



It's What's Next

Sun World Mango Varieties

July 2026



WHAT PRODUCERS WANT

Yield



Dwarfism



WHAT SUN WORLD IS AIMING AT

PHYSICAL ATTRIBUTES

Best Eating Quality:

Stringless (fibreless), best taste and experience for consumers

Blush: 60-70% blush visually, with little green coloration

Small seed: Better ratio between pulp and waste



PERFORMANCE ATTRIBUTES

Yield: Consistent yields (no alternate bearing), year after year in **different climates**

Adaptation to most climates: Capable of performing in both dry and high-rainfall environments

Post-Harvest Storage: Have the looks, can travel, even if for weeks after a good hot bath! **Fruit shape** for easy packing!

SHOULDER SEASON MARKET

Window:
Before Kent / after Keitt

WHERE WE GET IT FROM

Sun World's mango portfolio includes varieties both developed in own breeding programs as well as in collaboration with a global network of mango breeders



SWI U.S. Program

- SWI has been operating its own internal mango breeding program at its Centre For Innovation facility **in Bakersfield, CA since 2021**
- **Sun World also owns the rights to the Kankun** variety & has launched plantings in N. America and now also in South Africa

Internal Breeding Programs



SWI South Africa Program

- **Largest private mango breeding program in South Africa** started in **1995**



SAMGA / ARC South Africa Program

- **Comprehensive mango breeding program** at ARC in South Africa started in **1990**



Partner Programs



Other International Breeders

- **Various IP owners in South Africa & Australia** have licensed mango varieties to Sun World
- **Program** in NT, Australia,
- **Blyde Late** variety discovered in South Africa
- **Private breeder** program in Limpopo, South Africa

WHAT WE'VE GOT – 2026 MANGO PIPELINE

Sun World has 3 commercial mango varieties, 9 advanced selections in pre-commercial global trials, and a strong pipeline of diverse germplasm to sustain innovation over the long term

1423
Seedlings in R&D testing

12
in Advanced Testing

3
Commercial

Pre-Commercial Variety

Sumango 6 A70
Sumango 1 Kankun
Sumango 3 J82
Sumango 8 D70
Sumango 7 C2
Sumango 9 F10
Sumango 4 G47
Sumango 5 F20
Sumango 10 Q54

Maturity Window

Early
Early
Early-Mid
Mid-Late
Mid-Late
Mid-Late
Mid-Late
Late
Late

Commercial Variety

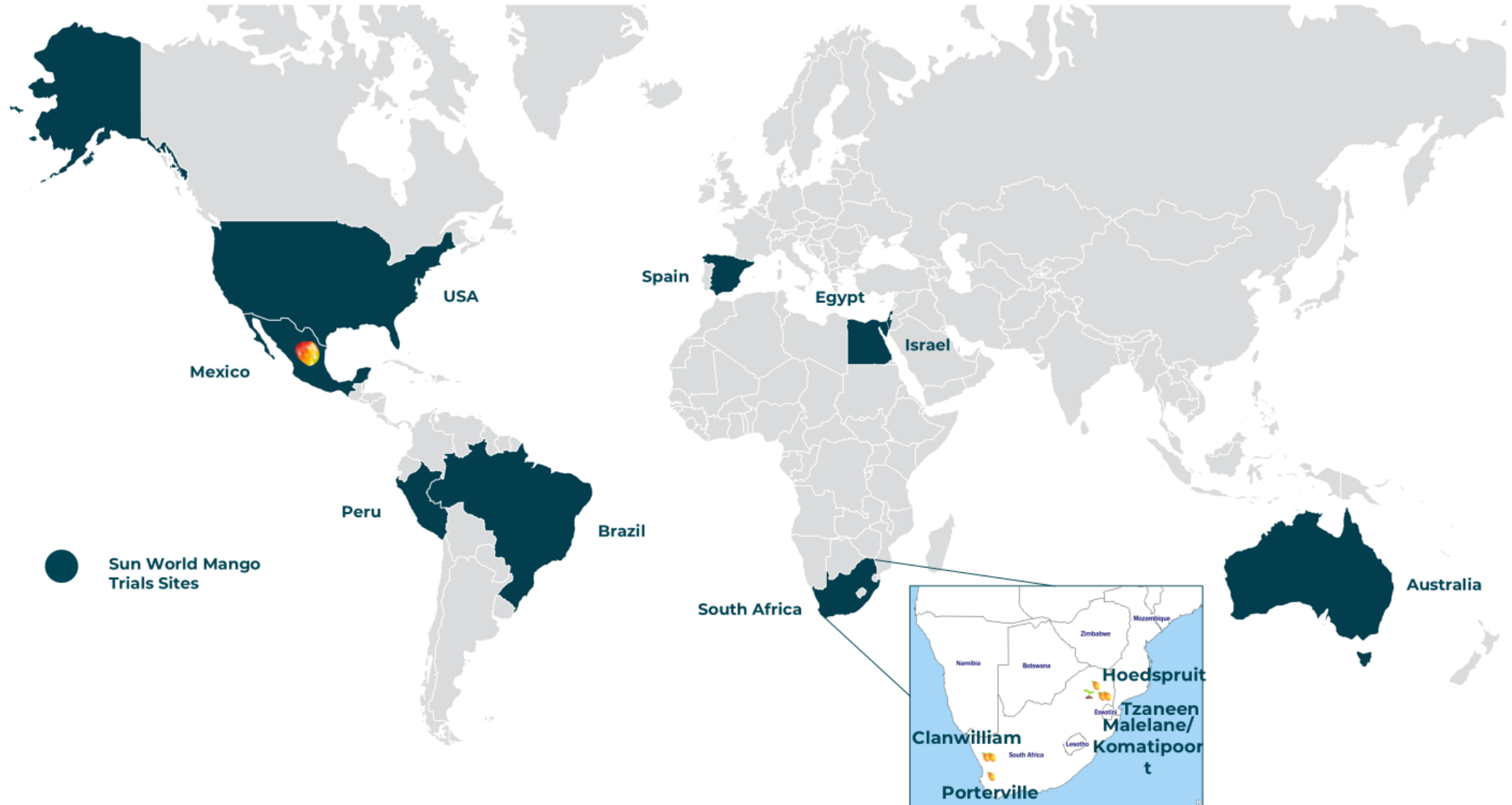
Lady Jane RA17
Sumango 2 D34
Blyde Late

Maturity Window

Early
Early
Ultra Late

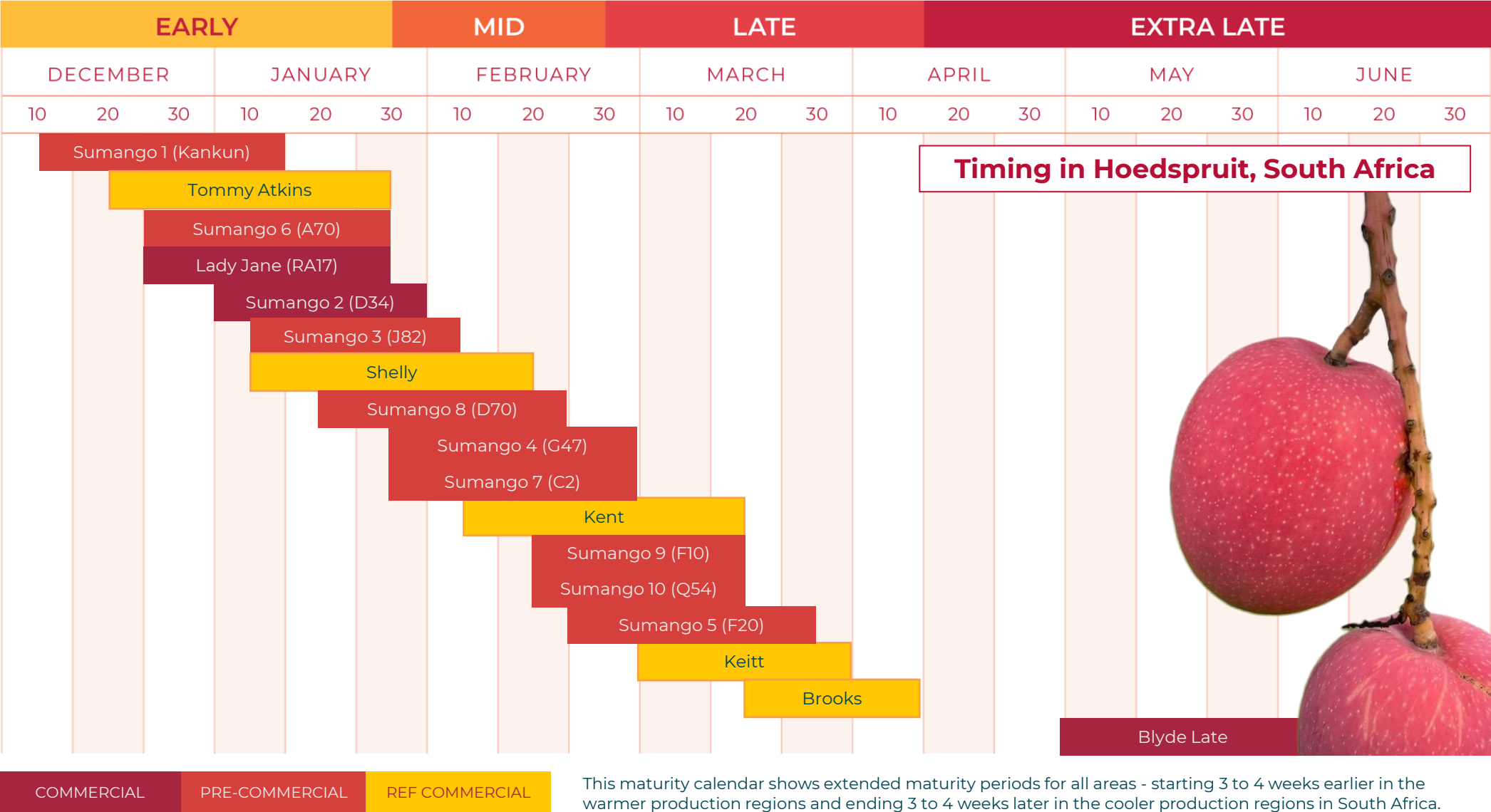
SUN WORLD MANGO TRIAL LOCATIONS

There are 8 countries where we currently have Mango trials or plan to in the next 12 months



WHERE IT FITS – MANGO SEASONALITY

Approximate maturity periods of SWI pre/semi-commercial selections vs reference commercial cultivars



HOW DO WE SHARE – SUN WORLD LICENSING MODEL

In each country, there are three main participants in the Sun World value chain



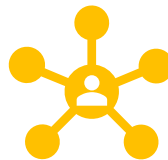
The diagram illustrates the Sun World Licensing Model. A large yellow circle on the left is labeled 'Sun World Global Licensing Program'. Three lines extend from the right side of this circle to three smaller white circles, each containing a yellow icon. The top circle has a plant icon, the middle one has a network icon, and the bottom one has a farm icon. To the right of each icon circle is a text block describing the role. In the bottom left corner, there is a small illustration of two oranges with green leaves.

Sun World Global Licensing Program



Authorized Nurseries:

A limited number of trusted nurseries with the best propagation services to supply plants to licensed growers and marketers.



Authorized Distributor/Exporter/Processor:

Selection of an elite group of distributors to manage groups of affiliated growers/producers and the sale of fruit.

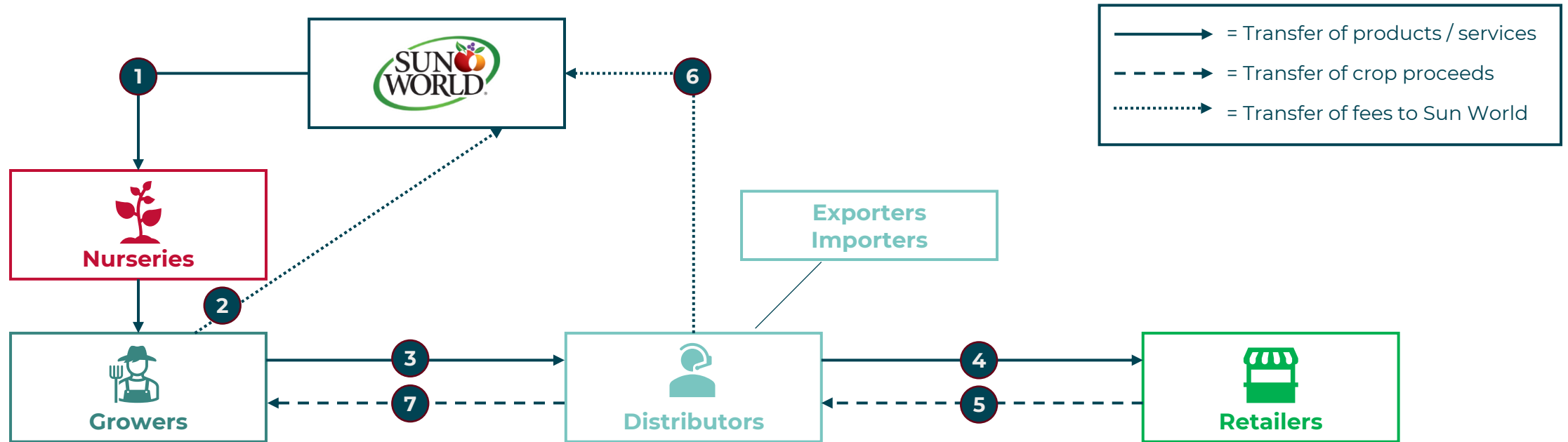


Authorized Growers:

Increasing farming operation value per hectare with Sun World Varieties. Selling of fruit is through Licensed Distributors

SUN WORLD BUSINESS MODEL FLOW CHART

Sun World's business model brings together authorized nurseries, growers, and distributors/marketers to supply the highest quality fruits to retailers and consumers



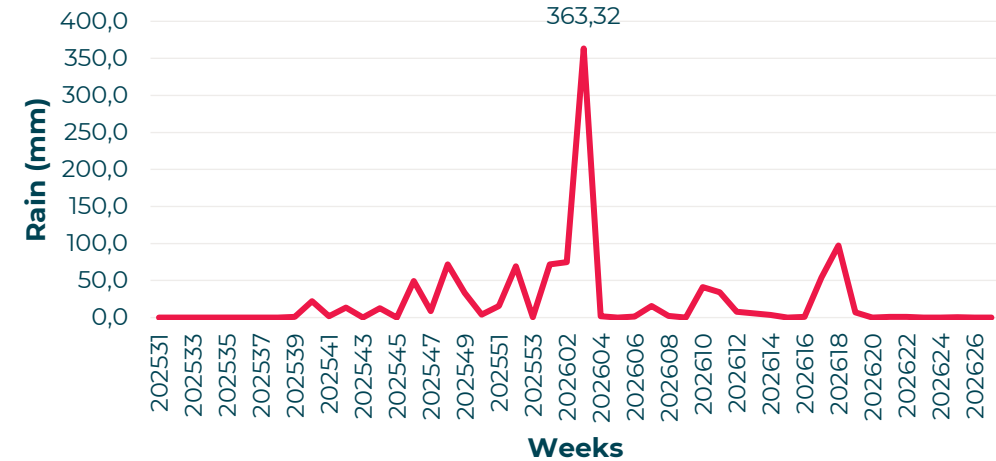
- 1 Sun World authorizes a plant lease for licensed **growers** and authorizes **nurseries** to propagate the mango variety for the authorized **grower** or for the **grower** to topwork the trees
- 2 **Growers** pay Sun World a propagation fee
- 3 **Growers** send products through authorized **marketeers** for distribution and sale
- 4 **Marketeers** distribute and sell product to **wholesalers/retailers/processors**

- 5 **Wholesales/retailers** pay **marketeers** for the product
- 6 **Marketeers** remit a percentage of FOB revenue proceeds directly to Sun World in the form of a fruit fee
- 7 Marketeers remit the remainder of proceeds to **growers**



SO WHAT HAPPENED IN THE MANGO SEASON 2026?

