

Champion yields through strong beginnings.

Seeds | Science | Service



Maragogi*

- Vroeë kortdag-ui
- Ferm met klein wortelaanhegting
- Geskik vir die varsmark



Bondi Brown

- Intermediêre dag-ui
- Uitstekende opbrengspotensiaal
- Ideaal vir die varsmark
- Uitstekende gehalte



Buzios*

- Medium kortdag-ui
- Goed aangepas vir produksies in die Noord-Kaap
- Ideaal vir die varsmark
- Medium-vroeg kultivar



Makalu

- Vroeë intermediêre dag-ui
- Geskik vir die varsmark
- Medium tot dun nekgruotte
- Uitstekende opbrengspotensiaal





12



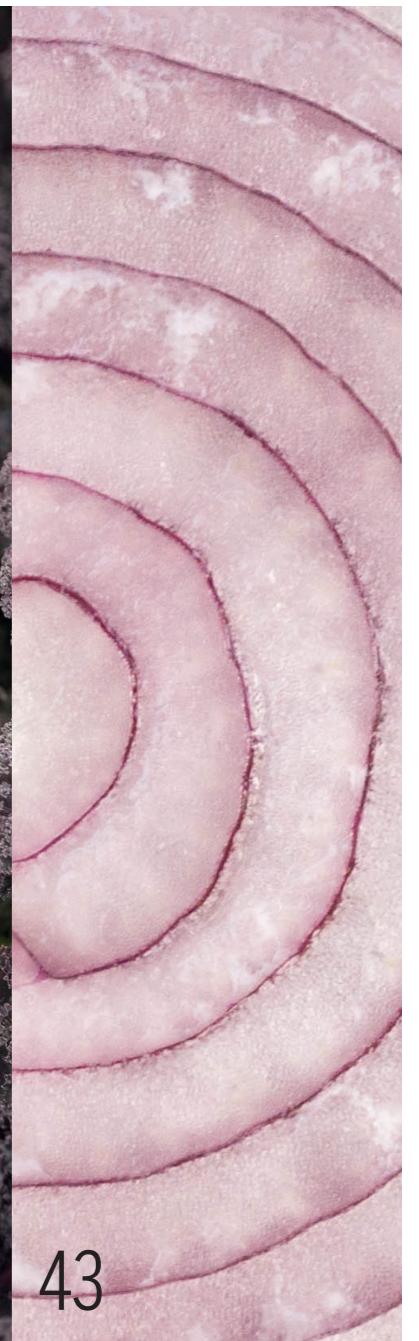
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Disclaimer: The information in this newsletter is presented in good faith and Nuvance (Pty) Ltd. does not accept any legal liability in terms thereof. Disease resistances referred to in this newsletter are indicative of the cultivar's tolerance, not its resistance. Varieties listed throughout this newsletter, marked with *, indicate that the cultivar is currently undergoing trials and will thereafter be considered to be submitted for registration. The product information and descriptions in this newsletter are correct at the time of going to press. Pictures displayed in this newsletter only indicate the kind and not the actual specific variety.



editorial

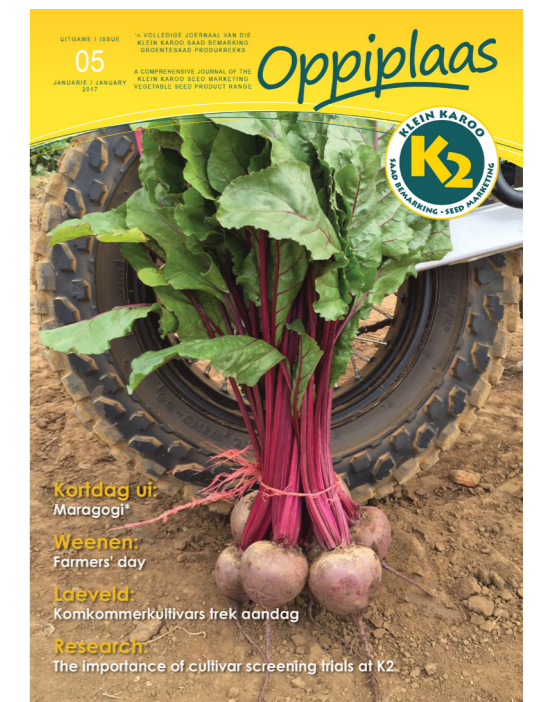
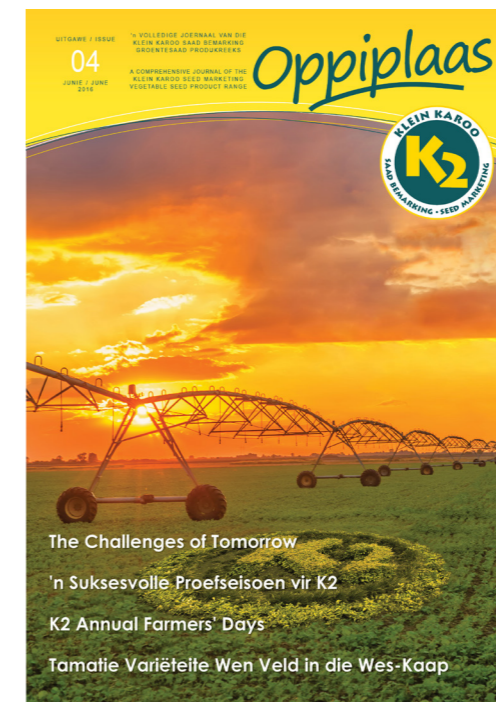
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As part of the newly launched Nuvance (Pty) Ltd. vegetable seed company on the 1st of October 2018, the bi-annual journal “Oppiplaas” has also received a facelift. Over the past number of years, Oppiplaas magazine has established itself as a popular publication, which not only brings you the latest news, views and success stories, but also tries to keep you up to date with the challenges facing the vegetable grower’s community. The magazine now has a fresh new look that will bring to life the articles, images and success stories from farms across the country.

Since its inception in 2014, Oppiplaas magazine has undergone several changes, but what hasn’t changed is that Oppiplaas offers our customers news, advice and the latest developments previously as Klein Karoo Seed Marketing, and now as Nuvance, free of charge. Nuvance takes pride in this magazine tackling the various challenges vegetable growers are dealing with on a daily basis. The name “oppiplaas” or “on the farm” is at the core of the magazine’s identity, as we will continue to include the numerous success stories from farms across South Africa. Our features and profiles will continue to tell the unique stories of our customers, helping other growers to learn from their experiences.



The new Oppiplaas will become more integrated into the Nuvance website and other social media channels, making it more accessible for our Nuvance growers/customers than it has ever been.

A digital version of the magazine will be available online, allowing you to read it on your laptop, tablet or mobile phone.

The content of the Oppiplaas magazine should benefit you our customer and we therefore always value any feedback and/or suggestions from our readers. 🎯

advancing beyond the basics

article by eugene muller

Known today as “the all-in-one seed distributor”, Klein Karoo Seed Marketing (K2) has evolved to become a leading independent African seed company that offers a wide range of quality seed to growers across the continent. K2’s current focus is mainly on the South African and SADC territories with local operations in South Africa, Zambia and Zimbabwe. Through its owners, Zaad, who also has interests in several international seed companies (operating in over 60 countries), K2 is well connected globally.

As we continually strive to advance the business, we are proud to introduce to you Nuvance (Pty) Ltd. Nuvance is a wholly owned subsidiary of K2, and intends to bring its clients the latest advancements in the industry. Nuvance will have a distinct focus on the supply of high quality vegetable seed, professional services and support to growers to benefit both our existing and future customers. Nuvance is blessed to have incredibly knowledgeable employees with a passion for what they do – “proudly from Africa for Africa”. We are committed to passionate alliances through service excellence and a deep knowledge of business in agriculture.

‘proudly from
africa for africa’

Mutually beneficial relationships with our stakeholders are vital to our existence. Solid relationships with our suppliers also afford Nuvance the opportunity to present our clients with a comprehensive product range. Nuvance will be the sole distributor of vegetable seed from Bejo Zaden, De Groot en Slot and selected Seminis varieties in South Africa and selected territories. With Nuvance’s seed- and service offering, we would like to contribute towards sustainability of our clients who in turn play an integral part towards food security.

With an ever-increasing global population, there is most certainly a growing demand for food. As a supplier of inputs into the food production sector, we believe this to be an exciting sector with enormous opportunities to both ourselves and our clients. Success however, is in the detail and at Nuvance we continually invest in research to remain abreast of the latest trends and challenges to remain relevant and competitive. To achieve this, we recently commenced trials inside our new 5,000 m² state of the art greenhouse complex.

This modern facility (and a trial farm near Brits) allows us to identify and continually introduce new varieties, ensuring that we remain relevant through providing the best possible vegetable varieties to you - our clients. Just one of the ways Nuvance is committed to go beyond vegetable seed.

The challenges faced by the agricultural industry also seem to continually increase and Nuvance intends to work together with its growers to ensure that we make a positive difference on the farm. We would also like to believe that our growers, through faith, don’t allow insecurity to cloud their resolve. One thing always rings true – when we have hope, we have everything. For those in pursuit of success with vegetables, Nuvance is the locally owned vegetable seed distributor that offers service excellence, a wide range of relevant and quality vegetable seed and customised solutions. Nuvance, as part of K2, is driven by celebrating shared success and our team of trusted advisers are looking forward to be of service. 🌱

Nuvance – beyond vegetable seed!



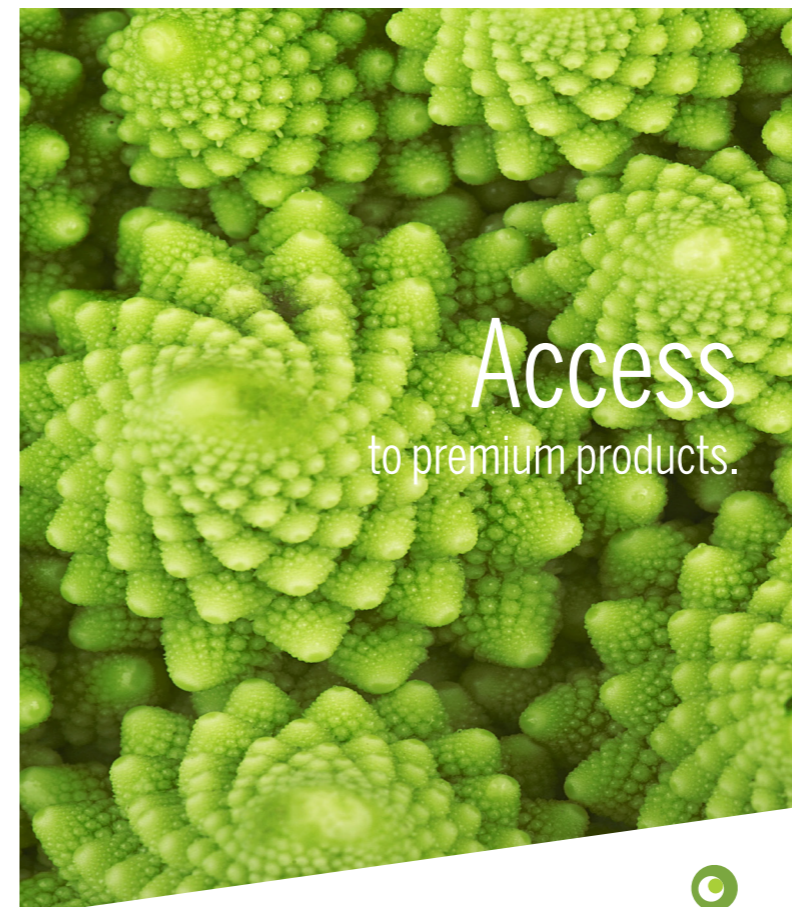
Sukses
is in die detail.

