



SABBI

S5

S5

S5 is a variety with high yield potential, high percentage plumpness and average kernel nitrogen and is recommended for the high potential production areas in the Southern Cape

Leaf Blotch



Susceptible

Net-form
Net Blotch



Susceptible

Spot-form
Net Blotch



Susceptible

Leaf Rust



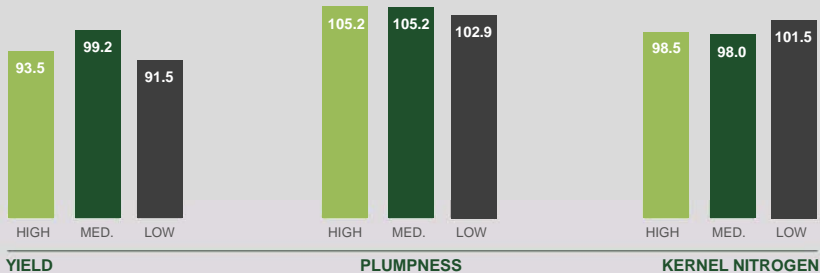
Resistant

Physiological
Leaf Spot



Absent

Long term regional treated data (9 years, %) compared to the control in the Southern Cape



Planting date

S5 has an average maturity and must be sowed approximately the same time as Erica

Planting density

S5 is a good tillering variety with prostrate early growth, and can be planted at a seed density similar to Erica.

Kernel Nitrogen

Husbandry trial data shows that S5 achieve similar kernel nitrogen levels compared to Erica. The suggested fertiliser rates should be the same as Erica.

Straw

Medium short straw with good straw strength.

Peduncle strength

Medium strong peduncle




Average yield (kg/ha)

Area	Variety	2011	2010	2009	2008	2007	2006	2005	2004
High Potential	Erica	6982	4208	5996	5454	5745	4679	4737	3696
	S5	6488	3063	5118	5124	5553	4498	4801	3683
Medium Potential	Erica	6219	2978	4658	2978	3606	4668	4094	2909
	S5	6134	2268	4385	4665	4005	4424	3914	2940
Low Potential	Erica	6888	2297	3823	4320	4838	3780	4577	3328
	S5	6561	2056	3228	3427	4505	3903	4127	3147

Average percentage plumpness (> 2.5mm)

Area	Variety	2011	2010	2009	2008	2007	2006	2005	2004
High Potential	Erica	81.3	95.1	89.0	92.4	91.3	81.7	80.6	88.8
	S5	86.6	98.1	92.2	94.6	93.4	90.6	90.2	94.3
Medium Potential	Erica	74.3	84.9	94.4	93.8	86.7	84.1	89.6	85.9
	S5	88.0	92.4	94.8	95.8	95.6	87.9	91.1	91.6
Low Potential	Erica	89.2	91.3	89.9	96.0	87.3	86.2	85.0	88.5
	S5	95.0	95.8	90.0	94.3	93.8	87.0	91.9	89.9



Average Kernel Nitrogen

Area	Variety	2011	2010	2009	2008	2007	2006	2005	2004
High Potential	Erica	1.95	1.67	1.84	1.83	1.66	1.87	1.69	1.51
	S5	1.95	1.70	1.78	1.82	1.66	1.87	1.64	1.52
Medium Potential	Erica	2.10	1.94	1.59	1.83	1.66	1.62	1.73	1.76
	S5	2.10	1.95	1.58	1.75	1.53	1.60	1.73	1.73
Low Potential	Erica	1.94	2.11	1.59	1.93	1.59	1.99	2.23	1.92
	S5	1.95	2.20	1.71	1.91	1.65	1.90	2.28	1.93

Long term quality characteristics as percentage deviation from Erica (Micromalting results)