- **Early cold leading to nice flowering induction**
- **Good flowering and fruit set conditions** in 2025 led to large crop
- **Mild late winter, early spring**, good fruit retention.
- **Sunburn less severe than previous season**
- **AND THEN WE STARTED SWIMMING! 1030 mm of rain in Hoedspruit with most from early January to March in the middle of harvesting time. NOT GOOD FOR LENTICEL ISSUES!**
- **Cold storage trials done at 8°C and 10°C** for 28 days for most varieties with enough fruit available
- The excessive rain has led to much higher incidence of lenticel damage, as was expected.
- Some varieties had a **clear, concise season**, while others ripened over a prolonged period





Variety Specific Feedback

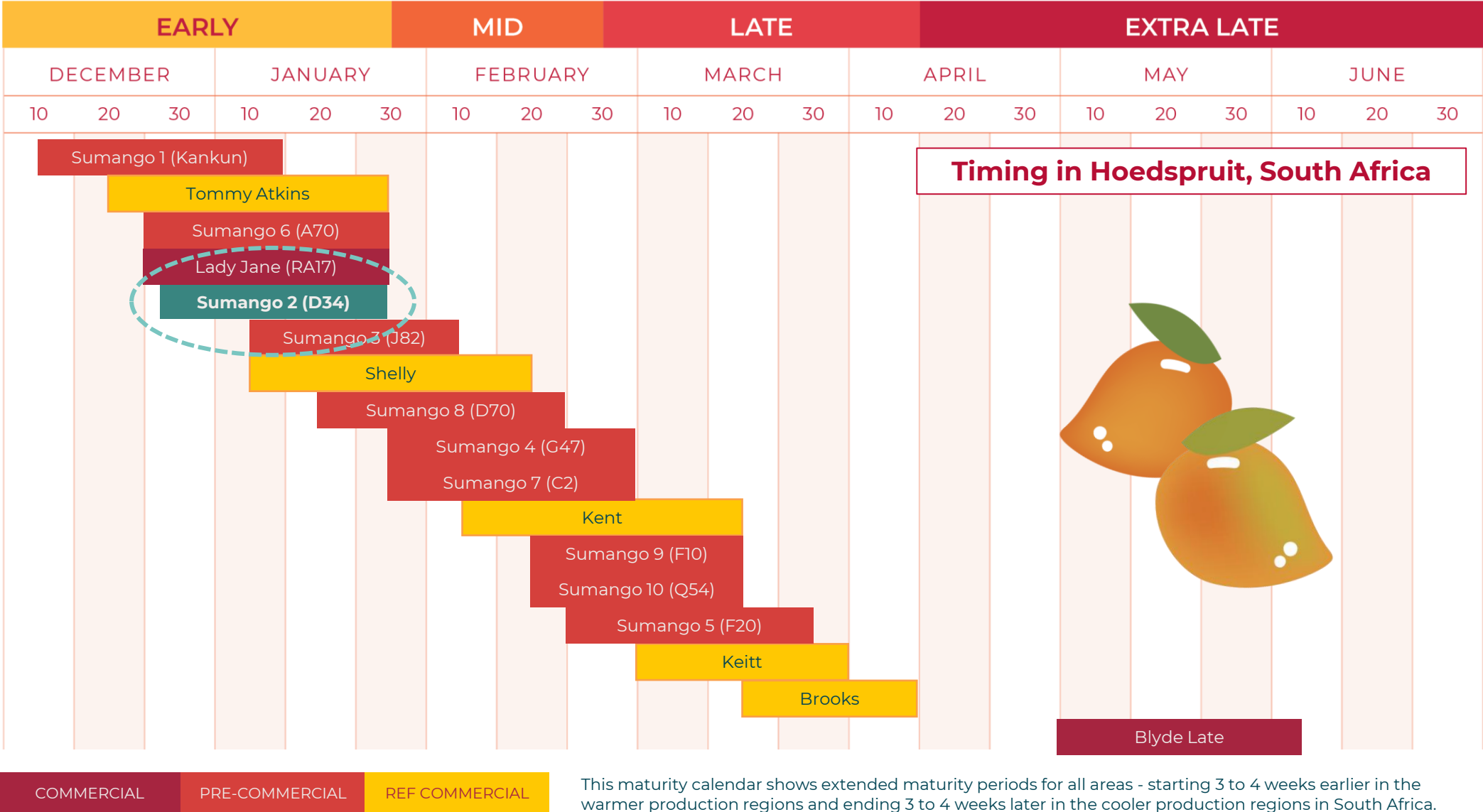
Let's talk about the older ones first



Sumango 2 (D34)

WHERE IT FITS – MANGO SEASONALITY

Approximate maturity periods of SWI pre/semi-commercial selections vs reference commercial cultivars



SUMANGO 2 (D34)

- D34 is a seedling of **unknown parentage** first planted in 1999 at Bavaria breeding site in Hoedspruit
- **Selected for its earliness and the fact that it sets large crops of smaller fruit under cool conditions**, when varieties like Tommy Atkins and Lady Jane (RA17) do not set well during the same time and Tommy might have large fruit
- It is being tested all over South Africa with good results



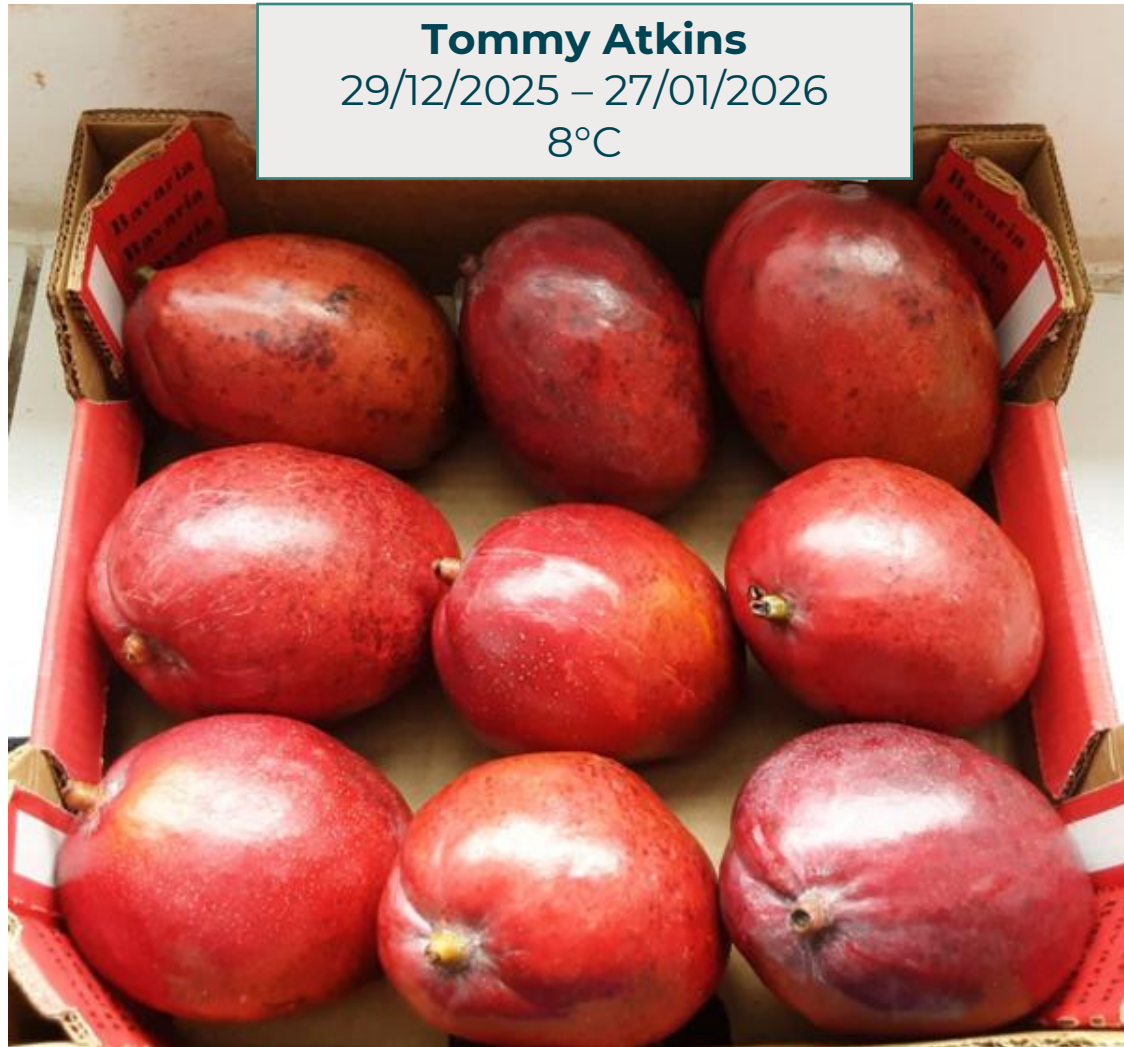
2-year-old topwork in Hoedspruit

SUMANGO 2 (D34) 2026

- Fruit was run through the packhouse twice in this season on the 23rd of December (a week before Tommy Atkins) and again on the 6th of January 2026. Both samples **were stored at 8° and 10°C for 28 days** and then evaluated. **The fruit was nice and firm after harvest with a Brix up to 16.6° after storage.**
- Second sample was done in the period of high rainfall which was not ideal for postharvest storage.
- The D34 fruit showed **no signs of any internal breakdown or any other post-harvest defects.** Lenticel damage was a bit more prominent because of the wet season especially at colder storage but much better than Tommy Atkins.
- Taste of D34 is quite different for that time of the season, which can be described as a **sweet lemon sherbet taste. The fruit also colours up very well during the cold storage period.**
- As can be seen from the **size distributions, fruit size was a better than** in 2025 (lower yield). This variety has an ideal spread of smaller fruit that is needed in the early local market at that time of the season.



LENTICEL COMPARISON



SUMANGO 2 (D34)

At Packing

8°C for 28 days

At Ripening



Sumango 2
23/12/2025 – 21/01/2026
8°C

Sumango 2
7 Days at Room Temp
8°C



Sumango 2
7 Days at Room Temp
8°C



Sumango 2
03/01/2025



Sumango 2
06/01/2026 – 03/02/2026
8°C

Sumango 2
06/01/2026 – 03/02/2026
7 Days at Room Temp - 8°C



Sumango 2
06/01/2026 – 03/02/2026
7 Days at Room Temp - 8°C

SUMANGO 2 (D34)

At Packing

10°C for 28 days

At Ripening Brix 14,4° and 16,6°



Sumango 2
23/12/2025 – 21/01/2026
10°C



Sumango 2
7 Days at Room Temp
10°C



Sumango 2
06/01/2026 – 03/02/2026
10°C



Sumango 2
06/01/2026 – 03/02/2026
7 Days at Room Temp - 10°C



Sumango 2
7 Days at Room Temp
10°C

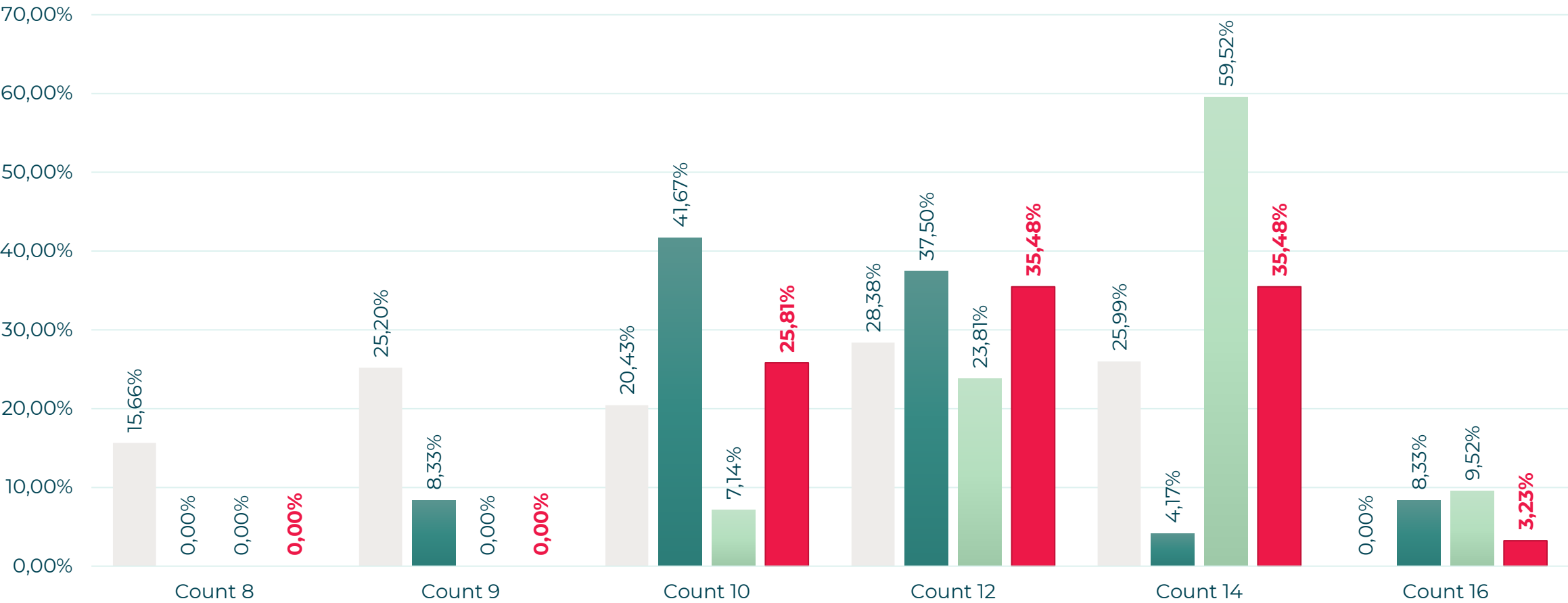
Sumango 2
06/01/2026 – 03/02/2026
7 Days at Room Temp - 8°C