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Access
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Advancing
beyond the basics.

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Klein Karoo Saad Bemarking (K2 Saad) staan vandag bekend as die “alles-in-een saadverskaffer” en het tot 'n toonaangewende onafhanklike Afrika-saadmaatskappy ontwikkel wat 'n wye verskeidenheid gehalte saad aan produsente oor die vasteland bied. K2 Saad se huidige fokus is hoofsaaklik op die Suid-Afrikaanse en SAOG-gebiede met plaaslike bedrywighede in Suid-Afrika, Zambië en Zimbabwe. Deur sy eienaars, Zaad, wat ook belange in verskeie internasionale saadmaatskappye het (in meer as 60 lande), is K2 Saad wêreldwyd goed verbind.

Aangesien ons voortdurend daarna streef om die besigheid te bevorder, is ons trots om u bekend te stel aan Nuvance (Edms) Bpk. Nuvance is 'n volfiliaal van K2 Saad en beoog om sy kliënte die nuutste vordering in die bedryf te bring. Nuvance sal 'n duidelike fokus op die verskaffing van hoë gehalte groentesaad, professionele dienste en ondersteuning aan produsente hê tot voordeel van ons huidige en toekomstige kliënte. Nuvance is geseën om ongelooflik kundige werknemers te hê, met 'n passie vir wat hulle doen - “trots van Afrika vir Afrika”. Ons is verbind tot passievolle alliansies deur uitstekende diens en 'n diep kennis van sake in die landbou.

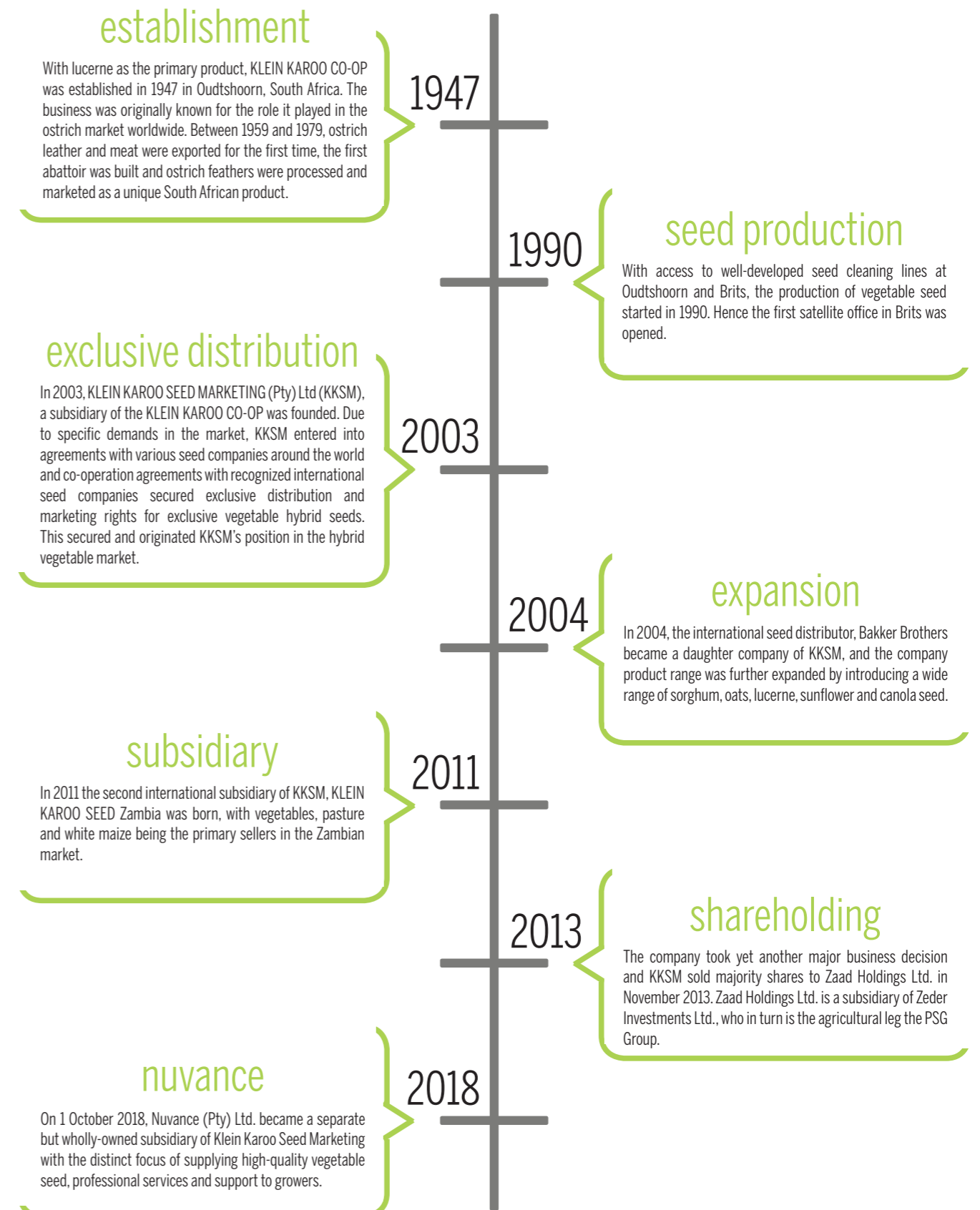
Wedersyds voordelige verhoudings met ons belanghebbendes is noodsaaklik vir ons bestaan. Vaste verhoudings met ons verskaffers bied ook Nuvance die geleentheid om ons kliënte 'n omvattende produkreeks aan te bied. Nuvance sal die enigste verspreider van groentesaad van Bejo Zaden, De Groot en Slot en sekere Seminis-variëteite in Suid-Afrika en geselekteerde gebiede wees. Met Nuvance se saad- en diensaanbod wil ons graag bydra tot die volhoubaarheid van ons kliënte, wat weer 'n integrale rol in die bereiking van voedselsekureitheid speel.

Met 'n toenemende wêreldbevolking is daar beslis 'n groeiende behoefte aan voedsel. As 'n verskaffer van insette in die voedselproduksiesektor, glo ons dat dit 'n opwindende sektor is, met enorme geleenthede vir onself en ons kliënte. Sukses is egter in die besonderhede en by Nuvance belê ons voortdurend in navorsing om op hoogte te bly met die nuutste tendense en uitdagings om sodoende relevant en mededingend te bly. Om dit te bereik, het ons onlangs proewe begin in ons nuwe kweekhuiskompleks van 5 000 m². Hierdie moderne fasiliteit (saam met 'n proefplaas naby Brits) stel ons in staat om nuwe variëteite te identifiseer en voortdurend in te stel en te verseker dat ons relevant bly deur die beste maontlike groentesoorte aan U - ons kliënte - te bied. Net een van die maniere waarop Nuvance toegewyd is om “meer as net groentesaad” te bied.

Die uitdagings wat die landboubedryf in die gesig staar, blyk voortdurend te styg en Nuvance beplan om saam met sy produsente te werk om te verseker dat ons 'n positiewe verskil op die plaas maak. Ons wil ook graag glo dat ons produsente, deur geloof, nie toelaat dat onsekerheid hul vasbeslotenheid ontmoedig nie. Een ding is altyd waar - wanneer ons hoop het, het ons alles. Vir diegene wat suksesvol is met groente, is Nuvance die plaaslike groentesaadverspreider, wat dienslewering bied, 'n wye verskeidenheid toepaslike en kwaliteit groentesaad en persoonlike oplossings. Nuvance, as deel van K2 Saad, word gedryf deur die begeerte om gesamentlike suksesse met ons kliënte te vier en ons span van vertroude adviseurs sien uit daarna om van diens te wees. 🌱

Nuvance – meer as net groentesaad!

