determine whether said company is on solid financial ground or not.



In order for a farm business to prosper and grow, the correct marketing mix is needed! This mix can be broken down into the “six Ps of marketing”, i.e., Plan, Product, Place, Price, People and Promotion. Plan: How is the product going to reach the selected customers?

Product: What product is going to be marketed? Place: Where is the product going to be marketed? Price: What price will the product be offered to the market for? People: Who are the customers? What are their requirements? Promotion: How will customers be informed that the product is available? Essentially, marketing is the process by which a farm business seeks to maximise the return from farm production by giving buyers (consumers) what they want and supplying it at a profit.

Partnerships and collaborations need not be confined to a formal structure such as a co-operative between farmers. Given the complexity of the agricultural value chains, volatile markets, and the fast pace of change it is important that farmers align themselves with people who are strategically important to their success. Joining organised agriculture, working with other value chain players, connecting with research associations, or selecting a mentor, will assist in putting your farming operation on track.

In agriculture, significant technological change has seen the fourth industrial revolution accelerate the performance of global agricultural value chains at a pace that was not deemed possible a few years ago. As agriculture pivots to leverage technology for growth, the key challenge and opportunity for South African producers is to understand the financial impact of these changes at the individual farm level.

Getting the balance right requires applying a fit-for-purpose philosophy to agricultural investment.

To recap, a cash flow budget aids in making informed decisions for the business operations and can be used by lenders to assess the health of a business. A sound marketing mix requires planning, sales discipline, access to good market information and a sound grasp of all the pricing and delivery alternatives. Partnerships and collaborations are vital for long-term success in today’s fast paced world. Technological investments should be assessed on an individual needs basis that should support the business’s bottom line, ideally without encumbering the business with more debt. At Standard Bank we have highly experienced bankers and agricultural specialists who are well equipped to assist you in building a farm business with a solid foundation or to assist with raising your farm business to the next level.

FARMERS ARE THE
HEARTBEAT OF
THE ECONOMY

For more information visit:
www.standardbank.co.za/agribusiness

Standard Bank

Verpakkersbrandpunte

Raisins
South Africa

Internasionale kopers soek betroubare, standvastige verskaffers, en soek nuwe produksiegebiede indien daar te gereeld skommelinge is. Dis onvolhoubaar om markte te probeer vestig op die rug van produsente wat korttermyn sienings het.

Die verpakkers se uitdagings moet aangespreek word, om die langtermyn volhoubaarheid van die SA rosynebedryf te bevorder. Die vooruitgang van verpakkers bevorder weer die finansiële posisie van produsente – die kern van die bedryf.

Produsente moet SAAM met hul verpakker 'n mark vestig vir 'n sekere produk teen 'n sekere kwaliteit en pryspunt.

Wenslysie vir SA produksamestelling:

PRODUK KATEGORIE	PERSENTASIE VAN PRODUKSIE	HOEVEELHEID TONNE (op 'n oes van 85 000 ton)
THOMPSONS	47%	35 000-40 000 ton
GOUES	23%	20 000 ton
FLAME	7%	6 000 ton
SA SULTANA	6%	5 000 ton
KORENTE	5%	4 000 ton
OR SULTANA	4%	2 000-3 000 ton
ANDER (TAFELDRUIWE)	8%	7 000 ton

Die probleem is:

- ⇒ besluite i.t.v. **produkkategorie** word op nr 99 geneem, en skep dus **onsekerheid i.t.v. volumes**
- ⇒ **prysesne** veroorsaak oor- of onderproduksie van **produkkategoriee**
- ⇒ produsente weet nie wat die koste per kilogram is ten tye van oes nie (slegs 'n gemiddelde poel van kostes),
- ⇒ **produsente sien die verpakkers as die eindverbruiker**, en is dus nie altyd in gevoel met die verwagtinge van **die koper nie**.

Gevolgtrekking:

- ⇒ Beperkte belyning tussen produsente en verpakkers.
- ⇒ Produsente en verpakkers is SAAM verantwoordelik vir die kwaliteit van produk wat uitgevoer word.
- ⇒ Produsente is nie klinies genoeg in die berekening van kostes per produk en winsmarges nie.
- ⇒ Kontantbeperkings speel 'n groot rol in die keuse van verpakker, wat veranderinge op nr 99 van verpakker kan beteken.
- ⇒ Laaste minuut veranderinge aan produkkategorieë a.g.v. prysesne skep oor- of onderproduksie, wat kan lei na verlaagde prys, selfs oor die langtermyn.
- ⇒ Die rosynebedryf vereis 'n meer gefokusde koste berekeningsbasis.
- ⇒ Baie belangrik vir produsente om meer produkkategorie gedrewe te wees.



Turkye is 'n prysmaker, maar SA het een voordeel bo hulle: **kwaliteit**.

SA het die voordeel om **vroeër SA sultanas** te produseer in vergelyking met die Noordelike halfronde.

.....
SA Sultana kan bydra om strategies produkkategorieë te balanseer.

.....
SA sultana se gradering is gemiddeld **92%**, vs **Thompsons** se **85%**
(Thomspsons dus slegs R1,5/kg beter af vs R3,5/kg in die direkte prysverskil)

.....
SA sultana Kan vroeër oes – verminder risiko vir reën.

Slotsom:

Om die verpakkers volhoubaar te maak, en dus die produsente op hul plase te hou, is 'n meer geïntegreerde benadering in die waardeketting nodig, met nouer samewerking tussen produsente en verpakkers.



Hierdie verslag is deur EVDW saamgestel - onafhanklik van Raisins SA.

Die volgende verpakkers het deelgeneem:



Taste the African Sun. It's natural energy.



