



SABBI

SSG 564

SSG 564

SSG 564 is a variety with average yield potential, average percentage plumpness and average kernel nitrogen and is recommended for all the production areas in the Southern Cape (Dry land)

Leaf Blotch



Moderately
Resistant

Net-form
Net Blotch



Moderately
Susceptible

Spot-form
Net Blotch



Moderately
Susceptible

Leaf Rust



Susceptible

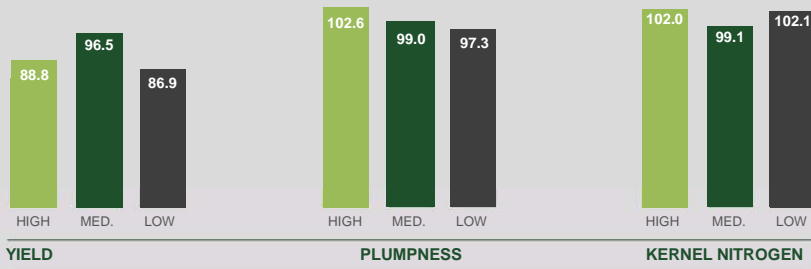
Physiological
Leaf Spot



Absent

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

(Erica = 100)



Planting date

SSG 564 has an average maturity.

Planting density

SSG 564 is a medium tillering variety with erect early growth, and should be planted at a seed density of approximately 60 – 80 kg/ha

Kernel Nitrogen

Husbandry trial data shows that SSG 564 achieve similar kernel nitrogen levels compared to Erica. The suggested fertiliser rates should be the same as Erica.

Straw

SSG 564 has medium/long straw with average to poor straw strength. In high potential areas straw strength could potentially become a problem.

Peduncle strength

Medium weak peduncle strength..




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
	SSG 564	6418	3825	4889	5212	4609	3968	4515	3465
Medium Potential	Erica	6219	2978	4658	2978	3606	4668	4094	2909
	SSG 564	5210	2374	3926	4619	3782	4291	3642	3106
Low Potential	Erica	6888	2297	3823	4320	4838	3780	4577	3328
	SSG 564	5755	1985	2968	3473	4942	3607	3340	2904

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
	SSG 564	93.2	94.1	92.5	92.5	93.6	83.3	85.1	93.8
Medium Potential	Erica	74.3	84.9	94.4	93.8	86.7	84.1	89.6	85.9
	SSG 564	75.1	76.0	92.1	92.3	90.1	84.4	88.9	87.9
Low Potential	Erica	89.2	91.3	89.9	96.0	87.3	86.2	85.0	88.5
	SSG 564	82.8	83.9	88.1	97.2	89.0	84.6	84.4	85.2



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
	SSG 564	1.97	1.77	1.91	1.83	1.77	1.83	1.74	1.59
Medium Potential	Erica	2.10	1.94	1.59	1.83	1.66	1.62	1.73	1.76
	SSG 564	2.08	1.94	1.64	1.81	1.67	1.59	1.74	1.67
Low Potential	Erica	1.94	2.11	1.59	1.93	1.59	1.99	2.23	1.92
	SSG 564	2.00	2.11	1.85	1.76	1.59	1.88	2.38	1.95

