

# **REPUBLIC OF SOUTH AFRICA**

**DEPARTMENT OF AGRICULTURE, FORESTRY AND FISHERIES**

**FORESTRY & NATURAL RESOURCES MANAGEMENT BRANCH**

## **REPORT ON COMMERCIAL TIMBER RESOURCES AND PRIMARY ROUNDWOOD PROCESSING IN SOUTH AFRICA**

### **2009/2010**

Compiled on behalf of the  
Directorate: Forestry Regulation and Oversight,  
by  
Forestry Economics Services CC

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## PREFACE

This Report contains information relating to the commercial timber resource and the primary roundwood processors in South Africa for the period July 2009 to June 2010.

The Department of Agriculture, Forestry and Fisheries, Directorate: Forestry Regulation and Oversight has commissioned a private sector enterprise to perform the task of gathering and reporting on this information, on its behalf. This is the tenth timber industry statistics Report presented under this arrangement.

The method of gathering the timber resource and roundwood processing information, which has remained unchanged, is to circulate forms to all identified plantation owners and timber processors for completion. The mailing list has been continuously updated over the past year and additional names added, when this information has become available. The questionnaire was redesigned to streamline it and try and make it more user friendly. This has contributed to the improvement and completeness of the information supplied. The result is that the number of responses on which the information in this Report is based has improved over time. This Report contains the information supplied from a total of 1 055 plantation returns (2008/2009: 1 073) and 164 roundwood timber processing returns (2008/2009: 171). The reason for the slight decrease in the number of returns received can be attributed to the fact that some of the growers have sold off some of their plantations or have restructured their plantations according to their new management structures. Returns were received from all the major plantation owners and all the major timber processors and, because the South African timber industry is characterised by the dominance of a very few large participants, the overall results of the survey are regarded as representative of the status of the South African timber industry for the reporting period of July 2009 to June 2010.

The information in this Report is only based on actual information received and have both been compiled using the same database, with the result that comparisons with previous years are now possible. An interpretation of some of the differences noted between the two latest Reports is discussed in a specific section of this Report. The reader should review the comments in that section and adjust their interpretation of the detailed information contained elsewhere accordingly.

Forestry Economics Services extends its sincere appreciation to all who made the basic information available and would like to thank the various industry representative organisations who kindly provided assistance.

Forestry Economics Services CC  
August 2012

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# STATISTICS IN BRIEF

## Commercial Timber Resources

(2008/2009 figures are shown in brackets)

- The total commercial timber plantation area in 2009/2010 was 1 271 286 hectares (2008/2009: 1 274 869 ha).
- Private sector ownership accounts for 83% (83%) of the total plantation area.
- Softwood species cover 51% (51%) of the area and hardwood species cover 49% (49%).
- 56% (57%) of the plantation area is managed mainly for pulpwood production, 36% (34%) for sawlog purposes and 4% (4%) for mining timber with the remaining 4% (4%) for other purposes.
- During the 2009/2010 year 9 753 881 tons (10 474 392 tons) were sold as pulpwood, 3 963 897 m<sup>3</sup> (4 374 799 m<sup>3</sup>) as sawlogs and 533 508 tons (430 788 tons) as mining timber.
- The conversion from one specie to another specie was 3 504 hectares (8 030 ha) whilst the conversion from forestry to other agricultural uses was 438 hectares (3 554 ha). New afforestation amounted to 1 316 hectares (2 169 ha)

## Primary Roundwood Processing

(2008/2009 figures are shown in brackets)

- 184 (191) plants were in operation, of which 89 (108) were sawmills (including veneer and plywood plants), 33 (47) pole treating plants, 20 (16) pulp and board mills and chipping plants and 13 (16) mining timber mills.
- The total roundwood intake during the year was 18 026 732 m<sup>3</sup> (18 554 651 m<sup>3</sup>).
- The delivered at mill cost of the total roundwood intake was R6.79 billion (R6.70 billion).
- The value of sales of timber products totalled R21.35 billion (R20.38 billion).
- An amount of some R15.52 billion (R15.65 billion) was invested in primary roundwood processing plants

# GENERAL INTRODUCTION

## SCOPE OF POSTAL SURVEYS

### Commercial Timber Resources

The survey covers all known commercial timber plantations, irrespective of size, managed by private and public authorities in the Republic of South Africa. The figures reflected in this report are as supplied by the various plantation owners and processors.

#### Private Authorities

- Individuals and partnerships
- Companies and close corporations
- Association, educational or religious institutions

#### Public Authorities

- SAFCOL (South African Forestry Company Limited)
- Government Departments
- Local authorities

### Primary Roundwood Processing

The survey covers all known timber processing plants engaged in the sawing, cutting, treating, peeling, slicing, chipping or other processing of roundwood as they are processed from living or dead trees or parts of trees. In the process of gathering plantation information in the previous reporting period certain purchases of timber were identified and have, where possible been included in the mailing list.

### Forestry Economic Zones

The area covered by the surveys is demarcated into twelve forestry economic zones consistent with past practice. These zones are based on political (provincial), physical (climate, rainfall, soil), silvicultural (timber species), economic (communication systems) and historic (ingrained usages) considerations

The demarcated zones and the magisterial districts within which plantations and primary roundwood processors were reported on are shown on the following page.

### **Zone 1 Limpopo Province**

Dzanani	Sibasa
Soutpansberg	Vuwani
Letaba	Bela Bela
Mutale	Waterberg
Polokwane	

### **Zone 2 Mpumalanga North**

Barberton	Nelspruit
Lydenburg	Pilgrim's Rest
Mapulaneng	White River

### **Zone 3 Central Districts**

Alberton	Lichtenburg
Belfast	Middelburg
Bloemfontein	Pretoria
Boksburg	Springs
Brits	Westonaria
Klerksdorp	

### **Zone 4 Mpumalanga South**

Carolina	Piet Retief
Eerstehoek	Wakkerstroom
Ermelo	Waterval Boven

### **Zone 5 Maputaland**

Ingwavuma

### **Zone 6 Zululand**

Babanango	Mtonjaneni
Lower Umfolozi	Mtunzini
Eshowe	Nkandla
Hlabisa	

### **Zone 7 KwaZulu-Natal Midlands**

Bergville	Mooi River
Camperdown	New Hanover
Estcourt	Pietermaritzburg
Impendle	Pinetown
Inanda	Richmond
Kranskop	Umvoti
Lions River	Lower Tugela

### **Zone 8 KwaZulu-Natal North**

Dundee	Paulpietersburg
Newcastle	Utrecht
Ngotshe	Vryheid

### **Zone 9 KwaZulu-Natal South**

Alfred	Port Shepstone
Durban	Umlazi
Ixopo	Umzinto
Mount Currie	Underberg
Polela	

### **Zone 11 Eastern Cape**

Bizana	Mqanduli
Cathcart	Ngqeleni
Elliot	Port Elizabeth
Engcobo	Qumbu
Hankey	Keiskammahoek
King William's Town	
Komga	Stutterheim
Tabankulu	Libode
Tsolo	Lusikisiki
Umtata	Maclear
Umzimkulu	

### **Zone 12 Southern Cape**

George	Knysna
Humansdorp	Mossel Bay

### **Zone 13 Western Cape**

Belville	Riversdale
Bredasdorp	Somerset West
Caledon	Stellenbosch
Cape Town	Swellendam
Ceres	Tulbagh
Heidelberg	Wellington
Montagu	Wynberg
Paarl	

## Symbols, Abbreviations and Conversion Factors

### (a) Symbols and abbreviations used

-	=	nil or negligible
m <sup>3</sup>	=	cubic metres
t	=	metric tons
Pvt	=	Private sector
Pub	=	Public sector
ha	=	hectares

### (b) Rounding

All figures are rounded to the nearest full number. Totals of number lists may therefore show minor rounding differences.

### (c) Conversion factors

Conversions between metric tons and cubic metres of roundwood have been made using the following conversion factors:

#### **Softwood**

Sawlogs	1 ton = 0.94m <sup>3</sup>
Pulpwood	1 ton = 1.0m <sup>3</sup>

#### ***Eucalyptus grandis***

Sawlogs	1 ton = 0.94m <sup>3</sup>
Pulpwood	1 ton = 1.47m <sup>3</sup>

#### **Other Gum Species**

Sawlogs	1 ton = 0.78m <sup>3</sup>
Pulpwood	1 ton = 1.25m <sup>3</sup>

**Wattle** 1 ton = 1.138m<sup>3</sup>

**Poplar** 1 ton = 1.03m<sup>3</sup>

## COMPARISON OF 2009/2010 WITH 2008/2009

### Introduction

The reliability of the figures recorded in the industry statistics report is largely dependent on the completeness of information obtained. Although the number of returns received this year is fractionally higher than the previous reporting year, it is still evident that there are a number of potential respondents whose information is not included in this publication.

A number of plantation owners not included in the original mailing list were noted during the statistics information gathering process. These plantation owners will be included in the next circulation. Similarly, a number of additional buyers of roundwood were identified from various sources and also from completed plantation owner forms received. These too have now been included in the next circulation.

Despite these known shortcomings in terms of the number of plantation owners and primary processors we believe that the results are substantially adequate for interpreting the state of the South African forestry industry for the 2009/2010 reporting period. The South African timber industry is characterised by a limited number of major plantation owners and processors all of whom supplied the requested information.

### Plantation Area

The 2009/2010 reported area of 1 271 286 hectares is -3 583 hectares, -0.3%, less than the 1 274 869 hectares reported for 2008/2009.

A comparison, by province, of the 2009/2010 reported plantation area and the area included in this Report is given in the table below.

Province	2010		2009	
	Afforested Area		Afforested Area	
	Hectares	%	Hectares	%
Limpopo Province	48 295	3.8	49 669	3.9
Mpumalanga	518 619	40.8	519 513	40.8
North West Province	304	0.0	304	0.0
Free State	-	0.0	-	0.0
KwaZulu-Natal	502 016	39.5	504 393	39.6
Eastern Cape	141 540	11.1	141 819	11.1
Western Cape	60 512	4.8	59 171	4.6
<b>TOTAL</b>	<b>1 271 286</b>	<b>100.0</b>	<b>1 274 869</b>	<b>100.0</b>

### Purpose of Plantations

Plantations are generally grown for a specified purpose, as this will dictate the appropriate silvicultural practice. Notwithstanding the intended purpose for which the plantations are grown, the actual sales mix at the time of harvesting will invariably include other forest products.

This Report reflects a small change in the intended purpose for which certain softwood and hardwood plantations are grown as shown in the table below.



Product	2010		2009	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	68	3	65	4
Pulpwood	30	83	33	82
Mining Timber	-	9	-	9
Other	2	5	2	5
TOTAL	100	100	100	100

Timber sold as mining timber has increased over the past reporting period and this has been confirmed in this Report but timber sold to chip manufacturers, who sell hardwood pulpwood chips to Far Eastern markets, has remained more static.

### Sales Volumes from Plantations

A comparison of sales volumes from plantations for the period 2009/2010 and 2008/2009 is shown in the table below.

Product	2010	2009
Sawlogs	3 963 897 m <sup>3</sup>	4 374 799 m <sup>3</sup>
Poles	450 285 m <sup>3</sup>	519 582 m <sup>3</sup>
Mining Timber	533 508 tons	430 788 tons
Pulpwood	9 753 881 tons	10 474 392 tons
Charcoal & Firewood	222 607 tons	249 992 tons
Other	110 081 tons	94 738 tons

Changes in sales volumes would generally reflect changes in market conditions between reporting periods and this probably accounts for most of the difference seen in the above table. A further contributing factor for the lower sales volumes, were the devastating fires that occurred before this reporting period. The lower sales volumes, -6.9 %, reflected in the table above are consistent with market indicators.

### Estimated Understatement of Reported Plantation Area and Processing Capacity

A comparison of total sales of timber with total purchases of timber by processors indicates a similar overall volume. However, a closer examination reveals that sawlog sales from plantations were slightly higher than the reported volume purchased by sawmills. Conversely the volume of pulpwood purchased was in excess of reported plantation sales. It is highly likely that some of the difference can be attributed to different interpretations of product descriptions by respondents but it is doubtful that this would account for the major portion of the difference.

The following analysis will provide the user of these statistics with some appreciation of the possible magnitude of the understatement of both the plantation area and the processing capacity represented in this Report.

The reported pulpwood purchase volume by processors exceeds reported sales volumes from plantation owners by 573 046 tons. It is a known fact that in the given reporting period, hardwood stockpiles of pulpwood had remained similar or increased and could account for some of this difference. The plantation owners would have sold their timber to the buyer's depot directly or holding areas, as a shortage of available timber was experienced during this period. Pulpwood purchases are concentrated amongst a few major processors all of whom are

included in the processing statistics whilst the supply base is widely spread. Given the relative certainty of the pulpwood purchase volume and assuming that 69 315 tons or 65 156 m<sup>3</sup> of the sawlog volume difference can be offset against the pulpwood difference. This would leave a shortfall of 503 731 tons in the pulpwood volume between supply by timber growers and that which was purchased by the processors.