Raisins SA bemarkingsforum terugvoer

Deur: Madene Conradie, Raisins SA

Een van die advieskomitees van Raisins SA, is die bemarkingsforum, wat 3 keer per jaar vergader.

Die doel van hierdie forum is om kwessies rakende die mark en 'n geïntegreerde poging tussen produsent en verpakker om die mark suksesvol en volhoubaar te bedien te bespreek en te hanteer.

Die komitee bestaan uit die volgende persone:

- Willem Bestbier - onafhanklike voorsitter
- Madene Conradie - sekretaresse
- Johannes Fourie - produsent - Oranjerivier
- David van der Merwe - produsent – Oranjerivier
- Van Zyl Vorster - produsent - Olifantsrivier
- Nico Koch – PepsiCo
- Santjie Coetzer – PepsiCo
- Pieter Roos – Carpe Diem Raisins
- Gog van der Colff – Carpe Diem Raisins
- Dawid van der Berg – Carpe Diem Raisins
- Peter Kuilman – RedSun Raisins
- Stephan Kruger – Prosperitas
- Ferdie Botha - Raisins SA

Die hoofpunte wat in die vergadering van 16 November 2023 bespreek is en waaroor konsensus bereik is, word as volg aangedui:

- In Oktober en November kan daar verwys word teen watter pryspunte rosyne internasional verhandel, om 'n aanduiding te gee.
- November is te vroeg om akkurate pryspunte aan produsente te verskaf. Eers vanaf Januarie kan akkurate prysaankondigings oorweeg word.
- SA posisioneer onself tradisioneel tussen die Turke en Amerika i.t.v. pryspunte en dit sal so volgehoud word.
- Dit is belangrik om markte konstant en betroubaar van die regte produk te voorsien, en nie wisselvallig te wees nie.
- Inaggenome die huidige realiteit en verwagtinge word die produksamestelling soos in Tabel 1 vir die SA oes voorgestel.
- SA Sultana bly dus 'n belangrike deel van die SA gestruktureerde produkpakkie wat aangebied moet word.
- Verpakkers en produsente word aangemoedig om kontrakte te implementeer wat voorsiening maak vir volume kontraktering van produkte, asook vir markrisiko-deling.
- Oesskatting vir die komende seisoen is konserwatief op ongeveer 85 000 ton beraam.
- Die generiese handelsmerk vir Thompsons en Goues sal vanaf Junie 2024 in werking tree.
- Die forum vergader weer teen einde Januarie 2024 om dan die jongste realiteit en inligting te oorweeg.

*Tabel 1:***Voorgestelde “pakkie” samestelling van rosyneproduksie:**

PRODUKKATEGORIE	HOEVEELHEID TONNE (OES VAN 85K TON)	HOEVEELHEID TONNE (OES VAN 100K TON)	PERSENTASIE VAN OES
Thompsons	35 000 - 40 000	48 000	48%
Goues	20 000	22 000	22%
Flame	6 000	6 000	6%
SA Sultanas	5 000	10 000	10%
Korente	4 000	4 000	4%
OR Sultana	2 000 - 3 000	3 000	3%
Ander	7 000	7 000	7%
TOTAAL	85 000	100 000	100%





ORANGE DESCENT

By: Waldo van der Linde

The 2023 Orange Descent was a great success.

All our participants were treated to the very best of Northern Cape hospitality.

We were also able to treat our guests to some of the top tourism attractions in our region.

We had the registration at Orange River Cellars, Sundowner Cruise on Sakkie se Arkie and a brandy tasting at Die Mas Wyn Cellars.

The two-day paddle on one of the most breathtaking sections of the Orange River was enjoyed by everyone.

Some of our participants even opted to extend their trip with a visit to the Augrabies and Kgalagadi Transfrontier Parks.



ORANGE DESCENT PHOTOS



ORANGE DESCENT VIDEO

The 2023 Orange Descent Title was won by Thomas & Hamish Lovemore with Waldo van der Linde & Adriaan van Schalkwyk in second place and Heinrich Schloms & John de Villiers in third.



The Lovemore sibling duo proved their class by dominating the race from day one. The top crews quickly established their dominance and split the field right after the start. The Lovemore duo made a break about 7km into day 1 by powering through the rapids and leaving the field behind.

The same went for Day 2, when the same 4 boats got away at the start with Eugene van der Westhuizen and his international partner Rick Daman joining the front diamond.

The local crew of Waldo van der Linde & Adriaan van Schalkwyk used their local knowledge of the rapid and took the lead into the 3 major rapids of the day.

Heinrich Schloms & John de Villiers suffered some misfortune by capsizing and breaking a paddle in one of the rapids. Luckily there was some river safety crew on hand to lend him a paddle and continue their gutsy chase for the 3 front boats.

The Lovemore duo outsprinted the local crew of Waldo van der Linde & Adriaan van Schalkwyk to yet again take line honours for Day 2.

This year was also the very first (of many to come) Orange Descent Guppy Race.

We had a good group of young paddlers all inspired after watching the senior racing on Saturday morning. They thoroughly enjoyed themselves on the water and hopefully they all will be joining the main event soon!



A huge thank you to all our sponsors who made the event possible!



FLTR: Andries van Schalkwyk & Waldo van der Linde (2nd place) / Hamish & Thomas Lovemore (1st place) / Heinrich Schloms & John de Villiers (3rd place)



Female guppy rowers.



Transformasie



Raisins SA's Vineyard Establishment Program

by: Jancke Beer, VAMF

On 19 and 20 September 2023, Raisins SA launched their The Vineyard Establishment Program, which spanned over two consecutive days.

This initiative's main purpose was to empower emerging growers by helping them expand their vineyards and ultimately grow their revenue.

The program was funded by Kgodiso Development Fund (KDF), founded by PepsiCo.

