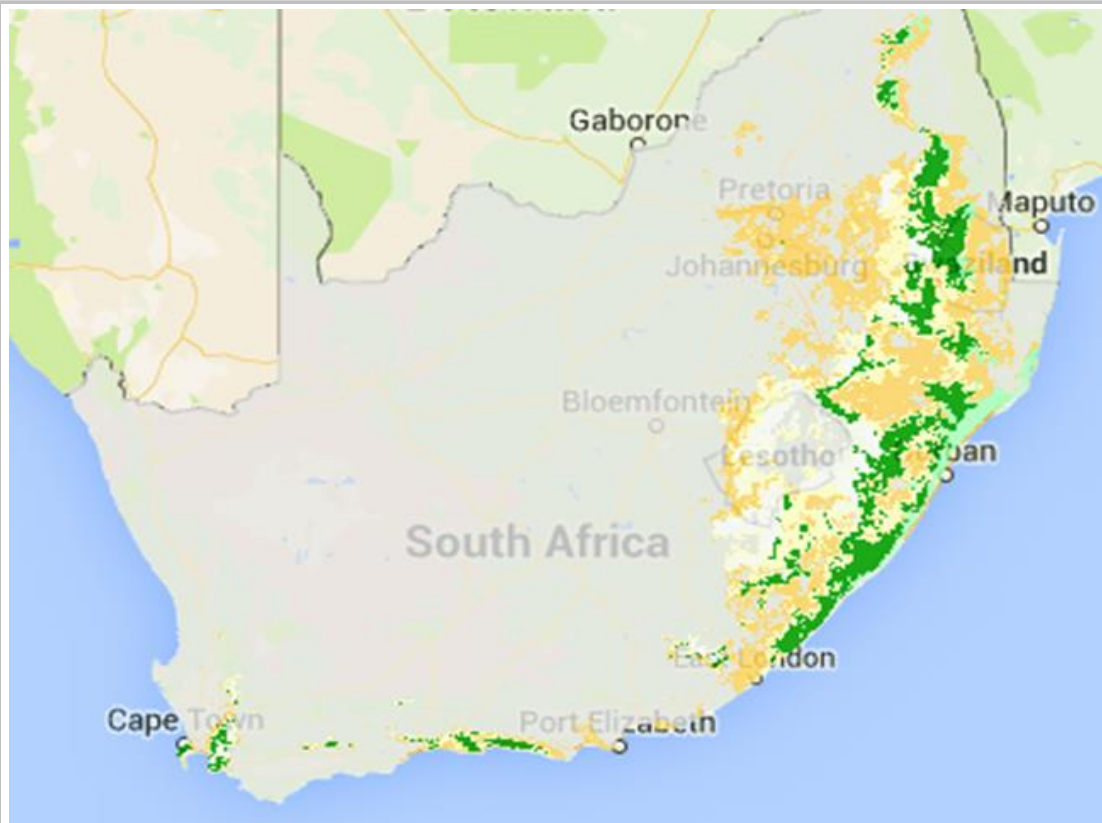


Climatically Optimum Growth Areas of *Pinus taeda*

Legend

Pinus-taeda Growth Areas



Author(s): Derived from Schulze, R.E and Maharaj, M (2007)

Date: 2007

Meta-Data

Title	Climatically Optimum Growth Areas of <i>Pinus taeda</i>
File Name	pin_tae
Author(s)	Derived from Schulze, R.E and Maharaj, M (2007)
Publication Date	2007
Citation	Schulze, R.E. and Maharaj, M. 2007. <i>Pinus taeda</i> Growth Areas and Yield Estimation. In: Schulze, R.E. (Ed). 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06, Section 18.8.
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Abstract	<p>*The dataset shows climatically optimum growth areas and yield estimates of <i>Pinus taeda</i>. *Yield estimates were derived from Schulze R.E. and Maharaj M. (2007).</p> <p>*The map shows the climatically optimum growth areas to be along the north coast of the Eastern Cape, significant tracts in the midlands of KwaZulu-Natal, and parts of Mpumalanga. Major climatic growth constraints are drought related. Highest Mean Annual Increments (MAIs), according to Smith's (1994) equations, are 20 - 22 t/ha/annum and these coincide with the climatically optimum growth areas.</p>
Keywords	agriculture, biomass, growth areas, pinus taeda, yield estimation

Caveats	http://bea.dirisa.org/resources/metadata-sheets/WP03_00_META_PIN_TAE.pdf
Web Meta-Data	
Web Resource	http://app01.saeon.ac.za:8082/geoserver/BEEH_grid/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEEH_grid:pin_tae&styles=&bbox=16.458333,-34.841667,32.908333,-22.141667&width=512&height=395&srs=EPSG:4326&format=application/openlayers

Methodology/ Protocol

Processing/ Provenance	<i>As described above</i>
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Important Attributes

PIN_TAE	<i>Pinus taeda</i> growth areas and yield estimates, t/ha
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References and Sources

[1]	<i>Pinus taeda</i> Yield Estimates: http://app01.saeon.ac.za:8082/geoserver/BEEH_grid/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEEH_grid:mai_pta&styles=&bbox=16.458333,-34.841667,32.908333,-22.141667&width=512&height=395&srs=EPSG:4326&format=application/openlayers
[2]	Schulze, R.E. and Maharaj, M. 2007. <i>Pinus taeda</i> Growth Areas and Yield Estimation. In: Schulze, R.E. (Ed). 2007. South African Atlas of Climatology and Agrohydrology. Water Research Commission, Pretoria, RSA, WRC Report 1489/1/06, Section 18.8.