There is a school of thought that has emerged in recent time, which pertains to the fact that some of the difference can be attributed to the supply of timber from non-commercial areas, which is not recorded in this report. The quantity of such timber from non-commercial areas has not been substantiated nor verified.

If the same offset assumption is made for the sawlog volume difference of 65 156 cubic metres, the sawn timber production and sales volume are understated. This volume of sawn timber would have a value in the range of 226.3 million and R345.3 million, which represents approximately 0.11% of the reported industry sales value of R21.35 billion. The sawlog sales can be regarded as being more accurate than the sawlog purchases because the major sawlog plantation owners are known to be included in the plantation statistics whilst sawlog processing is widely spread across many sawmills many of whom are known not to be included in the survey.

Although this above analysis is arguably an over simplification of the differences it is nevertheless our view that the statistics as reported are sufficiently adequate for general industry interpretation.

# COMMERCIAL TIMBER RESOURCES

## Plantation Inventory

The basic unit for the collection of information is the plantation unit, which comprises an area of land on which timber is grown for industrial or commercial purposes and which are:

- (a) producing, or physically capable of producing, usable crops of wood or wood products;
- (b) economically available now or in the future;
- (c) not withdrawn from harvesting of the plantation produce; and
- (d) situated, wholly or mainly, within a specific magisterial district.

A plantation unit may comprise one or more stands of plantations, consisting of one or more timber species, irrespective of these stands or plantations being contiguous or not, provided they are managed as a single unit.

## Area under Plantation

Of the 122.3 million hectares of land in the Republic of South Africa, only 1.04% of the area was under commercial plantations in 2010.

Table I (page xiv) shows the distribution of the plantation area under each of the twelve forest economic zones and the extent to which the area in each zone is owned by either the private or public sectors.

## Ownership Pattern

The distribution by size classes of both privately and publicly owned plantations in South Africa is shown in Table II on page xv.

Of all reported commercial plantations 83% (1 055 171 ha) is under private sector ownership whilst the other 17% (216 114 ha) is under public ownership. The extent of public ownership has changed in the recent past mainly due to the partially completed SAFCOL privatisation process which has not been finalised as yet.

Only 12.8% (163 194 ha) of the plantation area is owned by 589 individuals, partnerships or family trusts, most of whom with an average area of less than 500 hectares each. Please note that the individual grouping includes several thousand hectares of plantations owned by many small growers under timber outgrower schemes operated by various corporate plantation owners.

## Distribution of Timber Species and Ages

Table III (page xvi) shows the distribution of timber species groupings in each of the forestry economic zones. Pine and other softwood species are dominant in the Northern and Southern regions whilst the various hardwood species are dominant in the Middle (KwaZulu-Natal) region.

In recent years the area planted to various cloned hardwoods species has increased significantly in certain of the forestry economic zones, particularly in Zone 6 (Zululand). Most cloned hardwood species are *Eucalyptus grandis* based. The survey distinguished between *Eucalyptus grandis* and other *Eucalyptus* species but did not specify how cloned species should

be classified. As a result, certain plantation owners recorded cloned species under other *Eucalyptus* species whilst others included their cloned hardwood plantation area under the *Eucalyptus grandis* category. Care should be exercised in any interpretation of the data in this Report when distinguishing between *Eucalyptus grandis* and other *Eucalyptus* species.

Table IV (page xvii) reflects a summarised age distribution for each of the main species groups.

Detailed age class distributions for the various species in each of the forest economic zones are given in Tables A1.0 to A1.13 for softwoods and Tables A2.0 to A2.13 for hardwoods. These Tables can be found in Appendix A (pages 2 to 27).

*Pinus patula* is the softwood species planted most extensively in South Africa, comprising 333 066 hectares or 51.4% of the total softwood area. The species occurs mainly in Mpumalanga North and South, KwaZulu-Natal and the Eastern Cape. *Pinus elliottii*, comprising 27.5% of the softwood plantation area, is found in all regions except the Western Cape where *Pinus radiata* is virtually the exclusive softwood species. The total *Pinus radiata* area amounts to 59 065 hectares and is confined to the Cape regions.

The regions with the largest hardwood area are the Provinces of KwaZulu-Natal and Mpumalanga South where 45.5% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 49.4% of the total hardwood area. South African hardwoods are grown primarily for pulpwood and mining timber production on an eight to twelve year rotation and hence the apparent young ages of the Eucalyptus plantations shown in Table IV.

### **Primary Management Purpose of Plantations**

Table V (page xviii) summarises the main intended purpose for which the plantations are managed. It is important to note that despite timber growers having a primary intention for which the trees are grown, it is usual that a range of products may be actually sold when harvested. However, silvicultural practices may limit the range of alternate products available when the plantations are harvested.

56% of all plantations are managed for pulpwood, 36% for sawlogs, 4% for mining timber and 4% for other purposes. Softwoods are managed mainly for sawlog production (68%), whilst 83% of the hardwood area is managed for pulpwood production.

Detailed schedules of the management purpose by species and the planned clearfelling ages are shown in Appendix A, Tables A3.0 to A3.13 (pages 28 to 40).

### **Roundwood Sales**

Table VI (page xix) provides a record of sales by product from the plantations in the demarcated forestry economic zones. It is apparent from the Table that pulpwood is the major product, whilst sawlogs are also a very significant product. Details of sales by species in each forestry economic zone are supplied in Tables A4.0 to A4.13 – see pages 41 to 53.

A comparison of the plantation sales volumes in Table VI with the roundwood purchases in Table B14 indicates some large differences. Some contributing factors are:

- Roundwood imports and exports
- Timber sold from plantations on a standing basis, where the ultimate use may not be clear
- Differences in reporting units of measurement and conversion factors

- Differences in reporting periods
- Errors in the completion of forms
- Sales are handled through intermediaries (e.g. Co-operatives)
- Differences in survey sample

The reasons listed above are unlikely to fully account for the significant differences in plantation sale volumes versus processor purchases mentioned above. The major growers of sawlogs and the major buyers of pulpwood are known to be included in the survey. It is therefore probable that the major reason for these differences is that not all plantation owners are included in the survey results and that a number of smaller sawmills are similarly not included. The impact of this is discussed elsewhere in this Report.

### **Damage to Plantations**

Part of the potential annual volume increment is destroyed by fire, climatic factors, insects and diseases. Estimates of future timber supply must allow for this possibility. The plantation area lost or damaged reported in the 2009/2010 survey amounted to 23 257 hectares. Details of the causes of these losses are recorded by cause for each region in Tables A5.0 to A5.13 in Appendix A (pages 54 to 66).

### **Conversion of Existing Plantations**

Market and other conditions dictate that plantation owners will convert portions of their plantations from one species to another or even convert plantation land to other uses from time to time. During 2009/2010, reported conversions from one timber species to another amounted to 3 504 ha whilst conversion from timber to other land uses amounted to 438 hectares. A large portion of the area converted from timber to agriculture and other uses relate to the introduction of environmental audits, FSC certification, etc. which ensures that riverine areas, river valleys and wetlands are restored to their natural vegetation.

Details of reported conversions are given in Appendix A Tables A6.0 to A6.13 (pages 67 to 79).

### **New Afforestation**

In recent years the rate of new afforestation in South Africa has declined considerably due to a number of factors, such as suitable forestry land becoming increasingly less available and a tightening of the procedures for the granting of the necessary water licences.

54.0% of the newly afforested area comprised areas planted to Eucalyptus trees, 20.6% to softwoods, 24.2% to wattle trees and the balance of 1.2% to other hardwood species. The private sector was responsible for almost 100% of the reported new afforestation.

Details of new afforestation by species and purpose for which the trees are grown within each forestry economic zone are set out in Tables A7.0 to A7.13 in Appendix A (see pages 80 to 92)

**Table I - Distribution of Plantation Area by Zones and Ownership****2009/2010**

Region/Zone	2008/2009 ha	2009/2010 ha	% of RSA	Private Ownership	Public Ownership
<b>Northern Regions</b>					
Limpopo Province	49 669	48 295	3.8	25 785	22 508
Mpumalanga North	225 065	233 795	18.4	138 881	94 914
Central Districts	24 975	25 473	2.0	20 353	5 120
Mpumalanga South	269 777	259 655	20.4	233 321	26 334
<b>Total Northern Regions</b>	<b>569 485</b>	<b>567 218</b>	<b>44.6</b>	<b>418 340</b>	<b>148 876</b>
<b>Middle Regions</b>					
Maputaland	17 024	17 024	1.3	-	17 024
Zululand	77 091	76 860	6.0	71 441	5 419
Northern KwaZulu-Natal	91 764	90 954	7.2	88 063	2 891
KwaZulu-Natal Midlands	195 021	194 410	15.3	191 021	3 390
Southern KwaZulu-Natal	123 493	122 768	9.7	121 590	1 177
<b>Total Middle Regions</b>	<b>504 393</b>	<b>502 016</b>	<b>39.5</b>	<b>472 115</b>	<b>29 901</b>
<b>Southern Regions</b>					
Eastern Cape	122 549	122 270	9.6	91 799	30 471
Southern Cape	61 623	63 322	5.0	63 033	289
Western Cape	16 819	16 461	1.3	9 884	6 577
<b>Total Southern Regions</b>	<b>200 991</b>	<b>202 052</b>	<b>15.9</b>	<b>164 716</b>	<b>37 337</b>
<b>Total South Africa</b>	<b>1 274 869</b>	<b>1 271 286</b>	<b>100.0</b>	<b>1 055 171</b>	<b>216 114</b>

**Table II-** Number of Plantation Units by Size Group and Ownership

**2009/2010**

Group Size (ha)	Individual, Partnership or Family Trust	Companies	Other Private Institutions	Total Private Sector	Government Departments (Incl. SAFCOL)	Local Authorities	Total Public Sector	Total All Owners	% of Total
Number of Plantation Units									
1 to 49	162	42	6	210	10	1	11	221	20.9
50 to 99	70	38	2	110	27	-	27	137	13.0
100 to 199	126	38	-	164	29	2	31	195	18.5
200 to 499	147	65	1	213	31	4	35	248	23.5
500 to 999	60	22	-	82	11	1	12	94	8.9
1 000 to 1 999	19	27	-	46	16	-	16	62	5.9
2 000 to 4 999	4	17	-	21	12	1	13	34	3.2
5 000 +	1	50	-	51	13	-	13	64	6.1
<b>Total Number</b>	<b>589</b>	<b>299</b>	<b>9</b>	<b>897</b>	<b>149</b>	<b>9</b>	<b>158</b>	<b>1 055</b>	<b>100.0</b>
Total Plantation Area in Hectares									
1 to 49	3 713	1 012	86	4 811	324	38	362	5 173	0.4
50 to 99	5 166	2 706	125	7 997	2 064	-	2 064	10 061	0.8
100 to 199	18 234	5 825	-	24 059	4 415	231	4 646	28 705	2.3
200 to 499	46 986	21 240	212	68 438	9 525	1 263	10 788	79 226	6.2
500 to 999	42 597	16 316	-	58 913	7 764	503	8 267	67 180	5.3
1 000 to 1 999	26 486	36 023	-	62 509	23 237	-	23 237	85 746	6.7
2 000 to 4 999	10 138	46 798	-	56 936	35 757	2 275	38 032	94 968	7.5
5 000 +	9 874	761 865	-	771 739	128 488	-	128 488	900 227	70.8
<b>Total Area</b>	<b>163 194</b>	<b>891 785</b>	<b>423</b>	<b>1 055 402</b>	<b>211 574</b>	<b>4 310</b>	<b>215 884</b>	<b>1 271 286</b>	<b>100.0</b>

**Table III - Distribution of Timber Species by Zones****2009/2010**

Region/Zone	Pines and Other Softwood Species		Eucalyptus Species		Wattle		Other Hardwood Species	
	ha	% of Total	ha	% of Total	ha	% of Total	ha	% of Total
<b>Northern Regions</b>								
Limpopo Province	27 293	4.2	20 827	4.0	72	0.1	102	1.9
Mpumalanga North	161 843	25.0	71 816	13.9	33	0.0	103	1.9
Central Districts	20 223	3.1	5 151	1.0	99	0.1	-	-
Mpumalanga South	124 527	19.2	117 081	22.7	15 062	14.8	2 985	56.2
<b>Total Northern Regions</b>	<b>333 886</b>	<b>51.5</b>	<b>214 875</b>	<b>41.6</b>	<b>15 266</b>	<b>15.0</b>	<b>3 191</b>	<b>60.0</b>
<b>Middle Regions</b>								
Maputaland	9 630	1.5	7 394	1.4	-	-	-	-
Zululand	5 656	0.9	67 746	13.1	3 138	3.1	319	6.0
Northern KwaZulu-Natal	17 664	2.7	51 765	10.0	21 379	21.0	147	2.8
KwaZulu-Natal Midlands	46 321	7.1	96 969	18.8	50 572	49.8	548	10.3
Southern KwaZulu-Natal	58 597	9.0	55 185	10.7	8 843	8.7	142	2.7
<b>Total Middle Regions</b>	<b>137 869</b>	<b>21.3</b>	<b>279 059</b>	<b>54.1</b>	<b>83 933</b>	<b>82.6</b>	<b>1 156</b>	<b>21.7</b>
<b>Southern Regions</b>								
Eastern Cape	99 146	15.3	20 513	4.0	2 123	2.1	488	9.2
Southern Cape	61 516	9.5	1 093	0.2	271	0.3	442	8.3
Western Cape	15 930	2.5	489	0.1	2	0.0	39	0.7
<b>Total Southern Regions</b>	<b>176 593</b>	<b>27.2</b>	<b>22 095</b>	<b>4.3</b>	<b>2 396</b>	<b>2.4</b>	<b>969</b>	<b>18.2</b>
<b>Total South Africa</b>	<b>648 347</b>	<b>100.0</b>	<b>516 028</b>	<b>100.0</b>	<b>101 594</b>	<b>100.0</b>	<b>5 316</b>	<b>100.0</b>



