



Bitou

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Bitou showcases good yield potential, boasting a high percentage of plumpness and above-average kernel nitrogen content. It is highly recommended for cultivation in all production areas across the Southern Cape (Rainfed).

Leaf Blotch



Resistant

Net-form
Net Blotch



Moderately
Susceptible

Spot-form
Net Blotch



Susceptible

Leaf Rust



Moderately
Resistant

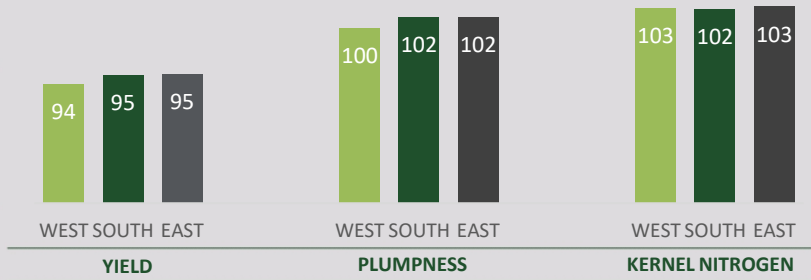
Physiological
Leaf Spot



Present

Long term data (9 years. %) compared to the control in the Southern Cape

(Kadie = 100)



Planting date

Bitou has a medium maturity.

Planting density

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

Kernel nitrogen

Bitou has an above average kernel nitrogen content.

Straw

Medium length straw with good straw strength.

Peduncle strength

Medium strong peduncle.

Average yield (kg/ha)

Area	Variety	2023	2022	2021	2020	2019
Western Rûens	Bitou	3939	3629	5578	5340	3609
	Kadie	4637	3636	5597	6422	3741
Southern Rûens	Bitou	3615	4296	5457	5432	3003
	Kadie	4529	4758	6062	5638	3445
Eastern Rûens	Bitou	3258	3426	5551	4648	3096
	Kadie	4034	3750	5647	5079	3612

Average percentage plumpness (> 2.5mm)

Area	Variety	2023	2022	2021	2020	2019
Western Rûens	Bitou	89.2	97.0	97.6	92.3	82.7
	Kadie	94.3	89.6	97.5	94.7	80.6
Southern Rûens	Bitou	84.7	94.0	98.2	97.8	82.1
	Kadie	89.5	92.4	97.5	97.3	66.8
Eastern Rûens	Bitou	93.6	94.5	94.0	92.4	89.2
	Kadie	89.3	88.2	94.3	93.7	76.9



Average kernel nitrogen

Area	Variety	2023	2022	2021	2020	2019
Western Rûens	Bitou	2.32	1.83	1.63	1.32	1.92
	Kadie	1.88	1.34	1.57	1.76	2.22
Southern Rûens	Bitou	2.41	2.05	1.73	1.88	2.02
	Kadie	1.94	1.86	1.63	2.06	2.35
Eastern Rûens	Bitou	2.58	2.09	2.11	1.97	1.71
	Kadie	1.67	1.97	2.01	2.03	2.49

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