VIP's who were invited to attend the program included representatives from the NAMC, PepsiCo, KDF, Raisins SA, and other local growers and extension officers.

The program kicked off on 19 September on the farm of the first emerging grower, Earl Loxton. The event was held on the farm, right next to his newly established vineyard. After speeches by Simoné Oliphant (Raisins SA - Transformation Manager), Tshegofatso Selepe (KDF) and Earl Loxton himself, the official planting took place.





Earl Loxton, followed by the guests, had a chance to get their hands dirty by planting a vine in the ground. The second day of the program was held at the Vine Academy and Model Farm, where the formalities were almost the same as Day One. Ferdie Botha, a founding member of the VAMF, gave some background and insights on the Academy.

The official planting was led by Stefan Jordaan, Senior Agri Specialist at Raisins SA, who gave some insights into the model farm and the research and development being done there. Of the guests who had their hand at planting were Santjie Coetzer (PepsiCo) and Tshego Selepe (KDF). A tour of the vineyards was followed by a delicious lunch in the Vine Academy's newly built cafeteria.

“By working together and pooling our resources and strengths, we can accomplish great things.”



Meet the Agribusiness Incubator Program Growers

By: Banelise Mhlangu, Agri Enterprises

In the mesmerizing landscapes of South Africa, where the sun-kissed vineyards stretch as far as the eye can see, a trio of remarkable individuals are reshaping the future of agriculture.

Tiaan Schwartz, Millie Adams, and Elsie O'Ryan (from Eksteenskuil Agriculture Co-operative) are among the pioneering raisin growers who have found their stride in the Agribusiness Incubator Program, a transformative initiative that is bringing hope and prosperity to smallholder and small experienced farmers.





The Agribusiness Incubator Program, in partnership with Agri SA, is on a mission to provide these farmers with holistic support, encompassing financial, technical, and educational assistance. This visionary program sets its eyes on 20 farmers across six provinces, ensuring that they receive ongoing tailored support. The aim is to equip and capacitate these farmers with the necessary resources and elevate their farms into sustainable enterprises.

Beyond fostering growth, the program also prioritizes building succession plans, recognizing the pressing need to rejuvenate an industry traditionally dominated by elder farmers.

Tiaan Schwartz's story is a testament to the rich farming heritage of the Northern Cape. Known for its vast, landscapes and natural beauty, the Northern Cape has a strong agricultural tradition. For Tiaan, farming is a family legacy, and he proudly follows in his father's footsteps.

*Die appel val nie ver van die
boom af nie –
the apple doesn't fall far
from the tree.*

The Agribusiness Incubator Program is not just about farming; it's about nurturing dreams, fostering innovation, and building a brighter future for farmers like Tiaan Schwartz, Millie Adams, and Elsie O'Ryan.

As we follow their journeys, we are reminded that the roots of success often run deep, and the future of farming in South Africa is looking brighter than ever, thanks to initiatives like the Agribusiness Incubator Program. Stay tuned for more inspiring stories from the world of agriculture, as we continue to highlight the remarkable individuals shaping the future of farming in South Africa.





Vine Academy and Model Farm hou sy HEEL EERSTE opedag!

Deur: Jancke Beer, VAMF

Vrydag, 13 Oktober sal enigeen wat bygelowig is, se hare laat rys. Veral as hulle hoor dat ons op híér die dag ons heel eerste opedag gehou het.

Maar vir almal wat wonder, die dag was 'n reuse sukses!

Daar het ongeveer 150 leerders en 20 onderwysers van hoërskole uit Kakamas, Keimoes, Upington tot so ver soos Onseepkans, die dag bygewoon.

Ons is ongelooflik dankbaar en bevoorreg oor hoe die dag uitgedraai het.

Nadat die formaliteite in die studiesaal afgehandel was, het almal buitekant in hulle kleurgroepe (blou, rooi en geel) verdeel en toere gedoen van die koshuis en plaas.



Ons saal was volgepak met potensiële studente vir 2024!

Die hunger mae was gevul met heerlike worsbroodjies en kleurvolle oliebolle. Daar was onder ander 'n reuse skaakstel, 'n fotohoekie en 'n rosyntjieproe tafel waar verskillende rosyne uitgestal was, tesame met interessante feite.

'n Paar industrie-vennote en borge was ook deel van die dag en het hulle stalletjies opgeslaan en produkte uitgestal.

Die leerders kon lekker tyd by elke stalletjie spandeer en hoor wat hulle aanbied, party was gelukkig genoeg om met 'n waterbottel of pen weg te stap!

Ons wil al die skole wat die dag bygewoon het, hartlik bedank. Asook al die stalletjies wat deel was, julle almal het bygedra tot 'n baie spesiale en suksesvolle dag.

Mag 2024 se opedag net groter en nóg beter wees!



Breë glimlagte soos hierdie is vir ons bewys van 'n suksesvolle dag



Raisin grower attends EXPO in Kinshasa, Congo

By: Bonani Nyhodo, NAMC

Report to the minister on the SADC Rural Innovation and Transformation Expo held 27 – 28 September 2023, in Kinshasa, the Democratic Republic of Congo

1. Introduction

The African Union Development Agency (AUDA-NEPAD), in partnership with the World Food Programme (WFP), the Government of the Democratic Republic of the Congo (DRC), and the SADC Secretariat, invited the Department of Agriculture, Land Reform and Rural Development (DALRRD) to the SADC Rural Innovation and Transformation Expo, which was held September 27–28, 2023, in Kinshasa, the Democratic Republic of the Congo. The DALRRD was given the go-ahead to choose five innovators who will take part in the expo. The National Agricultural Marketing Council (NAMC) was also invited to the tour and granted permission to nominate six innovators, the DALRRD learned as it was getting ready for the visit. When this possibility became apparent, DALRRD made the decision to work with the NAMC to pursue attaining the goal.