**Table IV - Age Distribution by Species****2009/2010**

Age Class	Pines and Other Softwood species		Eucalyptus Species		Wattle		Other Hardwood Species	
	ha	% of Total	ha	% of Total	ha	% of Total	ha	% of Total
Area temporarily unplanted	63 128	9.7	34 549	6.7	6 126	6.0	187	3.5
0-4 years	105 754	16.3	207 389	40.2	25 976	25.6	1 342	25.2
4-9 years	116 333	17.9	194 025	37.6	45 786	45.1	1 320	24.8
9-14 years	126 101	19.4	55 397	10.7	19 202	18.9	599	11.3
14-19 years	116 583	18.0	14 906	2.9	3 040	3.0	648	12.2
19-24 years	61 298	9.5	4 999	1.0	121	0.1	429	8.1
24-29 years	34 511	5.3	1 783	0.3	61	0.1	180	3.4
29-34 years	14 617	2.3	692	0.1	75	0.1	191	3.6
34 + years	9 405	1.5	1 945	0.4	395	0.4	312	5.9
Jungle	618	0.1	345	0.1	813	0.8	107	2.0
Total Area	648 347	100.0	516 028	100.0	101 594	100.0	5 316	100.0

**Table V - Plantation Area According to Main Purpose for which Trees are Grown****2009/2010**

Region/Zone	Sawtimber		Pulpwood		Mining Timber	Other Roundwood Products	
	Softwood ha	Hardwood ha	Softwood ha	Hardwood ha	Hardwood ha	Softwood ha	Hardwood ha
<b>Northern Regions</b>							
Limpopo Province	27 258	7 752	-	186	4 970	35	8 094
Mpumalanga North	131 848	6 447	29 995	21 507	40 815	-	3 183
Central Districts	3 518	-	16 701	4 676	472	5	101
Mpumalanga South	64 053	636	58 311	128 433	4 597	2 163	1 463
<b>Total Northern Regions</b>	<b>226 676</b>	<b>14 834</b>	<b>105 007</b>	<b>154 802</b>	<b>50 855</b>	<b>2 203</b>	<b>12 840</b>
<b>Middle Regions</b>							
Maputaland	-	-	9 630	7 394	-	-	-
Zululand	5 261	58	396	70 683	64	-	400
Northern KwaZulu-Natal	8 838	30	8 826	71 991	899	-	370
KwaZulu-Natal Midlands	30 762	718	15 557	142 802	802	2	3 767
Southern KwaZulu-Natal	27 664	132	30 933	62 876	904	-	258
<b>Total Middle Regions</b>	<b>72 525</b>	<b>937</b>	<b>65 342</b>	<b>355 746</b>	<b>2 669</b>	<b>2</b>	<b>4 796</b>
<b>Southern Regions</b>							
Eastern Cape	75 272	329	20 487	7 215	1 874	3 387	13 706
Southern Cape	52 004	1 741	712	11	-	8 800	53
Western Cape	15 340	43	-	213	-	590	274
<b>Total Southern Regions</b>	<b>142 616</b>	<b>2 114</b>	<b>21 199</b>	<b>7 439</b>	<b>1 874</b>	<b>12 777</b>	<b>14 033</b>
<b>Total South Africa</b>	<b>441 817</b>	<b>17 885</b>	<b>191 548</b>	<b>517 987</b>	<b>55 398</b>	<b>14 982</b>	<b>31 669</b>

**Table VI - Roundwood Sales by Product and Zone****2009/2010**

Region/Zone	Sawlogs and Veneer m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other tons
<b>Northern Regions</b>						
Limpopo Province	314 611	88 689	54 679	11 391	41 125	50 079
Mpumalanga North	1 307 256	73 762	412 082	1 018 843	5 914	21 212
Central Districts	5 169	-	-	233 069	3 142	-
Mpumalanga South	545 441	13 922	52 157	1 298 699	13 413	17 963
<b>Total Northern Regions</b>	<b>2 172 477</b>	<b>176 373</b>	<b>518 918</b>	<b>2 562 002</b>	<b>63 595</b>	<b>89 254</b>
<b>Middle Regions</b>						
Maputaland	-	-	-	-	-	-
Zululand	25 840	-	-	1 581 752	521	-
Northern KwaZulu-Natal	10 603	1 942	14 220	385 570	77 889	625
KwaZulu-Natal Midlands	266 383	40 835	38	2 951 149	18 077	14 256
Southern KwaZulu-Natal	249 743	32 450	332	1 920 165	3 678	1 372
<b>Total Middle Regions</b>	<b>552 569</b>	<b>75 227</b>	<b>14 590</b>	<b>6 838 636</b>	<b>100 165</b>	<b>16 253</b>
<b>Southern Regions</b>						
Eastern Cape	654 384	140 985	-	352 618	58 813	4 372
Southern Cape	469 982	42 237	-	-	-	142
Western Cape	114 484	15 463	-	625	35	60
<b>Total Southern Regions</b>	<b>1 238 851</b>	<b>198 685</b>	<b>-</b>	<b>353 243</b>	<b>58 848</b>	<b>4 574</b>
<b>Total South Africa</b>	<b>3 963 897</b>	<b>450 285</b>	<b>533 508</b>	<b>9 753 881</b>	<b>222 607</b>	<b>110 081</b>

\*Includes pulpwood for chip exports

# PRIMARY ROUNDWOOD PROCESSING

## Introduction

The basic unit for the collection of information is a roundwood processing plant at a particular location. If a firm has two or more such establishments, each establishment is treated individually.

Table B10.0 in Appendix B (see page 94) reports the number of processing plants by region and the class of ownership. There are 164 processors included in the 2009/2010 reporting period and Table B10.0 shows that there are 184 plants in operations, the difference being that some processors have more than one plant in operation.

The distribution of roundwood processing plants by size of intake and type of processing is shown in Table B11.0 of Appendix B on page 95.

## Capital Investment

The survey shows that the investment in fixed assets amounted to R15.529 billion for establishments engaged in primary roundwood processing of roundwood. See Table B12.0 on page 96.

The degree of concentration of capital investment by processing sector is shown in Table B13.0 on page 97. Pulp and board mills account for the vast majority of the total investment at 82%.

## Roundwood Intake

The volume of roundwood intake by primary processor amounted to 18.027 million cubic metres of which pulpwood comprised 69.8%. The total intake by primary processing sector is summarised in Table VII (page xxii) and a more detailed analysis is given in Table B14.0 on page 98.

The delivered mill cost value of timber purchased was R6.79 billion (2008/2009: R6.71 billion), see Table B15.0 (Page 111).

## Sales of Products

### 1. Sales Value

The total value of reported sales of timber based products in 2009/2010 amounted to R21.35 billion an increase of 4.8% on the value of R20.38 billion reported for the 2008/2009 period. Woodpulp and paper products continue to dominate the industry accounting for R11.75 billion (2008/2009: R10.67 billion) or 55.0% (2008/2009: 52.3%).

Refer to Table B16.0 on page 112 for a list of all values.

### 2. Sale Quantities

The reported sales quantities for the major wood products and major pulp and board products are reflected in summarised Tables on the following page.

- **Quantity of sales of major wood products (Table B17.2 – page 114)**

Sawn timber	1 880 498	m <sup>3</sup>
Poles	401 307	m <sup>3</sup>
Mining timber	428 096	tons
Woodchips	2 779 489	tons

(The volume of wood products produced, as opposed to the volume sold, is reflected in Table B17.1 on page 113.)

- **Quantity of sales of pulp and board products (Table B18.0 – page 115)**

Paper grade pulp	568 886	tons
Dissolving pulp	677 088	tons
Particle board	392 803	m <sup>3</sup>
Fibreboard	56 842	m <sup>3</sup>

**Table VII - Roundwood Intake by Primary Processors****2009/2010**

	m <sup>3</sup>	t
Sawlogs and Veneerlogs	3 898 741	
Poles	401 378	
Mining Timber		544 338
Pulpwood		10 326 927
Other		287 242

## **APPENDIX A – Detailed Commercial Timber Resources Schedules**

**Table A1.0 - Total for South Africa**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	23 428	16 396	1 440	18 957	1 025	1 854	63 100
0-1	12 592	7 502	1 250	551	-	1 721	23 615
1-2	13 855	10 766	2 221	623	34	2 450	29 948
2-3	14 902	8 076	1 639	629	-	1 139	26 385
3-4	13 418	7 792	1 239	982	19	2 354	25 806
4-5	19 685	7 079	901	1 188	-	1 566	30 418
5-6	13 645	7 750	388	736	37	1 843	24 400
6-7	10 735	6 865	631	1 230	-	2 196	21 657
7-8	9 927	4 648	1 030	397	24	2 395	18 421
8-9	11 971	5 602	450	591	7	2 817	21 438
9-10	14 141	6 102	431	1 683	35	4 082	26 474
10-11	10 564	4 905	680	1 149	19	3 923	21 240
11-12	13 098	6 270	760	1 406	45	3 339	24 918
12-13	15 824	5 211	493	2 643	20	2 771	26 962
13-14	15 103	5 936	613	1 832	30	2 994	26 508
14-15	14 391	6 888	593	3 756	18	1 572	27 218
15-16	14 119	6 090	197	1 822	10	1 393	23 631
16-17	12 546	6 255	455	1 598	35	688	21 577
17-18	13 714	6 969	480	1 821	135	647	23 766
18-19	11 453	6 301	310	1 750	149	428	20 391
19-20	9 340	4 774	180	2 188	268	432	17 182
20-21	6 353	4 337	201	958	247	196	12 292
21-22	5 514	4 637	323	1 078	327	408	12 288
22-23	5 064	2 877	426	1 064	283	122	9 837
23-24	5 726	2 417	340	883	261	72	9 699
24-25	4 909	3 824	492	1 272	216	167	10 880
25-26	4 354	2 446	401	533	275	348	8 357
26-27	2 947	1 836	487	353	338	176	6 136
27-28	2 317	1 402	501	380	217	157	4 973
28-29	1 700	1 209	441	514	259	41	4 165
29-30	1 346	811	379	600	1 017	41	4 194
30-31	1 088	975	452	439	623	44	3 621
31-32	614	952	204	254	722	54	2 800
32-33	562	444	298	330	535	148	2 317
33-34	444	381	333	174	284	71	1 686
34+	1 513	1 458	577	2 521	3 131	233	9 432
Jungle	165	20	24	180	115	112	618
<b>Total</b>	<b>333 066</b>	<b>178 202</b>	<b>22 259</b>	<b>59 065</b>	<b>10 759</b>	<b>44 996</b>	<b>648 347</b>



**Table A1.1 - Zone 1 Limpopo Province**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	392	130	-	-	-	10	532
0-1	192	27	-	-	-	158	377
1-2	442	262	-	-	-	181	886
2-3	302	130	-	1	-	117	549
3-4	408	119	-	-	-	404	931
4-5	239	135	-	-	-	299	673
5-6	347	126	-	-	-	418	891
6-7	454	168	-	-	-	418	1 039
7-8	326	38	-	-	-	533	898
8-9	509	40	-	-	-	249	797
9-10	454	249	-	-	-	200	903
10-11	546	193	-	3	-	171	913
11-12	709	289	-	20	-	148	1 166
12-13	884	251	-	20	-	78	1 233
13-14	1 134	150	-	-	-	14	1 298
14-15	1 043	280	11	-	-	50	1 384
15-16	1 979	432	-	-	-	32	2 443
16-17	564	122	7	-	-	6	699
17-18	565	231	-	4	-	69	869
18-19	389	168	-	1	-	70	628
19-20	581	96	10	-	-	80	766
20-21	490	264	30	-	-	76	860
21-22	455	104	-	6	-	6	570
22-23	453	152	16	-	-	60	683
23-24	375	88	-	-	-	18	482
24-25	366	439	43	-	-	61	909
25-26	444	148	43	-	-	4	639
26-27	178	176	77	-	-	25	456
27-28	167	88	70	-	-	24	349
28-29	152	253	48	-	-	34	487
29-30	146	87	60	-	-	38	331
30-31	37	240	61	-	-	34	372
31-32	62	125	62	-	-	13	261
32-33	89	82	132	-	-	-	302
33-34	10	2	141	-	-	-	153
34+	114	182	143	-	-	59	498
Jungle	50	10	4	-	-	-	64
<b>Total</b>	<b>16 046</b>	<b>6 076</b>	<b>959</b>	<b>55</b>	<b>-</b>	<b>4 157</b>	<b>27 293</b>