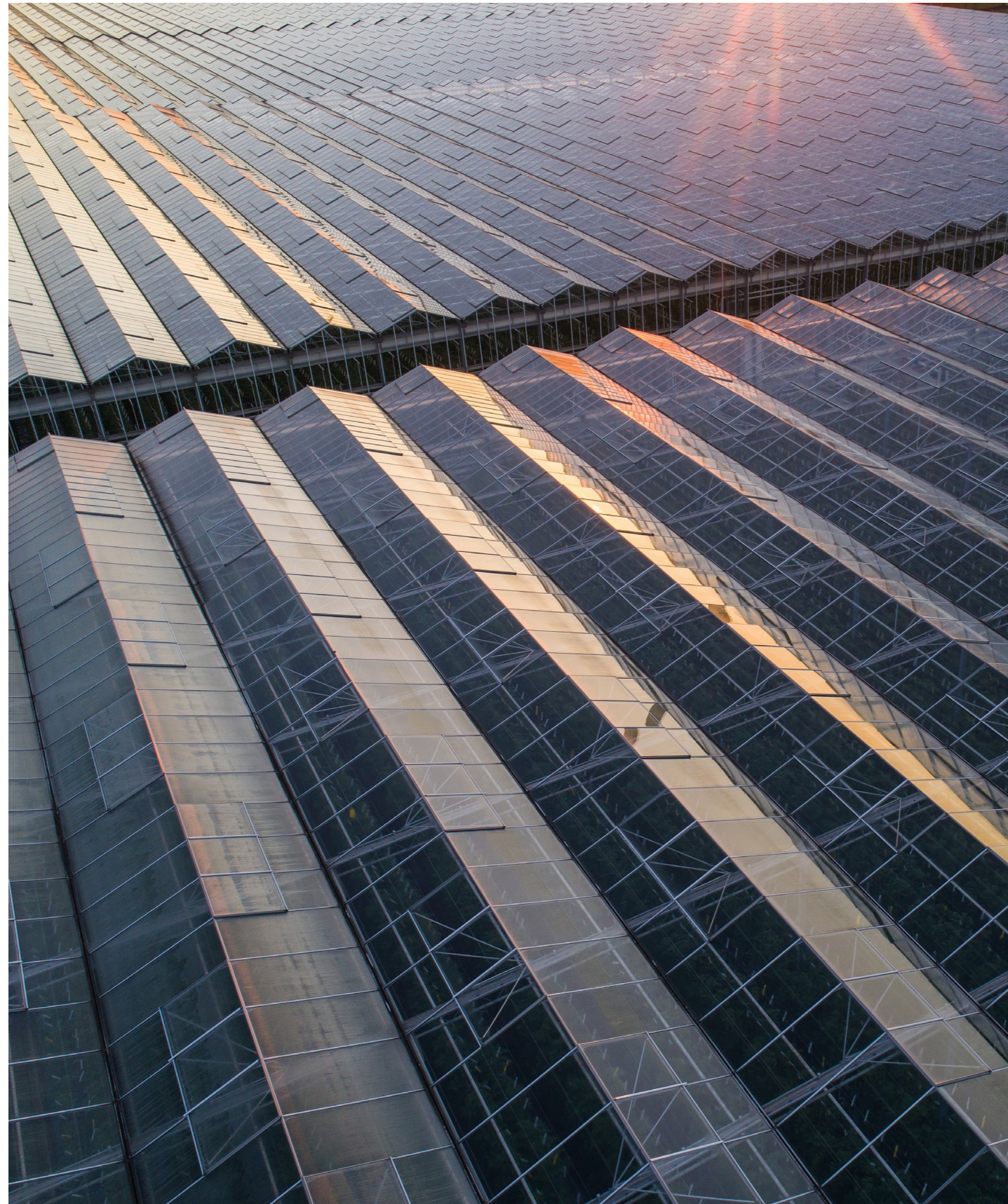
**‘trots van afrika
vir afrika’**



seed valley for development of seed varieties and technology

research

article by dr quintin muhl



What Silicon Valley means for IT and software is what Seed Valley means for the development of plant varieties and seed technology. You'll find the most innovative green fingers in the Netherlands. Companies in Seed Valley develop new flower and vegetable varieties: improved varieties that give higher yields, are resistant to drought, or which are suitable for modern cultivation methods.

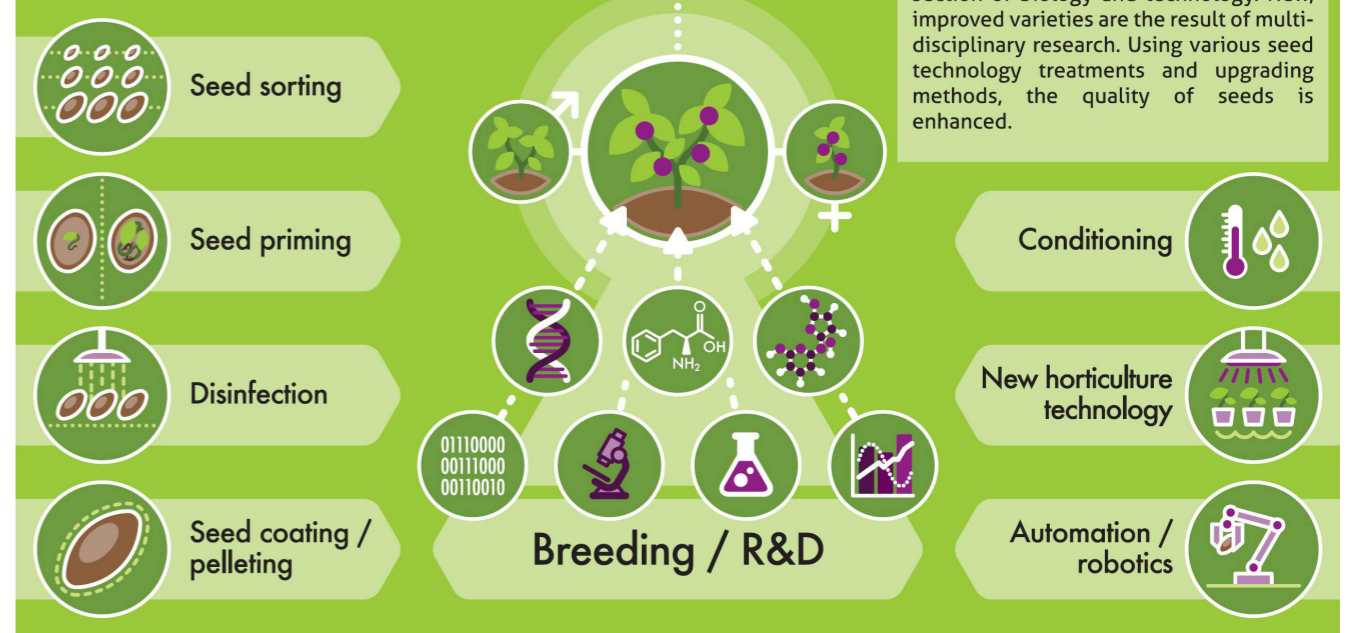
Seed Valley in the northwest of the Netherlands is the international centre of plant breeding and seed technology. It is home to dozens of innovative companies that develop high-quality vegetable and flower varieties for the horticultural sector. All major seed companies are collectively focusing on the future and want to position Seed Valley as a sustainable, vital, high-quality and innovative business sector - a fascinating sector to work in, a sector which contributes greatly to the economy and which is located in an attractive living environment. Nuvance is proudly associated with four of these international seed companies currently based in Seed Valley, namely Bakker Brothers, Bejo, De Groot en Slot and Seminis.

Seed Valley is where 'green software' is developed, the genetic programming that determines how vegetables taste, the colour and size of a flower, and a plant's level of resistance to diseases. Here, specialists work continually on new plant varieties with higher yields and optimum growth under specific climate conditions. From the Seed Valley region, plant reproduction material and associated technology is exported to customers worldwide, contributing to a healthy and flowering world. Research findings by Wageningen University show that Dutch companies that produce agricultural and horticultural seeds and seedlings rank among the world's top, in terms of turnover, trade and innovation.

Many of the sector's biggest producers are based in the Netherlands, which partly accounts for the strength of the country's farming and food sector. On average, the companies invest some 15% of their turnover in research and development. The figure represents one of the highest R&D turnover percentages in any sector, including the pharmaceutical industry. Nearly 40% of the global trade in agricultural and horticultural seeds comes from the Netherlands, the report states. Through our partnership with these significant industry role-players, Nuvance offers growers across Southern Africa the latest varieties and seed of the highest quality.



TECHNOLOGY PACKAGED AS A SEED





En van die moeilikste vrae van produsente aan die begin van 'n hidroponiese produksiesiklus is hoe om 'n kunsmisprogram saam te stel. Plante benodig 14 belangrike elemente in die wortelsone om optimale groei en produksie te waarborg. Gelukkig is meeste plante só aangepas om in 'n wye reeks van verskillende nutriëntkonsentrasies te kan groei, wat beteken dat 'n suksesvolle produksie onder verskillende resepte haalbaar is.

Sleutel faktore vir programseleksie:

i. Water Analise

Dit is uiters belangrik om te begin met waterontleding van 'n betroubare labrotorium. Die drie belangrikste eienskappe is alkaliniteit (pH), EC asook die konsentrasie spesifieke elemente teenwoordig.

Alkaliniteit is die vermoë van die water om suur te neutraliseer, alkaliniteit word

aangedui in ppm (dele per miljoen) in die vorm van kalsium karbonaat (CaCO_3). Hoe hoër die kalsiumkarbonaat, hoe meer is die pH geneig om te fluktueer in die mengsel. Waterbestande alkaliniteit speel 'n belangriker rol as pH. Sodra die alkaliniteit uitslae beskikbaar is, is dit makliker om 'n program uit te werk deur net meer gebruik te maak van groter proporsie suurder stikstof vorms en suur byvoeging tot die mengsel om pH te verlaag.

ii. EC (Elektroniese konduktiwiteit)

EC is die totale oplosbare soute wat belangrike elemente asook potensieel skadelike elemente soos soute insluit. EC is dus 'n indikator van waterkwaliteit. EC moet verkieslik 0.25 mS/cm wees om te verhoed dat soute in die sisteem opbou. Die enigste manier om dit te verhoed is om op 'n gereelde basis die sisteem te (bloei of 'backwash').

iii. Elemente

Die alkaliniteit van die water het 'n direkte invloed op die opname van voedingselemente. Daar moet ook gelet word op die vlakke van kalsium (Ca), magnesium (Mg) en swael (S), en die program so aan te pas sodat die elemente wel beskikbaar is vir plantopname in die kunsmisprogram en/of sisteem. Die kwaliteit van jou besproeiingswater sal uiteindelik bepaal watter kunsmisprogram gevolg moet word. Goeie kennis van die water kwaliteit maak dit net soveel makliker om die regte program op te stel wat optimale groei en opbrengs vir die spesifieke gewas sal verseker.

Dit is dus altyd beter as 'n nuwe produsent om eerder 'n standaard program te volg veral die basiese groei en dan later met meer ondervinding te kyk na groeistadium spesifieke programme in die produksiesiklus. 🌱

Access to premium products.
Seeds | Science | Service



SV 5047 CE*

- Plants have a very open structure
- Suitable for winter production
- Vigorous plants with short internodes
- Excellent fruit set
- Cylindrical and straight fruit
- High tolerance to Cca, Ccu
- Intermediate tolerance to CVYV, CYSDV, CMV, Px



Hoplita*

- Vigorous plant
- Ideal for the summer months, but does also perform well during winter in the Lowveld
- Medium large fruit
- High tolerance of CVYV and Ccu
- Intermediate tolerance of CYSDV, Px, Cca

new introductions to our iceberg lettuce range article by dr quintin muhl

For the past 18 months, we have trialled over 30 different lettuce varieties from Bejo every couple of weeks throughout the entire year, in different locations as part of our lettuce time-slotting trials. From the results, we have been able to identify new varieties best suited for both our South African summer and winter production periods to ensure continuous availability. In our Iceberg segment, we are very excited to have identified two new varieties namely: Bejo 22-090/Novice* (summer lettuce) and Bejo 26-144/Vibice* (winter lettuce).

Last year, Bejo 26-144/Vibice* was really put to the test at our experimental farm near Bapsfontein as temperatures there plummeted well below freezing every night during the winter months. Even here Bejo 26-144/Vibice* showed tenacity and withstood the cold. This variety has a lovely shape, good size head and long harvest window.

'new varieties identified, suitable for south african production periods'

Bejo 22-090/Novice* on the other hand was identified as a variety best suited for the summer segment with high resistance to the following Bremia races BL16-19, 21-22, 24-31EU. This variety did particularly well in the Brits area during the hot summer months with excellent bolting resistance.

Both these varieties have nice large heads best suited for the fresh market. Besides the typical iceberg lettuces, these trials also include various butterhead, lollo, batavia and oakleaf types due to the increasing popularity of fancy lettuces. The last few years Bejo has invested a lot in lettuce and have considerably expanded their assortment. Bejo continuously develops its breeding and research activities in lettuce to maintain a fresh look at lettuce.