SUMANGO 2 (D34) FRUIT SIZE DISTRIBUTION

2026 Season – South Africa compared to previous seasons

Size Distribution D34

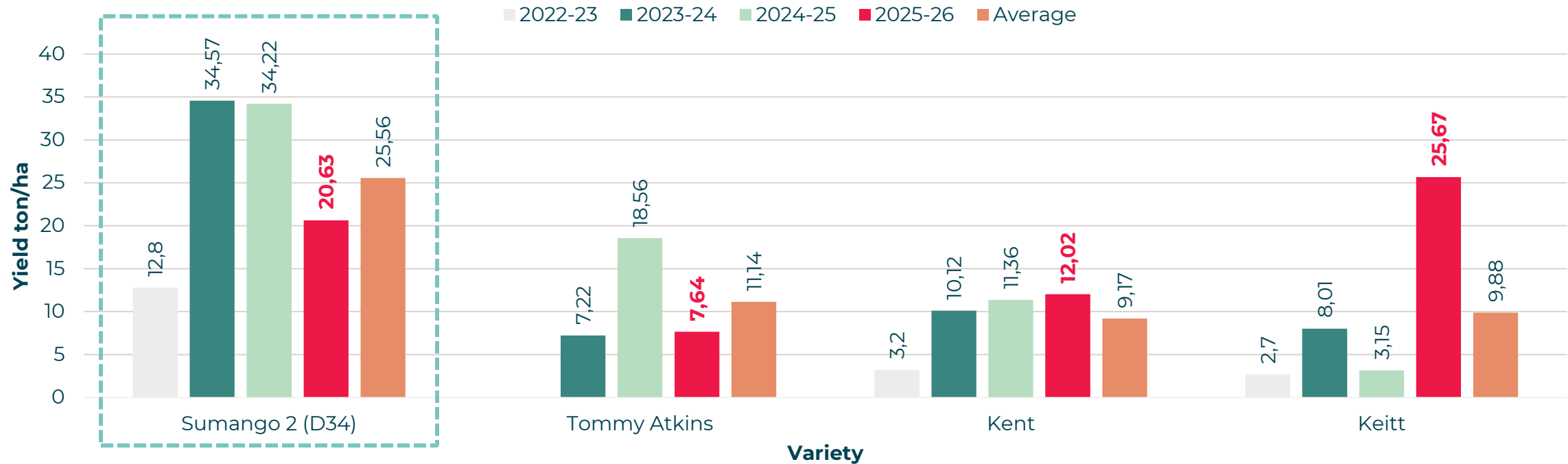
2023 2024 2025 2026



YIELD RESULTS 2023 – 2026

Sumango 2 (D34) is very precocious and bears very well from an early age.

Yields



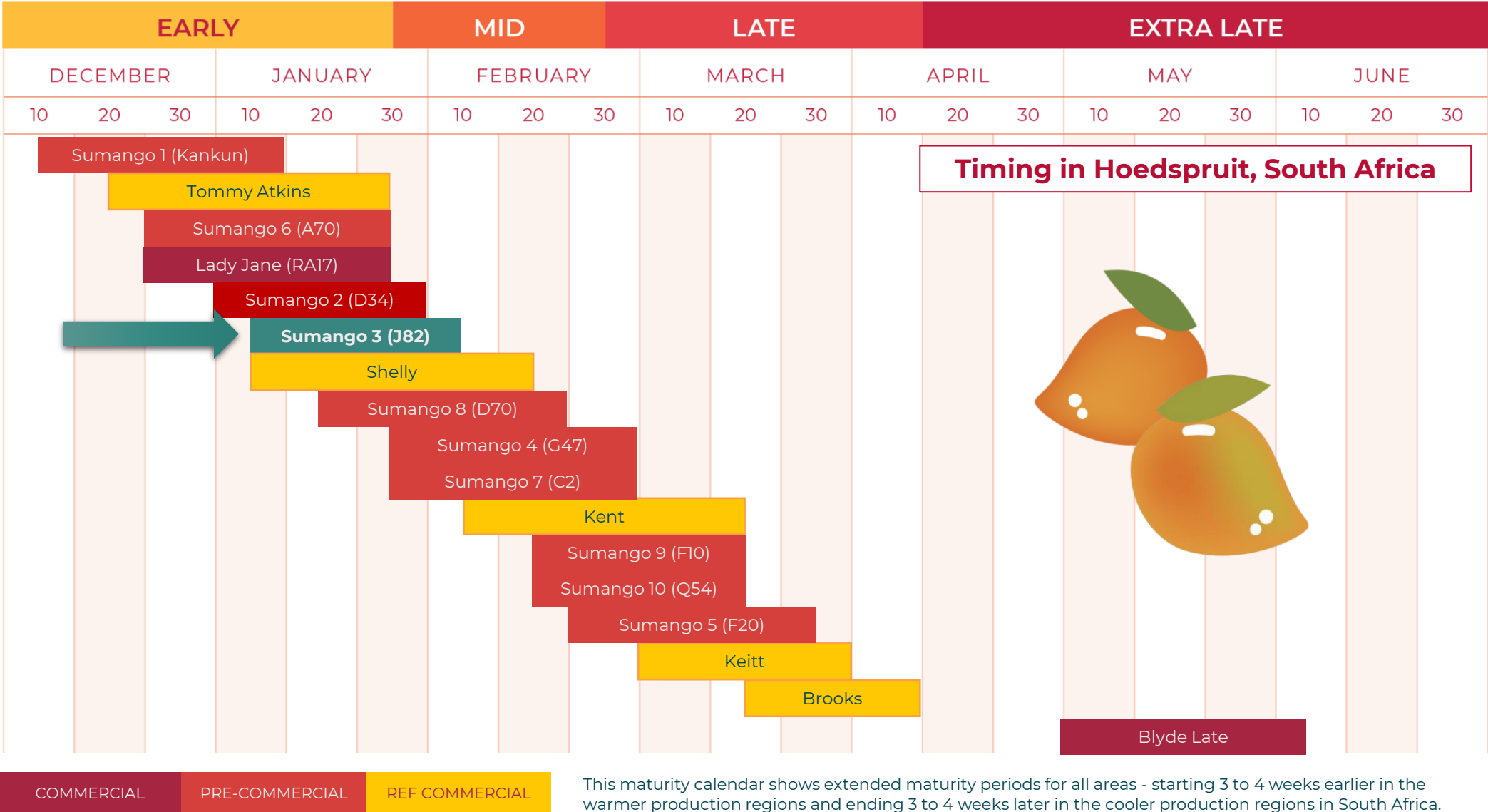
- The yield potential of D34 is at least around 40+ t/ha
- Thinning fruit for achar might increase fruit size even more. Smaller crop also gives bigger fruit
- Since it is a very early variety, early pruning will ensure good carbohydrate reserves and less chance of alternate bearing
- The yield on the graph was obtained with a spacing of 6 x 2



Sumango 3 (J82)

WHERE IT FITS – MANGO SEASONALITY

Approximate maturity periods of SWI pre/semi-commercial selections vs reference commercial cultivars



SUMANGO 3 (J82) SEEDLING OF KENT

- Selected for **its exceptional taste, appearance, and shelf life**. Additionally, three hectares have been topworked at a Hoedspruit site, with some fruit expected by 2026. The **compact and less aggressive growth habit** of the variety is ideal for higher density plantings. Yields per leaf area is good but slower to develop because of less vegetative growth
- The relatively **thick skin makes it able to handle robust handling**
- Sumango 3 gained significant attention from prospective marketeers at the **2026 Fruit Logistica** event in Berlin where **Sun World** held an **Introduction event for their mango program**
- **Testing sites** have been established in Hoedspruit (several different sites), Tzaneen, Komatipoort and Clanwilliam
- Plant material of the Sumango 3 have also been sent to most mango producing countries **worldwide**



2-year-old topwork in Hoedspruit

SUMANGO 3 (J82)

2026 Season – South Africa

- First **commercial orchards** will come in full production in 2027 with some young trees already showing fruit
- There was enough fruit available to run samples through the packhouse twice at different maturities and complete a cold storage trial at a facility in Hoedspruit. The first fruit was harvested on the 20th of January and stored for 28 days. Fruit stored at **both 8°C and 10°C performed exceptionally well, with no cold damage or internal issues.** All the fruit ripened within a week of storage and remained good to eat
- Fruit harvested at 0,35 internal colour and stored at 10°C, had a **Brix of 16.8° after storage**



Compact tree



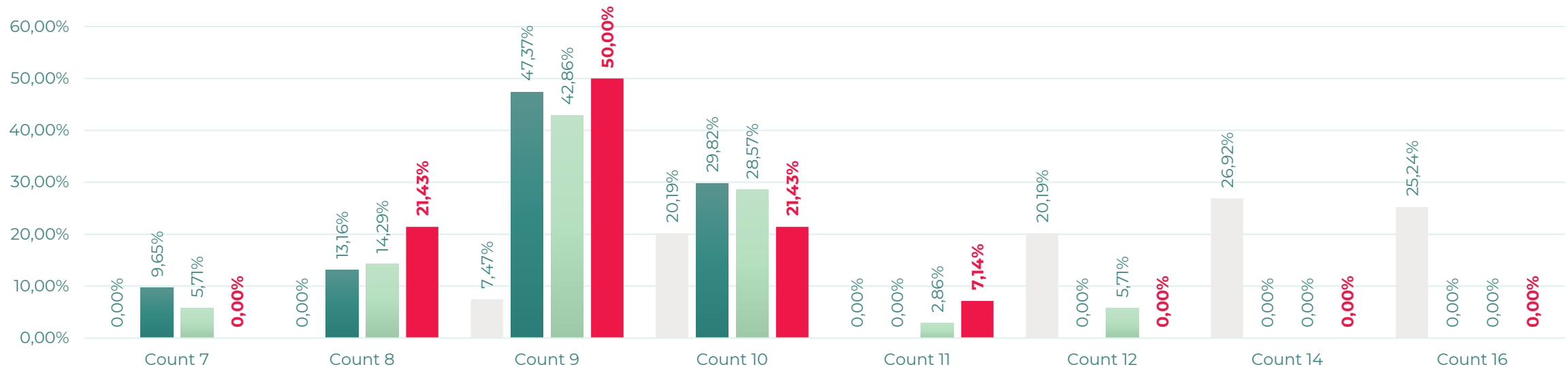
Fruit Logistica 2026

SUMANGO 3 (J82)

- All indications are that the fruit will store well and **can be successfully transported in cold storage**. It showed no signs of internal breakdown
- Size distribution was larger this year, fitting well into a fresh marketing plan, with **71% of the fruit in the count 9 and 10** range
- When boxed, **the large percentage of entirely red fruit** makes this variety very impressive. Combined with its excellent taste, it has the potential to be a success in the future
- **External colour development advanced at picking maturity**

Size Distribution J82

2023 2024 2025 2026



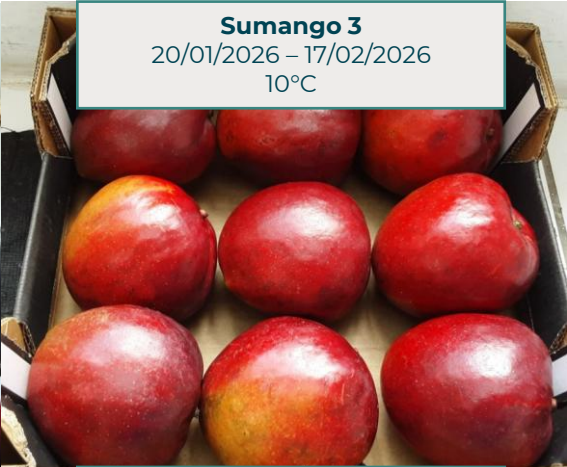
SUMANGO 3 (J82)