**Table A1.2 - Zone 2 Mpumalanga North**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	5 094	3 274	877	92	84	437	9 858
0-1	1 935	2 099	546	-	-	867	5 447
1-2	3 500	4 087	1 466	-	-	1 027	10 080
2-3	2 970	2 394	674	-	-	534	6 571
3-4	3 284	2 842	515	-	-	747	7 388
4-5	2 609	1 778	612	-	-	507	5 506
5-6	3 086	1 974	331	-	-	672	6 063
6-7	2 019	1 201	295	-	-	970	4 485
7-8	1 824	1 078	291	-	-	771	3 965
8-9	2 420	1 299	177	-	-	1 121	5 017
9-10	2 100	2 475	196	-	-	898	5 669
10-11	1 829	1 592	371	-	-	1 333	5 124
11-12	2 398	2 493	432	-	-	1 088	6 411
12-13	5 252	1 546	251	-	-	536	7 585
13-14	3 407	1 893	306	-	-	592	6 199
14-15	3 725	2 815	226	-	-	235	7 001
15-16	2 250	1 395	30	-	-	209	3 884
16-17	2 184	1 562	83	-	-	121	3 950
17-18	2 333	1 276	96	-	-	119	3 824
18-19	2 266	1 754	122	-	-	69	4 211
19-20	2 160	1 206	71	-	-	6	3 443
20-21	2 051	1 330	36	-	-	28	3 445
21-22	1 949	1 962	186	-	-	105	4 201
22-23	1 963	1 326	399	-	-	25	3 714
23-24	1 587	1 321	220	-	-	24	3 151
24-25	1 444	1 865	329	-	-	81	3 719
25-26	1 471	1 020	225	-	-	156	2 872
26-27	1 052	887	198	-	-	102	2 241
27-28	784	778	238	-	-	79	1 879
28-29	454	380	255	-	-	4	1 093
29-30	330	429	182	-	-	0	942
30-31	258	216	174	-	-	11	658
31-32	242	326	46	-	-	41	655
32-33	158	71	106	-	-	-	335
33-34	306	126	64	-	-	-	497
34+	471	93	91	-	-	15	671
Jungle	110	10	20	-	-	-	140
<b>Total</b>	<b>73 276</b>	<b>54 173</b>	<b>10 738</b>	<b>92</b>	<b>84</b>	<b>13 529</b>	<b>151 892</b>

**Table A1.3 - Zone 3 Central Districts**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	936	-	-	-	-	129	1 065
0-1	1 106	-	-	-	-	134	1 240
1-2	487	-	-	-	-	97	584
2-3	797	-	-	-	-	56	854
3-4	914	-	-	-	-	239	1 154
4-5	591	-	-	-	-	216	807
5-6	603	27	-	-	-	46	676
6-7	547	-	-	-	-	57	605
7-8	554	-	-	-	-	102	656
8-9	255	0	-	-	-	110	365
9-10	421	22	-	-	-	133	575
10-11	248	3	-	-	-	153	404
11-12	786	2	-	-	-	60	848
12-13	812	134	-	-	-	155	1 101
13-14	747	103	2	-	-	63	914
14-15	809	445	-	-	-	35	1 289
15-16	1 015	350	-	-	-	105	1 470
16-17	1 200	699	2	-	-	30	1 931
17-18	539	388	59	-	-	103	1 090
18-19	356	124	-	-	-	14	493
19-20	362	564	-	-	-	4	930
20-21	43	94	-	-	-	56	193
21-22	69	-	-	-	-	-	69
22-23	225	-	-	-	-	-	225
23-24	209	-	-	-	-	0	209
24-25	76	-	-	-	-	15	91
25-26	117	-	-	-	-	-	117
26-27	-	-	-	-	-	-	-
27-28	8	1	-	-	-	-	9
28-29	87	-	-	-	-	-	87
29-30	19	11	-	-	-	0	30
30-31	2	-	-	-	-	-	2
31-32	-	-	-	-	-	-	-
32-33	-	-	-	-	-	-	-
33-34	-	-	-	-	-	-	-
34+	92	26	-	-	-	25	142
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>15 032</b>	<b>2 992</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>2 136</b>	<b>20 223</b>

**Table A1.4 - Zone 4 Mpumalanga South**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	6 110	3 456	73	-	-	936	10 575
0-1	5 086	1 418	118	-	-	335	6 957
1-2	4 031	2 307	400	-	-	764	7 503
2-3	3 961	1 132	418	-	-	256	5 767
3-4	4 000	1 382	430	-	-	389	6 200
4-5	5 267	1 460	-	-	-	114	6 841
5-6	5 347	1 683	-	-	-	272	7 301
6-7	3 699	1 148	-	-	-	155	5 002
7-8	2 984	631	5	-	-	91	3 711
8-9	3 813	712	13	-	-	384	4 923
9-10	4 024	594	-	-	-	639	5 258
10-11	3 849	926	65	-	-	316	5 156
11-12	4 482	931	24	-	-	287	5 723
12-13	3 839	1 150	7	-	-	100	5 095
13-14	3 951	1 480	10	-	-	174	5 615
14-15	2 994	1 226	72	-	-	135	4 427
15-16	4 579	1 528	10	-	-	10	6 127
16-17	3 822	1 627	28	-	-	118	5 595
17-18	4 611	2 038	107	-	-	64	6 819
18-19	2 948	1 500	55	-	-	157	4 661
19-20	1 619	904	36	-	-	27	2 586
20-21	1 169	438	-	-	-	2	1 610
21-22	999	700	63	-	-	-	1 762
22-23	844	247	10	-	-	-	1 101
23-24	1 859	174	58	-	-	10	2 100
24-25	865	72	17	-	-	1	955
25-26	1 149	256	53	-	-	-	1 458
26-27	821	65	137	-	-	-	1 023
27-28	431	269	15	-	-	26	740
28-29	425	184	38	-	-	2	649
29-30	396	109	42	-	-	2	548
30-31	70	16	15	-	-	-	101
31-32	130	33	-	-	-	-	163
32-33	142	11	-	-	-	-	152
33-34	37	22	12	-	-	-	71
34+	112	40	26	-	-	26	203
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>94 465</b>	<b>31 866</b>	<b>2 356</b>	<b>-</b>	<b>-</b>	<b>5 790</b>	<b>134 478</b>

**Table A1.5 - Zone 5 Maputaland**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	3 006	-	-	-	-	3 006
0-1	-	488	-	-	-	-	488
1-2	-	26	-	-	-	-	26
2-3	-	689	-	-	-	-	689
3-4	-	431	-	-	-	-	431
4-5	-	503	-	-	-	-	503
5-6	-	54	-	-	-	-	54
6-7	-	775	-	-	-	-	775
7-8	-	192	-	-	-	-	192
8-9	-	823	-	-	-	-	823
9-10	-	550	-	-	-	-	550
10-11	-	-	-	-	-	39	39
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	46	46
13-14	-	-	-	-	-	-	-
14-15	-	47	-	-	-	26	73
15-16	-	-	-	-	-	170	170
16-17	-	-	-	-	-	19	19
17-18	-	-	-	-	-	-	-
18-19	-	-	-	-	-	-	-
19-20	-	27	-	-	-	216	243
20-21	-	29	-	-	-	-	29
21-22	-	113	-	-	-	283	396
22-23	-	55	-	-	-	18	73
23-24	-	88	-	-	-	-	88
24-25	-	317	-	-	-	-	317
25-26	-	238	-	-	-	45	283
26-27	-	-	-	-	-	-	-
27-28	-	-	-	-	-	-	-
28-29	-	-	-	-	-	-	-
29-30	-	-	-	-	-	-	-
30-31	-	-	-	-	-	-	-
31-32	-	-	-	-	-	-	-
32-33	-	-	-	-	-	-	-
33-34	-	59	-	-	-	-	59
34+	-	260	-	-	-	-	260
Jungle	-	-	-	-	-	-	-
<b>Total</b>	-	<b>8 769</b>	-	-	-	<b>860</b>	<b>9 630</b>

**Table A1.6 - Zone 6 Zululand**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	552	955	-	-	-	-	1 507
0-1	61	9	-	-	-	-	70
1-2	67	19	-	-	-	-	86
2-3	35	68	-	-	-	-	103
3-4	23	36	-	-	-	-	59
4-5	6	79	-	-	-	-	85
5-6	-	154	-	-	-	-	154
6-7	-	76	-	-	-	-	76
7-8	-	8	-	-	-	-	8
8-9	51	48	-	-	-	-	99
9-10	18	57	-	-	-	-	75
10-11	34	18	-	-	-	-	52
11-12	-	169	-	-	-	13	182
12-13	12	107	-	-	-	-	119
13-14	24	10	-	-	-	1	34
14-15	31	122	-	-	-	6	159
15-16	22	97	-	-	-	-	119
16-17	51	78	-	-	-	12	140
17-18	35	105	-	-	-	5	145
18-19	12	245	-	-	-	5	262
19-20	21	204	-	-	-	-	225
20-21	-	467	26	-	-	-	493
21-22	-	380	35	-	-	3	418
22-23	39	293	-	-	-	4	337
23-24	-	117	24	-	-	12	153
24-25	29	263	-	-	-	9	301
25-26	-	25	-	-	-	19	44
26-27	-	-	-	-	-	15	15
27-28	-	-	16	-	-	-	16
28-29	-	10	5	-	-	-	15
29-30	-	3	2	-	-	-	5
30-31	-	29	-	-	-	-	29
31-32	-	7	-	-	-	-	7
32-33	-	3	-	-	-	-	3
33-34	-	-	-	-	-	-	-
34+	26	20	4	-	-	13	63
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>1 147</b>	<b>4 281</b>	<b>112</b>	<b>-</b>	<b>-</b>	<b>117</b>	<b>5 656</b>

**Table A1.7 - Zone 7 Kwazulu-Natal Midlands**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	720	301	145	-	-	85	1 251
0-1	509	622	197	-	-	3	1 331
1-2	938	396	-	-	-	24	1 357
2-3	2 349	396	141	-	-	9	2 895
3-4	1 525	500	148	-	-	10	2 183
4-5	1 143	416	60	-	-	12	1 631
5-6	947	668	51	-	-	76	1 741
6-7	1 196	443	42	-	-	41	1 722
7-8	1 202	454	89	-	-	74	1 819
8-9	1 085	670	87	-	-	76	1 917
9-10	771	898	153	-	-	137	1 959
10-11	1 034	976	224	-	-	150	2 384
11-12	798	908	283	-	-	195	2 184
12-13	555	1 139	105	-	-	183	1 982
13-14	771	881	240	-	-	178	2 069
14-15	477	677	151	-	-	33	1 338
15-16	430	935	104	-	-	63	1 533
16-17	767	859	172	-	-	114	1 911
17-18	749	1 357	77	-	-	69	2 252
18-19	818	1 131	94	-	-	21	2 063
19-20	687	900	45	-	-	51	1 684
20-21	451	1 128	85	-	-	12	1 677
21-22	286	568	28	-	-	4	886
22-23	319	348	-	-	-	1	668
23-24	622	301	13	-	-	5	941
24-25	222	275	63	-	-	-	560
25-26	259	286	20	-	-	123	689
26-27	243	405	35	-	-	6	689
27-28	143	86	30	-	-	-	259
28-29	74	69	3	-	-	-	146
29-30	29	10	9	-	-	-	48
30-31	101	24	40	-	-	-	164
31-32	70	75	4	-	-	-	150
32-33	25	19	2	-	-	-	46
33-34	23	29	-	-	-	-	52
34+	68	61	8	-	-	-	137
Jungle	5	-	-	-	-	-	5
<b>Total</b>	<b>22 412</b>	<b>19 211</b>	<b>2 947</b>	<b>-</b>	<b>-</b>	<b>1 751</b>	<b>46 321</b>

**Table A1.8 - Zone 8 Northern Kwazulu-Natal**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	366	562	36	-	-	110	1 075
0-1	192	545	8	-	-	92	837
1-2	264	405	11	-	-	14	693
2-3	188	381	23	-	-	10	603
3-4	175	357	-	-	-	12	544
4-5	312	256	-	-	-	126	693
5-6	304	268	-	-	-	-	572
6-7	140	174	-	-	-	111	425
7-8	171	245	-	-	-	115	531
8-9	945	444	-	-	-	94	1 483
9-10	98	528	3	-	-	-	629
10-11	82	543	-	-	-	-	625
11-12	221	424	-	-	-	12	657
12-13	172	446	-	-	-	2	620
13-14	238	693	6	-	-	41	978
14-15	137	580	-	-	-	-	717
15-16	88	413	-	-	-	2	503
16-17	215	444	-	-	-	-	658
17-18	347	805	-	-	-	101	1 253
18-19	331	338	3	-	-	1	672
19-20	154	278	-	-	-	-	432
20-21	154	86	-	-	-	-	240
21-22	57	263	-	-	-	-	320
22-23	114	103	-	-	-	8	225
23-24	104	35	25	-	-	3	167
24-25	232	21	19	-	-	-	271
25-26	136	76	41	-	-	-	253
26-27	64	39	39	-	-	6	147
27-28	99	-	32	-	-	-	131
28-29	26	34	28	-	-	-	89
29-30	31	26	10	-	-	-	67
30-31	344	12	8	-	-	-	364
31-32	9	-	-	-	-	-	9
32-33	0	-	-	-	-	-	0
33-34	-	-	29	-	-	15	45
34+	3	44	-	-	-	-	47
Jungle	-	-	-	-	-	88	88
<b>Total</b>	<b>6 515</b>	<b>9 864</b>	<b>321</b>	<b>-</b>	<b>-</b>	<b>964</b>	<b>17 664</b>