Interested in lettuce varieties suitable for your market? Please contact your nearest Nuvance depot and/or sales representative. ●

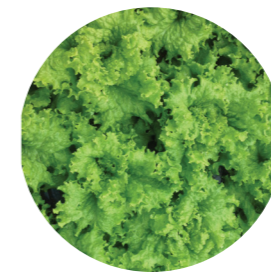


Sukses is in die detail. Saad | Wetenskap | Diens



Delphina

- 'Iceberg/crisp head' slaai
- Mediumgroen kleur
- Medium kopgrootte
- Geskik vir die vars- en voorafverpakte mark
- Geskik vir somer- en herfsproduksies
- Goeie toleransie teen poeieragtige meeldou



Rainbow

- 'Frisly' slaai
- Goed aangepas vir herfs, winter en lente aanplantings
- Geskik vir die vars- en voorafverpakkings-mark
- Liggroen interne kleur
- Medium-groot koppe



SV 4896 LC

- Geskik vir somerproduksies
- Geskik vir die vars- en voorafverpakte mark
- Goeie skudblare, veldhouvermoë en siektetoleransie



Pinotage

- 'Oakleaf' slaai
- Goed aangepas vir herfs, winter en lente aanplantings
- Rooigroen interne kleur
- Oesgareed na 45 tot 60 dae

Tydens die 2018 groeiseisoen is daar menigte suikermielie proefaanplantings van beide kommersiële asook splinter nuwe kultivars in die noorde van Suid-Afrika gedoen. Hierdie het ook “screening” proewe ingesluit, wat uitgevoer is deur Nuvance (K2 Saad) se navorsingsspan.

Tydens hierdie proses is verskeie nuwe kultivars aangeplant oor verskillende aanplantingsdatums. In hierdie spesifieke geval was daar 12 kultivars geplant oor drie verskillende aanplantingstydperke. Elke kultivar is geplant oor 'n afstand van 10 m. By elke aanplanting het die proefaanplantings dieselfde behandeling ontvang wat aan die standaard kultivar toegedien is.

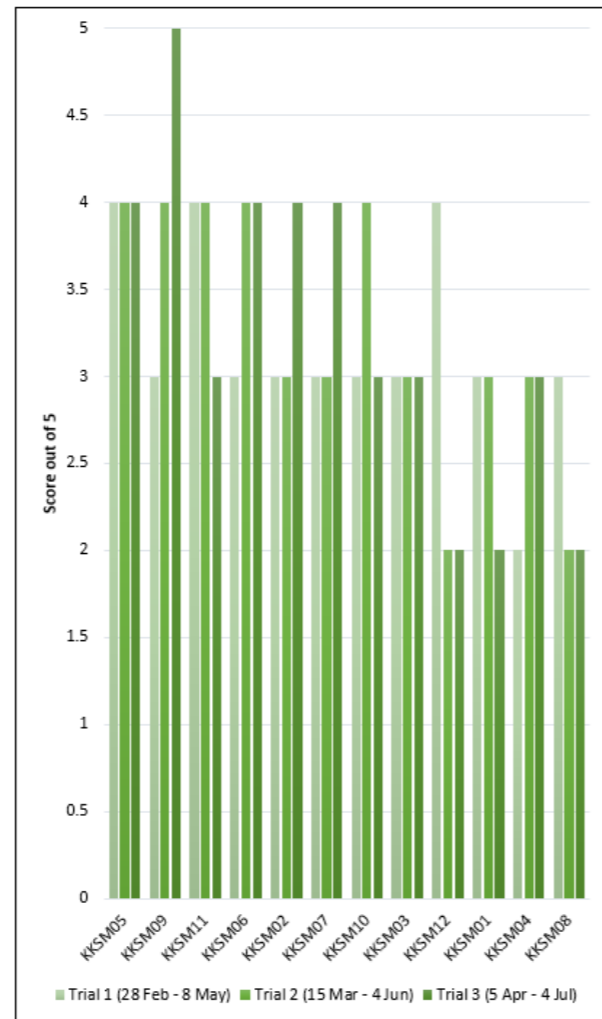
Hierdie “screening” proewe maak staat op die konsep van eliminasië. Nadat elke aanplanting voltooi is, word 'n sekere hoeveelheid kultivars uitgekie, afhangende van prestasie. Die uitgekose kultivars word dan fyn dopgehou in die daaropvolgende proewe. Die data word ook gebruik om die uitgekose kultivars na die tweede fase van proewe te bevorder. Hierdie wyse van proefwerk stel ons in staat om nuwe kultivars objektief te beoordeel en nuwe kultivars in die mark te vestig.

Die aanplantings was as volg:

Aanplanting nommer:	Kliënt:	Proeftydperk:
1	Koos Boshoff	28 Februarie - 8 Mei 2018
2	Carlow Boerdery	15 Maart - 4 Junie 2018
3	Koos Boshoff	5 April - 4 Julie 2018



Die onderstaande grafiek toon die prestasie van die verskillende kultivars oor die drie aanplantings. Elke kultivar is beoordeel volgens 'n gewasspesifieke evaluasievorm wat verskeie aspekte van die gewas beoordeel. Die prestasie van die standaard kultivar word ook in ag geneem wanneer beoordeling geskied.



‘Hierdie wyse van proefwerk stel ons in staat om nuwe kultivars in die mark te vestig’

Advancing beyond the basics. Seeds | Science | Service



Messenger*

- Vigorous plant
- Ideal for the summer months, but does also perform well during winter in the Lowveld
- Medium large fruit
- HR: CVYV and Ccu
- IR: CYSDV, Px, Cca



SV 1514 SK*

- Very high yield potential
- Excellent husk cover
- Strong root and stalk structure
- Ready to harvest 81 - 85 days after planting
- HR: RpG;
- IR: Pst,MDMV/SCMV

Growers and partners from across the globe were invited to explore Bejo's vegetable crops and new varieties during their annual Open Days in Warmenhuizen, the Netherlands from Tuesday 25th to Saturday 29th September 2018. The various activities and attractions, included guided tours, symposiums and crop presentations. During these days, Bejo shared their research and innovation results and once again visitors experienced Bejo at its best.

Many new varieties with improved external characteristics, disease resistances, storage quality and taste were on display for the first time in the demonstration fields. Highlights included the new carrot variety Aranka* and the kale variety Bejo 3055*. In the lettuce assortment, six new varieties were also in the spotlight. In the innovative fruit crop tunnel, Bejo presented a varied assortment, including tomatoes, peppers and gherkins.



bees, b-mox and businesses

Beekeepers demonstrated the importance of bees and Bejo's activities in bee breeding as well as bee health. In the product tent, attention was drawn to the seed-enriching B-Mox in carrots and rooted parsley. The mechanisation exhibition once again offered visitors the opportunity to gain extensive knowledge of the latest developments in this sector.

B·MOX | A STRONG START
FOR EVERY SEEDLING



TASTE, HEALTH & INNOVATION 2018 – BRUSSELS SPROUTS SYMPOSIUM

On Tuesday 25 September, Bejo hosted the “Taste, Health & Innovation 2018 – Brussels Sprouts symposium” an inspiring and informative event for growers of sprouts from around the world. A wide variety of Brussels sprouts could also be seen in the demonstration fields.

On Thursday 27 September, Bejo hosted the “All about young plants symposium”, specifically aimed at international plant growers. Attendance of both events was unfortunately by invitation only.

experiencing bejo via tours, app and escape room

The Bejo staff was tremendously helpful to assist and inform visitors, whilst a virtual escape room gave visitors a sneak peek into the world of some of Bejo’s disciplines. Visitors could also partake in a Research Centre and/or Seed Quality Tour, while the Bejo Experience App provided them with descriptions of new varieties and the unique ability to add their own notes and comments.



For more information, latest innovations and news from this year’s Bejo Open Days, please visit their social media channels using #BZOD18.

PURPLE POWER

This year, Bejo introduced the Purple Power concept; purple vegetable varieties with a high level of vitamins and antioxidants. Purple sprouting broccoli ‘Burgundy*’ is a unique variety that grows in 70 days from transplant. Moreover, the shoots of this purple sprouting broccoli can be fully harvested within a week. And how about that beautiful deep-red Manzu* beetroot with *Rhizomania* resistance and Purple Sun* carrots for the fresh market? Both of which are already available from Nuvance. Rasmus* stood out as the first 100% male purple asparagus. A selection of purple-coloured varieties were also used in their cookery demo, where flavour was the central theme.

PURPLE POWER

Bejo’s new cabbage concept ‘Coolwrap’ and the ‘Cool Carrot Candy’ tasty carrots as well as innovative ideas for the supermarkets and food processors for the marketing of kohlrabi and Brussels sprouts were also on display.

Oplossings gedryf deur advies. Saad | Wetenskap | Diens



Subeto*

- Medium-vroeg volwasse kultivar
- Regop groeiwyse
- Uistekende somerkultivar
- Geskik vir die varsmark
- Hoë toleransie teen blaarvlek



Bettollo

- Aangepas vir koeler klimaat
- Ideaal vir die verpakkingsmark
- Bettollo het goeie toleransie teen blaarvlek



Manzu*

- Oesgereed na 80 tot 100 dae
- Geskik vir die verpakkings- en bossiemark
- Goeie toleransie teen *Rhizomania*