2. Purpose of SADC Rural Innovation and Transformation Expo

The importance of education and learning as agents of change is emphasized in the Kinshasa Declaration on Rural Transformation. It exhorts AUDA-NEPAD and its partners to create a knowledge platform, encouraging learning collaborations between nations and regional/national organizations for rural development. This program aims to promote collaboration, knowledge development, and sharing. Senior government officials in charge of rural development, agriculture, and nutrition participated in the introduction of a Senior Government Officials Knowledge Platform, which AUDA-NEPAD and the WFP did during the Expo. In line with the ideals of the Kinshasa Declaration, this forum will promote cooperation, knowledge exchange, and policy proposals for rural development in the SADC area.





3. South African delegation

Six members of the South African government made up the delegation, including the Deputy Minister, Hon. Capa, and her Assistant, Mr. Muji Mgadzi. The Chief Director, Mr. Lulama Zantsi, and Deputy Director General, Ms. Nomthandazo Moyo. Ms. Nomantande Yeki and Mr. Bonani Nyhodo were the NAMC's two representatives.

1.1. Table 1 below provides innovators details.

NO.	NAME	PROVINCE OF RESIDENCE	NAME OF ORGANISATION	COMMODITY	DESIGNATION/ POSITION
1	Ms Dintle Maphala	Eastern Cape	Goedehoop Farm	Wool and mohair farming	Farmer
2	Mr Inga Nande Qija	Eastern Cape	BHAYI Holdings (Pty) Ltd	Crops and Livestock farming	Director
3	Ms Dikonelo Motseki	Free State	Sidern Trading	Broiler, cash crops and cattle	Farmer/Director
4	Ms Andile Matukane	Gauteng	Farmers Choice	Rooftop Farming, Crops and Leafy Greens	Founder and Managing Director
5	Mr Phiwokuhle Mkhize	KwaZulu Natal	P.T. Nzama Trust Agricultural Services	Ex NARYSEC participant, Crops and Vegetables	Director
6	Ms Mashoto Mogoshadi Ramafalo	Limpopo	Shadtonez Projects	Potatoes	Director
7	Ms Matome Cynthia Mokgobu	Limpopo	Mosibudi Trading	Potatoes and Tomatoes	Director
8	Ms Mpho Rosy Molete-Matlanyane	Mpumalanga	Madelifie Farm	Goats, Piggery and layers	Farmer/Director
9	Ms Millie Adams	Northern Cape	Eksteenskuil	Raisins and Lucerne	Member
10	Ms Amanda Mpabanga	North West	Ndabuchumo Farms & Projects	Vegetables, Grains production	Director
11	Mr Chase McCarthy	Western Cape	Hopefield Raised	Free Range Poultry Farming	Manager



4. *Proceedings*

1. Contribution from the NAMC: Mr. B. Nyhodo took part in a panel discussion about the value of public-private partnerships. Mr. B. Nyhodo's comments focused on the NAMC's involvement in coordinating the provisions of the Marketing of Agricultural Product Act, 47 (1996) with regard to the NAMC's duties, statutory measures, trusts, and investigational requirements. These unmistakably point to a well-functioning, regulated system of public-private partnerships. The final section discusses the elements of the Agriculture and Agroprocessing Master Plan, which was included in the presentation but was not presented.
2. Ms. Nomantande Yeki actively participated in the panel of judges. In the SADC region, the expo brought together about 100 innovators from different regions. These pioneers came together to share their ground-breaking ideas and triumphs while also taking advantage of the chance to pick up new skills and make crucial connections that will help them further their careers. An outstanding 4 of the 11 innovators picked from various South African regions for incubation, replication, and the growth of their businesses have secured a spot among the top 20 innovators. These exceptional individuals are:

- » Ms. Millie Adams in raisins and lucerne production.
- » Ms. Amanda Mpabanga, a producer of vegetables and grains.
- » Mr. Chase McCarthy - the Free Range Poultry Farmer.
- » Ms. Andile Matukane - Rooftop Farming, Crops, and Leafy Greens production.

These people have distinguished themselves by exhibiting outstanding promise and ability, earning their rightful places within the exclusive club of top innovators.

5. *Conclusion*

The visit went smoothly since the DALRRD and NAMC planned it effectively. South Africa's contributions were consistent with the themes. The South African stand was actively maintained by the innovators.





Opening of the VAMF Cafeteria

By: Vivian Job, VAMF

Opening the cafeteria was a mere dream, but as the saying goes, “dreams don’t work unless you take action”.

Why was the idea of opening a cafeteria so important?

The Vine Academy and Model Farm (VAMF) consist of students and employees. It was important to provide both employees and students with a convenient place to enjoy their meals. This can be especially helpful for those who have a busy schedule and do not have time to cook and go out for lunch.

The cafeteria can now provide three meals a day for all the full-time residence students studying at the VAMF. It serves as a job creation platform for those who were previously unemployed and now working there. At the VAMF, we strive to LEARN, EMPOWER and GROW individuals.

Who is the staff working in the cafeteria?

The cafeteria consists of four staff members namely Vivian Job, Wendy Phillipus, Ayanda Yona and Shirley Linnert. These four employees are all hard workers and extremely dedicated. They all do an immense job and are amazing with providing quality, delicious meals for both the students and staff members working at the VAMF. Vivian is the Cafeteria Manager. She does all the administration duties of the cafeteria. She excels in what she does.

Wendy Philipus is the Cafeteria Cook and people don't seem to get enough of her food. The students always ask for a second helping, that's how delicious the food is. Ayanda Yona is the Attendant of the cafeteria - she assists with the preparation of meals and making sure that everything is in place. Her skills are out of this world. Shirley Linnert is the Cafeteria Cleaner. She keeps the place spotlessly clean and does a really great job.