**Table A1.9 - Zone 9 Southern Kwazulu-Natal**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	1 471	472	48	-	-	124	2 114
0-1	1 665	1 146	21	-	-	6	2 838
1-2	2 581	1 182	9	-	-	5	3 776
2-3	2 445	492	136	-	-	102	3 176
3-4	1 972	332	52	-	-	221	2 577
4-5	2 665	703	40	-	-	48	3 456
5-6	1 625	862	6	-	-	54	2 548
6-7	1 693	1 624	65	-	-	124	3 505
7-8	1 084	618	51	-	-	177	1 930
8-9	964	467	82	-	-	248	1 762
9-10	1 504	116	13	-	-	298	1 930
10-11	1 717	202	-	-	-	400	2 318
11-12	1 941	137	4	-	-	514	2 597
12-13	1 768	128	10	-	-	411	2 317
13-14	2 202	234	-	-	-	340	2 776
14-15	2 045	230	34	-	-	279	2 588
15-16	2 031	634	-	-	-	96	2 762
16-17	1 435	152	-	-	-	1	1 588
17-18	1 776	151	-	-	-	-	1 926
18-19	1 758	101	-	-	-	-	1 859
19-20	1 187	96	-	-	-	3	1 285
20-21	1 085	-	18	-	-	22	1 125
21-22	686	134	11	1	-	7	840
22-23	717	42	-	-	-	4	763
23-24	511	128	-	-	-	-	639
24-25	335	209	-	-	-	-	544
25-26	330	180	19	-	-	-	529
26-27	189	107	-	-	-	20	316
27-28	69	57	23	-	-	27	176
28-29	295	186	51	-	-	-	531
29-30	122	73	2	-	-	-	196
30-31	47	82	127	-	-	-	255
31-32	34	31	-	-	-	-	64
32-33	4	-	-	-	-	-	4
33-34	36	22	8	-	-	54	119
34+	19	80	125	607	-	28	860
Jungle	-	-	-	-	-	10	10
<b>Total</b>	<b>42 006</b>	<b>11 406</b>	<b>954</b>	<b>609</b>	<b>-</b>	<b>3 623</b>	<b>58 597</b>

**Table A1.11 - Zone 11 Eastern Cape**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	7 787	4 063	254	176	19	-	12 298
0-1	1 216	964	294	-	-	107	2 580
1-2	1 544	1 807	297	34	-	325	4 008
2-3	1 854	1 705	227	-	-	54	3 841
3-4	1 117	1 623	63	23	-	331	3 157
4-5	2 361	1 569	-	23	-	98	4 051
5-6	1 385	1 857	-	16	-	305	3 563
6-7	987	1 237	229	61	-	322	2 835
7-8	1 779	1 376	595	10	-	530	4 290
8-9	1 928	1 098	91	122	-	536	3 775
9-10	1 934	582	9	200	-	1 777	4 502
10-11	1 225	399	20	331	-	1 363	3 337
11-12	1 709	430	17	441	28	1 021	3 645
12-13	2 479	270	120	425	-	1 261	4 555
13-14	2 629	322	48	239	-	1 578	4 816
14-15	1 359	393	67	289	-	771	2 878
15-16	1 724	305	53	25	-	687	2 794
16-17	2 309	715	161	199	30	246	3 658
17-18	2 760	611	132	85	98	80	3 767
18-19	2 575	941	36	67	134	91	3 845
19-20	1 672	494	-	129	96	46	2 436
20-21	910	500	5	30	98	-	1 543
21-22	1 014	366	-	90	128	-	1 599
22-23	390	290	-	90	142	2	914
23-24	459	150	0	111	46	-	767
24-25	769	267	21	39	7	-	1 103
25-26	449	112	-	81	148	-	790
26-27	400	85	1	39	54	-	579
27-28	616	109	76	82	-	-	883
28-29	187	64	14	37	57	2	361
29-30	126	60	72	35	676	-	968
30-31	229	318	21	170	386	-	1 125
31-32	68	356	91	70	477	-	1 063
32-33	145	259	58	104	383	148	1 097
33-34	31	121	78	35	164	2	430
34+	421	311	153	44	191	54	1 172
Jungle	0	-	-	25	85	14	125
<b>Total</b>	<b>50 544</b>	<b>26 124</b>	<b>3 303</b>	<b>3 977</b>	<b>3 446</b>	<b>11 752</b>	<b>99 146</b>

**Table A1.12 - Zone 12 Southern Cape**

Age in Years	Area of Softwood Species by Age Class						2009/2010
	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	177	7	13 805	922	24	14 935
0-1	631	184	66	403	-	18	1 302
1-2	-	272	4	497	-	-	772
2-3	-	656	-	335	-	-	991
3-4	-	106	-	749	19	-	874
4-5	4 492	181	160	944	-	146	5 923
5-6	-	73	-	501	-	-	574
6-7	-	19	-	986	-	-	1 006
7-8	-	9	-	277	-	-	286
8-9	-	1	-	365	-	-	366
9-10	2 819	31	57	1 327	1	-	4 235
10-11	-	54	-	673	-	-	727
11-12	-	488	-	580	-	-	1 068
12-13	-	40	-	1 799	10	-	1 849
13-14	-	170	2	1 103	2	5	1 282
14-15	1 670	73	8	3 153	8	3	4 914
15-16	-	-	-	1 285	-	-	1 285
16-17	-	-	1	914	-	23	938
17-18	-	7	9	1 242	23	-	1 281
18-19	-	-	-	1 224	15	-	1 240
19-20	897	-	18	1 559	136	-	2 611
20-21	-	-	-	652	114	-	766
21-22	-	47	-	832	86	1	965
22-23	-	21	-	736	86	-	843
23-24	-	15	-	494	143	-	653
24-25	573	97	-	1 092	148	-	1 910
25-26	-	103	-	300	69	-	472
26-27	-	71	-	184	188	2	445
27-28	-	16	-	208	189	-	412
28-29	-	28	-	350	134	-	513
29-30	147	2	-	457	252	2	859
30-31	-	37	7	144	141	-	329
31-32	-	-	-	53	223	-	276
32-33	-	-	-	143	142	-	285
33-34	-	-	-	99	119	-	217
34+	187	343	26	1 056	2 503	2	4 117
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>11 416</b>	<b>3 321</b>	<b>364</b>	<b>40 519</b>	<b>5 672</b>	<b>224</b>	<b>61 516</b>

**Table A1.13 - Zone 13 Western Cape**

**Area of Softwood Species by Age Class 2009/2010**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	-	-	4 885	-	-	4 885
0-1	-	-	-	148	-	-	148
1-2	-	4	35	92	34	13	178
2-3	-	33	21	293	-	-	347
3-4	-	66	32	211	-	-	309
4-5	-	2	28	220	-	-	250
5-6	-	6	-	220	37	-	263
6-7	-	-	-	183	-	-	183
7-8	-	-	-	110	24	2	136
8-9	-	-	-	103	7	-	110
9-10	-	-	-	157	34	-	191
10-11	-	-	-	142	19	-	161
11-12	56	-	-	365	17	-	438
12-13	50	-	-	399	10	-	459
13-14	-	-	-	490	28	10	528
14-15	100	-	24	314	10	-	449
15-16	1	-	-	513	10	20	543
16-17	-	-	-	485	5	-	490
17-18	-	-	-	490	14	37	540
18-19	-	-	-	457	-	-	457
19-20	-	6	-	500	36	-	542
20-21	-	-	-	275	36	-	311
21-22	-	-	-	150	113	-	263
22-23	-	-	-	238	56	-	293
23-24	-	-	-	278	71	-	350
24-25	-	-	-	141	60	-	201
25-26	-	-	-	152	58	-	210
26-27	-	-	-	130	96	-	226
27-28	-	-	-	90	28	-	118
28-29	-	-	-	128	67	-	195
29-30	-	2	-	109	90	-	201
30-31	-	-	-	125	96	-	221
31-32	-	-	-	130	22	-	152
32-33	-	-	-	82	10	-	92
33-34	-	-	-	40	2	-	42
34+	-	-	1	814	437	11	1 262
Jungle	-	-	-	155	31	-	186
<b>Total</b>	<b>207</b>	<b>120</b>	<b>140</b>	<b>13 813</b>	<b>1 557</b>	<b>92</b>	<b>15 930</b>

**Table A2.0 - Total for South Africa**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	21 736	12 812	6 126	2	185	40 862
0-1	27 454	23 631	6 336	175	45	57 642
1-2	30 133	25 067	6 193	119	682	62 194
2-3	31 169	19 529	6 342	153	20	57 213
3-4	32 689	17 794	7 104	60	88	57 734
4-5	30 679	21 092	8 836	51	47	60 705
5-6	31 482	16 542	9 457	93	242	57 816
6-7	25 715	14 887	9 779	106	214	50 701
7-8	18 969	12 148	9 540	92	233	40 981
8-9	12 365	10 069	8 174	150	93	30 851
9-10	8 162	6 586	6 790	20	58	21 616
10-11	8 426	6 606	5 389	64	39	20 523
11-12	4 816	4 567	3 459	40	153	13 036
12-13	5 256	4 115	2 359	15	110	11 854
13-14	4 145	2 718	1 205	24	77	8 168
14-15	2 832	1 844	1 052	69	67	5 863
15-16	3 266	1 403	947	56	9	5 681
16-17	1 693	748	647	108	163	3 360
17-18	1 152	552	239	46	24	2 013
18-19	984	432	154	49	58	1 677
19-20	830	403	41	58	114	1 447
20-21	744	931	41	115	31	1 863
21-22	453	468	13	23	17	974
22-23	387	245	21	22	20	695
23-24	421	116	6	-	28	571
24-25	244	276	39	13	18	590
25-26	165	481	9	10	27	691
26-27	128	182	2	-	34	347
27-28	109	89	5	1	14	219
28-29	12	96	6	18	45	178
29-30	28	92	50	13	37	219
30-31	168	72	5	6	16	268
31-32	21	25	10	10	6	72
32-33	75	107	10	11	84	287
33-34	39	65	-	-	8	111
34+	719	1 226	395	67	245	2 651
Jungle	120	225	813	33	74	1 266
<b>Total</b>	<b>307 786</b>	<b>208 242</b>	<b>101 594</b>	<b>1 892</b>	<b>3 424</b>	<b>622 939</b>

**Table A2.1 - Zone 1 Limpopo Province**

Age in Years	Area of Hardwood Species by Age Class					2009/2010
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 978	498	-	-	-	2 476
0-1	715	213	14	-	-	942
1-2	1 131	507	4	-	-	1 642
2-3	1 026	333	12	-	-	1 371
3-4	1 573	493	-	-	-	2 066
4-5	852	348	9	-	-	1 210
5-6	944	208	13	-	-	1 165
6-7	759	187	5	-	-	950
7-8	703	180	8	-	-	892
8-9	764	154	5	-	-	924
9-10	566	266	-	-	-	832
10-11	641	344	-	-	-	985
11-12	459	328	-	-	-	787
12-13	519	162	3	-	-	684
13-14	715	40	-	-	-	755
14-15	788	-	-	-	-	788
15-16	608	7	-	-	-	615
16-17	536	20	-	-	-	555
17-18	562	1	-	-	-	563
18-19	336	-	-	-	-	336
19-20	182	1	-	-	0	184
20-21	107	9	-	-	9	126
21-22	21	1	-	-	-	22
22-23	5	-	-	-	3	8
23-24	1	4	-	-	-	5
24-25	-	-	-	-	-	-
25-26	2	8	-	3	-	13
26-27	-	6	-	-	7	13
27-28	-	-	-	-	-	-
28-29	-	-	-	-	9	9
29-30	10	-	-	7	12	29
30-31	-	-	-	-	16	16
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	5	-	-	-	36	41
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>16 511</b>	<b>4 317</b>	<b>72</b>	<b>10</b>	<b>92</b>	<b>21 002</b>