At Packing

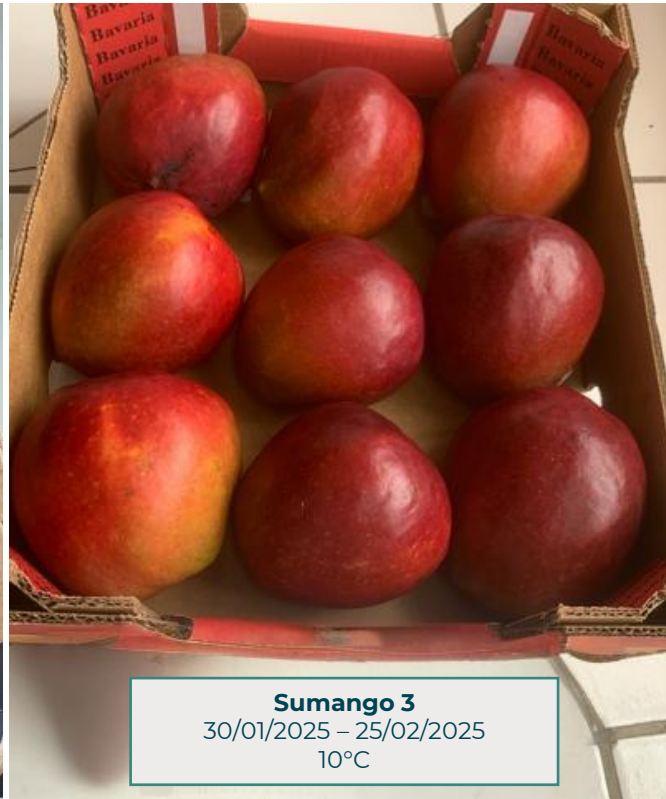
8°C for 28 days

10°C for 28 days

At Ripening

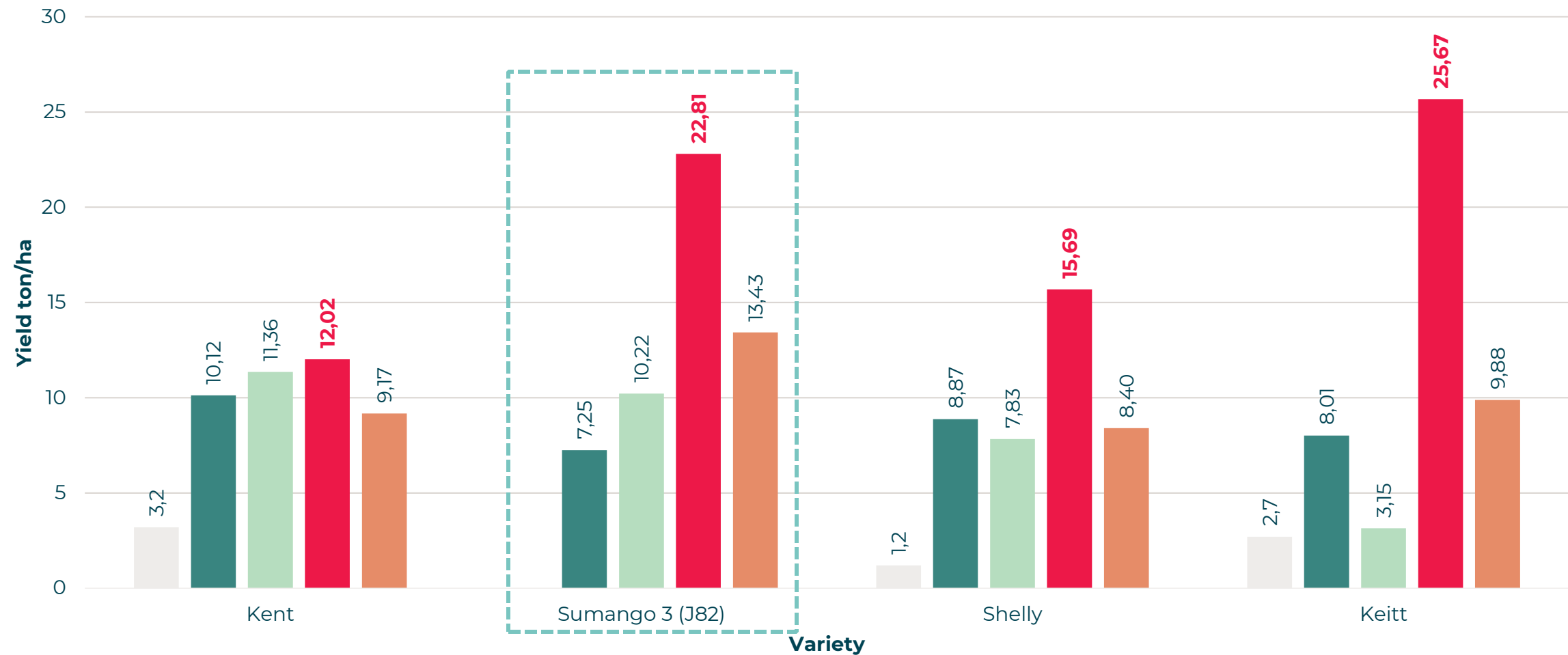


SUMANGO 3 (J82) LAST THREE SEASONS



Yields

2022-23 2023-24 2024-25 2025-26 Average



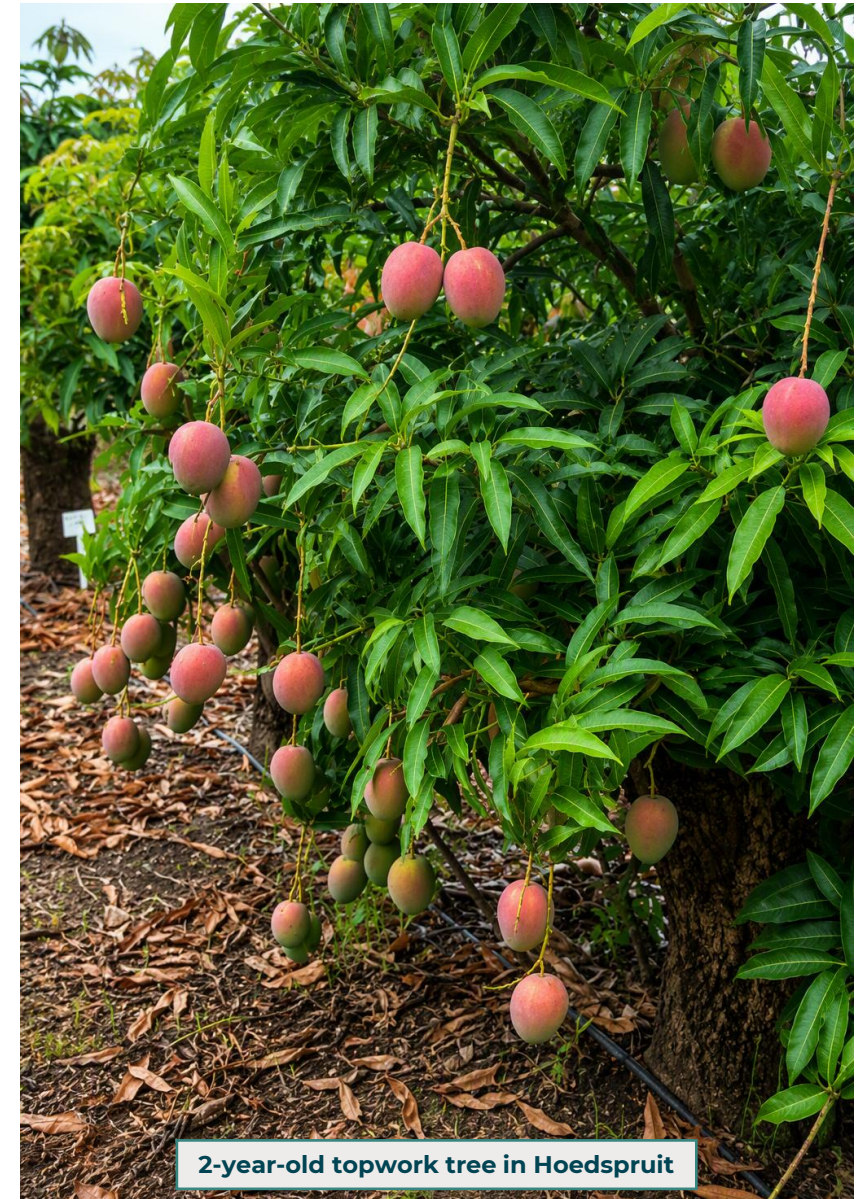


Sumango 4 (G47)



SUMANGO 4 (G47) 2026

- G47 is a **seedling of Lippens** from the Bavaria breeding program planted in 2007 in Hoedspruit, South Africa in a sub-tropical climate.
- Selected for **exceptional taste, smooth fruit and totally stringless flesh**
- Fruit was well received at **2026 Fruit Logistica in Berlin**
- First **commercial planting** to bear fruit in 2027
- Testing and evaluation sites have been established in Hoedspruit (several sites), Malelane, Komatipoort, Tzaneen, Porterville and Clanwilliam
- Plant material of the Sumango 4 have also been exported to most mango growing countries.



