

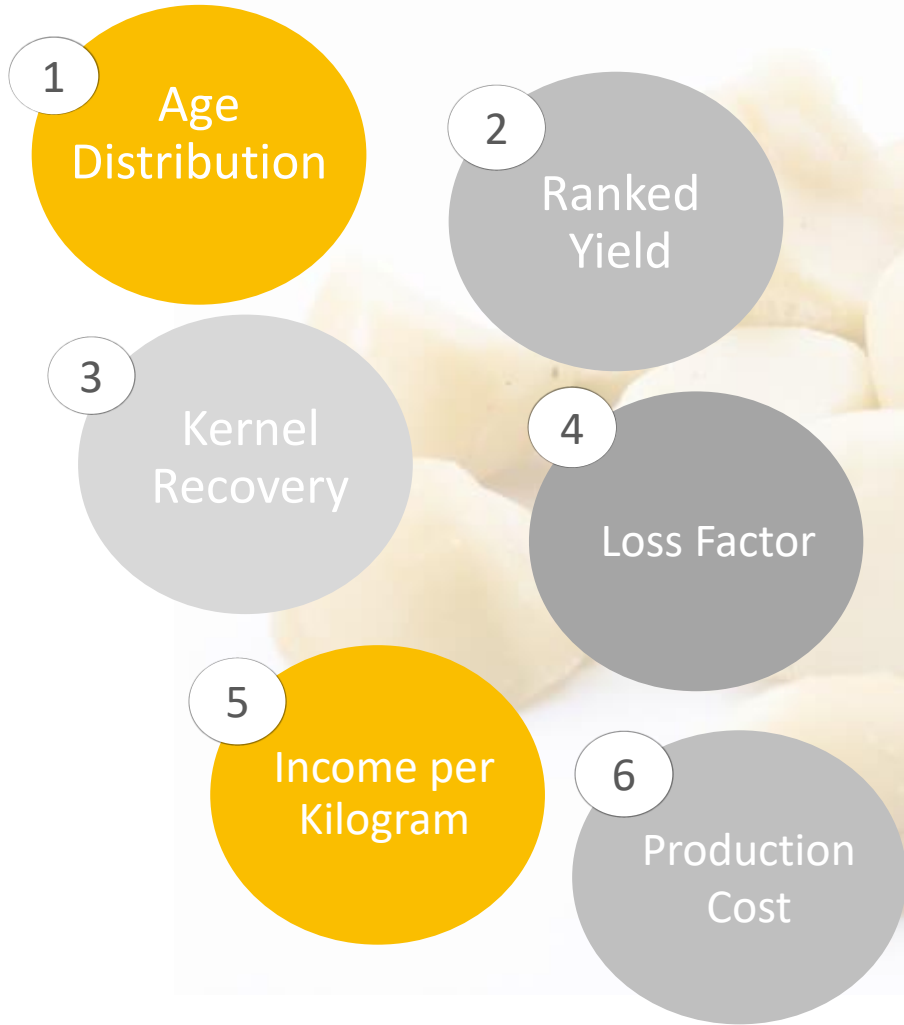
SAMAC Macadamia Day
10 November 2021



Source B.I.

Macadamia Benchmarks

Overview



1

The Macadamia Industry is still a very young industry. The age distribution of trees is an overview of the benchmark age distribution.

2

Ranked yield portrays the weighted average DIS per hectare for the various regions participating in the benchmark.

3

The kernel recovery portrays the weighted average SKR and USKR results for the various regions participating in the benchmark.

4

The Loss Factor Benchmark gives context to the reasons for losses realised making up total USKR

