



SABBI

Nemesia

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

Leaf Blotch



Susceptible

Net-form
Net Blotch



Moderately
Susceptible

Spot-form
Net Blotch



Susceptible

Leaf Rust



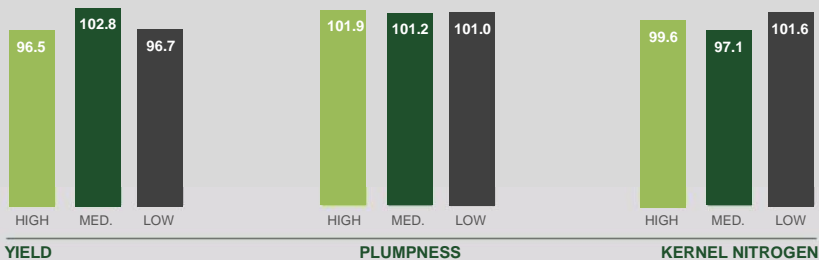
Resistant

Physiological
Leaf Spot



Absent

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



Planting date

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

Planting density

Nemesia 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 Nemesia 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
	Nemesia	6679	3940	4872	5792	5189	4786	4743	3798
Medium Potential	Erica	6219	2978	4658	2978	3606	4668	4094	2909
	Nemesia	5787	2478	4416	5261	3710	4668	4119	2921
Low Potential	Erica	6888	2297	3823	4320	4838	3780	4577	3328
	Nemesia	6768	2075	3566	3678	4997	4329	4117	3200

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
	Nemesia	89.1	95.9	86.5	91.0	91.0	87.9	82.5	92.3
Medium Potential	Erica	74.3	84.9	94.4	93.8	86.7	84.1	89.6	85.9
	Nemesia	80.3	88.5	92.4	95.7	91.4	86.4	85.4	85.0
Low Potential	Erica	89.2	91.3	89.9	96.0	87.3	86.2	85.0	88.5
	Nemesia	91.6	90.6	87.9	95.2	91.9	86.9	89.0	89.0



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
	Nemesia	1.86	1.77	1.78	1.87	1.71	1.91	1.65	1.51
Medium Potential	Erica	2.10	1.94	1.59	1.83	1.66	1.62	1.73	1.76
	Nemesia	2.20	1.88	1.56	1.70	1.56	1.62	1.72	1.62
Low Potential	Erica	1.94	2.11	1.59	1.93	1.59	1.99	2.23	1.92
	Nemesia	1.98	2.15	1.76	1.91	1.62	1.91	2.30	1.88

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