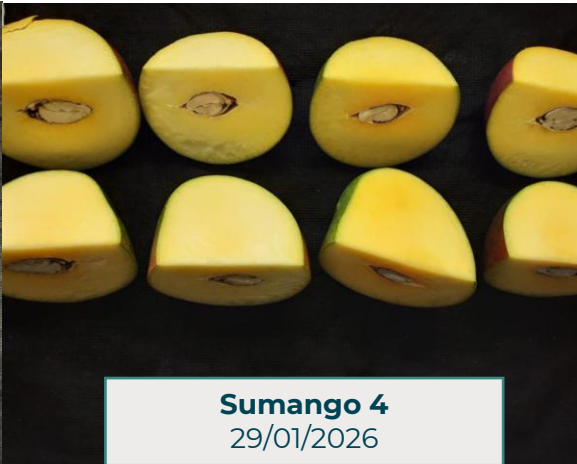
SUMANGO 4 (G47) GLOBAL



SUMANGO 4 (G47) AND COLD STORAGE

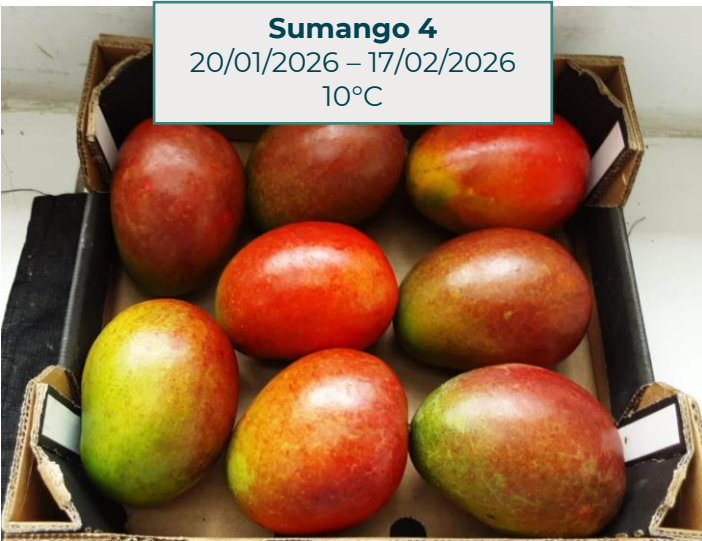
At Packing

8°C for 28 days

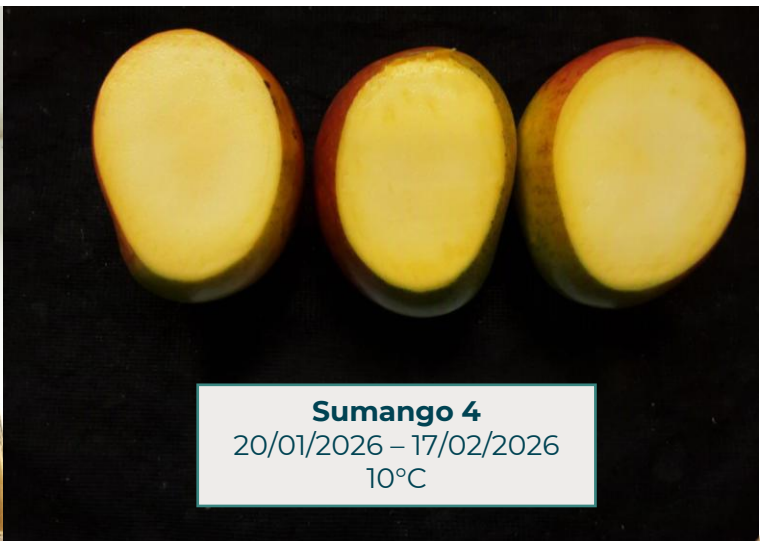


SUMANGO 4 (G47) AND COLD STORAGE

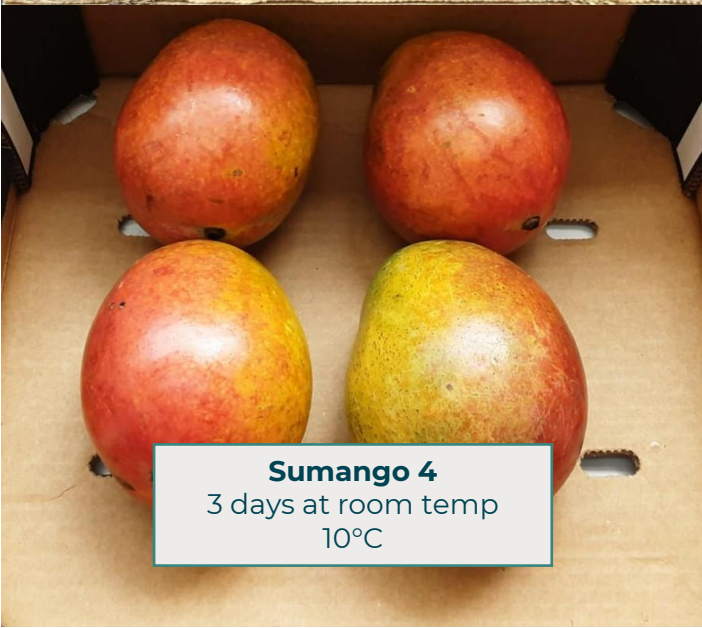
28 days at 10°C



Sumango 4
20/01/2026 – 17/02/2026
10°C



Sumango 4
20/01/2026 – 17/02/2026
10°C



Sumango 4
3 days at room temp
10°C



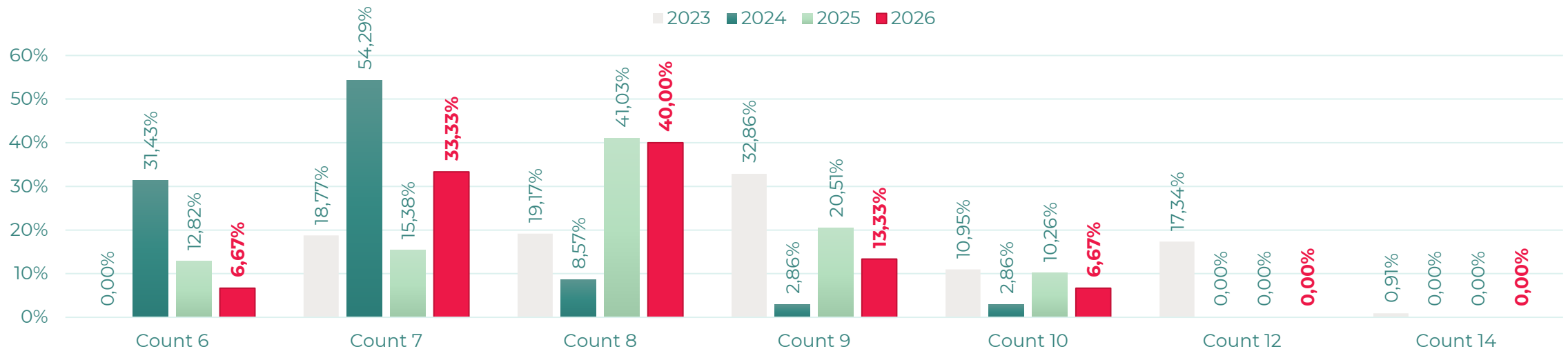
Sumango 4
3 days at room temp
10°C



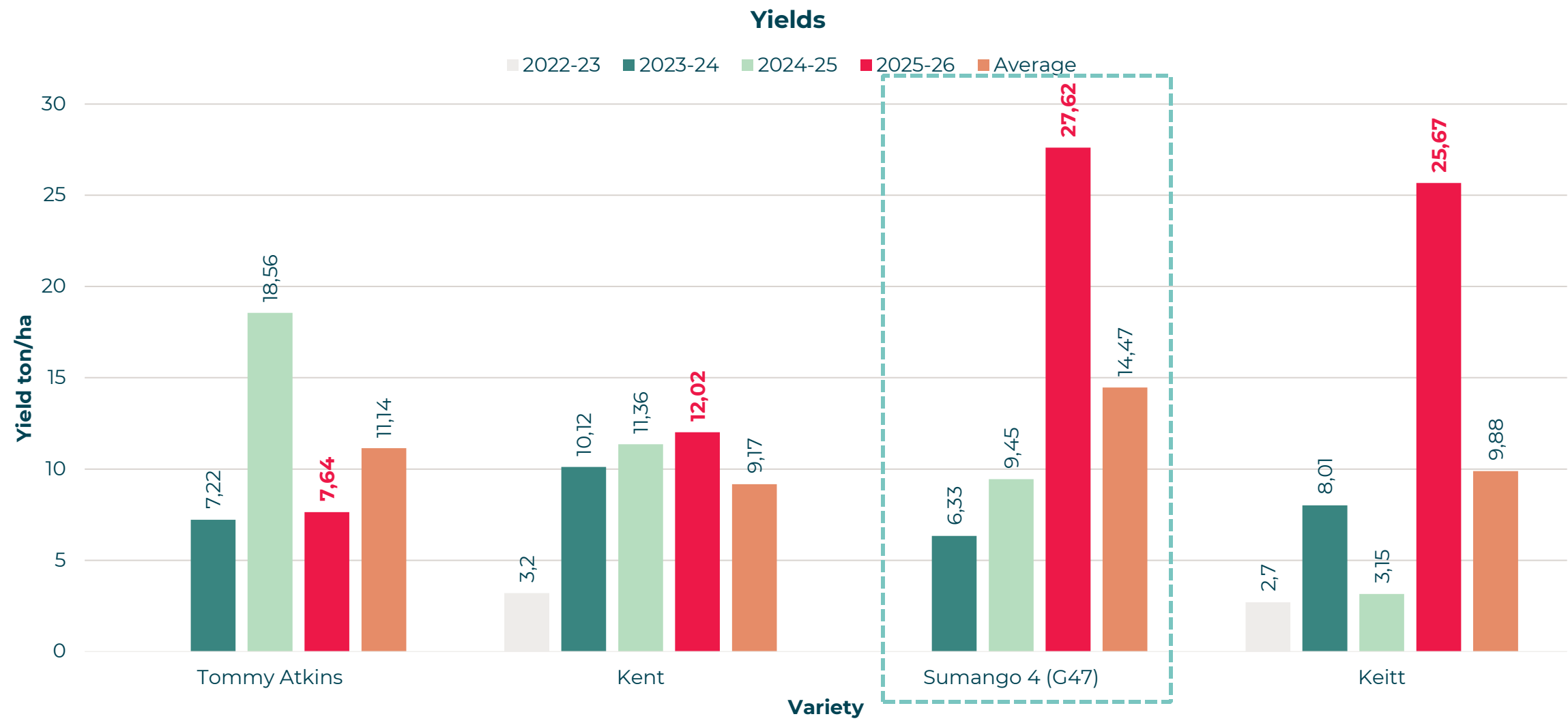
2026 Season – South Africa

- There was enough fruit available to run samples through the packhouse in Hoedspruit. The fruit were **stored at 8°C and 10°C for 28 days** and then evaluated for cold damage and other postharvest defects. **The result was good indicating that the fruit will store well and can be transported in cold storage if harvested at the right maturity (0.35 – 0.4 on the SAMGA internal colour chart) Fruit does not colour up as well in cold storage when harvested too early!**
- Fruit harvested at 0,35 on the colour chart showed **very little signs of lenticel** discoloration after storage at 8°C and 10°C for 28 days.
- All fruit coloured up well and had a good taste after a few days of ripening at room temperature. **Fruit stored at 8° and 10°C had a Brix of 16,2°** after 28 days storage and was edible after 28 days of storage. This bodes well for shelf life after cold storage
- Size distribution is like Tommy Atkins with the average fruit size at count 8

Size Distribution G47



SUMANGO 4 (G47) YIELD

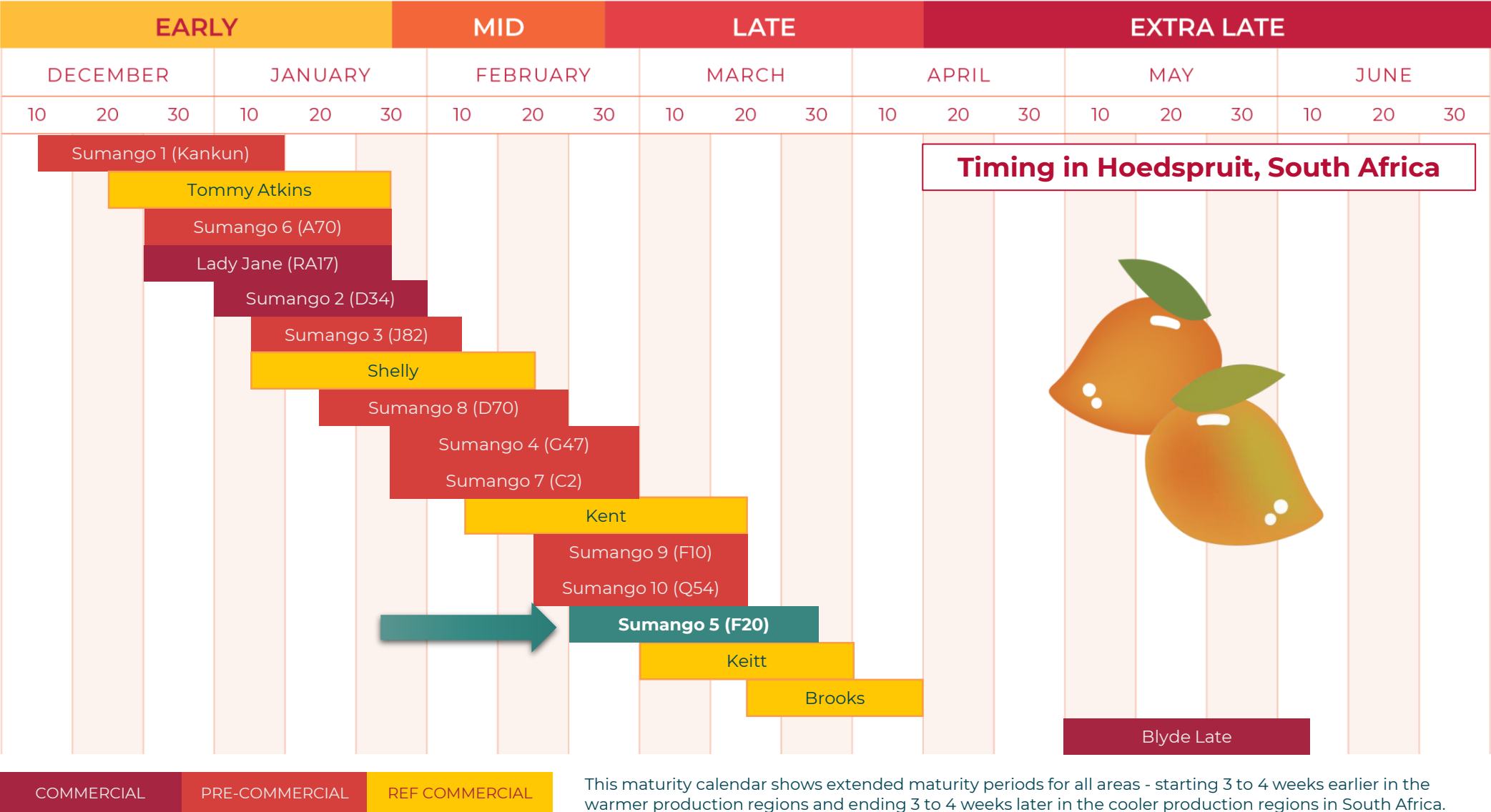




Sumango 5 (F20)

WHERE IT FITS – MANGO SEASONALITY

Approximate maturity periods of SWI pre/semi-commercial selections vs reference commercial cultivars



SUMANGO 5 (F20) – “THE LATE ONE”

- F20 is an open pollinated **seedling of Osteen** from the Bavaria breeding program
- The material was first planted in Hoedspruit, 2002. The selection was made for its **precocious bearing of smaller coloured fruit late in the season**, when there is only poorly coloured, big fruit on the market at that time of the year
- **Extremely high yields** have been seen in some years that might affect fruit size
- The fruit was tested for use in **fresh cut programs** and passed with flying colours
- Several testing and evaluation sites have been established in Hoedspruit on several sites, as well as Tzaneen, Komatipoort and Clanwilliam
- It has also been distributed worldwide
- It handles cold storage well and with less lenticel damage than Keitt even during this very wet season



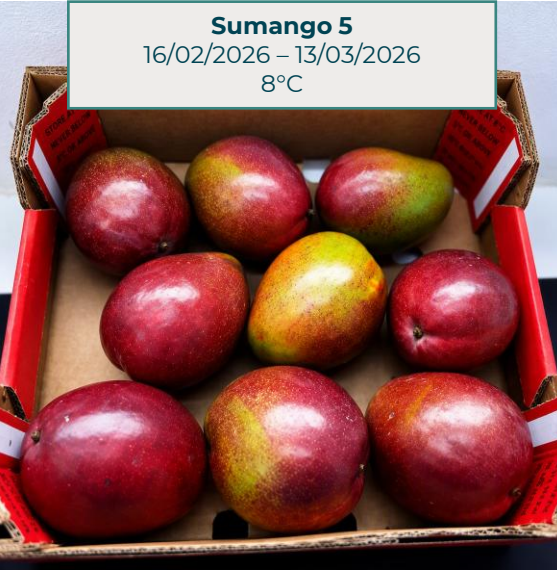
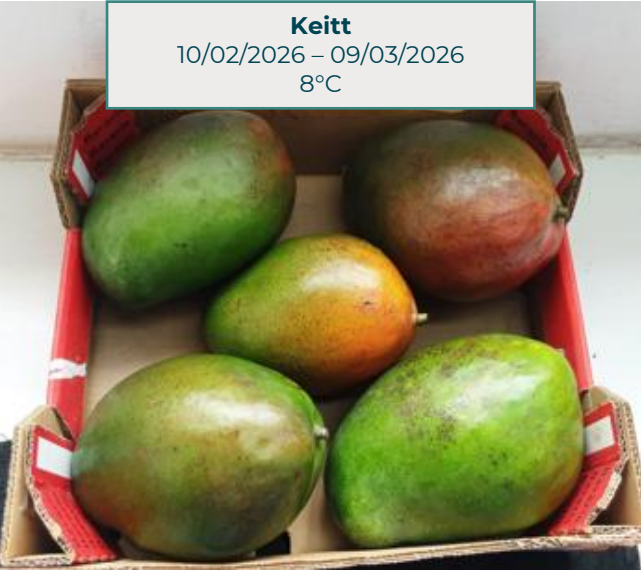
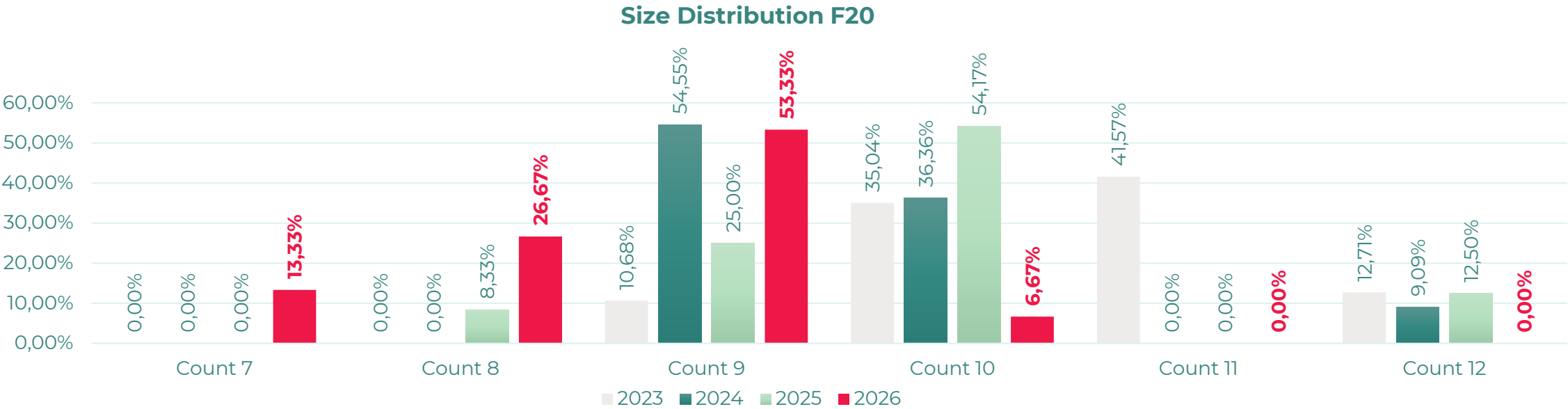
2-year-old topwork tree in Hoedspruit

SUMANGO 5 (F20)

- A large sample was run through the pack house, and cold storage trials were done at three different maturities and two temperatures (8° and 10°C). Fruit stored very well although it did **show some lenticel discolouration this season at 8°C**. Better than Keitt at same period
- The fruit did ripen well and retained its taste
- **Size distribution was a bit smaller than previous years but still within the ideal size for marketing in cartons**, which was surprising given the amazing yield of 54 t/ha in the demonstration block. Keeping tree size in mind, this translates to very high yields in fully grown trees. The seasonality was the same as Keitt, but with much better appearance