5

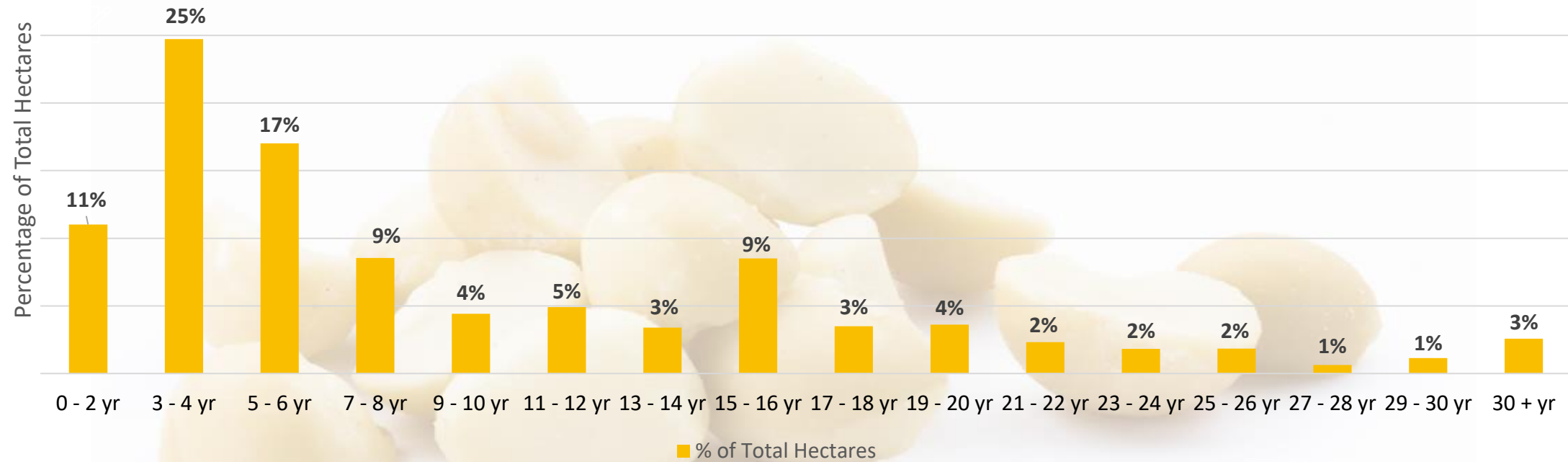
The income per kilogram portrays the weighted average back on farm income per kilogram for the various regions.

6

Production cost per hectare portrays the weighted average production cost per hectare for various production cost categories.



Age Distribution



Region

- Barberton • Levubu
- KZN North • Malelane
- KZN South • Nelspruit
- Letaba • Kiepersol

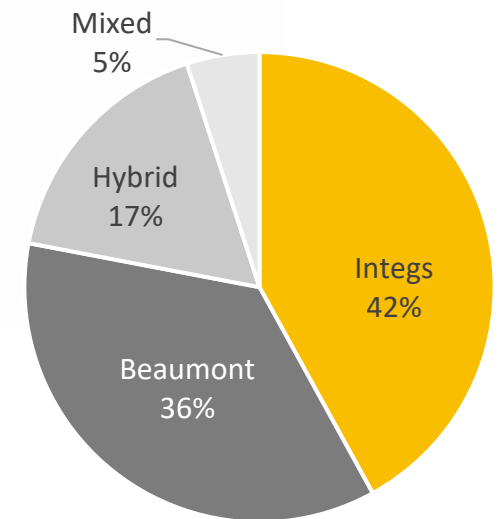
Produce

- Beaumont
- Integs
- Hybrid

Season

- 2021
- 2020
- 2019

Hectares
6 248



Benchmark **DIS** per Hectare

3 051
Kg/Ha

2 299
Kg/Ha

2 034
Kg/Ha

2019

2020

2021

Region

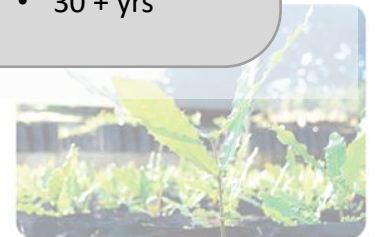
- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Produce