**Table A2.2 - Zone 2 Mpumalanga North**

Age in Years	Area of Hardwood Species by Age Class					2009/2010
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 762	994	-	-	-	3 756
0-1	5 669	1 317	19	-	-	7 005
1-2	7 088	1 288	-	-	-	8 376
2-3	5 439	582	-	-	-	6 021
3-4	6 323	494	-	-	-	6 817
4-5	5 024	512	-	-	-	5 536
5-6	6 959	369	-	-	-	7 328
6-7	4 534	280	-	-	-	4 814
7-8	2 861	289	-	-	-	3 150
8-9	2 819	137	8	-	-	2 964
9-10	1 381	184	-	-	-	1 565
10-11	2 843	51	-	-	-	2 894
11-12	976	53	-	-	-	1 029
12-13	1 743	22	-	-	-	1 765
13-14	1 368	40	-	-	-	1 408
14-15	864	9	-	-	-	873
15-16	2 091	81	-	-	-	2 171
16-17	454	14	-	-	-	469
17-18	282	19	-	-	6	307
18-19	337	33	-	-	-	370
19-20	407	91	-	-	1	499
20-21	490	40	-	-	14	544
21-22	383	17	-	-	15	415
22-23	278	13	-	-	-	290
23-24	266	2	-	-	19	286
24-25	207	9	-	-	1	217
25-26	126	26	-	1	2	155
26-27	97	5	-	-	3	106
27-28	32	12	-	-	-	44
28-29	11	20	-	-	30	61
29-30	9	4	-	-	2	16
30-31	95	28	-	-	-	124
31-32	21	1	-	-	-	22
32-33	33	-	-	-	-	33
33-34	26	14	-	-	-	40
34+	211	145	-	-	9	365
Jungle	67	32	-	-	-	99
<b>Total</b>	<b>64 577</b>	<b>7 228</b>	<b>27</b>	<b>1</b>	<b>102</b>	<b>71 935</b>

**Table A2.3 - Zone 3 Central Districts**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	203	258	-	-	-	461
0-1	-	42	59	-	-	101
1-2	-	356	-	-	-	356
2-3	51	290	-	-	-	341
3-4	-	513	-	-	-	513
4-5	-	691	-	-	-	691
5-6	53	476	-	-	-	528
6-7	32	472	39	-	-	543
7-8	-	382	-	-	-	382
8-9	-	207	-	-	-	207
9-10	-	51	-	-	-	51
10-11	-	137	-	-	-	137
11-12	-	51	-	-	-	51
12-13	89	63	-	-	-	152
13-14	73	89	-	-	-	162
14-15	0	148	-	-	-	149
15-16	-	-	-	-	-	-
16-17	-	-	-	-	-	-
17-18	-	67	-	-	-	67
18-19	-	2	-	-	-	2
19-20	-	14	-	-	-	14
20-21	-	104	-	-	-	104
21-22	-	7	-	-	-	7
22-23	-	4	-	-	-	4
23-24	-	12	-	-	-	12
24-25	1	101	-	-	-	102
25-26	-	-	-	-	-	-
26-27	-	12	-	-	-	12
27-28	-	-	-	-	-	-
28-29	-	1	-	-	-	1
29-30	-	37	-	-	-	37
30-31	-	3	-	-	-	3
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	-	-	-
Jungle	-	61	-	-	-	61
<b>Total</b>	<b>501</b>	<b>4 650</b>	<b>99</b>	<b>-</b>	<b>-</b>	<b>5 250</b>



**Table A2.4 - Zone 4 Mpumalanga South**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 294	4 028	804	2	62	8 191
0-1	3 748	6 878	765	175	41	11 607
1-2	3 804	8 729	834	85	523	13 976
2-3	3 129	6 973	859	149	12	11 122
3-4	3 220	6 819	716	47	83	10 885
4-5	3 098	8 632	953	30	29	12 742
5-6	3 774	6 429	1 020	53	241	11 517
6-7	4 137	6 715	1 102	88	179	12 221
7-8	3 293	5 388	1 503	85	182	10 450
8-9	1 840	5 192	1 753	132	88	9 004
9-10	1 086	2 653	1 015	0	58	4 812
10-11	1 074	2 946	1 299	8	39	5 366
11-12	505	2 673	634	30	138	3 980
12-13	201	1 964	630	-	101	2 896
13-14	86	903	307	8	74	1 378
14-15	36	726	284	20	5	1 072
15-16	60	502	25	19	2	608
16-17	28	262	47	25	-	361
17-18	2	240	46	14	-	302
18-19	22	128	40	-	4	195
19-20	4	109	6	34	-	152
20-21	-	610	25	45	-	679
21-22	3	284	5	10	-	302
22-23	9	56	20	18	-	103
23-24	1	10	3	-	-	14
24-25	22	12	-	9	-	42
25-26	-	395	-	-	-	395
26-27	-	17	-	-	-	17
27-28	-	21	-	-	-	21
28-29	-	34	-	-	-	34
29-30	-	19	-	6	-	25
30-31	-	23	-	-	-	23
31-32	-	1	-	-	-	1
32-33	-	-	-	8	-	8
33-34	-	-	-	-	-	-
34+	-	225	6	22	2	255
Jungle	4	20	369	-	-	393
<b>Total</b>	<b>36 479</b>	<b>80 613</b>	<b>15 069</b>	<b>1 122</b>	<b>1 864</b>	<b>135 145</b>

**Table A2.5 - Zone 5 Maputaland**

Age in Years	Area of Hardwood Species by Age Class					2009/2010
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 371	-	-	-	-	2 371
0-1	672	488	-	-	-	1 161
1-2	486	9	-	-	-	495
2-3	288	472	-	-	-	760
3-4	1 109	-	-	-	-	1 109
4-5	97	-	-	-	-	97
5-6	42	-	-	-	-	42
6-7	-	-	-	-	-	-
7-8	140	-	-	-	-	140
8-9	66	-	-	-	-	66
9-10	53	-	-	-	-	53
10-11	135	257	-	-	-	393
11-12	187	-	-	-	-	187
12-13	162	50	-	-	-	211
13-14	32	-	-	-	-	32
14-15	84	41	-	-	-	125
15-16	59	3	-	-	-	62
16-17	49	-	-	-	-	49
17-18	-	-	-	-	-	-
18-19	43	-	-	-	-	43
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	-	-	-
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>6 075</b>	<b>1 319</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7 394</b>

**Table A2.6 - Zone 6 Zululand**

Age in Years	Area of Hardwood Species by Age Class					2009/2010
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 926	83	262	-	94	2 365
0-1	7 504	417	283	-	-	8 205
1-2	7 394	209	251	-	154	8 008
2-3	8 802	255	304	-	-	9 361
3-4	9 013	242	325	-	-	9 579
4-5	8 960	223	229	-	-	9 413
5-6	8 963	293	331	-	-	9 587
6-7	6 627	525	299	-	8	7 459
7-8	3 826	39	203	-	-	4 068
8-9	1 194	10	165	-	5	1 375
9-10	511	31	254	-	-	796
10-11	112	24	143	-	-	279
11-12	69	-	25	-	-	94
12-13	237	19	61	-	-	316
13-14	21	-	-	-	1	23
14-15	13	4	-	-	-	16
15-16	10	-	-	-	-	10
16-17	43	-	-	-	0	44
17-18	30	4	-	-	-	34
18-19	7	-	-	-	-	7
19-20	-	4	-	-	-	4
20-21	3	17	-	-	-	20
21-22	6	-	-	-	1	8
22-23	27	-	-	-	-	27
23-24	12	-	-	-	-	12
24-25	3	-	-	-	-	3
25-26	13	-	-	-	-	13
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	2	-	-	-	-	2
30-31	2	-	-	-	-	2
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	5	-	-	5	10
34+	-	12	-	-	-	12
Jungle	-	-	5	-	50	55
<b>Total</b>	<b>65 330</b>	<b>2 416</b>	<b>3 138</b>	<b>-</b>	<b>319</b>	<b>71 203</b>

**Table A2.7 - Zone 7 KwaZulu-Natal Midlands**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 751	2 861	2 532	-	-	9 144
0-1	4 980	5 815	3 321	-	4	14 120
1-2	4 774	6 081	3 121	-	-	13 976
2-3	5 316	4 748	3 163	-	-	13 227
3-4	4 885	4 540	3 925	13	5	13 367
4-5	5 525	4 923	4 915	21	1	15 386
5-6	4 586	4 322	5 094	35	1	14 038
6-7	4 315	2 415	6 012	18	4	12 764
7-8	3 178	2 371	5 347	6	-	10 903
8-9	2 256	1 489	4 262	17	-	8 024
9-10	1 785	1 325	3 658	18	-	6 786
10-11	1 516	1 354	1 995	25	-	4 889
11-12	1 336	644	1 223	8	7	3 219
12-13	1 137	780	752	7	-	2 675
13-14	1 086	771	371	13	-	2 241
14-15	341	462	264	44	2	1 113
15-16	189	427	292	26	-	934
16-17	59	115	58	69	6	307
17-18	50	34	96	29	1	209
18-19	65	14	27	42	-	149
19-20	60	35	16	24	2	137
20-21	11	77	-	59	-	147
21-22	1	18	2	7	-	27
22-23	20	10	1	5	-	35
23-24	49	4	1	-	-	54
24-25	1	20	9	4	-	34
25-26	-	3	9	1	-	12
26-27	-	2	2	-	-	4
27-28	-	-	-	1	-	1
28-29	1	-	-	18	-	19
29-30	-	-	-	-	-	-
30-31	-	-	5	4	-	9
31-32	-	-	10	-	-	10
32-33	-	-	10	-	-	10
33-34	-	1	-	-	-	1
34+	9	7	-	2	-	17
Jungle	22	-	81	-	-	103
<b>Total</b>	<b>51 303</b>	<b>45 666</b>	<b>50 572</b>	<b>516</b>	<b>33</b>	<b>148 089</b>

**Table A2.8 - Zone 8 Northern KwaZulu-Natal**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 341	1 331	2 017	-	15	4 703
0-1	2 025	3 244	1 453	-	-	6 722
1-2	3 337	3 458	1 693	-	1	8 488
2-3	3 539	2 651	1 727	4	8	7 928
3-4	2 870	2 351	1 718	-	-	6 939
4-5	2 909	2 839	1 756	-	14	7 518
5-6	2 763	2 290	1 801	5	-	6 859
6-7	2 460	1 931	1 527	-	3	5 921
7-8	2 326	1 961	1 512	-	51	5 851
8-9	1 320	1 245	1 481	-	-	4 047
9-10	990	635	1 250	-	-	2 876
10-11	536	159	1 399	-	-	2 094
11-12	146	161	1 067	-	-	1 374
12-13	239	21	396	-	-	657
13-14	139	33	169	2	-	343
14-15	143	99	97	-	-	338
15-16	25	62	73	-	-	161
16-17	29	35	64	15	-	142
17-18	2	25	23	-	-	50
18-19	3	42	38	7	-	89
19-20	26	-	-	-	-	26
20-21	-	-	-	12	-	12
21-22	-	-	-	-	-	-
22-23	2	-	-	-	-	2
23-24	-	-	-	-	7	7
24-25	-	-	-	-	-	-
25-26	-	-	-	5	-	5
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	4	-	-	-	-	4
Jungle	18	-	119	-	-	137
<b>Total</b>	<b>27 190</b>	<b>24 575</b>	<b>21 379</b>	<b>48</b>	<b>99</b>	<b>73 291</b>

**Table A2.9 - Zone 9 Southern KwaZulu-Natal**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 403	1 867	277	-	-	3 547
0-1	1 385	3 944	400	-	-	5 729
1-2	1 401	3 513	258	34	-	5 206
2-3	2 885	2 202	246	-	-	5 334
3-4	2 446	2 229	383	-	-	5 059
4-5	2 689	2 492	889	-	-	6 070
5-6	2 601	2 012	1 056	-	-	5 669
6-7	2 024	1 939	712	-	-	4 674
7-8	2 022	1 370	761	-	-	4 154
8-9	1 723	1 314	321	1	-	3 359
9-10	1 390	1 205	393	2	-	2 989
10-11	1 360	1 262	502	28	-	3 151
11-12	1 001	596	275	2	-	1 874
12-13	613	629	433	9	-	1 683
13-14	392	771	343	1	2	1 508
14-15	265	289	371	5	3	933
15-16	160	166	539	11	2	878
16-17	332	80	475	-	1	888
17-18	63	67	68	2	0	199
18-19	89	50	24	-	-	162
19-20	14	3	15	-	4	35
20-21	70	10	17	-	-	97
21-22	3	42	-	6	-	51
22-23	20	40	-	-	-	60
23-24	90	-	2	-	-	92
24-25	2	10	-	-	-	12
25-26	-	8	-	-	1	8
26-27	3	-	-	-	-	3
27-28	65	-	-	-	0	65
28-29	-	-	6	-	-	6
29-30	-	-	-	-	-	-
30-31	60	-	-	-	-	60
31-32	-	-	-	-	-	-
32-33	-	-	-	-	4	4
33-34	-	-	-	-	-	-
34+	413	72	-	6	6	497
Jungle	7	15	80	-	13	116
<b>Total</b>	<b>26 989</b>	<b>28 197</b>	<b>8 843</b>	<b>105</b>	<b>37</b>	<b>64 170</b>