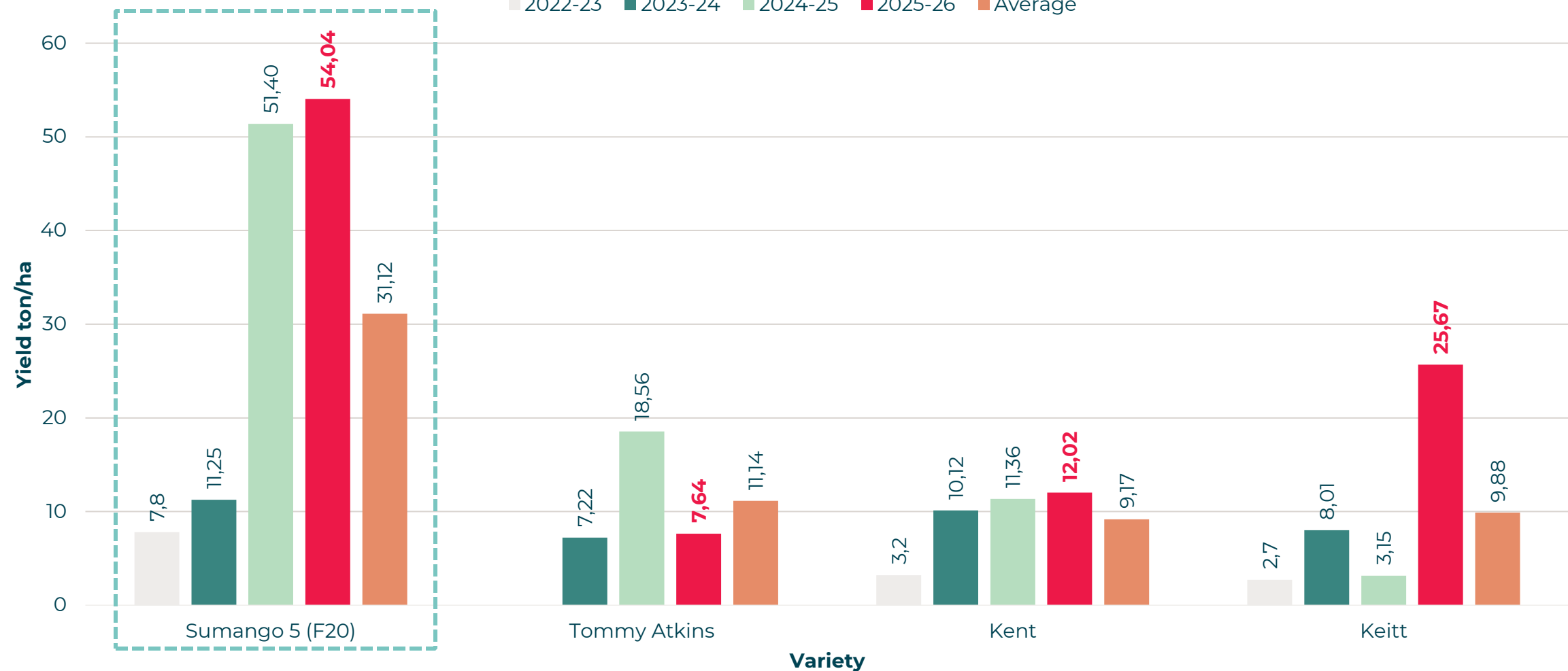
SUMANGO 5 (F20) SIZE DISTRIBUTION 2026



SUMANGO 5 (F20) YIELD 2026

Yields

2022-23 2023-24 2024-25 2025-26 Average



SUMANGO 5 (F20) COLD STORAGE 2026



SUMANGO 5 (F20) POST STORAGE 2026

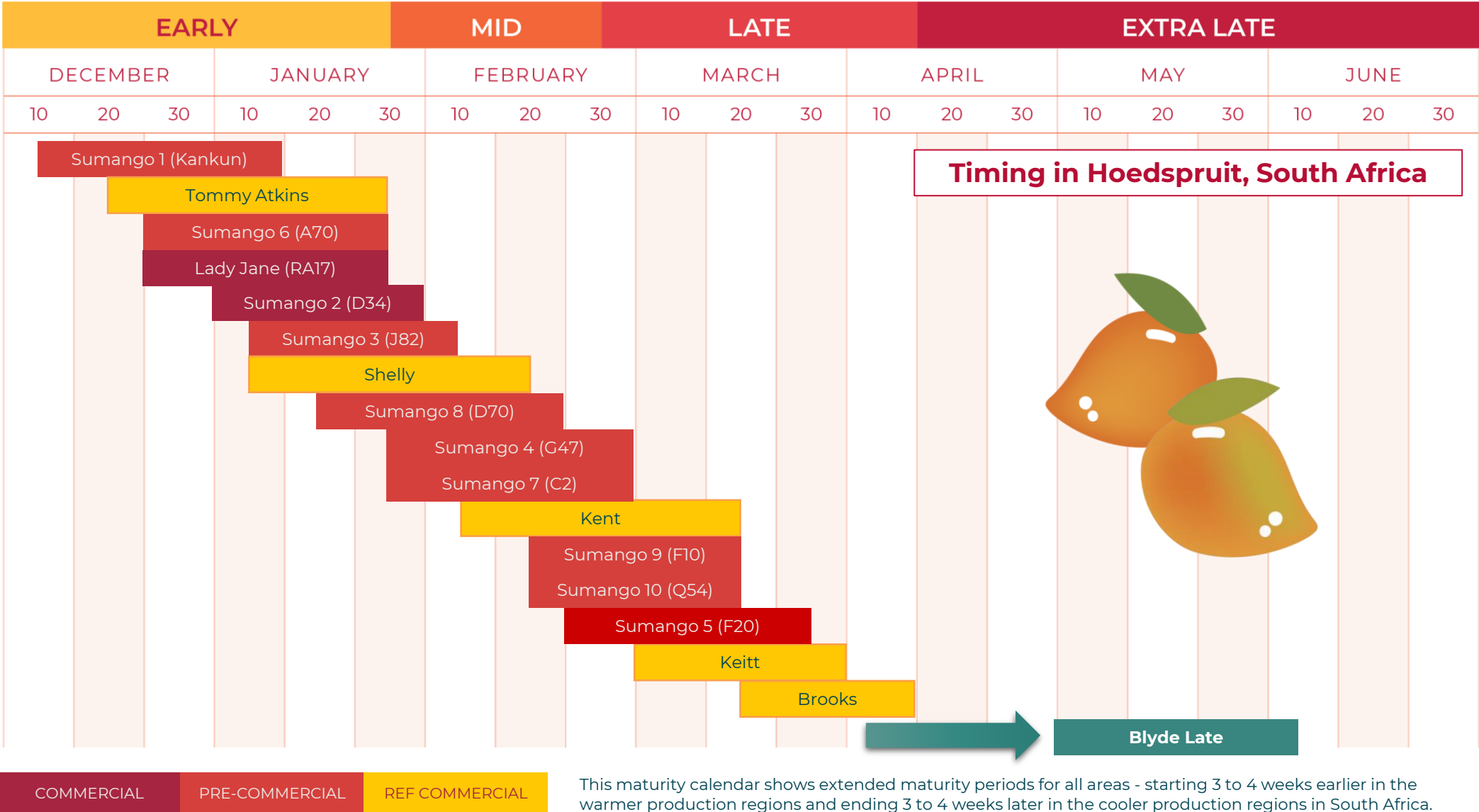




Blyde Late

WHERE IT FITS – MANGO SEASONALITY

Approximate maturity periods of SWI pre/semi-commercial selections vs reference commercial cultivars



BLYDE LATE - THE EXTREMELY LATE VARIETY

- Blyde Late is a chance **seedling of Heidi** discovered on the Blydevallei farm in Hoedspruit and developed by Dr. Pieter Scholtz
- Blyde Late is a **very unique, extremely late variety** (4 – 6 weeks later than Keitt!) which presents an **opportunity for local market sales** for growers and marketers in all production areas
- It is being **tested widely** and shows good results in all production areas thus far but does display **some alternate bearing** in first few years. Compact growth and early bearing (precocious).
- Blyde Late shows **resistance to bacterial blackspot**
- It **flowers similar to Kent** in season but needs a lot more heat units to mature with **external colour similar to Heidi**
- The fruit tends to be **big** and **very sweet** when fully mature, with a unique tangy taste which is popular with Asian markets. If harvested too early, fruit has a **prominent resinous taste** that disappears at full maturity
- Cold storage evaluations conducted at Bavaria were positive. It was tested at four different maturities, and the conclusion was that it can be exported, if managed properly.
- With the exception of the Blyde Late being farmed commercially in Hoedspruit, testing and evaluation sites have been established in other Hoedspruit sites, as well as Tzaneen, Komatipoort, Porterville and Clanwilliam



BLYDE LATE COLD STORAGE COMMERCIAL BLOCKS

28/04/2026 - 26/05/2026!



BLYDE LATE COLD STORAGE COMMERCIAL BLOCKS

28/04/2026 - 26/05/2026!



BLYDE LATE COLD STORAGE SUN WORLD ORCHARD

28/04/2026 - 26/05/2026!



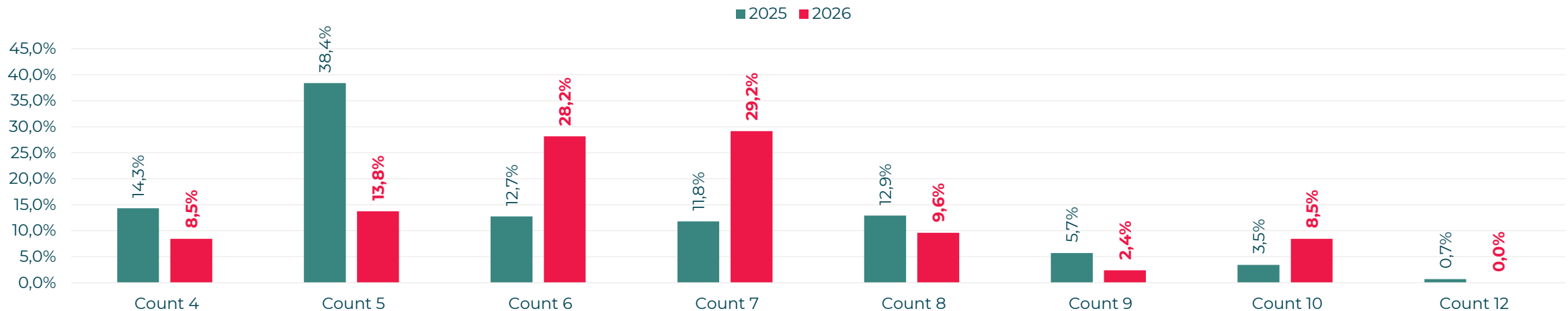
BLYDE LATE

2026 Season – Hoedspruit Testing Site



- Blyde Late is **planted commercially (±45 ha)** of which 7 ha already had more that one commercial crop. The average yield at Blydevallei was 15,1 t/ha with a mix of ages from 6-7 years old.
- Blyde Late was harvested from **4th of April onwards in 2026**, with Keitt on the same farm having finished in third week of February
- Higher yielding orchards delivered smaller fruit, whereas young trees yielded less fruit, which tended to be bigger and earlier. Fully mature fruit present with a **Brix of above 21° and no resinous taste**.
- Market acceptance was very good and prices obtained extremely good. **Sales took place from early to mid-May**.
- Storage results were very positive and shows that fruit can be stored well. Fruit harvested on 4th of April, were consumed on 17th of May with the quality still good

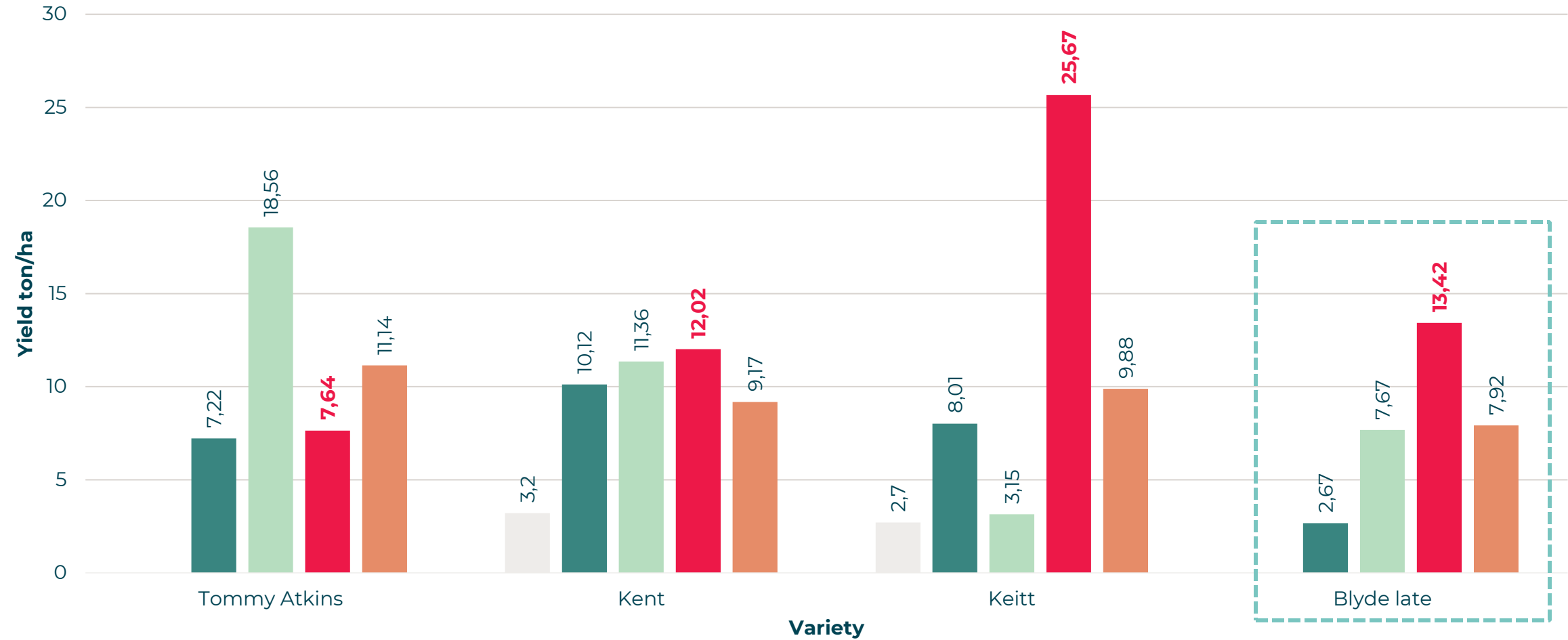
Size Distribution



YIELD AT SUN WORLD DEMONSTRATION BLOCK

Yields

2022-23 2023-24 2024-25 2025-26 Average





Lady Jane (RA17)