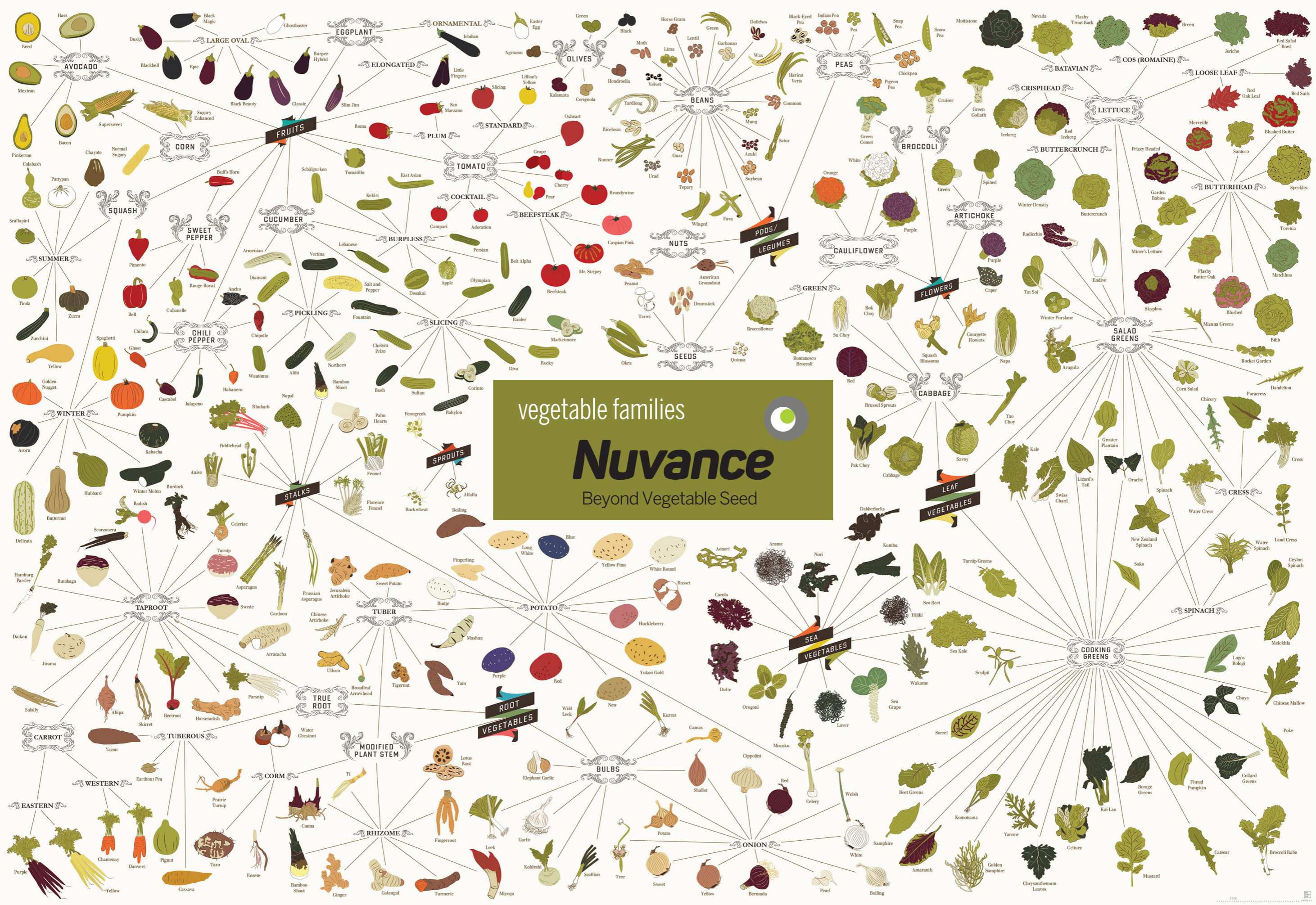
Boro

- Goeie toleransie teen blaarvlek
- Uitstekende somerkultivar
- Boro is geskik vir die verpakkingsmark

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vegetable families
Nuvance
Beyond Vegetable Seed



innovations and remarkable vegetable varieties at the bakker brothers open days 2018

industry

article by dr quintin muhl

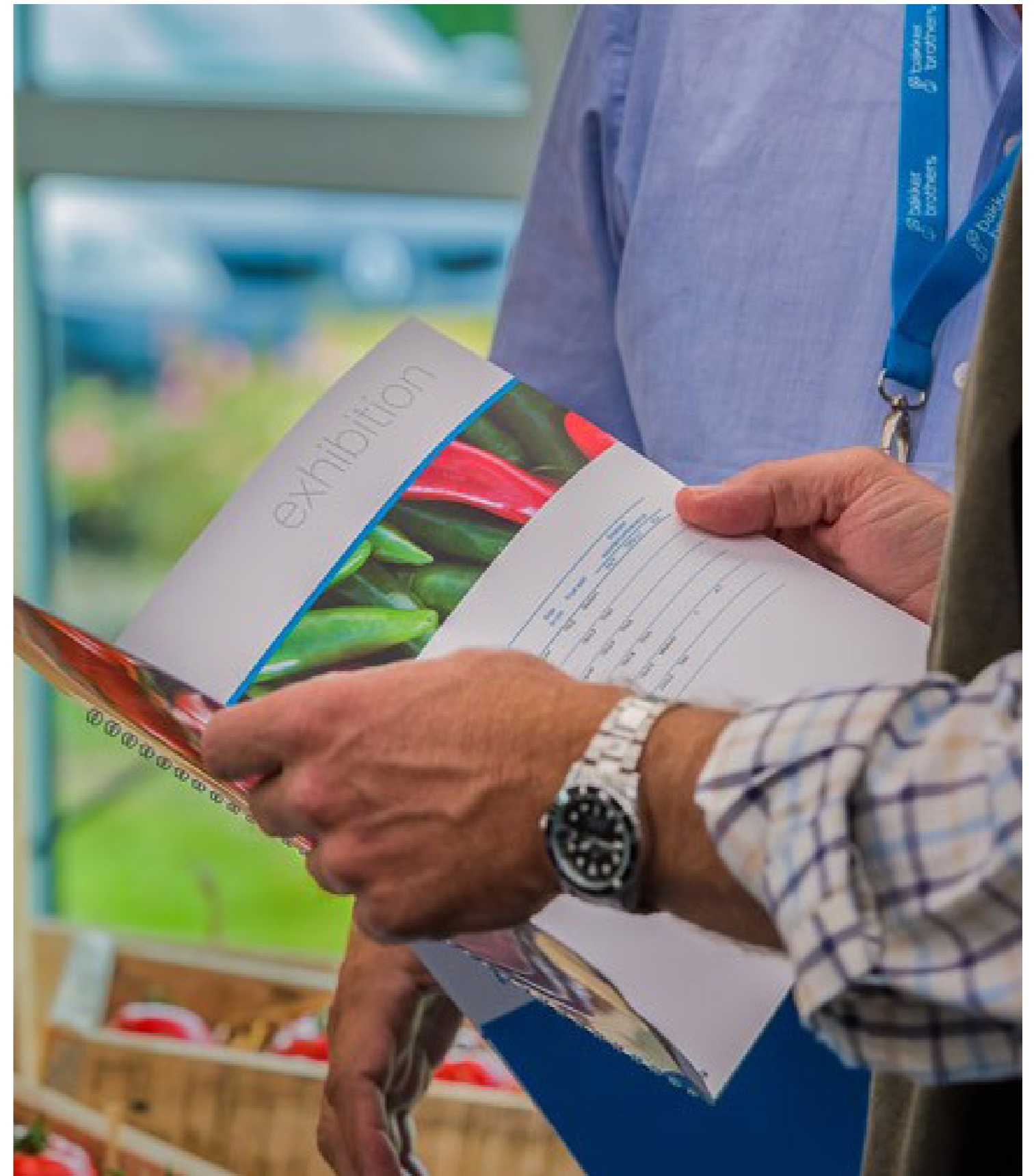
Bakker Brothers put together a selection of their latest open field and indoor assortment for both fresh- and processing markets across their targeted distribution areas and it was once again a showstopper. New varieties in beans, sweetcorn and carrots took centre stage during the annual open days of Bakker Brothers in Noord-Scharwoude, from 25 to 28 September 2018. Professionals in the vegetable seed sector worldwide were introduced to a range of novelties in seed breeding, production and distribution.

This year's open days - with the theme 'Proud heritage. Bright future.' - were all about inspiration and knowledge exchange. From 09:00 to 17:00 daily, there were guided tours by their cultivation specialists and sales team for clients and business relations from all over the world. They could admire new varieties in beans, sweetcorn and carrots on the demo fields with vegetable varieties suitable for both fresh market and the processing industry. Plantings included both well-known, commercially available varieties as well as new varieties providing a glimpse into the new developments within Bakker Brothers' range. In the exhibition space, crops from the Middle East, Africa and southern Europe, regions where Bakker Brothers is active were on display. There was also a demo in the greenhouse with indeterminate tomatoes, hot peppers, peppers, stick beans and eggplant.



'range of strong bean varieties expanded'

In the range of strong bean varieties for the processing industry, Bakker Brothers added a number of new varieties. Two important varieties are Caledonia* and Elba*, which guarantee a high percentage of very fine, nicely grouped beans (6.5 - 8 mm) with excellent quality. Both can be sowed under difficult conditions and have a good return. For the fine beans (8 - 9 mm) the very early variety Tempo* (90 days) is recommended. This bean has excellent results and produces quality pulses with a beautiful uniform colour. In the fine segment, the Saba* and Lavezzi* varieties are winners for the fresh market as well as for industry. Both varieties have a good potential return and are real all-rounders.





global stage for home-grown onions

article by dr quintin muhl

industry

The entire assortment De Groot and Slot's onion, shallot and garlic range could be viewed in one of the stands during the Bejo open days. Not only did it include varieties cultivated in the Netherlands, but also varieties from all over the world, including South Africa. The various varieties are grown in different climates and are intended for different markets and target groups.

For the past number of years K2 Seed has cultivated numerous of De Groot and Slot's commercial varieties just outside Brits which were then harvested, bagged and shipped to the Netherlands where they were on display during the annual Bejo open days. This year's shipment of 23 varieties from South Africa included amongst others the popular Maragogi*, Buzios* and Makalu.

celebrating our heritage and bright future

90 Years ago, in 1928, the company Gebroeders Bakker Zaadteelt en Zaadhandel, was started by two pioneering brothers. This year they are celebrating the vision, development and success of this venture. They dived into the past and found some historical pictures and relics of those days gone by. A small photo presentation was part of this year's open days to let visitors in on the celebration.



De Groot en Slot



Advancing beyond the basics.

Seeds | Science | Service



Sorbetto*

- 'Mini-plum' fruit type
- Average fruit weight of 25 g
- Brix 8-10
- Deep red colour
- Tolerant to ToMV and Fol: 0,1



Dolcetto*

- Bright red grape-shaped cherry tomato
- Average fruit weight between 10 to 15 g
- Brix 10
- Tolerant to ToMV en Fol: 0,1



SV 6112 TH*

- Indeterminate tomato
- Suitable for open field and undercover production
- Excellent maturity and fruit quality
- Good disease package



Teccadade*

- Early round determinate tomato
- Bright red with medium to thick fruit walls
- 180 to 220 g average fruit weight
- Tolerant to Verticillium, Fusarium wilt 1,2 and 3 ,TMV and tolerant to TYLCV
- Long shelf life

Dear Valued Customer,

As we recently communicated, Bayer has successfully completed its acquisition of Monsanto and we are pleased to inform you that we will now begin our integration journey. Today, we bring together our talented teams and leading portfolio to offer more choices for farmers. Working with our customers and partners around the world, we are completely committed to developing smarter ways to grow more healthy crops that are more environmentally and economically sustainable. We would like to take this opportunity to underscore our commitment to working together with you.

Why are we combining two great companies into one? Because we want to take agriculture to the next level and find better solutions to farmers' challenges than those we have today. Everything is evolving, from the agronomic conditions that impact farmers' crops to the technology needed to get them out of the ground and achieve a successful harvest. With a broad technology platform and our combined team of talented scientists, we will deliver more innovation, faster to the field – and more value to our customers and partners.

While we work to integrate our two businesses, you should expect the same level of service and commitment we've always delivered. Our goal is to avoid any disruption for our customers, and we encourage you to maintain relationships with your existing Bayer and Monsanto networks. We are committed to keeping you updated as we grow closer together. Your success is our success, and we aim to ensure a smooth transition for everyone involved.