Report on the 6M Training

By: Desiree Adams

The Raisins SA annual 6M training kicked off this year on 31 October up to and including 3 November 2023.

The first session took place in Goblershoop and it was a huge success, followed by Blocuso Trust, Eksteenskuil, Kakamas and Onseepkans. The last two sessions of Vanrhynsdorp and Vredendal will be presented virtually, as the interest was very low. The training was attended this year by approximately 255 people (consisting of foremen, junior and senior managers, office staff, general farm workers as well as farm owners) and 21 school pupils from Martin Oosthuizen High School, who successfully completed the course presented by Desiree Adams.

Participation during the training was very impressive and the exchange of information and ideas, especially where senior management and owners could advise other managers on certain aspects that commonly happen on farms and how to manage it. A lot of good information came from the audience and all who attended the session felt that they learned a lot from this and that they came to the realization that a company, especially farms, is not only responsible for the environment but also everyone who works there. The workers were very happy to hear that they are the most important pillar on the farm because without workers no business can flourish.



Once again, many thanks to all farmers for availing your workers and investing time for their development.





Water is Life. Sanitation is Dignity.

By: Jancke Beer, VAMF

On Friday, 03 November 2023, we had the privilege of being visited by the Department of Water and Sanitation.

Deputy Minister Judith Tshabalala was joined by the Mayors of Dawid Kruiper and Kai! Garib Municipalities. They were accompanied by members of Kakamas Watervereniging

They travelled in and around Kakamas to assess the progress on a group of farmers and projects on individuals who have been allocated water and land. The visit forms part of the Water Allocation Reform (WAR) programmes, which is a way of sharing the limited water resources in the best interest of the country.

The program kicked off just past 8am, with us at the Vine Academy telling the inquisitive listeners about the Academy.



From left to right: Executive Mayor ZF Mgcawu District Municipality: Maureen Catherine Basson, Deputy Minister of Water and Sanitation: Judith Tshabalala, and Mayor Kai! Garib Local Municipality: M Matthys

Our SRC also gave feedback on their experience since starting their academic year in July.

It was a short morning visit, which started and ended with laughter.

We appreciate the time each member took to visit the Academy and to learn more about our vision for the future of agriculture.

LEARN.EMPOWER.GROW





34%

Raisins

South Africa

HARVESTING FINANCIAL WISDOM

By: Ronald Nkhumise, Absa

Absa ED – BDS Support to Raisins SA

Raisins South Africa hosted a two-day growers industry information session dubbed “Harvesting Financial Wisdom” in collaboration with Absa Bank Limited at The Vine Academy and Model Farm in Kakamas, Northern Cape on 30th November and 1st December 2023. Through Mr. Ferdie Botha, CEO of Raisins SA’s vision, a proposal was presented to Absa Bank Limited to collaborate with Raisins SA on this initiative.

Raisins SA is the governing industry body for raisins in South Africa, which supports approximately seven hundred raisin growers in South Africa. Raisins SA focuses on transformation in the agriculture sector. An objective of Raisins SA is to support emerging black growers to make a transition from an emerging to a commercial raisin grower and to extend their market access opportunities at the same time. Raisins SA implemented a Women’s Project where they focus on supporting and developing women growers, who primarily farm with raisins. Among many other KPAs, Raisins SA focuses on research.



The Absa team, FLTR: Ronald Nkhumise, Rowena September, Conny Louw, Abongile Landa, Napier de Kock

It is from these research that industry information journals that are used in the agricultural sector (vine industry), by local and international markets were produced. The Vine Academy and Model Farm is where all the research and concepts development take place. South Africa is the world's fifth largest exporter of raisins, with more than 90% of its total crop earmarked for key international markets and Raisins SA is the South African market leader in this industry through its developmental work.

At Absa, we recognize the significant impact that SMEs have on the economy, and we are committed to support their growth. We believe that by fostering long-term relationship with stakeholders like Raisins SA, clients, and communities we can play a meaningful role in contributing to the expansion of small businesses and improving the daily lives of individuals while empowering Africa's tomorrow, together, one story at a time.

It is at the back of this background and the enthusiasm demonstrated by Raisins SA in supporting SMEs (growers in the raisins industry) that Absa fully rallies behind this initiative in a concerted effort to contribute towards growing the economy of South Africa. It is with such initiatives that Absa is intentional in proactively driving industry transformation to achieve a more equitable and social just society.

Our collaboration with Raisins SA aligns to Absa's purpose of being an active force for good in everything we do. By driving the financial inclusion of SMEs (vine growers) into the formal banking system, Absa is playing a transformative role in stimulating the economy of the Northern Cape."

Through Business Development Support, Absa Enterprise Development seeks to enhance the efforts of Raisins SA in transformation and development of vine growers in the country. It is with such collaborations that Corporate South Africa can make a significant positive impact on the growth of our economy. At Absa, we are committed to support the incubation programme which will upskill five growers and develop them to participate in the bigger commercial arena in the industry. We will further make funding opportunities for the qualifying growers who are registered Raisins SA members available.



The Absa Team, Senior ED Specialist, Ronald Nkhumise, Agri-Specialist, Napier de Kock, and Investment Manager, Abongile Landa did a sterling job presenting Absa's ED CVP, Agri-Banking CVP and investment vehicles for SMEs. SME Banker, Rowena September, and ED Consultant, Conny Louw supported them, by engaging growers on Absa's offerings and support to SMEs and shared much needed and valuable information. The two-day event was a remarkable success and the Raisins SA growers received value from this initiative.

It is against this background and the enthusiasm demonstrated by Raisins SA in supporting SMEs (growers in the raisins industry) that Absa rallies fully behind this initiative in a concerted effort to contribute towards growing the economy of South Africa. As Absa, we are intentional in proactively driving industry transformation to achieve a more equitable and social just society. Our collaboration with Raisins SA aligns to Absa's purpose of being an active force for good in everything we do.