**Table A2.11 - Zone 11 Eastern Cape**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 585	875	234	-	6	3 700
0-1	757	1 272	22	-	-	2 051
1-2	719	918	33	-	-	1 670
2-3	693	1 023	32	-	-	1 747
3-4	1 251	109	34	-	-	1 393
4-5	1 525	431	85	-	-	2 040
5-6	797	143	143	-	-	1 083
6-7	828	420	84	-	20	1 351
7-8	619	156	206	-	-	981
8-9	383	321	179	-	-	883
9-10	402	234	220	-	-	856
10-11	207	71	53	4	-	335
11-12	137	58	236	-	5	434
12-13	317	137	85	-	-	539
13-14	233	65	15	-	-	313
14-15	297	67	33	-	36	432
15-16	96	145	17	-	5	263
16-17	213	175	3	-	154	545
17-18	163	65	6	-	7	240
18-19	125	144	25	-	43	336
19-20	137	117	4	-	10	269
20-21	27	59	-	-	-	85
21-22	36	69	6	-	-	111
22-23	25	118	-	-	18	160
23-24	3	18	-	-	-	21
24-25	8	62	6	-	2	78
25-26	24	39	-	-	-	63
26-27	27	111	-	-	-	139
27-28	11	31	5	-	-	47
28-29	-	12	-	-	7	19
29-30	7	13	-	-	-	20
30-31	10	18	-	3	-	31
31-32	-	13	-	10	2	25
32-33	42	99	-	3	81	225
33-34	12	22	-	-	2	36
34+	16	57	199	8	21	301
Jungle	2	97	160	33	12	304
<b>Total</b>	<b>12 733</b>	<b>7 780</b>	<b>2 123</b>	<b>60</b>	<b>428</b>	<b>23 124</b>

**Table A2.12 - Zone 12 Southern Cape**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	18	-	-	8	26
0-1	-	-	-	-	-	-
1-2	-	-	-	-	-	-
2-3	-	-	-	-	-	-
3-4	-	4	4	-	-	8
4-5	-	-	-	-	2	2
5-6	-	-	-	-	-	-
6-7	-	3	-	-	-	3
7-8	-	11	-	-	-	11
8-9	-	-	-	-	-	-
9-10	-	-	-	-	-	-
10-11	-	-	-	-	-	-
11-12	-	-	-	-	3	3
12-13	-	269	-	-	9	278
13-14	-	4	-	-	-	4
14-15	-	-	4	-	20	24
15-16	-	10	-	-	-	10
16-17	-	47	-	-	1	48
17-18	-	31	-	-	10	41
18-19	-	6	-	-	12	18
19-20	-	25	-	-	97	122
20-21	35	5	-	-	7	47
21-22	-	15	-	-	-	15
22-23	-	-	-	-	-	-
23-24	-	38	-	-	2	41
24-25	-	62	24	-	15	102
25-26	0	2	-	-	24	26
26-27	-	30	-	-	24	54
27-28	-	20	-	-	14	34
28-29	-	30	-	-	-	30
29-30	-	9	50	-	22	80
30-31	-	1	-	-	-	1
31-32	-	10	-	-	4	14
32-33	-	8	-	-	-	8
33-34	-	24	-	-	-	24
34+	-	376	189	4	164	733
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>35</b>	<b>1 058</b>	<b>271</b>	<b>4</b>	<b>438</b>	<b>1 805</b>



**Table A2.13 - Zone 13 Western Cape**

**Area of Hardwood Species by Age Class 2009/2010**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	-	-	-	-	-
0-1	-	-	1	-	-	1
1-2	-	-	-	-	4	4
2-3	-	-	-	-	-	-
3-4	-	-	-	-	-	-
4-5	-	-	1	-	-	1
5-6	-	-	-	-	-	-
6-7	-	-	-	-	-	-
7-8	-	-	-	-	-	-
8-9	-	-	-	-	-	-
9-10	-	-	-	-	-	-
10-11	-	-	-	-	-	-
11-12	-	4	-	-	-	4
12-13	-	-	-	-	-	-
13-14	-	2	-	-	-	2
14-15	1	-	-	-	-	1
15-16	-	-	-	-	-	-
16-17	-	-	-	-	-	-
17-18	-	-	1	2	-	3
18-19	1	14	-	-	-	15
19-20	-	5	-	-	-	5
20-21	-	1	-	-	-	1
21-22	-	16	-	-	-	16
22-23	-	5	-	-	-	5
23-24	-	29	-	-	-	29
24-25	-	-	-	-	-	-
25-26	-	1	-	-	-	1
26-27	-	-	-	-	-	-
27-28	2	5	-	-	-	7
28-29	-	-	-	-	-	-
29-30	-	10	-	-	-	10
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	1	1
34+	61	332	-	26	7	426
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>65</b>	<b>424</b>	<b>2</b>	<b>27</b>	<b>12</b>	<b>531</b>

**Table A3.0 - Total for South Africa**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	441 817	28	11 150	28	-	-	191 548	18	3 832	27	648 347
<i>E. grandis</i>	14 721	11	17 635	9	48 476	9	225 834	9	1 120	9	307 786
Other Eucalyptus	1 907	21	5 115	10	5 409	11	193 099	9	2 713	9	208 242
Wattle	728	10	3 725	10	1 161	10	95 384	10	596	9	101 594
Other Hardwoods	530	32	156	12	351	10	3 669	12	610	18	5 316
<b>Totals</b>	<b>459 702</b>		<b>37 781</b>		<b>55 398</b>		<b>709 535</b>		<b>8 870</b>		<b>1 271 286</b>

**Table A3.1 - Zone 1 Limpopo Province**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	27 258	29	35	30	-	-	-	-	-	-	27 293
<i>E. grandis</i>	7 710	9	2 979	10	4 874	10	183	9	765	9	16 511
Other Eucalyptus	39	8	2 595	10	97	10	-	-	1 586	8	4 317
Wattle	-	-	-	-	-	-	-	-	72	10	72
Other Hardwoods	2	40	90	9	-	-	3	15	7	30	102
Totals	35 009		5 699		4 970		186		2 430		48 295

**Table A3.2 - Zone 2 Mpumulanga North**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	131 848	27	-	-	-	-	20 044	18	-	-	151 892
<i>E. grandis</i>	6 111	12	2 915	9	37 886	9	17 450	8	215	9	64 577
Other Eucalyptus	276	14	-	-	2 882	9	4 018	8	53	8	7 228
Wattle	-	-	-	-	8	9	19	8	-	-	27
Other Hardwoods	60	11	-	-	39	9	4	9	-	-	103
<b>Totals</b>	<b>138 295</b>		<b>2 915</b>		<b>40 815</b>		<b>41 534</b>		<b>268</b>		<b>223 827</b>

**Table A3.3 - Zone 3 Central Districts**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	3 518	30	-	-	-	-	16 701	18	5	8	20 223
<i>E. grandis</i>	-	-	-	-	-	-	501	9	-	-	501
Other Eucalyptus	-	-	-	-	472	30	4 077	10	101	9	4 650
Wattle	-	-	-	-	-	-	99	10	-	-	99
Other Hardwoods	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>3 518</b>		<b>-</b>		<b>472</b>		<b>21 377</b>		<b>106</b>		<b>25 473</b>

**Table A3.4 - Zone 4 Mpumulanga South**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	64 053	26	-	-	-	-	68 262	18	2 163	20	134 478
<i>E. grandis</i>	411	19	574	9	2 912	9	32 582	9	-	-	36 479
Other Eucalyptus	218	25	-	-	1 355	9	78 439	9	601	9	80 613
Wattle	-	-	-	-	280	10	14 709	10	81	10	15 069
Other Hardwoods	7	14	-	-	51	10	2 720	11	207	15	2 985
Totals	64 689		574		4 597		196 711		3 052		269 623

**Table A3.5 - Zone 5 Maputaland**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	-	-	-	-	-	-	9 630	18	-	-	9 630
<i>E. grandis</i>	-	-	-	-	-	-	6 075	9	-	-	6 075
Other Eucalyptus	-	-	-	-	-	-	1 319	9	-	-	1 319
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	-	-	-	-	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	17 024		-	-	17 024

**Table A3.6 - Zone 6 Zululand**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	5 261	27	-	-	-	-	396	17	-	-	5 656
<i>E. grandis</i>	56	16	136	9	46	9	65 088	9	3	9	65 330
Other Eucalyptus	-	-	-	-	17	9	2 399	9	-	-	2 416
Wattle	-	-	205	10	-	-	2 933	8	-	-	3 138
Other Hardwoods	1	30	-	-	0	9	262	9	56	10	319
Totals	5 318		341		64		71 078		59		76 860



**Table A3.7 - Zone 7 KwaZulu-Natal Midlands**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	30 762	26	-	-	-	-	15 557	18	2	30	46 321
<i>E. grandis</i>	3	9	932	9	429	9	49 939	9	1	9	51 303
Other Eucalyptus	268	9	79	9	147	9	45 098	9	74	9	45 666
Wattle	444	10	2 320	10	207	11	47 535	10	66	10	50 572
Other Hardwoods	3	10	3	10	20	19	230	17	293	22	548
Totals	31 480		3 334		802		158 359		436		194 410

**Table A3.8 - Zone 8 Northern KwaZulu-Natal**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	ha
Softwoods	8 838	29	-	-	-	-	8 826	19	-	-	17 664
<i>E. grandis</i>	11	18	-	-	703	9	26 435	9	41	9	27 190
Other Eucalyptus	-	-	-	-	-	-	24 575	9	-	-	24 575
Wattle	-	-	-	-	196	10	20 853	10	330	9	21 379
Other Hardwoods	19	9	-	-	-	-	128	12	-	-	147
Totals	8 867		-		899		80 817		370		90 954

**Table A3.9 - Zone 9 Southern KwaZulu-Natal**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	27 664	29	-	-	-	-	30 933	18	-	-	58 597
<i>E. grandis</i>	63	10	243	10	855	8	25 828	9	-	-	26 989
Other Eucalyptus	61	9	15	7	8	10	28 113	8	-	-	28 197
Wattle	8	10	-	-	40	7	8 795	10	-	-	8 843
Other Hardwoods	-	-	-	-	1	9	141	17	-	-	142
Totals	27 796		258		904		93 810		-		122 768

**Table A3.11 - Zone 11 Eastern Cape**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	75 272	29	3 387	28	-	-	20 487	19	-	-	99 146
<i>E. grandis</i>	320	8	9 857	8	771	9	1 700	11	85	8	12 733
Other Eucalyptus	-	-	2 425	9	433	9	4 896	9	26	8	7 780
Wattle	9	8	1 200	9	431	10	437	10	45	9	2 123
Other Hardwoods	-	-	63	16	240	9	182	18	4	10	488
Totals	75 602		16 932		1 874		27 702		160		122 270

**Table A3.12 - Zone 12 Southern Cape**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	52 004	30	7 138	29	-	-	712	30	1 662	35	61 516
<i>E. grandis</i>	35	9	-	-	-	-	-	-	0	9	35
Other Eucalyptus	1 015	26	-	-	-	-	7	4	35	10	1 058
Wattle	267	10	-	-	-	-	4	4	-	-	271
Other Hardwoods	424	36	-	-	-	-	-	-	18	9	442
Totals	53 745		7 138		-		724		1 715		63 322

**Table A3.13 - Zone 13 Western Cape**

**Area according to main purpose for which trees are grown 2009/2010**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	15 340	31	589	18	-	-	-	-	1	18	15 930
<i>E. grandis</i>	-	-	-	-	-	-	55	9	10	9	65
Other Eucalyptus	30	25	-	-	-	-	158	9	237	9	424
Wattle	-	-	-	-	-	-	-	-	2	10	2
Other Hardwoods	13	23	-	-	-	-	-	-	26	27	39
Totals	15 383		589		-		213		275		16 461

Table A4.0 - Total for South Africa

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	2 771 672	58 926	-	3 185 377	12 381	18 676
	Pub	914 580	5 700	-	158 324	8 670	17 313
Total Softwoods		3 744 396	64 626	-	3 343 702	21 051	35 989
<i>E. grandis</i>	Pvt	167 233	161 002	482 575	2 765 136	6 279	45 038
	Pub	27 519	140 152	7 800	11 918	58 103	4 752
Total <i>E.grandis</i>		194 752	301 154	490 375	2 777 054	64 382	49 790
Other Gum	Pvt	20 049	33 249	20 403	2 807 439	24 488	6 668
	Pub	98	45 228	22 730	50 553	5 545	2
Total Other Gum		20 147	78 477	43 133	2 857 992	30 033	6 670
Wattle	Pvt	-	71	-	724 919	102 593	16 832
	Pub	-	1 920	-	13 145	4 549	-
Total Wattle		-	1 991	-	738 064	107 141	16 832
Other Hardwoods	Pvt	4 602	4 037	-	23 234	-	800
	Pub	-	-	-	-	-	-
Total Other Hardwoods		4 602	4 037	-	23 234	-	800
Totals	Pvt	3 021 700	257 285	502 978	9 506 106	145 741	88 013
	Pub	942 197	193 000	30 530	233 940	76 866	22 067
Total		3 963 897	450 285	533 508	9 740 046	222 607	110 081