LADY JANE (RA17), MALELANE 2026



LADY JANE (RA17), MALELANE 2026

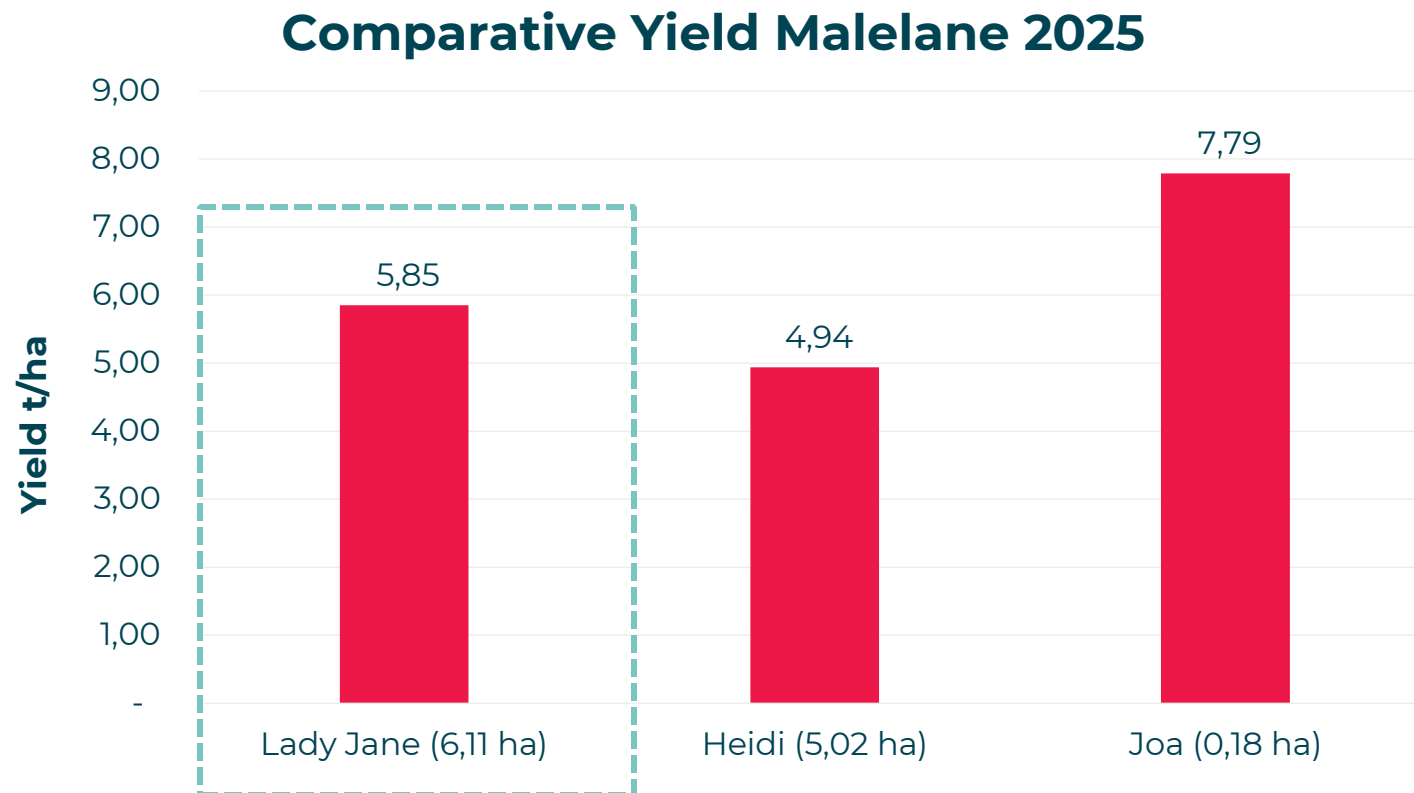


LADY JANE (RA17)

- **Lady Jane, Lady Grace and RD26** are varieties from the mango breeding program of **Ken Rayner in Australia**
- The breeding program is done in the **Tropical Northern Territories** near Katherine, known as the place where “the Outback meets the tropics”
- It is an **early ripening variety** (a week after Tommy Atkins) with beautiful fruit with good eating quality and **no internal disorders**
- **Fruit size is also a little bit smaller than Tommy Atkins** especially when Tommy has a low yield
- It is really **suited for low lying hot subtropical areas** like Mozambique, Komatipoort and Malelane
- **Yields in the right climatic conditions are good** and it offers something **different from Tommy Atkins** in the early season

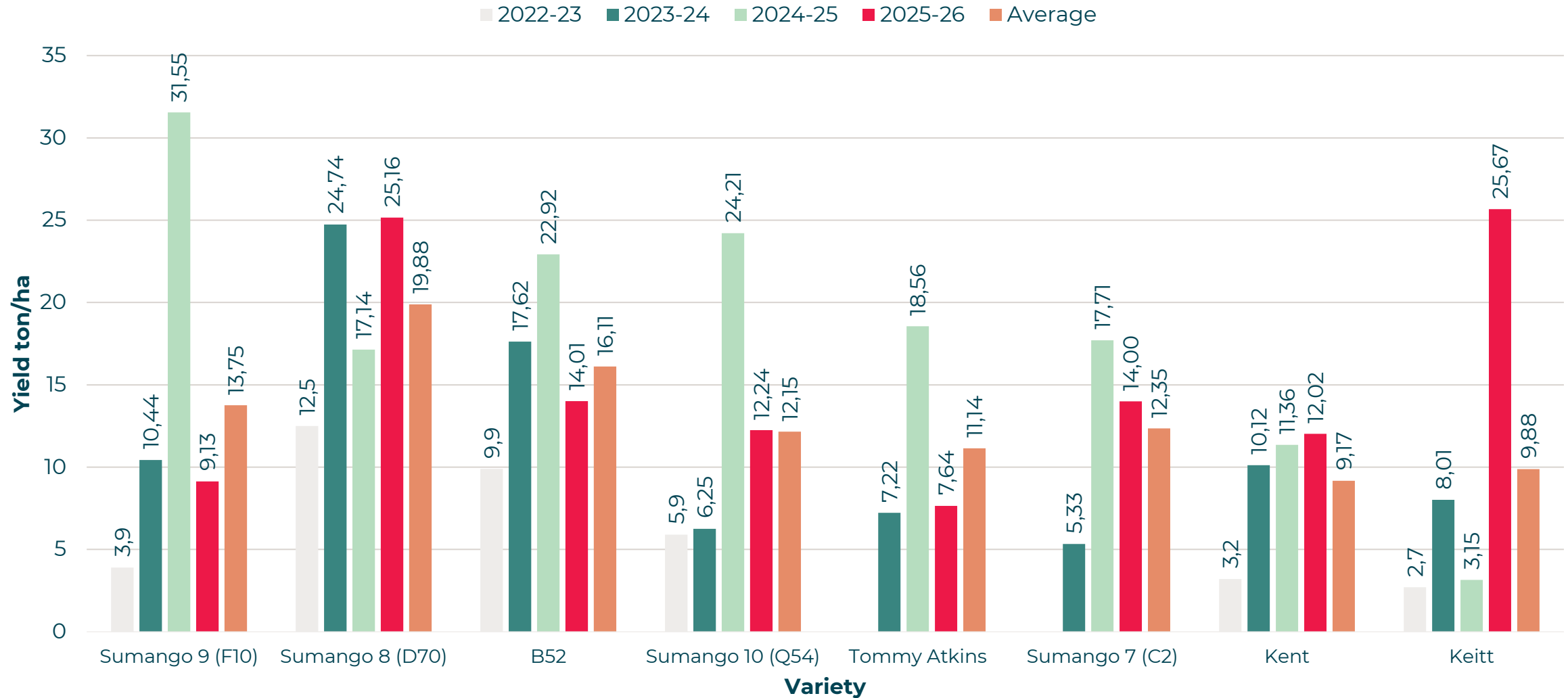


- Lady Jane was **less affected by the unseasonal cold** that happened in the Underberg region of Malelane during the past flowering season
- Yield of Lady Jane in a mixed orchard of mostly first year and some third year cropping **compared well** with some other varieties in the same orchards



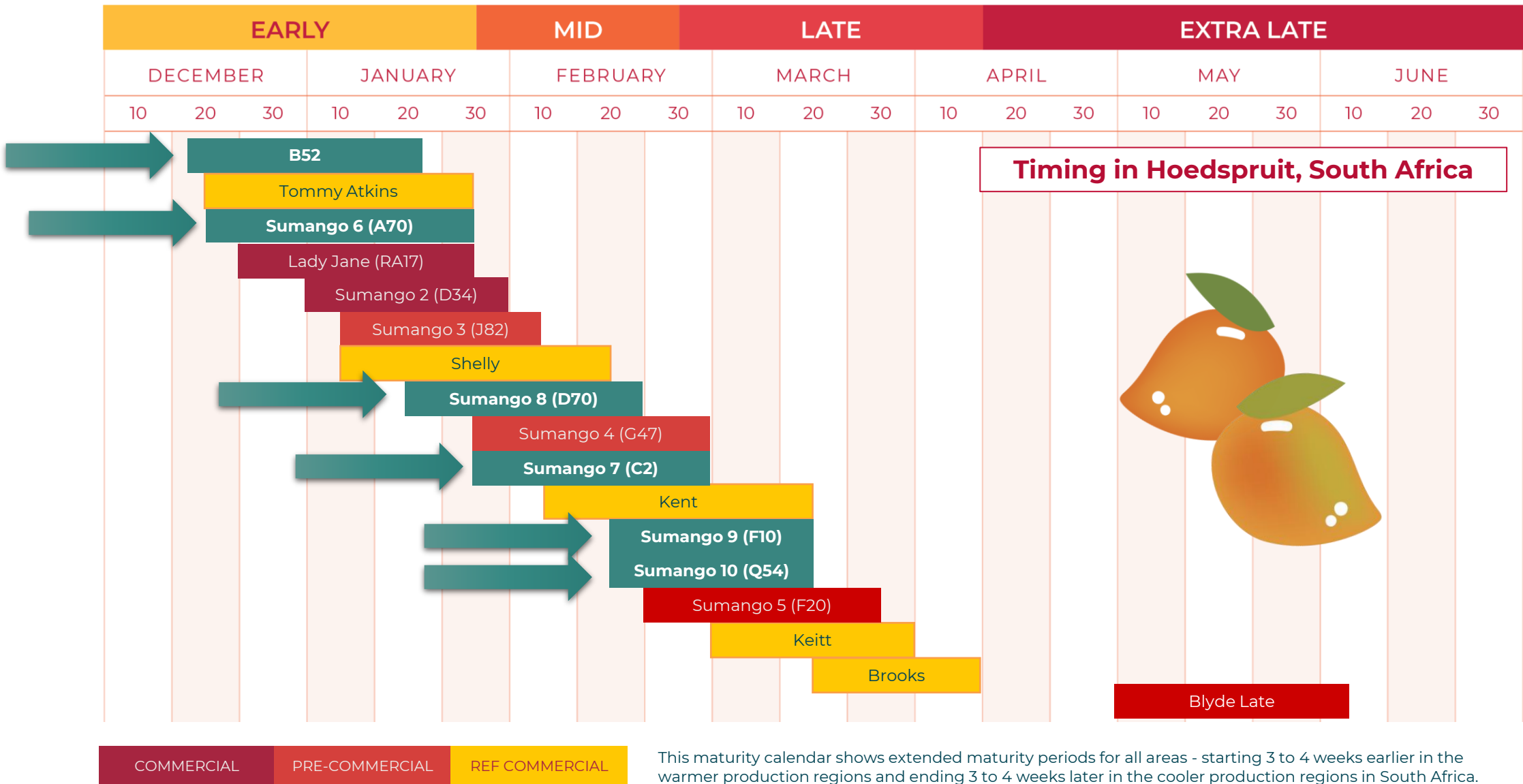
THE NEW KIDS ON THE BLOCK

Yields



WHERE IT FITS – MANGO SEASONALITY

Approximate maturity periods of SWI pre/semi-commercial selections vs reference commercial cultivars