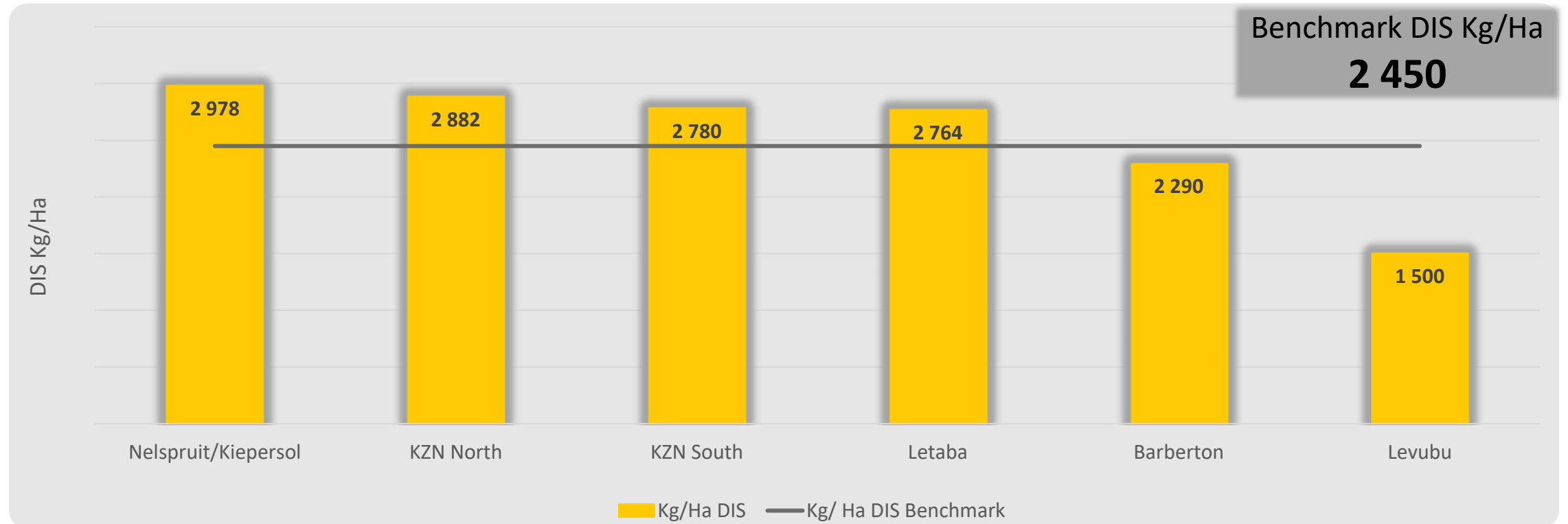
- Beaumont
- Integs
- Hybrid

Age Group Selection

- | | | | |
|------------|--------------|--------------|--------------|
| • 0 – 2 yr | • 9 – 10 yr | • 17 – 18 yr | • 25 – 26 yr |
| • 3 – 4 yr | • 11 – 12 yr | • 19 – 20 yr | • 27 – 28 yr |
| • 5 – 6 yr | • 13 – 14 yr | • 21 – 22 yr | • 29 – 30 yr |
| • 7 – 8 yr | • 15 – 16 yr | • 23 – 24 yr | • 30 + yrs |



DIS Yield Ranking



Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit/Kiepersol

Produce

- Beaumont
- Integs
- Hybrid

Season

- 2021
- 2020
- 2019

Age Group Selection

- 0 – 2 yr
- 3 – 4 yr
- 5 – 6 yr
- 7 – 8 yr
- 9 – 10 yr
- 11 – 12 yr
- 13 – 14 yr
- 15 – 16 yr
- 17 – 18 yr
- 19 – 20 yr
- 21 – 22 yr
- 23 – 24 yr
- 25 – 26 yr
- 27 – 28 yr
- 29 – 30 yr
- 30 + yrs



