



**SABBI**

**S6**

# S6

S6 is a variety with high yield potential, average percentage plumpness and low kernel nitrogen and is recommended for the medium to high potential production areas in the Southern Cape

Leaf Blotch



Resistant

Net-form  
Net Blotch



Moderately  
Susceptible

Spot-form  
Net Blotch



Moderately  
Susceptible

Leaf Rust



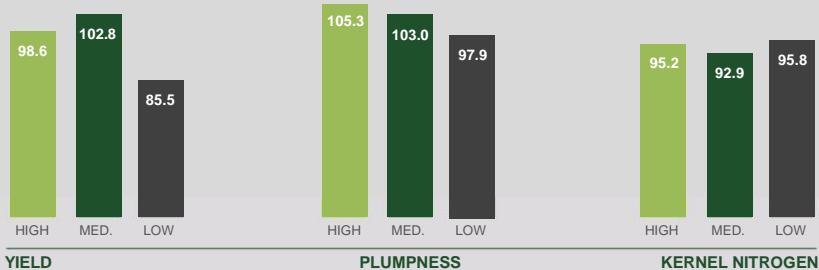
Moderately  
Susceptible

Physiological  
Leaf Spot



Absent

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



### Planting date

S6 has an average maturity and must be sowed approximately the same time as Erica

### Planting density

S6 is a medium tillering variety with erect early growth, and can be planted at a seed density 5% higher than Erica.

### Kernel Nitrogen

S6 achieve 5% lower kernel nitrogen levels compared to Erica. The suggested fertiliser rates should be adjusted accordingly compared to Erica

### Straw

Medium 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
	S6	6768	3005	6076	5494	5385	4717	4872	3858
Medium Potential	Erica	6219	2978	4658	2978	3606	4668	4094	2909
	S6	6142	2280	4037	4979	3808	4622	3745	3523
Low Potential	Erica	6888	2297	3823	4320	4838	3780	4577	3328
	S6	6061	1732	3001	3686	3733	3584	3500	3149

**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
	S6	94.8	97.2	95.1	94.7	95.3	83.9	82.9	95.4
Medium Potential	Erica	74.3	84.9	94.4	93.8	86.7	84.1	89.6	85.9
	S6	86.7	82.8	92.9	95.3	93.1	86.0	88.9	94.3
Low Potential	Erica	89.2	91.3	89.9	96.0	87.3	86.2	85.0	88.5
	S6	93.6	88.0	86.3	93.0	82.1	81.5	83.4	90.9



## 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
	S6	1.93	1.69	1.72	1.75	1.66	1.76	1.53	1.59
Medium Potential	Erica	2.10	1.94	1.59	1.83	1.66	1.62	1.73	1.76
	S6	2.10	1.94	1.50	1.59	1.58	1.53	1.56	1.59
Low Potential	Erica	1.94	2.11	1.59	1.93	1.59	1.99	2.23	1.92
	S6	1.94	1.99	1.74	1.58	1.71	1.76	2.30	1.70

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