We know we are ultimately measured by the value we are able to deliver to our customers. Therefore, we invite your feedback on how we can be a better partner and supplier. Please share your feedback with your local representative or via yourquestions@Bayer.com.

We appreciate your business and look forward to continuing to work with you.

Sincerely,

Liam Condon

President

Crop Science Division – Bayer AG

Brett Begemann

Chief Operating Officer

Crop Science Division – Bayer AG

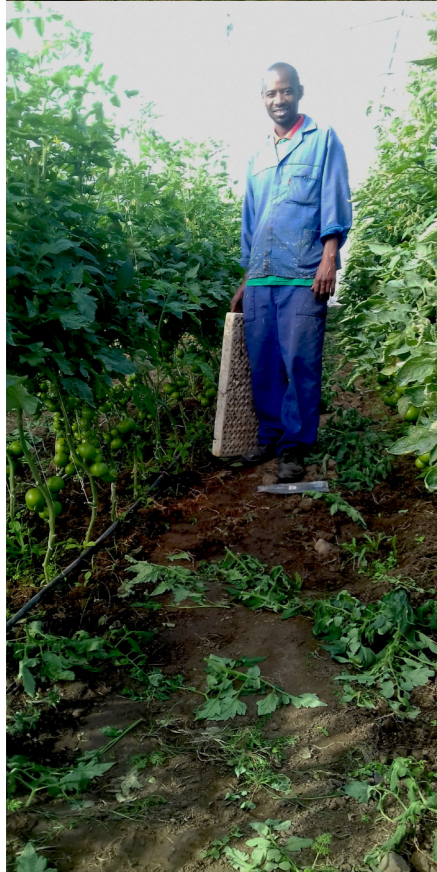
Nuvance

Beyond Vegetable Seed

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inspired by work ethic and not land expropriation

article by howard champ



Farmers, land owners as well as a whole range of businesses that are either directly or indirectly linked to the agricultural industry in South African are in a spin about their future at the sound of the new buzzword: “land expropriation”

As a vegetable sales representative, I have had the opportunity to listen to the concerns and interpretations of people from all walks of life on my travels, from the small-scale farmers in the Transkei, commercial farmers in the private sector to the professors who claim to have the solutions. As an ex-Zimbabwean tobacco farmer, I fully understand their concerns, especially as there are so many variant interpretations on the government’s proposed “land expropriation without compensation”.

It’s very easy to fall into the trap of stressing about such uncertainties and as a result start neglecting the farm business operations. Despite all this, I was inspired by one of our newest clients in the Bathurst area. Mr Samuel Chitura, a humble entrepreneur with big dreams, approached the Bathurst municipality to enquire about an abandoned piece of municipal land on the outskirts of town. The four steel frame tunnels are all that remain of what seems to have previously been a hydroponic vegetable production venture. I say previously, because what remained was basically only bent steel and shredded plastic cover. The municipality agreed that if he would do the necessary repairs that he could make use of this overgrown property. Isn’t it ironic that across South Africa there are countless “projects” such as this, that were funded by government with good infrastructure only to be abandoned and left to ruin and yet there is a push for land expropriation.

Mr Chitura initially contacted us for advice on seed selection as he had plans to grow an assortment of vegetables to supply the neighbouring town and township. He had a plan and an immense amount of determination. When I first went to visit him, it was quite disheartening to see the state of the site. But after only a short discussion with him, I realised through his enthusiasm that the potential was infectious. Through the various contacts of K2 Seed, we have partnered with Mr Chitura to get supplies, advice and of course the right seed to kick start his vision.

To date, two of the four available tunnels have been repaired and planted with tomato (SV4129TH*) and sweet pepper (SV6131PB*). He planted the seedlings directly into the soil and whilst he is about to start reaping a bumper tomato harvest, he is already busy repairing the next tunnel.

As this is an admirable achievement in itself, the fact that he is doing all the work by himself makes him even more commendable. Despite the challenges such as wild animals coming to munch on his recently planted seedlings before he could finish the cover repairs, he has done most of the work on his own. I often visit unannounced and will find him busy attending to his crops. The only other support he receives is his Brother Khambi in Cape Town who assists financially. We at Nuvance remain committed to partnering with growers like the Chitura brothers and making their vision a reality, a new generation of inspired farming. 🌱

Champion yields through strong beginnings.

Seeds | Science | Service



Batavia

- Medium sized broccoli
- Grey-green colour
- Suitable for spring to mid summer production



Basan

- Excellent quality
- Strong plant with upright growth habit
- Suitable for the fresh and processing market



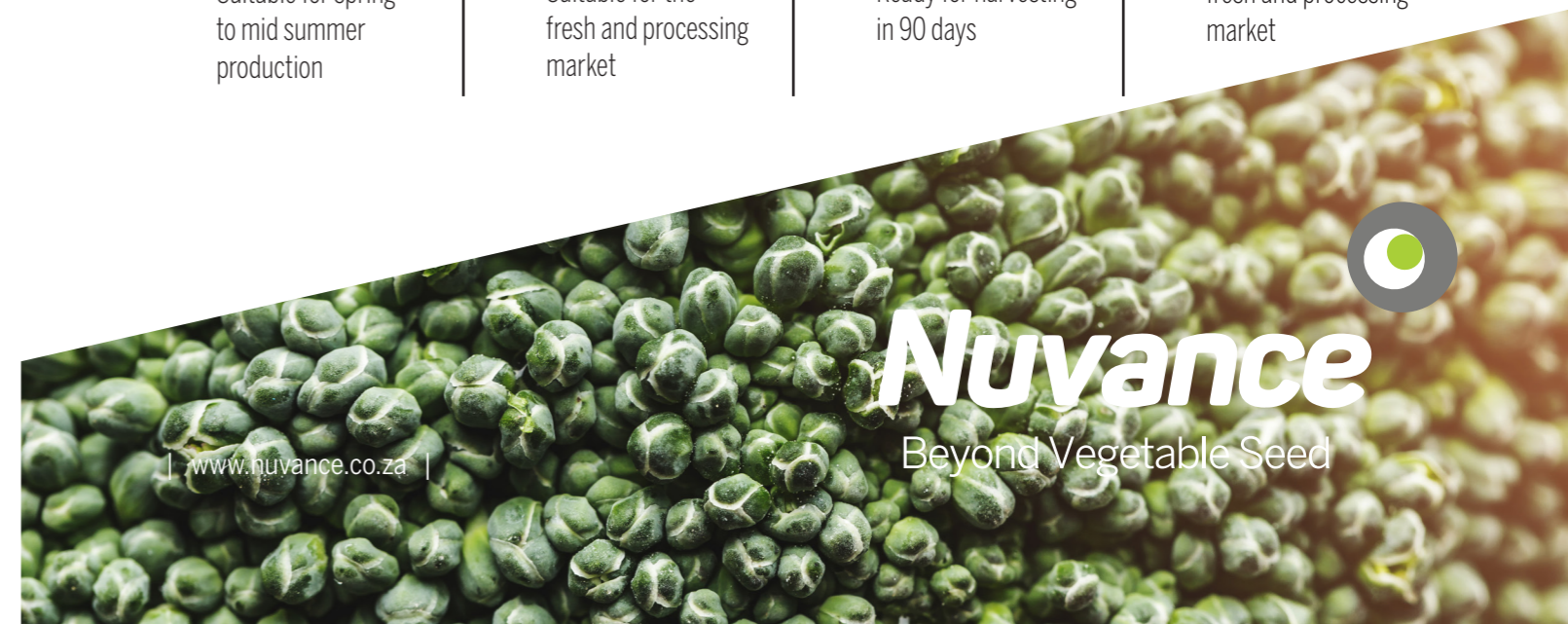
Skywalker

- Suitable for the fresh market
- Good head protection
- Ready for harvesting in 90 days



Covina

- Produces medium to dark green heads
- Suitable for the fresh and processing market



Nuvance

Beyond Vegetable Seed

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veggie price movements since december 2016

We take a look at the latest price data published by Statistics South Africa and compare the price movements of various types of veggies sold in South Africa, and find that the price of cauliflower increased by more than any other type of veggies in South Africa since January 2017. What is interesting to note is the fact that of all the veggies tracked, only pumpkin showed a price decrease since December 2016.

So cauliflower prices increase faster than other veggies?

The line chart below shows the index levels from January 2017. The index levels of all the various types of veggies was set to 100 in December 2016. Essentially any value below 100 shows that price of a specific type of vegetable declined compared to December 2016, and index levels above 100 shows the price increased compared to December 2016. So for cauliflower for example in

July 2018 the index level is 143.5. What that means is that since December 2016, the price of cauliflower has increased by 43.5%

The vegetable type that showed the highest price increase since December 2016 is cauliflower, which has increased by 43.5% since December 2016. That is a pretty strong price especially considering the slowing down in food inflation in recent months. Below a summary of the main vegetable types price increases since December 2016:

- Cauliflower: 43.5%
- Cabbage: 13.8%
- Broccoli: 13.5%
- Tomatoes: 6.8%
- Spinach/morogo: 4.0%
- Pumpkin: -18.7%

The only vegetable type that has shown a price decrease over the time period was pumpkin, which showed a priced decline

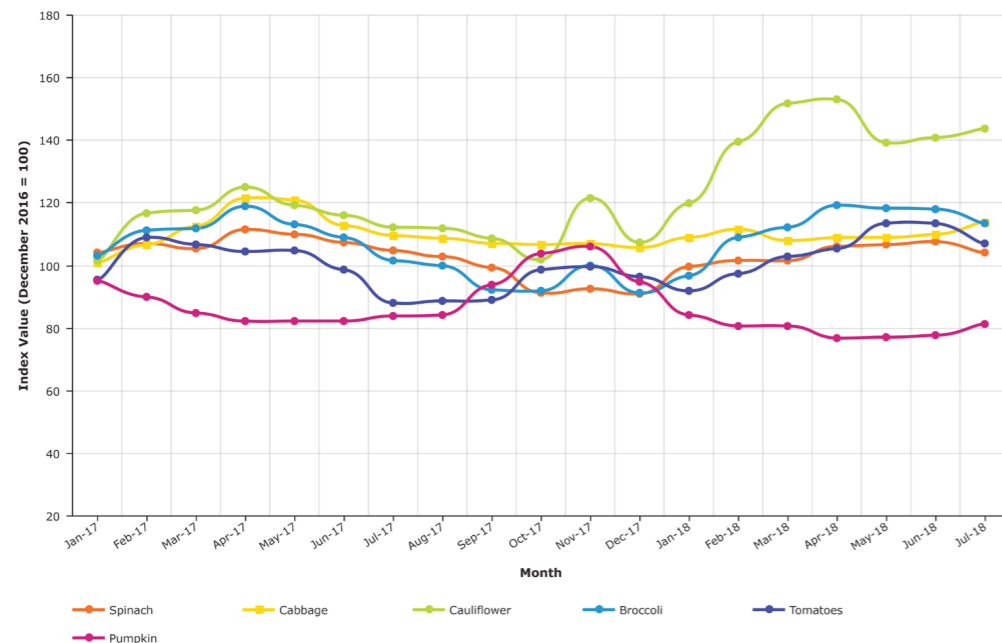
of 18.7%. Basically, pumpkin prices per kilogram is now almost 20% cheaper than it was in December 2016.