The conference room fully packed with emerging growers.



Peter Kuilman, CEO of RedSun Raisins, updated the emerging growers on the current international market conditions.

“By driving the financial inclusion of SMEs (vine growers) into the formal banking system, Absa is playing a transformative role in stimulating the economy of the Northern Cape.”

As Absa we believe in Raisins SA's initiatives and objectives which are aligned to our Enterprise Supplier Development strategy. We continue to passionately support Raisins SA as we have done in the past through developmental training like financial literacy training and gender-based violence awareness.



Inligting & Kommunikasie



Raisins

South Africa

FNB LANDBOUPRAATJIE

Deur: Madene Conradie, Raisins SA

Op 8 November het ons ons jaarlike FNB Landboupraatjie aangebied, by Die Ou Huis, Upington.

Ons was baie bevoorreg om die nuwe hoof- uitvoerende bestuurder van Agri SA, Johann Kotzé, as hoofspreker vir die oggend by ons te hê.

Johann het klem gelê op die goed wat ons toelaat om ons te beïnvloed, en chaos wat ons help verkondig. Om volhoubaar te boer, is die grootste volgende onderwerp wat produsente moet aanspreek.

Barry Liebenberg van PepsiCo en Gog van der Colff van Carpe Diem Raisins het beide gesels oor uitdagings en geleenthede in die rosynewaardebeketting, met Pieta Karsten wie gesels het oor die onderwerp "Adapt or die."



'n Volgepakte saal by die FNB Landboupraatjie



Johann Kotzé, nuut aangestelde HUB van Agri SA

Ferdie Botha het elkeen se rol in die bedryf in konteks geplaas, en Dawie Maree van FNB (wie sy verjaarsdag tydens die landboupraatjie gevier het), het 'n samevatting van die dag se aanbiedings gegee.

“

Ons is baie dankbaar vir die uitstekende opkoms en elkeen wie tyd afgestaan het om die oggend saam met ons te geniet!

”



Volg die skakel vir die
OPNAME VAN DIE LANDBOUPRAATJIE



[Landboupraatjie](#)



Die FNB span saam met Johann Kotzé, Agri SA



Droogbaanoudits 2024

Deur: Madene Conradie, Raisins SA

Droogbaanoudits is sedert 2018 in werking gestel, om voedselveiligheid en naspeurbaarheid in die bedryf te bevorder. Dit word behartig deur PPECB.

Dit is u as produsent se verantwoordelikheid om op te volg met u verpakker rakende die oudit en seker te maak dat al u papierwerk in plek is. Indien u geoudit moet word, maar dit gebeur nie, bestaan die moontlikheid dat u produk nie uitgevoer kan word nie.

Ouditkostes vir 2024 beloop:

R1924,02 + BTW, tot 30 April 2024,
mits die oudit deur u verpakker geboek word.

In 2024 moet die volgende produsente geoudit word:



behaal in 2021



behaal in 2022



behaal in 2023



Indien u op 'n ander produsent se droogbaan droog, let asseblief op die volgende:

Slegs produsente wie nie droogbaanfasiliteite het nie, mag aansoek doen vir toestemming om 'n ander produsent se gesertifiseerde droogbaan te gebruik.

Die aansoek moet deur die verpakker gaan, en die volgende dokumentasie word benodig:

Die produsent:

1. bewys van PUC registrasie
2. verklaring dat u geen droogfasiliteite het nie
3. aanduiding gee van wie se droogfasiliteite gebruik gemaak gaan word
4. geskrewe versoek om die betrokke party se droogbaanfasiliteite te gebruik

Die eienaar van die droogbaan wat gebruik gaan word, moet die volgende verskaf:

1. Afskrif van SAGAP droogbaansertifikaat
2. Verklaring dat die produsent wie sy droogbaan wil gebruik, nie sy/haar eie droogfasiliteite het nie
3. Geskrewe toestemming dat die aansoeker sy/haar droogbaan mag gebruik
4. Die produsent moet verseker dat sy/haar droogbaanfasiliteite ten alle tye voldoen aan die standaarde en vereistes.

Alle aansoeke om droogbane te deel moet voor die droogseisoen plaasvind en geen laat aansoeke sal aanvaar word nie.

LET OP DIE VOLGENTE: INDIEN U DRUIWE INKOOP OM TE DROOG, OF 'N PRODUSENT MAAK VAN U DROOGBAAN GEBRUIK EN AL DIE DOKUMENTASIE VAN DIE PRODUSERENDE PRODUSENT IS NIE VOLLEDIG NIE, BESTAAN DIE MOONTLIKHEID DAT U U DROOGBAANOUDIT DOP.

NASPEURBAARHEID EN VOEDSELVEILIGHEID MOET TE ALLE TYE NAGEKOM WORD, AL HET U NIE U EIE DROOGBAAN NIE.

Unannounced audits mag voorkom by enige produsent.

VIR MEER INLIGTING, SKAKEL MET U VERPAKKER

“

Baie sterkte met die seisoen wat voorlê!

”

WENKE VIR Hittegolf Beheer



Indien die maksimum temperatuur van 'n spesifieke dorp 5°C bo die gemiddelde maksimum temperatuur van die "warmste maand" bereik of oorskry, en ook langer as drie dae aanhou, kan 'n hittegolf verklaar word.