Kernel Recovery

Sound Kernel

33,3%

Unsound Kernel

2,6%

Total Kernel

35,9%

Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Produce

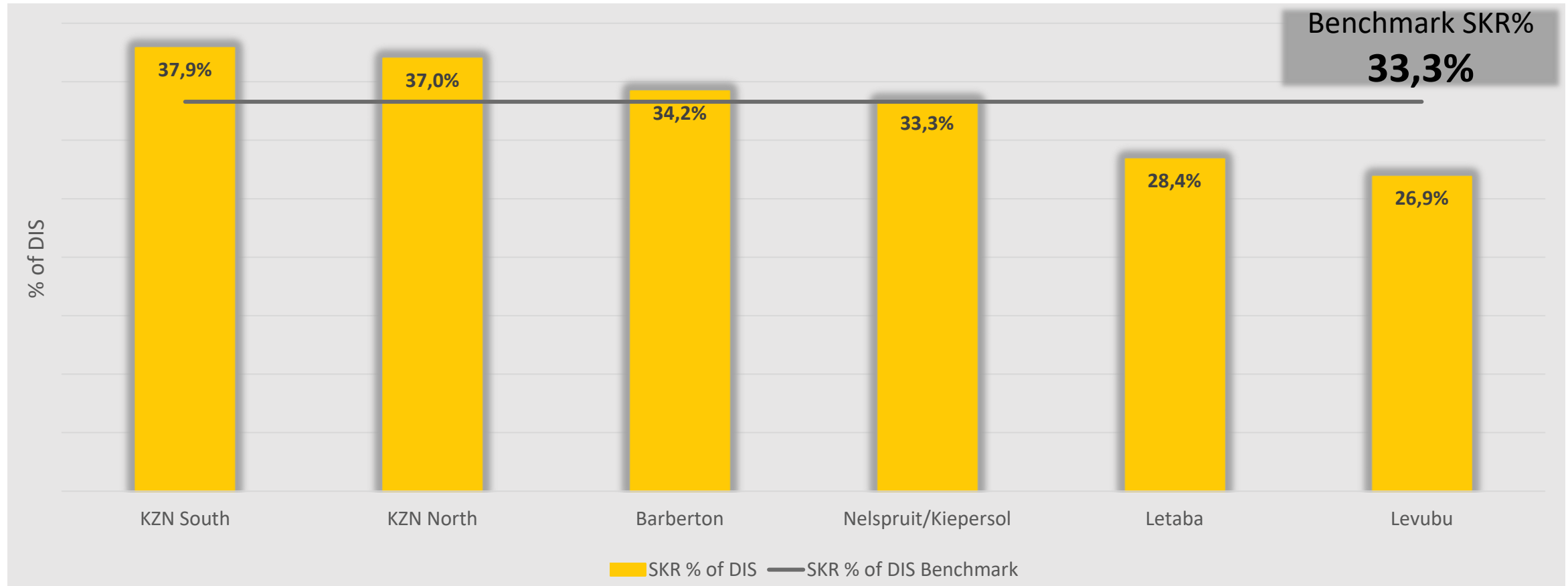
- Beaumont
- Integs
- Hybrid

Season

- 2021
- 2020
- 2019



Sound Kernel **Recovery**



Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Produce

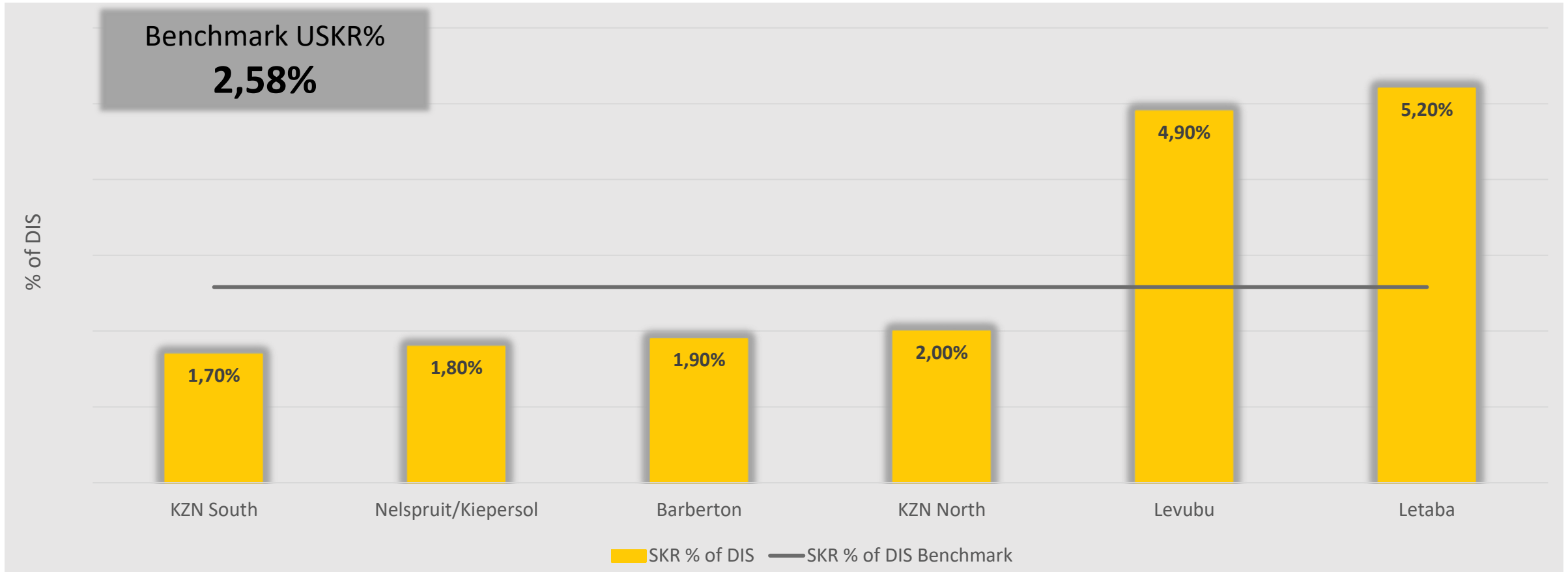
- Beaumont