Out of every R100 spent by South African consumers, they only spend R0.31. The summary below shows the average amount spent on each of the above veggies for every R100 spent by South African consumers:

- Tomatoes: 0.17
- Cabbage: 0.05
- Pumpkin: 0.04
- Spinach/morogo: 0.03
- Cauliflower: 0.01
- Broccoli: 0.01

So for every R100 South African consumers spend, they spend a mere 17c on tomatoes and just 1c on cauliflower and broccoli.

Price behaviour of various vegetables since December 2016



Veggies price movements since December 2016. South African Market Insights. <https://www.southafricanmi.com/veggies-price-behavior-sa-23aug2018.html>. Accessed 12 November 2018.

Access to premium products. Seeds | Science | Service



Pandion

- Baby cabbage suitable for year round production
- Ideal for the fresh and prepacked markets
- Ready to harvest 60 days after planting



Megaton

- Excellent winter cabbage with large uniform heads
- Ideal for the informal market
- Average head weight of 5 to 8 kg



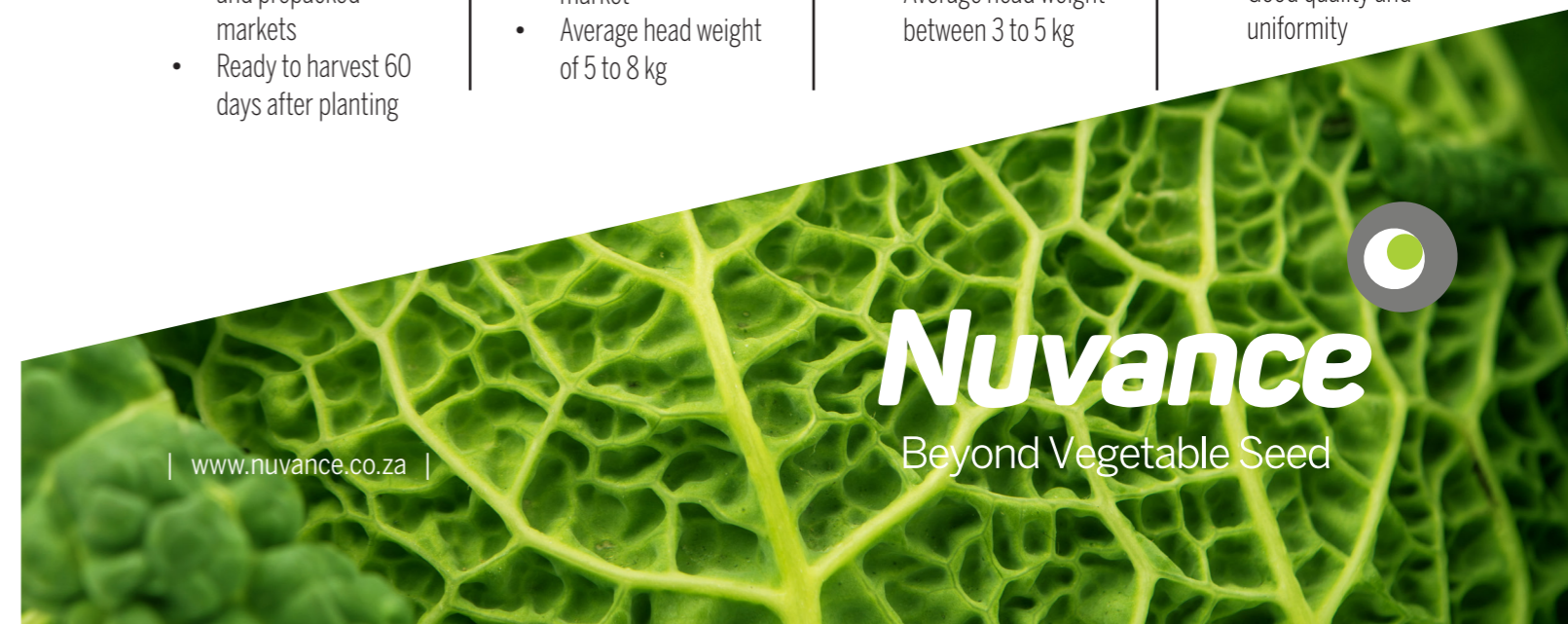
Capture

- Medium sized cabbage
- Good heat and black rot tolerance
- Average head weight between 3 to 5 kg



Menzania

- Large, round and slightly flat shaped head
- Good leaf coverage
- Good quality and uniformity



Nuvance
Beyond Vegetable Seed

kraakvars slaai: groot verskeidenheid kleure, vorms en profiele

produkte

artikel deur anina meyer

Fancy" blaarslaaie het die laaste paar jaar baie in gewildheid onder verbruikers toegeneem danksy die verskeidenheid wat beskikbaar is. In die verlede was verbruikers slegs beperk tot die "iceberg/crisp head" tipe, maar deesdae kan kliënte kies vanuit 'n verskeidenheid kleure, blaarvorms en blaarprofiele.

Die afgelope jaar is verskeie nuwe Bejo slaaie op die George proefplaas aangeplant en geëvalueer. Die slaai is maandeliks aangeplant en geëvalueer ten opsigte van hul geskiktheid vir die verbruiker (smaak, voorkoms en houvermoë) asook vir die produsent (eenvormigheid, opbrengs en siekteweerstand).

Hier is 'n seleksie van dié wat tydens die proewe uitgestaan het.

- BEJO 76-141: Lollo Bionda, goed aangepas vir produksie regdeur die jaar.
- BEJO 76-140: Lollo Rossa, goed aangepas vir produksie regdeur die jaar.
- Oakus: Oak leaf, goed aangepas vir produksie regdeur die jaar.
- Pinotage: Oak leaf, hoë opbrengs regdeur die jaar.
- Sementel: Batavia, dubbel die hoeveelheid blare, produksie regdeur die jaar.
- Myrtel: Batavia, produksie regdeur die jaar.
- Malis: Butterhead, goed vir lenteproduksie.

Pinotage het geen verdere bekendstelling nodig nie, en is bekend vir sy donker dieprooi kleur. Malis is 'n mooi donkergroen butterhead, terwyl Sementel 'n donkergroen Batavia is. 'n Unieke kenmerk van Sementel is die hoeveelheid blare wat met eens gesny kan word. Myrtel se voordeel is, dat hy dwarsdeur die jaar goed presteer het. 🌱



did you know?

Lettuce has spread to many areas of the world. The ancient Egyptians first used lettuce seed around 6,000 years ago to produce oil. Paintings and other images of lettuce have been found in ancient Egyptian tombs. Wild lettuce was a weed that grew in the Mediterranean and the Middle East. An agriculturist writing in 50 AD described lettuce, and it has appeared in recipes written in 16th century France.

The Latin name is *Lactuca sativa*. 'Lactuca' means 'milk forming'. When the stem or midrib is cut, a sticky white milk oozes from the wound. *Sativa* simply means 'common'. Popular in parts of Europe, butter lettuces have a velvety, soft texture and usually make some sort of head, although not in all cases. At the same time, loose-leaf lettuces are becoming more popular in home gardens. They reach the harvest stage quickly, and by picking the lower leaves and then moving on to the next rosette, you can utilize one planting for months.

Lettuce is an excellent source of vitamin A (the greener the leaves, the more vitamin A present). Depending on the variety, lettuce is also a good source of vitamins C and K (important for helping your blood to clot) and folate. Lettuce also contains minerals such as potassium (which helps to regulate blood pressure), manganese (involved in the regulation of brain and nerve function), copper and iron (essential for red blood cell formation).

Mnr J. Rossouw van AS & W Pretorius boerdery in Louis Trichardt, by 'n aanplanting van Del Oro. AS & W Pretorius boerdery plant al menigte jare net van Nuvance (K2 saad) se kultivars onder andere Primero (rooi babakool), Basan (blomkool), Covina (brokkoli) en Del Oro (slaai). 🌱

Met die verskeidenheid kulture wat ons in Suid-Afrika het, is ons stadig maar seker besig om interessante en lekker geregte in die Suid-Afrikaanse kombuise in te bring. Een so 'n gereg is boerkool of beter bekend as "kale". Nie heeltemal volksvreemd nie, maar die eienaardigheid en hoë voedingswaarde van boerkool speel 'n groot rol in die aanvraag na die gewas. Soveel so, dat boerkool deesdae algemeen beskikbaar is in die meeste kettingwinkels landswyd. Die groeiende aanvraag na boerkool bied natuurlik vir boere die ideale geleentheid om daaraan te voorsien. Een so boerdery is Langhoek Boerdery in die Groot Brakrivier-omgewing. Hulle plant twee van Bejo se kultivaars wat deur Nuvance versprei word, naamlik Darkibor en Redbor.

Darkibor is 'n baie mooi gesonde donkergroen seleksie met fantastiese blaarproduksie en 'n lang oesperiode met 'n gevolglike hoër opbrengs. Redbor is 'n baie aantrekklike donkerrooi/pers, amper swart, seleksie. Huidiglik is die verbruikersaanvraag na groen (Darkibor) groter as rooi (Redbor). Dit is dus vir die produsent van belang om hierdie twee boerkole in die regte verhoudings aan te plant, sodat daar optimaal aan die mark behoefte voorsien kan word. 🌱

did you know?

Curly kale, also called borecole (a word derived from its Dutch name 'boerenkool'), is the latest trend right now. In some countries they immediately associate curly kale with traditional mashed potatoes and kale with sausage. Kale has one of the highest levels of antioxidants of any vegetable, and until the end of the Middle Ages, kale was one of the most common green vegetables in all of Europe.

But now the image has been revolutionized. Curly kale has high nutritional values, which lies perfectly in line with the current consumer trend. Contemporary consumers are mainly using kale in salads and smoothies. It is also popular grilled on the barbecue or processed into crispy chips.