SIMPTOME VAN HITTE UITPUTTING



Duiselheid of lighoofdigheid



Geblosde of rooierige vel



Verandering in geestestoestand – soos bv. verwarring, irritasie, prikkelbaarheid, disoriëntasie



Verandering in gedrag – soos bv. belemmerde spraak, persoon is van balans af



Naarheid en/ of brakking



Vinnige asemhaling en hartklop



Anvalle, koma



Abnormale sweatpatrone wat lei tot droë vel

Vir meer leiding en om bestuurspraktyke in normale warm/hitte omstandighede te verstaan, volg gerus die riglyne soos vervat in die SIZA H&S-gids, beskikbaar hier:

<https://siza.co.za/wp-content/uploads/2020/07/SIZA-Guide-to-Health-and-Safety-Management-V01.pdf>



External Representation In Disciplinary Matters

By: Gysbert Janssen, SEESA

When an employee faces disciplinary action, they sometimes do not wish to face it alone and then turn to colleagues, unions or even outside lawyers and/or advocates to represent them in the disciplinary action. The question is, are they all allowed to represent the employee automatically?

Employees facing disciplinary action always have an automatic right to have a co-employee represent them. For this reason, unions usually attempt to have shop stewards/union representatives elected in the workplace. These shop stewards/union representatives are sometimes trained by the Union in the planning and defending of their members in these disciplinary hearings and or incapacity enquiries.



A union official, however, does not have an automatic right to represent an employee unless there is a formal agreement between the parties allowing representation by union officials. A union official, however, has an automatic right to represent their elected shop steward should the shop steward request representation by the union official.

Does this mean that union officials are not allowed to represent their members who are not shop stewards?

The law does not make specific reference to union officials and legal representatives as representing parties in internal disciplinary matters. Therefore, Chairpersons usually use the CCMA Rules as a guide to determine if they should allow the union official or legal representative to represent an employee in an internal disciplinary hearing.



Section 25(1)(c) of the CCMA Rules allow outside counsel in the following circumstances:

- The commissioner and all the other parties consent;
- The commissioner concludes that it is unreasonable to expect a party to deal with the dispute without legal representation after considering –
- The nature of the questions of law raised (this entails whether the dismissal was possibly procedurally and substantively unfair);
- The complexity of the matter (this would depend on the reason for the dismissal and whether it can be related to misconduct. If there are numerous expert witnesses, documentary evidence, etc);
- The public interest: (this will depend on the application and if the request is based and in line with the employee's Constitutional Rights);
- The comparative ability of the applicant and the respondent (will the employee be able to follow the proceedings and give a proper defence).

Therefore, we advise allowing a union official or legal representative to make a formal application prior to the hearing beginning before allowing them to represent automatically. This can be done in writing before the hearing or even on the day of the hearing in person. As the employer, you then need to allow or oppose this application.

If the application is opposed, you need to give valid reasons for opposing the application.

The chairperson will then have to make a finding on the application if the union official or representative is allowed to represent.

Representation by outside parties like union officials, lawyers and advocates can get extremely complicated. Want to know more about representation of outside persons? Contact your nearest SEESA Labour Legal Advisor. Alternatively, leave your contact details on our website, and a SEESA representative will contact you.



ABOUT THE AUTHOR

Gysbert Janssen started his career at SEESA in 2017. He is currently a Labour Legal Advisor at the SEESA Cape Town branch. He is a High Court Admitted Attorney.

RESOURCES:

RULES FOR THE CONDUCT OF PROCEEDINGS BEFORE THE COMMISSION FOR CONCILIATION MEDIATION AND ARBITRATION.



Camembert baked in puff pastry with raisins and pistachios

By: Sam Linsell, Drizzle and Dip

This is a delicious festive dish that can be served as a starter snack or cheese course. You can prepare the cheese in advance up to the point where it is wrapped in pastry, then seal and place in the fridge until you are ready to bake. Serve it as soon as it comes out the oven with toasted baguette slices or any cracker. Garnish with roasted grapes (optional).

Recipe - serves 4-6 people

Ingredients:

- 1/2 cup of raisins and sultanas
- 1/4 cup full cream sherry
- 1 bay leaf (optional)
- 3 Tbsp Cherry preserve (or other good quality berry preserve)
- Freshly ground black pepper
- 1/2 tsp of thyme leaves roughly chopped
- 1/4 cup shelled pistachios
- 250gm puff pastry
- 250gm – 350gm wheel of Camembert or wedge of Brie
- Beaten egg
- Toasted slices of baguette to serve (or any cracker)



Instructions:

- Put the raisins, sherry, and bay leaf into a small pot and place it on low heat. Allow the raisins to heat through and the sherry to evaporate. About 3 minutes. Add the preserve, thyme, and a grind of black pepper and stir to combine. Cook for a further minute or two. Take the pot off the heat, add the pistachios, and allow the mixture to thicken and cool.
- When you are ready to bake the Camembert, preheat the oven to 180C.
- Take the thawed but still cool puff pastry out of the fridge and place it on a floured surface. Roll it a little thinner if necessary and thoroughly wrap the cheese. Place this piece of pastry on a lined baking sheet.
- Place the wheel of Camembert or Brie in the centre of the pastry. Remove the bay leave and spread the raisin and pistachio mix over the cheese.
- Brush the inside of the pastry with a beaten egg, pull each corner of the pastry over the cheese ensuring you wrap it up as tightly as possible. You want to almost create a pulled-up bag shape around the cheese. Overlap each piece at the top and ensure the sides are well sealed.
- Bake for 30 – 35 minutes and until the pastry is golden brown and puffed up. Garnish with roasted grapes and serve with toasted baguette slices.

*To roast the grapes, place a few small bunches of seedless red grapes on a baking tray and drizzle lightly with olive oil. Toss about and bake in the oven before you bake the cheese or alongside it for about 10 minutes.





Borge betrokkenheid by Raisins SA 2024

Deur: Madene Conradie, Raisins SA

Raisins SA se hoofinkomste bestaan uit die statutêre heffing wat vanaf produsente verhaal word.

