








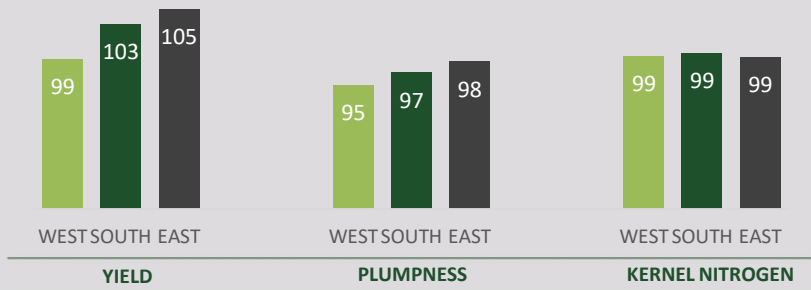
Malgas

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Malgas, an experimental variety, showcases exceptional yield potential, with plumpness and average kernel nitrogen levels slightly lower than Kadie. Highly recommended for cultivation across all production areas of the Southern Cape (Rainfed area).

Leaf Blotch	Net-form Net Blotch	Spot-form Net Blotch	Leaf Rust	Physiological Leaf Spot
				
Resistant	Susceptible	Moderately Susceptible	Moderately Resistant	Absent

Long term data (7 years. %) compared to the control in the Southern Cape



(Kadie = 100)

Planting date

Malgas has a medium maturity.

Planting density

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

Kernel nitrogen

Malgas has an average kernel nitrogen content.

Straw

Medium-short length straw with good straw strength.

Peduncle strength

Medium strong peduncle.

Average yield (kg/ha)

Area	Variety	2023	2022	2021	2020	2019
Western Rûens	Malgas	4122	3908	6205	6112	3947
	Kadie	4637	3636	5597	6422	3741
Southern Rûens	Malgas	4566	4685	5816	6192	3436
	Kadie	4529	4758	6062	5638	3445
Eastern Rûens	Malgas	3909	4025	6052	5417	3617
	Kadie	4034	3750	5647	5079	3612

Average percentage plumpness (> 2.5mm)

Area	Variety	2023	2022	2021	2020	2019
Western Rûens	Malgas	90.5	82.3	95.3	91.7	68.1
	Kadie	94.3	89.6	97.5	94.7	80.6
Southern Rûens	Malgas	87.7	87.3	96.7	96.9	59.8
	Kadie	89.5	92.4	97.5	97.3	66.8
Eastern Rûens	Malgas	91.8	93.1	91.7	90.6	67.1
	Kadie	89.3	88.2	94.3	93.7	76.9



Average kernel nitrogen

Area	Variety	2023	2022	2021	2020	2019
Western Rûens	Malgas	1.94	1.30	1.58	1.75	2.19
	Kadie	1.88	1.34	1.57	1.76	2.22
Southern Rûens	Malgas	2.02	1.76	1.65	2.04	2.30
	Kadie	1.94	1.86	1.63	2.06	2.35
Eastern Rûens	Malgas	1.66	1.84	2.06	2.03	2.54
	Kadie	1.67	1.97	2.01	2.03	2.49