Kale provides valuable cardiovascular support in terms of its cholesterol-lowering ability. The isothiocyanates (ITCs) made from kale's glucosinolates have been shown to help regulate detox activities in our cells which is shown to lower cancer risk. Researchers have also identified over 45 different flavonoids in kale that gives kale a leading dietary role with respect to avoidance of chronic inflammation and oxidative stress.

www.bejo.com/inspiring-food-chain. Accessed: 12 November 2018



Messenger* suikermielie is verlede somer deur Nuvance (K2 Saad) met groot sukses in die Wes-Kaap beproef en die volgende kenmerke maak hom uiters geskik vir die varsmark:

- kwaliteit
- opbrengs
- goeie rակlewe
- uitstaande roes weerstand

Mnr D. Uys te Heidelberg in die Wes-Kaap het die kultivar beproef regdeur die somer en weens die bogenoemde kenmerke vanjaar kommersieel begin plant. Wat hom veral beïndruk het was:

- i. goeie meerkoppigheid (bemarkbare koppe)
- ii. gemiddelde koplengte van 19-22 cm
- iii. goeie skutblaarbeskerming teen voëls



Mnr Uys het vroeg in die lente al Messenger* begin plant terwyl die grondtemperatuur nog nie ideaal was nie, maar hy het nogtans goeie vestiging gekry. Die plantestand wat tans geëvalueer word is 60 000/ha. Die lang koppe wat Messenger* lewer maak hom ook ideaal vir koelweeraanplantings.

Messenger* plante is van medium hoogte, wat die pluk proses vergemaklik tydens die uiters hoë temperature gedurende die Wes-Kaap-somers aangesien pluktyd moorddadig kan raak tussen hoë plante.

Elke suikermielie produsent in die Wes-Kaap kan baat vind deur Messenger* te plant. Kontak gerus jou naaste Nuvance verkoopsverteenvoerder om sodoende te bekom. 🌽



Die nuwe suikermielie van Seminis is die afgelope somer by talle boere in die Limpopo provinsie aangeplant. Onder andere by Carlo Boerdery in Vivo, Overvakte Boerdery naby die Limpoporivier en Mnr Ryno Gouws.

Overvakte Boerdery, het bevind dat SV1514SK* hom perfek daartoe leen om beide aan die vars- asook die inmakersmark gelewer te word. Opbrengste van 18 tot 20 ton per hektaar is hier aangeteken, wat uitstekend is. SV1514SK* is ook

‘opbrengste van 18 tot 20 ton per hektaar is hier aangeteken’

suksesvol aan die Rhodes-inmakersfabriek gelewer.

Mnr Ruaan van Rooyen van Carlo Boerdery, was baie beïndruk met beide SV1514SK* se kopvorming en stronkdikte wat hom geskik maak as ‘n voorafverpakkingssuikermielie. Verder het SV1514SK* ‘n uitstekende soet smaak en mooi kleur.

Ook Mnr Ryno Gouws, het SV1514SK* deel van sy suikermielieaanplanting gemaak en is baie tevrede met sy keuse. 🌽

produkte

SV6131PB* gewild by top soetrissieprodusent

artikel deur heigers campher

Mnr Riebert Pretorius verbou al vir meer as 15 jaar soetrissies, en is sekerlik een van die land se top soetrissieprodusente. Hy glo aan net die beste en het dus verlede jaar SV6131PB* deel van sy plantprogram gemaak. Dié varieteit bied vir hom gemoetsrus dank sy goeie sonbrand toleransie, omvattende siekte pakket en goeie vrug kwaliteit. Ook hier word SV6131PB* met groot sukses in sy nethuise verbou. Hier by een van sy SV6131PB* aanplantings is v.l.n.r Heigers Campher (Nuvance), Basil Smit (Seminis) en Riebert Pretorius. 🌱




Seminis®

Success is in the detail.
Seeds | Science | Service



SV 6131 PB*

- Suitable for open field production
- Excellent leaf coverage for protection against sunburn
- Dark green fruit colour
- Uniform fruit with good leaf attachment
- Vigorous plant
- Excellent disease package



Amarelo

- Green to yellow at maturity
- Medium large fruit
- Excellent quality
- Strong upright plant
- Good leaf cover
- Suitable for open field and nethouse production
- Good tolerance to PVY



Nasco 4505*

- Large square/deep bell
- Very thick wall and firm fruit
- Vigorous plant
- Fresh market and processing
- Uniform fruits
- Average fruit weight 250 g



PS 16351609*

- Tolerant to *Phytophthora capsici*
- Extended harvest periods
- Improved marketable yield



| www.nuvance.co.za |

Nuvance
Beyond Vegetable Seed

vroeg of laat, nuance het 'n ui vir jou

artikel deur olav lange

Vir die afgelope 10 jaar, is Nuance (K2 Saad) in samewerking met De Groot en Slot met die ontwikkeling van uie in verskeie streke regoor Suid-Afrika. Maar nog nooit tevore was daar soveel aanplantings van hulle nuwe kommersiële kultivars in die groter Brits-area as gedurende die afgelope seisoen nie. Aangesien verskillende boere dieselfde kultivars op verskillende tye gesaai het, kon die ideale tydsgleuf van elke kultivar na aanleiding van hulle opbrengste beplaal word.

Maragogi* het weereens getoon dat hy 'n ui is wat 'n vroeë aanplanting (middel Februarie tot middel Maart) verkies. Die feit dat hy ook ten minste twee weke vroeër oesgereed is as enige ander kultivar, maak hom die ideale ui vir boere wat verkies om vroeër aan die markte/kettingwinkels te kan lewer.

Maragogi* is 'n effens ligter ui met 'n sterk wortelstelsel en sy kenmerkende dun nekke, wat maak dat hy baie vinniger uitdroog as sy mededingers. Hy toon ook minimale vergroening. Maragogi*-aanplantings veg noukeurige kunsmis bestuur, omrede sy groter wortelstelsel optimale opname van stikstof tot gevolg het. 'n Laer stikstofbemesting word dus vir Maragogi* aanbeveel. Sy kleiner

blaarstruktuur, bevorder ook lugvloei deur die land wat sodoende fungi-groei beperk.

Buzios* is dié jaar in verskillende tydsgleuwe geproef en dit was ooglopend dat die middel tot einde Maart-aanplantings die optimale tydsgleuf was vir hierdie kultivar. Aanplantings wat gedurende die eerste week van Maart gedoen is, het ook by verskeie boere goeie resultate getoon.

Buzios* is 'n donkerder en fermere ui met 'n dun nek wat weereens verdroging verspoedig. Met die groeiende navraag na bruiner uie op die plaaslike markte gaan Buzios* die perfekte kultivar wees om daardie leemte te vul. Buzios* sal van volgende seisoen kommersieel beskikbaar wees.

Een van die eienskappe van De Groot en Slot uie is dat hulle oor 'n baie sterk wortelstelsel beskik, dus moet die kunsmisprogram só bestuur word dat kultivars soos Maragogi* en Buzios* nie te veel stikstof toegedien word nie. ☉



maragogi*

buzios* beïndruk

artikel deur harry naude



Op 20 Maart 2018 het Jan Roux Boerdery, net buite Louis Trichardt 'n halwe spilpunt van beide ons eie Buzios* asook die markleidende kultivar in die area geplant.

Hierdie aanplanting het weereens 'n paar van die uitstaande kenmerke van Buzios* uitgewys, naamlik:

- Buzios* se baie mooi dun nek
- Mooi bruinkleur
- Goeie fermheid
- Vinnige groeitydperk
- Eenvormigheid
- Uitstekende siekteweerstand.

Soos gesien kan word is Buzios* heelwat vinniger en dus vroeër markgereed as die meeste ander uie.

Die aanbevole tydsgleuf vir aanplanting van Buzios* is vanaf middel Maart tot middel April. Hannes (Donsie) van Jan-Roux Boerdery was uiters gelukkig met dié variëteit en wil graag volgende seisoen 'n groter Buzios*-aanplanting doen. Nie net is hy in sy skik met Buzios* se goeie opbrengs en fisiese eienskappe nie, maar is die tydsgleuf van aanplanting ook baie voordelig vir hom en pas dit goed by sy boerderypraktyk in. ☉

produkte

red wave* maak golwe

A hoewel die aanvraag na rooi uie in Suid-Afrika groei, het dit met minder as 10 % van alle uie-aanplantings nog steeds 'n klein marktaandeel. Dié boere wat wel rooi uie aanplant, kan gerus Red Wave* probeer. Hierdie is 'n wenner vir dié betrokke uemark. Met sy mooi kleur en vorm, staan hy ver bo ander kultivars uit. Red Wave* beskik ook oor 'n bo-gemiddelde wortelmassa en baie goeie eenvormigheid met die voordeel van goeie siekteweerstand. Ook hierdie kultivar is die afgelope seisoen by Jan-Roux Boerdery aangeplant. ☉



nuwe gesigte by nuvance

Richard Hansen het op 4 Junie 2018 as nuwe verkoopsverteenvoerder in die Wes-Kaap by Nuvance aangesluit. Richard het in 2006 aan Hoërskool Hermanus gematrikuleer. Daarna het hy tydens 'n oorbrugings jaar by 'n kwekery gewerk waar hy grootliks bome gekweek en versprei het. In 2008 het hy aan die Elsenburg Landbou Kollege landbou studeer. Na sy gradeplegtigheid in 2010, is terug plaas toe waar hy tot 2018 voltyds met tamaties geboer het.

Ons verwelkom vir Richard by Nuvance, en wens hom alle sterkte en voorspoed toe!



Jacques Louw het op 12 November 2018 as verkoopsverteenvoerder van die Laeveld, by Nuvance aangesluit.

Jacques het grootgeword in Randfontein en in 2005 aan die Hoërskool Jan Viljoen gematrikuleer.

Jacques het 'n passie vir verkope asook die buitelewe en hy sien uit na die nuwe uitdagings wat vir hom voorlê by Nuvance. Ons is seker hy gaan 'n groot sukses hiervan maak.



brits buzios* boeredag

Op 15 Augustus 2018 is boere die geleentheid gebied om 'n kommersieele aanplanting van Buzios* by Mnr Hendrik Kruger van Hendrik Kruger Familie Maatskappy te besigtig. Menigte vooraanstaande uie boere vanuit die Brits omgewing het hier 'n draai kom maak. Groot belangstelling is getoon en die dag was 'n sukses met baie navraag vir volgende jaar se aanplantings.

Buzios* is geskik vir die latere aanplanting in Maart wat ook donkerder vertoon teenoor ons vroeë kortdag-ui Maragogi*. Buzios* beskik oor 'n ongelooflike stoorvermoë met 'n baie ferm bol en dun nek wat uitdroging versnel. Hierdie kultivar was ook twee weke vroeër oesgereed as kompeterende kultivars in die afgelope seisoen.

Buzios* is van volgende jaar kommersieel by Nuvance beskikbaar en sal 'n groot aanwinst wees vir die boer wat 'n effens donkerder ui verkies.



verkoopspan | sales team



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9 - Nothern Cape & North West	Sales Representative	Olav Lange	071 613 8365	o.lange@nuvance.co.za

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Dankie vir u ondersteuning gedurende 2018. Ons wens u 'n geseënde feesseisoen en voorspoedige 2019 toe.

Thank you for your support in 2018. We wish you a blessed festive season and prosperous 2019.



Inside every seed is the potential for an incredible harvest.

- Farrah Gray -

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