In 2022, was 40% van ons totale inkomste verkry vanaf addisionele befondsing

SIEN ONS ALGEMENE JAARVERSLAG HIER:



Eerstens, wil ons vir al ons borge hartlik dankie sê vir die bydraes wat julle maak en die insette wat julle jaarliks tot die industrie lewer. Julle maak ons hande sterk, en maak dit werklik moontlik om inligtingsdae teen geen koste vir ons produsente aan te bied, asook om inligting te versprei.

Daar is twee opsies om betrokke te raak as 'n borg by Raisins SA, naamlik:

1. GALA borg (kostegids, gala, landboupraatjie)
2. CLA – Collaborating •Learning •Adapting (simposium, industrie statistieke publikasie, velddae)

Beide borgskappe gee op verskeie Raisins SA funksies/ platvorms blootstelling aan die borge, en borge kan besluit by watter een van die opsies hulle betrokke wil raak (ook welkom op by albei betrokke te raak!).

UITEENSETTING VAN BEIDE BORGSKAPPE

Raisins SA Sponsorship Proposal



Raisins SA CLA Sponsorship Proposal



Kontak asseblief vir madenec@raisinsa.co.za vir enige navrae in verband met betrokkenheid by Raisins SA.

Borgskappe vir die gala moet asseblief teen 1 Maart 2024 bevestig wees, en borgskappe vir die CLA opsie teen 1 Junie 2024.

ONS SIEN UIT OM (WEER) SAAM MET U TE WERK IN 2024!

Baie dankie aan ons

Gala Borge vir 2023



Platinum



Goud



Silwer



Brons

Bydraer



Baie dankie aan ons CLA



Borge vir 2023

Thompson



NEDBANK

Flame



OR Sultana



C. Steinweg Bridge

Agri Forwarding



Kalender

Januarie 2024

*Tentatiewe datums wat steeds kan verander

JANUARY 2024



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1 NUWEJAARSDAG	2	3 Raisins SA kantore open	4	5	6
7	8	9	10	11	12	13
14	15	16	17 Skole begin kwartaal 1	18	19	20
21 VK trade trip - OR	22 VK trade trip - OR	23 VK trade trip - OR	24 Albert Strever - plantmateriaal @ VAMF? VK trade trip - OR	25 VK trade trip - OR	26	27
28	29	30	31 Gert Engelbrecht verjaar RSAMP opvang vergadering @ 16:00	1	2	3



Kalender

Februarie 2024

*Tentatiewe datums wat steeds kan verander

FEBRUARY 2024



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30	31	1 FFA direksieverg @11:00	2	3
4	5	6	7	8	9	10 Pearle Liebenberg verjaar
11	12	13	14	15	16	17
18	19	20	21 CULDEVCO @09:00	22	23	24
25	26	27 SAPO @09:00 HORTFORUM @14:00	28 TRANSCOM MEETING	29 TEGNIESE KOMITEE VERG	1 RSAMF - vinnige opwong	2



Kalender

Maart 2024

*Tentatiewe datums wat steeds kan verander

MARCH 2024



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	1 RSAMF - vinnige opvang	2
3	4 FOODEX JAPAN	5 FOODEX JAPAN	6 FOODEX JAPAN	7 FOODEX JAPAN	8 FOODEX JAPAN	9
10 Pieter Roos verjaar	11 Peter Kuilman verjaar	12	13	14	15	16
17 Johan Karsten verjaar	18	19	20 Skole sluit kwartaal 1	21 MENSEREGTEDAG	22	23 Natascha Hamman verjaar
24	25	26	27	28 NUUSBRIEF 1	29 GOEIE VRYDAG Marius Kruger verjaar	30



Kantoornuus

Lucian Fredericks

Dit is met 'n swaar hart dat ons afskeid neem van Lucian Fredericks.

Lucian was aanvanklik aangestel as 'n intern gedurende DALRRD se "graduate program" 2020.

Na sy twee jaar internskap, was hy permanent aangestel as Junior Landboukundige, en het hy 'n baie groot bydrae tot die R&D span gemaak.

Ons wens hom alle voorspoed toe op sy pad vorentoe, as agronoom by Mouton Citrus in Citrusdal.





Raisins

South Africa

Databasis

Vir 'n bedryf om optimaal te funksioneer, is dit van kardinale belang dat alle lede so goed ingelig moontlik is.

Verskeie platvorms word gebruik om inligting te versprei, met die twee vernaamste metodes e-pos en WhatsApp groepe.

Indien u slegs e-posse ontvang en ook op 'n WhatsApp groep wil wees, of omgekeerd, kontak asseblief vir



Madene epos



079 862 9752



NOTA

Indien u kontakbesonderhede verander, of indien u miskien weet van 'n rosyneprodusent wie nie inligting ontvang nie, sal dit hoog op prys gestel indien u die inligting aan Raisins SA kan deurgee.



Kontak ons

Groenpuntweg 9, Kantoor 1, Keidebees • 054 495 0283 • www.raisinsa.co.za

Ferdie Botha

Hoof Uitvoerende Bestuurder



ferdieb@raisinsa.co.za



+27 84 800 6610

Simoné Oliphant

Transformasie Bestuurder



simones@raisinsa.co.za



+27 71 814 2055

Stefan Jordaan

Agri Spesialis



stefanj@raisinsa.co.za



+27 82 305 1555

Madene Conradie

Inligting en Kommunikasie Bestuurder



madenec@raisinsa.co.za



+27 79 862 9752

Dr Andries Daniels

Navorsing en Ontwikkelingbestuurder



andriesd@raisinsa.co.za



+27 79 585 4277

Percy Jooste

Voedselveiligheid en Kwaliteit



percyj@raisinsa.co.za



+27 82 318 9455