



Kadie

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Kadie is a variety with high yield potential, high percentage plumpness and average kernel nitrogen and is recommended for the medium to high yield potential production areas in the Southern Cape (Dry land)

Leaf Blotch



Resistant

Net-form
Net Blotch



Moderately
Resistant

Spot-form
Net Blotch



Susceptible

Leaf Rust



Moderately
Resistant

Physiological
Leaf Spot



Absent

Long term data (5 years.
%) compared to the
control in the Southern
Cape

(Hessekwa = 100)



Planting date

Kadie has a medium-early ripeness.

Planting density

Kadie is a good tillering variety with prostrate early growth and can be planted at a seed density similar to Hessekwa.

Kernel nitrogen

Kadie has an average kernel nitrogen content.

Straw

Medium length straw with good straw strength.

Peduncle strength

Medium strong peduncle.

Average yield (kg/ha)

Area	Variety	2021	2020	2019	2018	2017
Western Rûens	Kadie	5597	6422	3741	6290	4828
	Hessekwa	5419	5270	3500	6122	4349
Southern Rûens	Kadie	6062	5638	3445	5446	3316
	Hessekwa	5437	5218	3216	5673	3117
Eastern Rûens	Kadie	5647	5079	3612	2584	3310
	Hessekwa	6041	4651	3452	2942	3506

Average percentage plumpness (> 2.5mm)

Area	Variety	2021	2020	2019	2018	2017
Western Rûens	Kadie	97.5	94.7	71.0	96.8	94.5
	Hessekwa	95.2	85.5	74.3	97.0	95.3
Southern Rûens	Kadie	97.5	97.6	68.6	91.1	97.2
	Hessekwa	96.5	97.1	77.0	90.1	96.9
Eastern Rûens	Kadie	94.3	93.7	76.9	89.3	97.2
	Hessekwa	91.5	90.0	80.9	91.1	96.7



Average kernel nitrogen

Area	Variety	2020	2019	2018	2017	2016
Western Rûens	Kadie	1.76	2.22	1.90	2.28	1.89
	Hessekwa	1.80	2.17	1.85	2.18	1.86
Southern Rûens	Kadie	1.95	2.35	2.20	2.07	1.85
	Hessekwa	1.86	2.39	2.26	1.92	1.88
Eastern Rûens	Kadie	2.03	2.49	2.26	1.97	2.02
	Hessekwa	2.03	2.41	2.27	1.91	2.00

Long term quality characteristics as percentage deviation from Hessekwa (Micro malting results)

