



Bitou

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

Leaf Blotch



Resistant

Net-form
Net Blotch



Moderately
Susceptible

Spot-form
Net Blotch



Susceptible

Leaf Rust



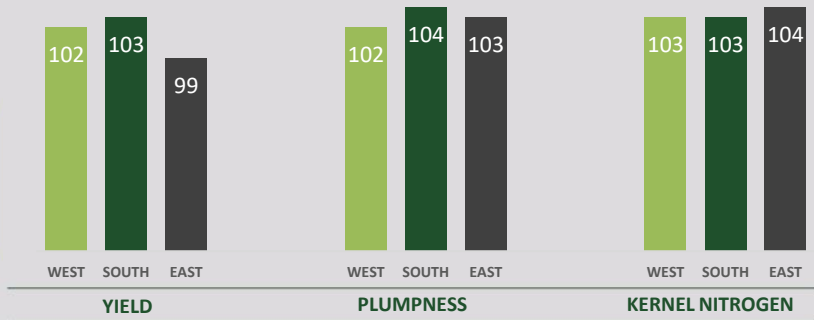
Moderately
Resistant

Physiological
Leaf Spot



Present

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



(Hessekwa = 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 Hessekwa.

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	2020	2019	2018	2017	2016
Western Rûens	Bitou	5340	3609	5905	4535	5652
	Hessekwa	5270	3500	6122	4349	5250
Southern Rûens	Bitou	5433	3003	5733	3317	5419
	Hessekwa	5218	3216	5673	3117	5078
Eastern Rûens	Bitou	4649	3096	2761	3551	4528
	Hessekwa	4651	3452	2942	3506	4159

Average percentage plumpness (> 2.5mm)

Area	Variety	2019	2019	2018	2017	2016
Western Rûens	Bitou	92,4	82,7	97,8	94,6	94,1
	Hessekwa	85,8	81,8	97,0	95,3	94,1
Southern Rûens	Bitou	97,6	82,1	91,9	97,7	94,8
	Hessekwa	97,1	70,5	89,9	96,9	92,9
Eastern Rûens	Bitou	92,4	89,2	91,0	96,0	93,3
	Hessekwa	90,0	80,9	91,1	96,7	89,5



Average kernel nitrogen

Area	Variety	2020	2019	2018	2017	2016
Western Rûens	Bitou	1,74	2,32	2,02	2,11	1,95
	Hessekwa	1,80	2,17	1,85	2,18	1,86
Southern Rûens	Bitou	1,92	2,41	2,30	2,10	1,86
	Hessekwa	1,86	2,39	2,26	1,92	1,88
Eastern Rûens	Bitou	2,09	2,58	2,34	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)

