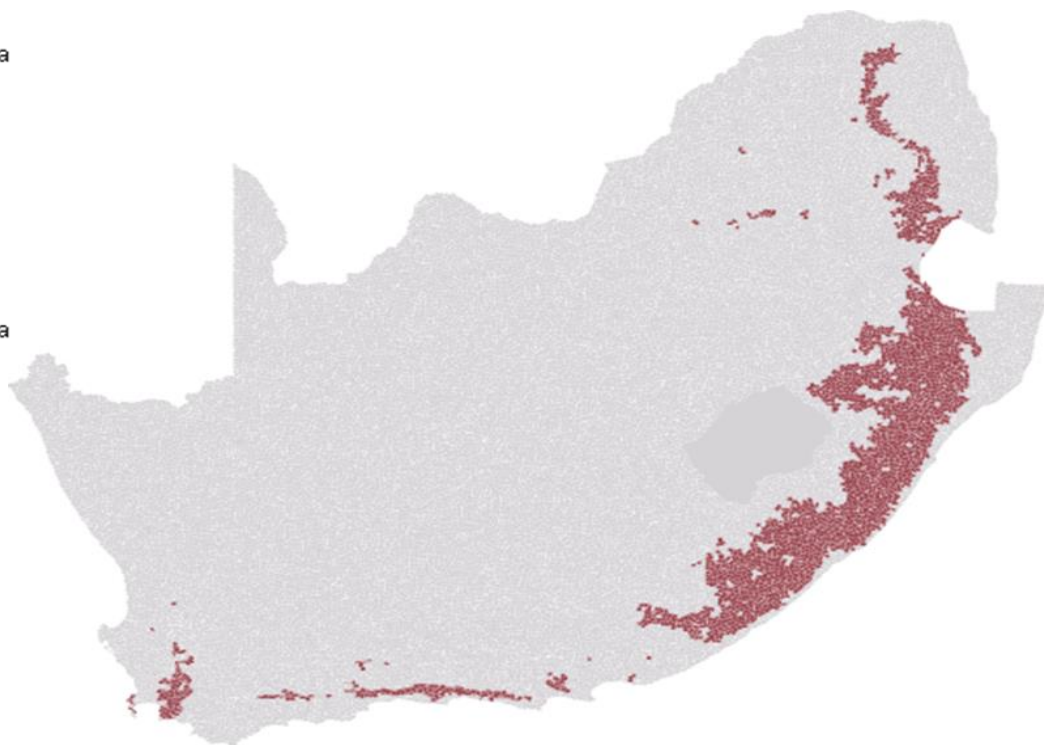
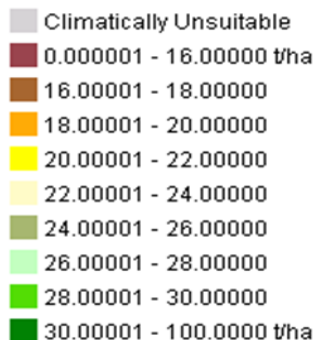


Acacia mearnsii - timber Yield Estimation**Legend**

Acacia mearnsii - timber Yield



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

Date: 2007

Meta-Data

Title	Acacia mearnsii - timber Yield Estimates per mesozone
File Name	Join_meso_base_and_mai_bwt_int_pt.shp
Author(s)	Derived from Schulze, R.E and Maharaj, M (2007)
Publication Date	2007
Citation	Schulze, R.E. and Maharaj, M. 2007. <i>Acacia mearnsii</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 18.5.
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Abstract	<p>*The dataset shows <i>Acacia mearnsii</i> - timber yield estimates allocated to mesozones. Yield estimates were derived from Schulze R.E. and Maharaj M. (2007) and then allocated to mesozones by combining with a base mesozone layer obtained from the CSIR Geospatial Analysis Platform (GAP).</p> <p>*The map of climatically optimum growth areas shows the main potential areas for <i>A. mearnsii</i> to be in a strip along the coast of the Eastern Cape, parts of the midlands and northwest of KwaZulu-Natal and a strip in Mpumalanga, with smaller patches of climatically optimum areas elsewhere.</p> <p>*Areas of highest yields of <i>A. mearnsii</i> timber correspond with those of bark, with significant tracts of the northeast of the Eastern Cape displaying considerable potential for future black wattle plantations.</p>
Keywords	<i>acacia mearnsii</i> , agriculture, biomass, mesozones, yield estimation, timber
Caveats	http://bea.dirisa.org/resources/metadata-sheets/WP03_00_META_BWT.pdf
Web Meta-Data	
Web Resource	http://app01.saeon.ac.za:8086/geoserver/BEA/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEA:Join_meso_base_and_mai_bwt_int_pt&styles=&bbox=16.4519200002853,-34.83416989569373,32.89253174669768,-22.12503000000106&width=512&height=395&srs=EPSG:4326&format=application/openlayers

Methodology/ Protocol

Processing/ Provenance	As described above
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Important Attributes

MESO_ID	Meso-zone ID
AVG_GRID_C	<i>Acacia mearnsii</i> - timber yield estimate, t/ha

References and Sources

[1]	<p><i>Acacia mearnsii</i> -timber Growth Areas and Yield Estimation: http://196.21.191.61:8082/geoserver/BEEH_grid/wms?service=WMS&version=1.1.0&request=GetMap&layers=BEEH_grid:mai_bwt&styles=&bbox=16.458333,-34.841667,32.908333,-22.141667&width=512&height=395&srs=EPSG:4326&format=application/openlayers</p>
[2]	<p>Base Mesozone Dataset: http://196.21.191.61:8085/geoserver/GAP/wms?service=WMS&version=1.1.0&request=GetMap&layers=GAP:meso_2010_base_wgs84&styles=&bbox=16.451920000285,-34.8341698956937,32.8925317466977,-22.1250300000011&width=512&height=395&srs=EPSG:4326&format=application/openlayers</p>
[2]	<p>Geospatial Analysis Platform. 2015. GAP. [ONLINE] Available at: http://www.gap.csir.co.za/. [Accessed 30 March 2015].</p>
[3]	<p>Schulze, R.E. and Maharaj, M. 2007. <i>Acacia mearnsii</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 18.5.</p>