- Integs
- Hybrid

Season

- 2021
- 2020
- 2019



Unsound Kernel Recovery



Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Produce

- Beaumont
- Integs
- Hybrid

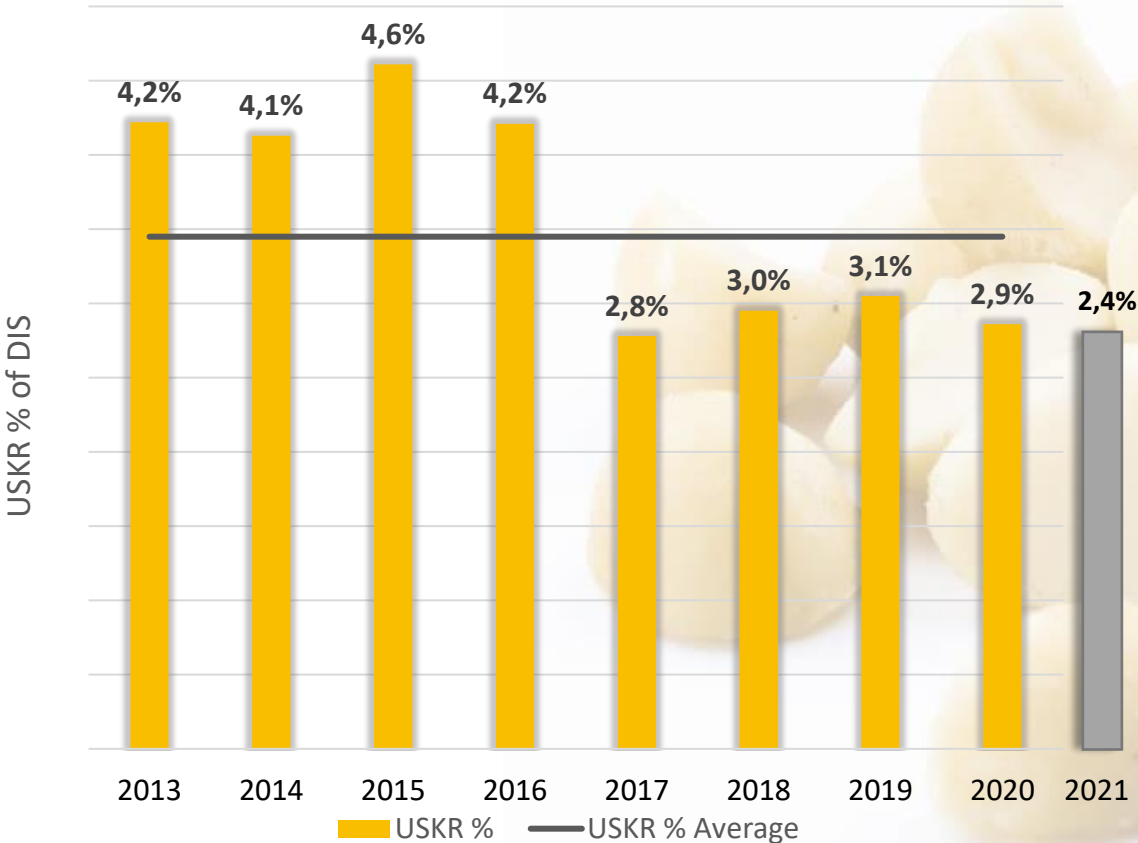
Season

- 2021
- 2020
- 2019

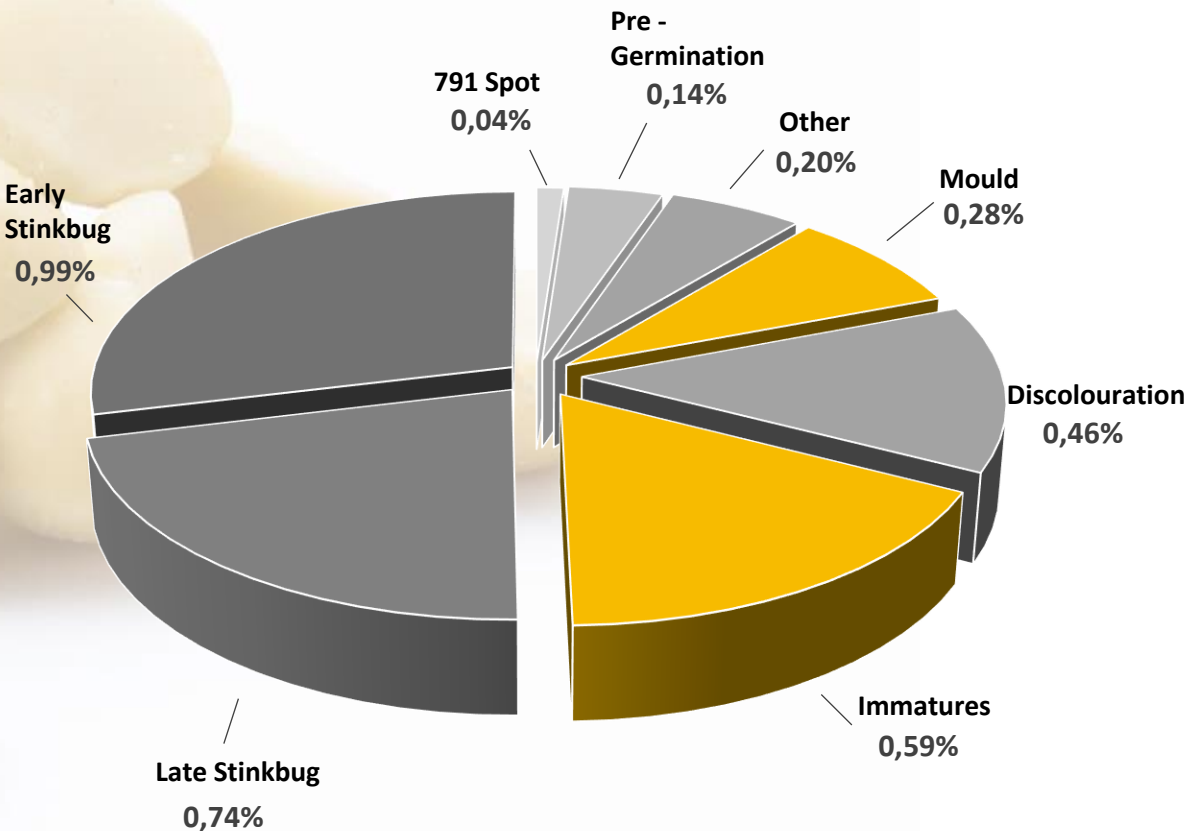


SAMAC Loss Factor Benchmark

Unsound Kernel Recovery



USKR % of DIS



Back-on-Farm **Income** per Kilogram

Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Produce

- Beaumont
- Integs
- Hybrid

2019

R73,85
per Kg

2020

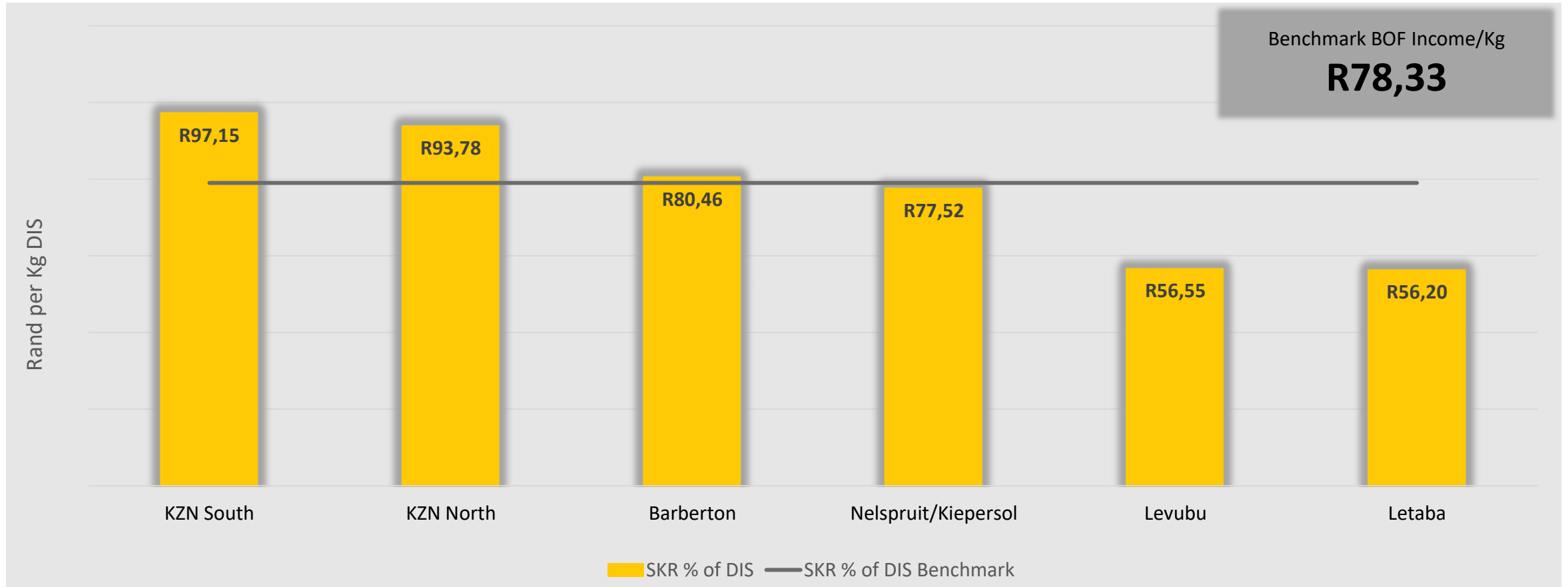
R83,63
per Kg

2021

R ?
per Kg



BOF Income per Kg



Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Season

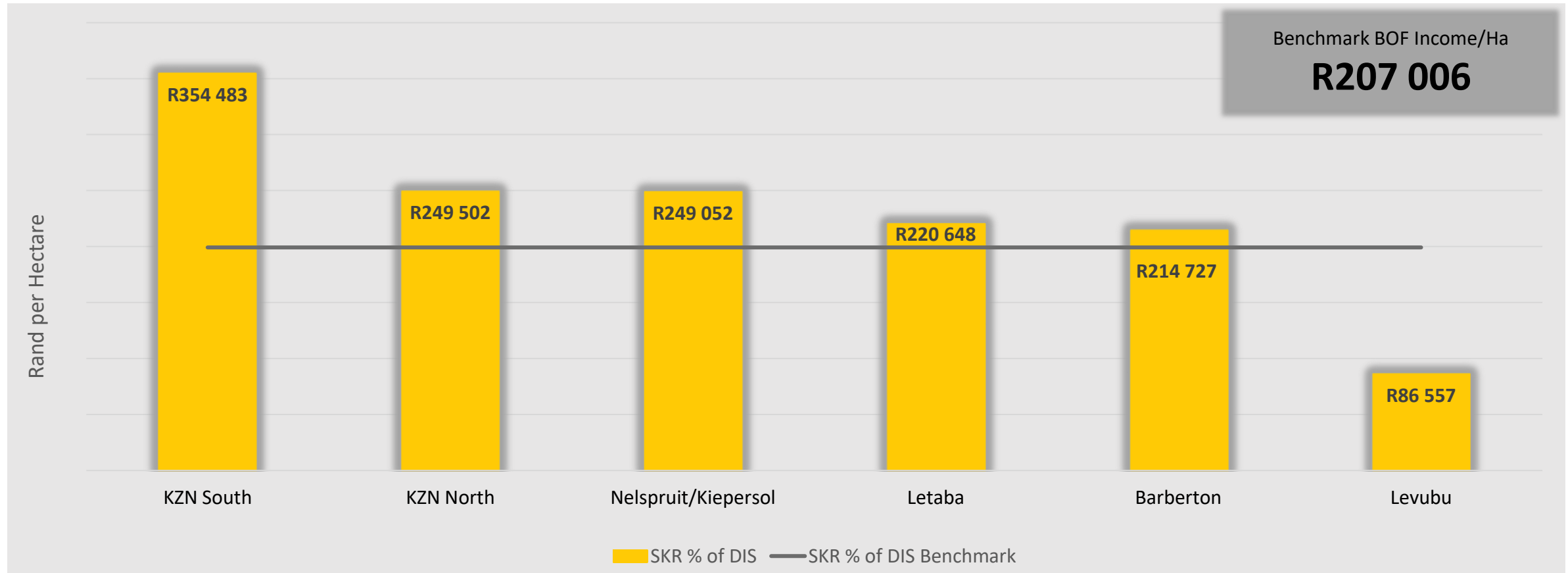
- 2020
- 2019

Produce

- Beaumont
- Integs
- Hybrid



BOF **Income** per Hectare



Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

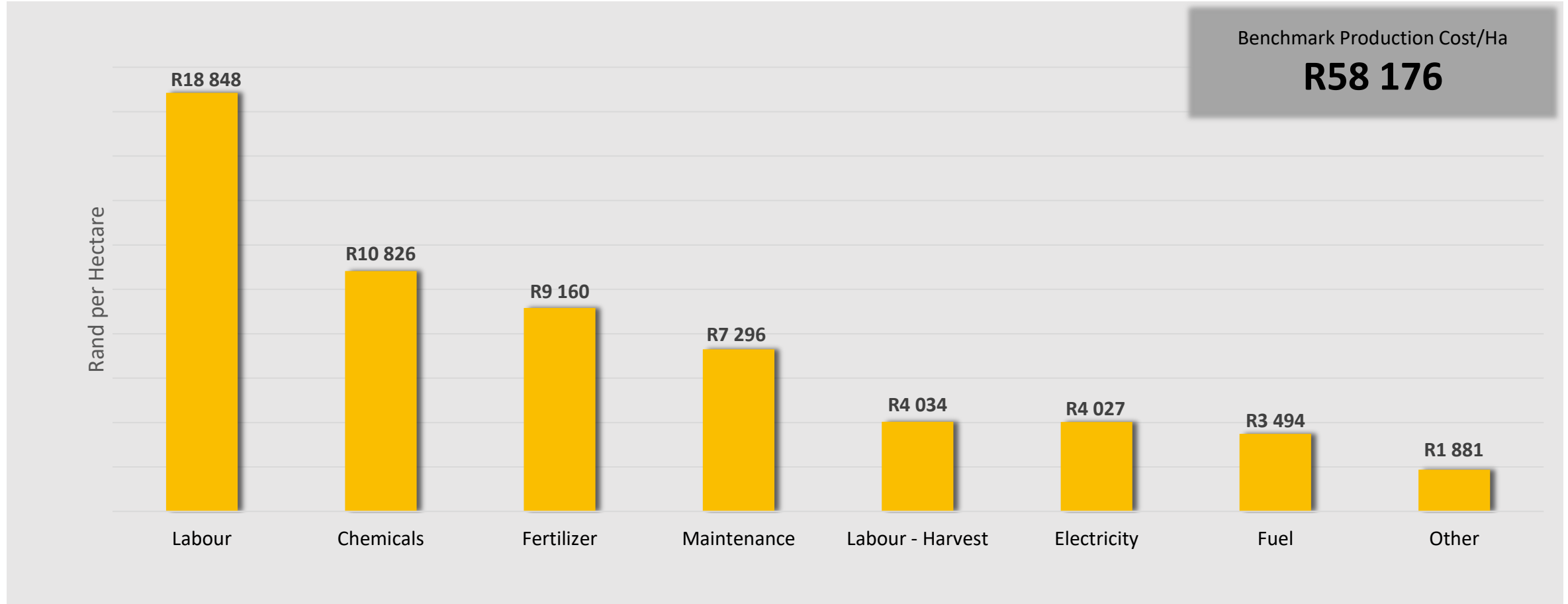
Season

- 2020
- 2019

Age Group Selection

- 0 – 2 yr
- 3 – 4 yr
- 5 – 6 yr
- 7 – 8 yr
- 9 – 10 yr
- 11 – 12 yr
- 13 – 14 yr
- 15 – 16 yr
- 17 – 18 yr
- 19 – 20 yr
- 21 – 22 yr
- 23 – 24 yr
- 25 – 26 yr
- 27 – 28 yr
- 29 – 30 yr
- 30 + yrs

Production Cost per Hectare



Region

- Barberton
- KZN North
- KZN South
- Letaba
- Levubu
- Malelane
- Nelspruit
- Kiepersol

Season

- 2020
- 2019

Farm Tree Age

- 0
- Trees aged 5 +



Macadamia Benchmark Model

**Go visit the
Benchmark Model**

Link: <https://sourcebi.co.za>
Username: mac@samac.co.za
Password: SAMAC10500

Check out Now



SAMAC Macadamia Day
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Thank You