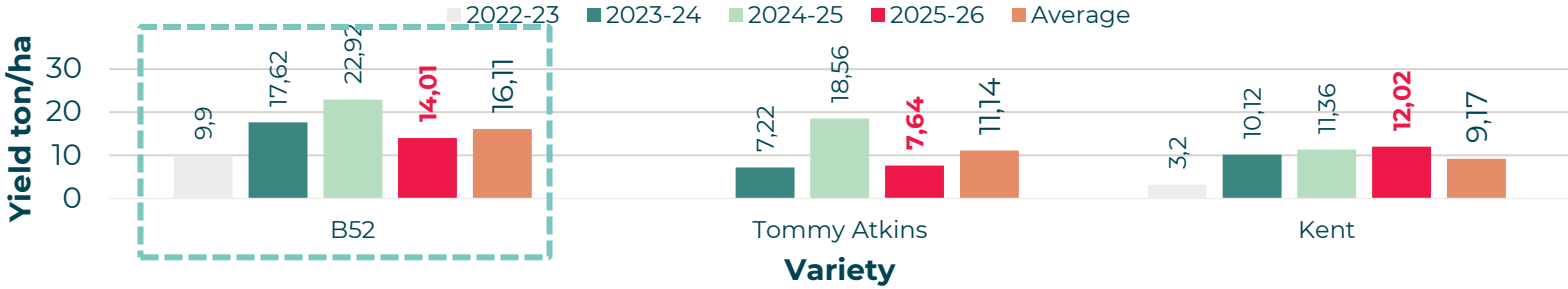


THE NEW KIDS ON THE BLOCK – B52

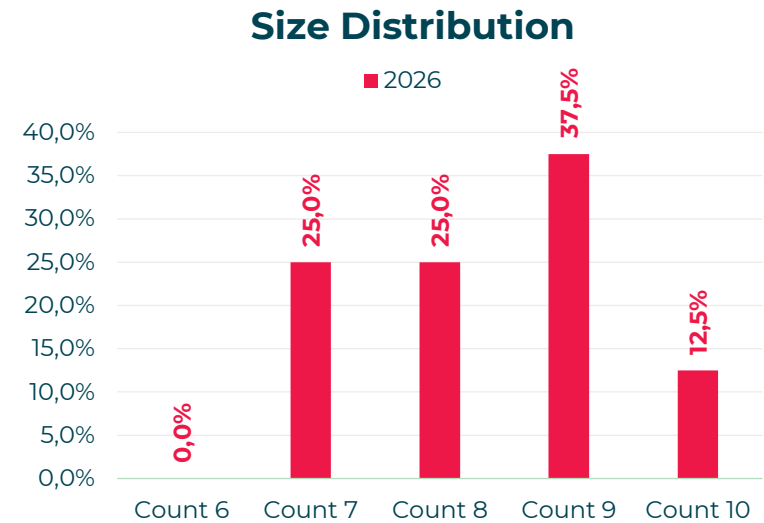
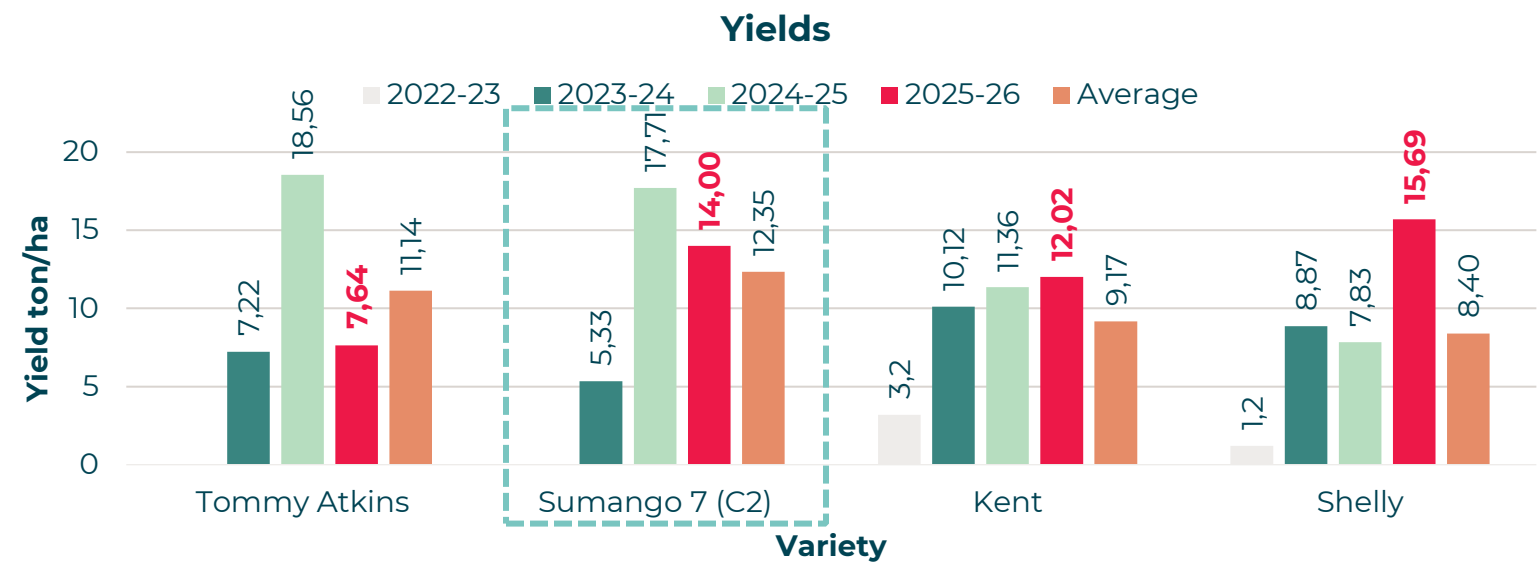


- Very early small red fruit • Colours externally before ripening • High yielding • Handles cold storage well

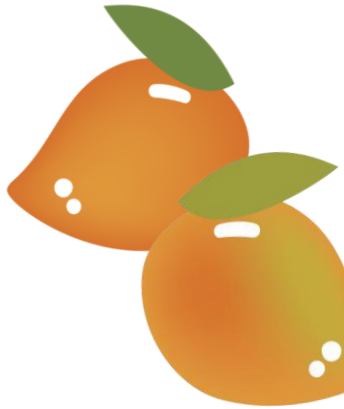
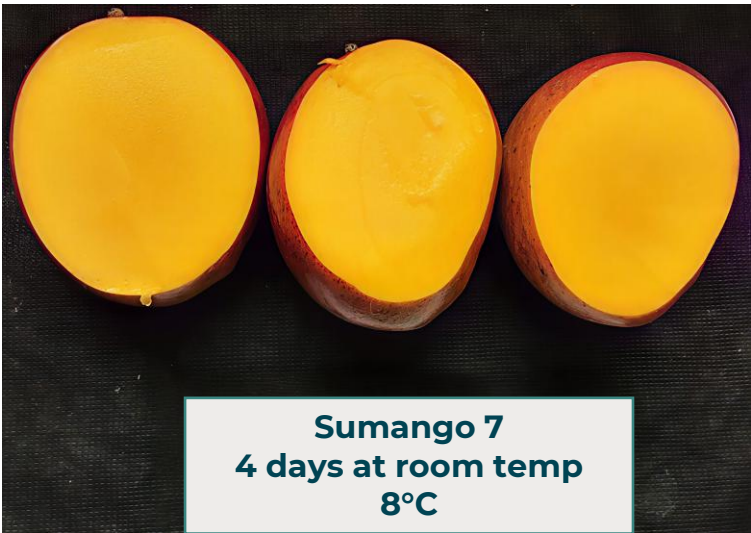
Yields



THE NEW KIDS ON THE BLOCK – SUMANGO 7 (C2)



- Mid-season attractive fruit
- Good size distribution
- Tangy taste
- Well received at Fruit Logistica

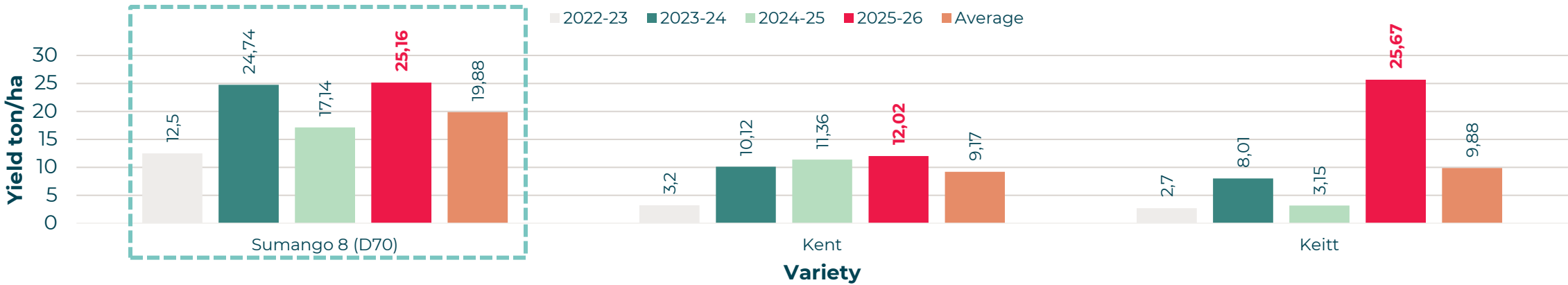


THE NEW KIDS ON THE BLOCK - SUMANGO 8 (D70)



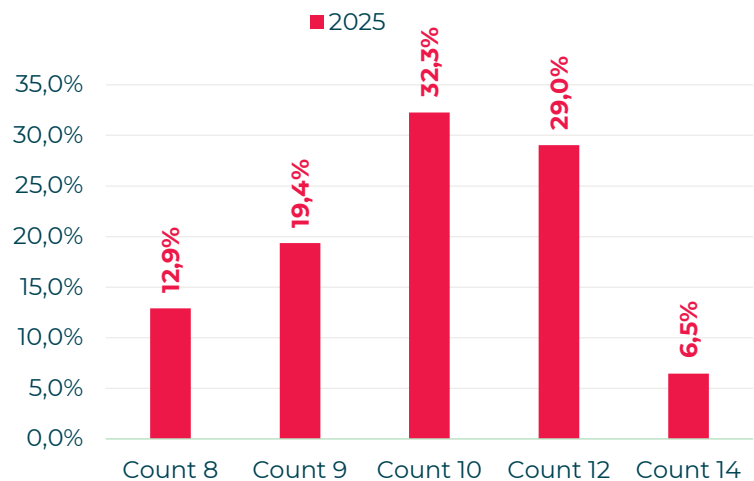
- Midseason • Excellent flavour • High yielding • Lenticeal at too cold storage and wet season

Yields

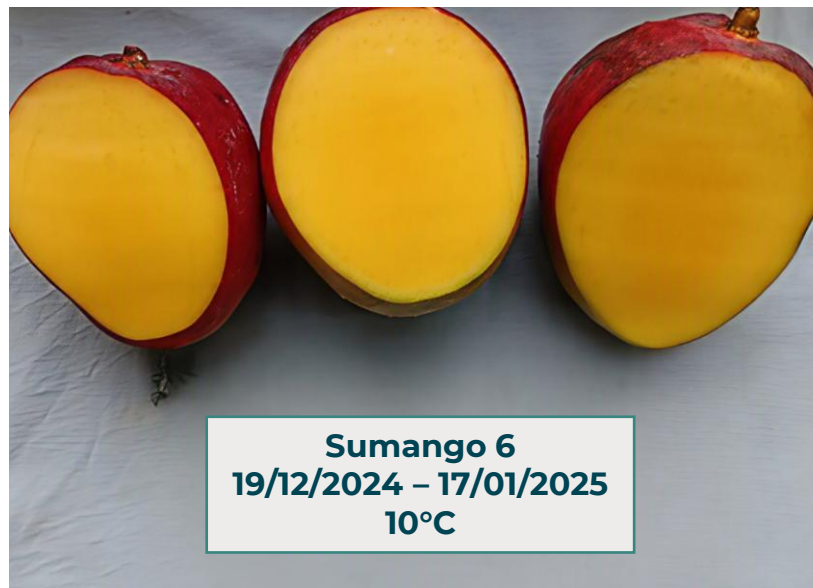


THE NEW KIDS – SUMANGO 6 (A70) EARLY, LOCAL

Size Distribution

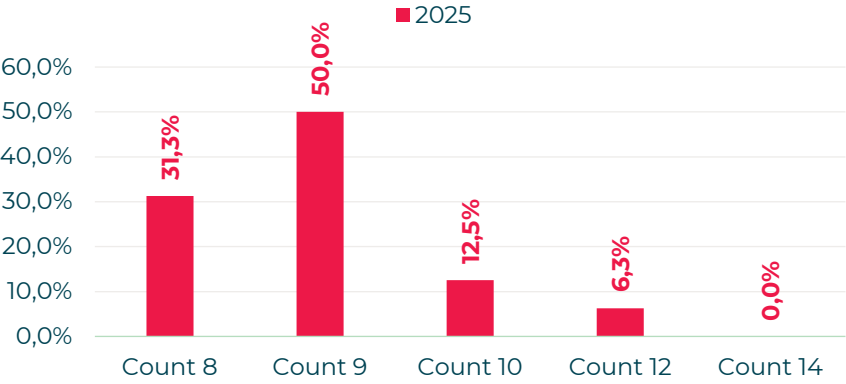


- Seedling of Tommy Atkins
- Very early season
- Nice taste, no strings
- Not for export under cold temperatures (prone to cold damage)

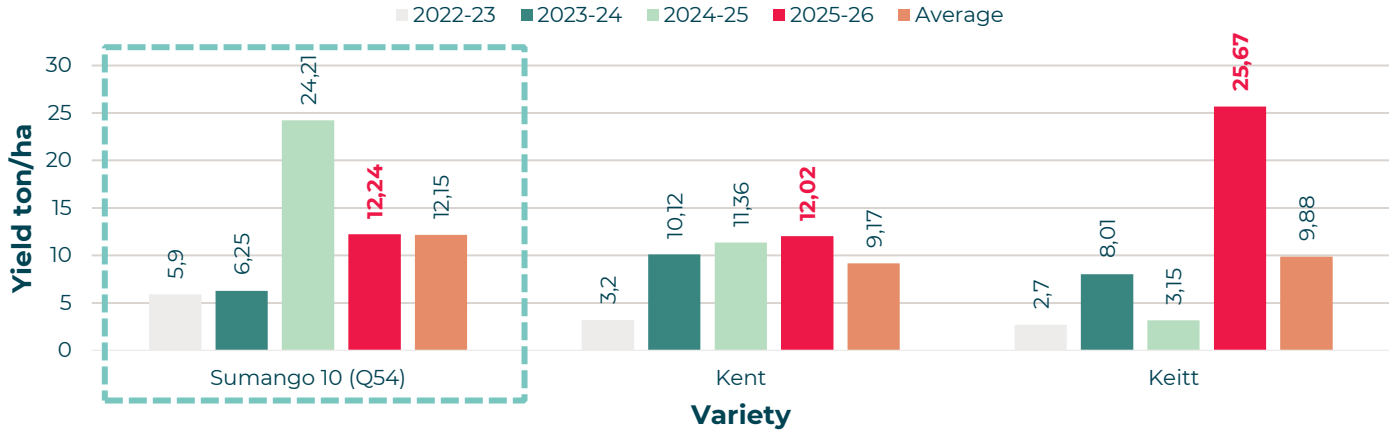


SUMANGO 10 (Q54) – “THE NOSY ONE”

Size Distribution



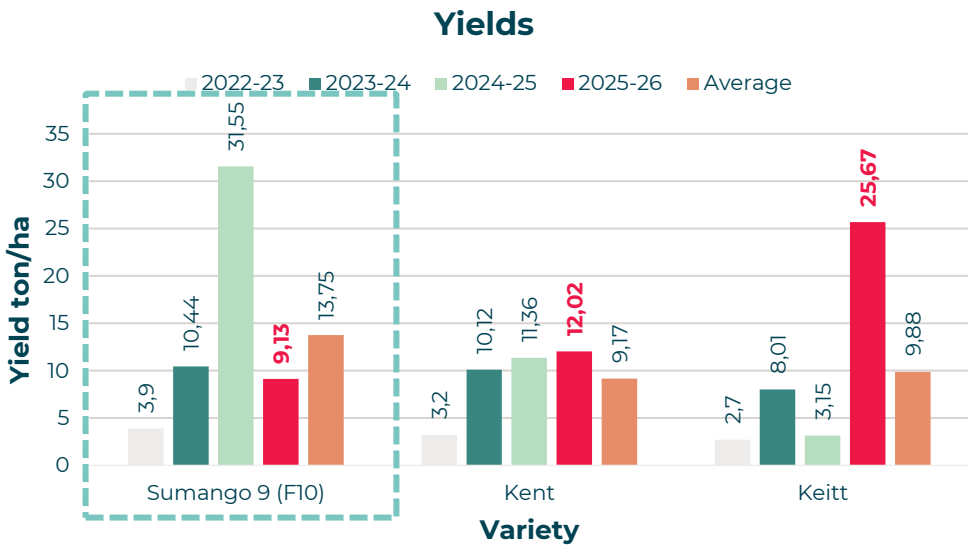
Yields



- Haden seedling • Mid Late season • Attractive • Excellent flavour • Sometimes two sets (early & late) • Stores well



SUMANGO 9 (F10) – “THE BIG BOY”



Thank you for your attention!

If interested, contact:

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or 082 496 8427



It's What's Next