**Table A4.1 - Zone 1 Limpopo Province**

**Timber Products sold from Plantations 2009/2010**

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	58 213	-	-	-	69	5 115
	Pub	131 325	-	-	11 391	4 846	6 589
Total Softwoods		189 538	-	-	11 391	4 915	11 704
<i>E. grandis</i>	Pvt	123 873	49 715	52 341	-	5 131	38 375
	Pub	-	11 320	-	-	10 567	-
Total <i>E.grandis</i>		123 873	61 034	52 341	-	15 698	38 375
Other Gum	Pvt	1 200	-	2 338	-	20 512	-
	Pub	-	27 655	-	-	-	-
Total Other Gum		1 200	27 655	2 338	-	20 512	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	183 286	49 715	54 679	-	25 712	43 490
	Pub	131 325	38 975	-	11 391	15 413	6 589
Total		314 611	88 689	54 679	11 391	41 125	50 079



Table A4.2 - Zone 2 Mpumalanga North

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	779 481	1 457	-	567 577	-	-
	Pub	469 931	-	-	125 673	1 649	10 664
Total Softwoods		1 249 412	1 457	-	693 250	1 649	10 664
<i>E. grandis</i>	Pvt	31 365	41 841	398 149	248 156	100	6 122
	Pub	25 416	29 987	6 836	1 703	3 595	4 308
Total <i>E.grandis</i>		56 781	71 828	404 985	249 859	3 695	10 430
Other Gum	Pvt	1 063	477	6 536	61 899	-	118
	Pub	-	-	561	-	570	-
Total Other Gum		1 063	477	7 097	61 899	570	118
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	811 909	43 775	404 685	877 632	100	6 240
	Pub	495 346	29 987	7 397	127 376	5 814	14 972
Total		1 307 256	73 762	412 082	1 005 008	5 914	21 212

Table A4.3 - Zone 3 Central Districts

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	-	-	-	199 346	-	-
	Pub	5 169	-	-	4 191	56	-
Total Softwoods		5 169	-	-	203 537	56	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	-	-	-	29 120	-	-
	Pub	-	-	-	-	3 086	-
Total Other Gum		-	-	-	29 120	3 086	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	228 878	-	-
	Pub	5 169	-	-	4 191	3 142	-
Total		5 169	-	-	233 069	3 142	-

Table A4.4 - Zone 4 Mpumalanga South

Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	351 537	-	-	461 462	-	8 639
	Pub	187 804	-	-	16 643	1 935	-
Total Softwoods		539 341	-	-	478 105	1 935	8 639
<i>E. grandis</i>	Pvt	196	9 760	17 495	237 626	24	23
	Pub	-	-	964	10 000	-	-
Total <i>E.grandis</i>		196	9 760	18 459	247 626	24	23
Other Gum	Pvt	5 904	725	11 529	470 047	3 044	6 172
	Pub	-	-	22 169	50 282	971	-
Total Other Gum		5 904	725	33 698	520 329	4 015	6 172
Wattle	Pvt	-	-	-	29 183	7 440	2 329
	Pub	-	-	-	13 145	-	-
Total Wattle		-	-	-	42 328	7 440	2 329
Other Hardwoods	Pvt	-	3 437	-	10 312	-	800
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	3 437	-	10 312	-	800
Totals	Pvt	357 637	13 922	29 024	1 208 629	10 508	17 963
	Pub	187 804	-	23 133	90 070	2 905	-
Total		545 441	13 922	52 157	1 298 699	13 413	17 963

Table A4.5 - Zone 5 Maputaland

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Softwoods		-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total		-	-	-	-	-	-

Table A4.6 - Zone 6 Zululand

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	16 720	-	-	9 444	-	-
	Pub	9 120	-	-	-	-	-
Total Softwoods		25 840	-	-	9 444	-	-
<i>E. grandis</i>	Pvt	-	-	-	1 059 592	-	-
	Pub	-	-	-	-	26	-
Total <i>E.grandis</i>		-	-	-	1 059 592	26	-
Other Gum	Pvt	-	-	-	492 993	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	492 993	-	-
Wattle	Pvt	-	-	-	19 723	472	-
	Pub	-	-	-	-	23	-
Total Wattle		-	-	-	19 723	495	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	16 720	-	-	1 581 752	472	-
	Pub	9 120	-	-	-	49	-
Total		25 840	-	-	1 581 752	521	-

Table A4.7 - Zone 7 KwaZulu-Natal Midlands

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	250 507	-	-	733 604	80	-
	Pub	-	-	-	-	-	-
Total Softwoods		250 507	-	-	733 604	80	-
<i>E. grandis</i>	Pvt	8 822	25 077	38	756 215	62	400
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		8 822	25 077	38	756 215	62	400
Other Gum	Pvt	2 909	15 687	-	961 935	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		2 909	15 687	-	961 935	-	-
Wattle	Pvt	-	71	-	499 395	17 935	13 856
	Pub	-	-	-	-	-	-
Total Wattle		-	71	-	499 395	17 935	13 856
Other Hardwoods	Pvt	4 145	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		4 145	-	-	-	-	-
Totals	Pvt	266 383	40 835	38	2 951 149	18 077	14 256
	Pub	-	-	-	-	-	-
Total		266 383	40 835	38	2 951 149	18 077	14 256

Table A4.8 - Zone 8 Northern KwaZulu-Natal

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	10 603	-	-	71 183	-	-
	Pub	-	-	-	-	-	-
Total Softwoods		10 603	-	-	71 183	-	-
<i>E. grandis</i>	Pvt	-	1 220	14 220	141 076	564	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	1 220	14 220	141 076	564	-
Other Gum	Pvt	-	722	-	89 005	889	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	722	-	89 005	889	-
Wattle	Pvt	-	-	-	78 986	76 436	625
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	78 986	76 436	625
Other Hardwoods	Pvt	-	-	-	5 320	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	5 320	-	-
Totals	Pvt	10 603	1 942	14 220	385 570	77 889	625
	Pub	-	-	-	-	-	-
Total		10 603	1 942	14 220	385 570	77 889	625

Table A4.9 - Zone 9 Southern KwaZulu-Natal

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	246 517	-	-	802 662	3 003	1 232
	Pub	-	-	-	-	-	-
Total Softwoods		246 517	-	-	802 662	3 003	1 232
<i>E. grandis</i>	Pvt	2 977	19 134	332	315 898	365	118
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		2 977	19 134	332	315 898	365	118
Other Gum	Pvt	249	12 716	-	702 441	10	-
	Pub	-	-	-	-	-	-
Total Other Gum		249	12 716	-	702 441	10	-
Wattle	Pvt	-	-	-	97 221	300	22
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	97 221	300	22
Other Hardwoods	Pvt	-	600	-	1 944	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	600	-	1 944	-	-
Totals	Pvt	249 743	32 450	332	1 920 165	3 678	1 372
	Pub	-	-	-	-	-	-
Total		249 743	32 450	332	1 920 165	3 678	1 372



Table A4.11 - Zone 11 Eastern Cape

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	575 963	4 315	-	340 099	9 229	3 548
	Pub	76 131	1 155	-	73	184	-
Total Softwoods		652 094	5 470	-	340 171	9 413	3 548
<i>E. grandis</i>	Pvt	-	14 255	-	6 573	8	-
	Pub	2 104	98 845	-	215	43 914	444
Total <i>E.grandis</i>		2 104	113 101	-	6 788	43 922	444
Other Gum	Pvt	31	2 922	-	-	33	378
	Pub	98	17 573	-	-	919	2
Total Other Gum		129	20 495	-	-	952	380
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	1 920	-	-	4 526	-
Total Wattle		-	1 920	-	-	4 526	-
Other Hardwoods	Pvt	58	-	-	5 658	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		58	-	-	5 658	-	-
Totals	Pvt	576 052	21 492	-	352 330	9 270	3 926
	Pub	78 332	119 493	-	288	49 543	446
Total		654 384	140 985	-	352 618	58 813	4 372

Table A4.12 - Zone 12 Southern Cape

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	460 890	42 237	-	-	-	142
	Pub	-	-	-	-	-	-
Total Softwoods		460 890	42 237	-	-	-	142
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	8 693	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		8 693	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	399	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		399	-	-	-	-	-
Totals	Pvt	469 982	42 237	-	-	-	142
	Pub	-	-	-	-	-	-
Total		469 982	42 237	-	-	-	142

Table A4.13 - Zone 13 Western Cape

## Timber Products sold from Plantations 2009/2010

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	79 384	10 918	-	-	-	-
	Pub	35 100	4 545	-	354	-	60
Total Softwoods		114 484	15 463	-	354	-	60
<i>E. grandis</i>	Pvt	-	-	-	-	25	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	-	-	-	25	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	271	-	-
Total Other Gum		-	-	-	271	-	-
Wattle	Pvt	-	-	-	-	10	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	10	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	79 384	10 918	-	-	35	-
	Pub	35 100	4 545	-	625	-	60
Total		114 484	15 463	-	625	35	60

**Table A5.0 - Total for South Africa****Damage by fire and other causes****2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	968	7 421	297	432	83	2 627	10 859
Hardwood	1 875	8 391	1 867	77	1 667	396	12 398
<b>Total</b>	<b>2 843</b>	<b>15 812</b>	<b>2 164</b>	<b>508</b>	<b>1 750</b>	<b>3 024</b>	<b>23 257</b>

## Causes of fires:

	Area ha	%
Natural	800	5
Accidental	4 232	27
Arson	3 058	19
Unknown	7 722	49
	<u>15 812</u>	<u>100</u>

**Table A5.1 - Zone 1 Limpopo Province**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	21	21	8	-	-	5	34
Hardwood	8	71	4	-	-	1	76
<b>Total</b>	<b>29</b>	<b>92</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>110</b>

Causes of fires:

	Area ha	%
Natural	6	6
Accidental	20	22
Arson	62	68
Unknown	4	4
	<b>92</b>	<b>100</b>

**Table A5.2 - Zone 2 Mpumalanga North**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	123	238	15	-	12	244	509
Hardwood	54	491	67	-	3	23	585
<b>Total</b>	<b>177</b>	<b>729</b>	<b>82</b>	<b>-</b>	<b>15</b>	<b>267</b>	<b>1 093</b>

Causes of fires:

	Area ha	%
Natural	34	5
Accidental	121	17
Arson	18	2
Unknown	557	76
	<b>729</b>	<b>100</b>

**Table A5.3 - Zone 3 Central Districts**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	1	1	-	-	-	9	10
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9</b>	<b>10</b>

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	1	100
Arson	-	0
Unknown	-	0
	<u>1</u>	<u>100</u>

**Table A5.4 - Zone 4 Mpumalanga South****Damage by fire and other causes****2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	258	488	23	4	-	2 106	2 621
Hardwood	1 047	2 262	600	72	37	77	3 048
<b>Total</b>	<b>1 305</b>	<b>2 750</b>	<b>624</b>	<b>76</b>	<b>37</b>	<b>2 183</b>	<b>5 669</b>

## Causes of fires:

	Area	
	ha	%
Natural	92	3
Accidental	274	10
Arson	1 774	65
Unknown	611	22
	<u>2 750</u>	<u>100</u>



**Table A5.5 - Zone 5 Maputaland**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	-	-	-	-	-	-	-
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-	-

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	-	0
Arson	-	0
Unknown	-	0
	-	-

**Table A5.6 - Zone 6 Zululand**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	19	147	-	-	-	-	147
Hardwood	117	1 095	-	-	749	-	1 844
<b>Total</b>	<b>136</b>	<b>1 241</b>	<b>-</b>	<b>-</b>	<b>749</b>	<b>-</b>	<b>1 990</b>

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	765	62
Arson	89	7
Unknown	387	31
	<b>1 241</b>	<b>100</b>

**Table A5.7 - Zone 7 KwaZulu-Natal Midlands**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	64	299	93	-	18	63	473
Hardwood	247	2 332	728	-	62	211	3 333
<b>Total</b>	<b>311</b>	<b>2 631</b>	<b>821</b>	<b>-</b>	<b>80</b>	<b>274</b>	<b>3 806</b>

Causes of fires:

	Area ha	%
Natural	18	1
Accidental	247	9
Arson	410	16
Unknown	1 956	74
	<b>2 631</b>	<b>100</b>

**Table A5.8 - Zone 8 Northern KwaZulu-Natal****Damage by fire and other causes****2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	27	275	36	-	-	28	339
Hardwood	324	1 157	343	-	62	75	1 637
<b>Total</b>	<b>351</b>	<b>1 432</b>	<b>379</b>	<b>-</b>	<b>62</b>	<b>102</b>	<b>1 975</b>

## Causes of fires:

	Area ha	%
Natural	18	1
Accidental	320	22
Arson	162	11
Unknown	933	65
	<u>1 432</u>	<u>100</u>

**Table A5.9 - Zone 9 Southern KwaZulu-Natal**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	177	1 891	110	392	32	45	2 471
Hardwood	68	546	124	5	754	10	1 439
<b>Total</b>	<b>245</b>	<b>2 437</b>	<b>234</b>	<b>397</b>	<b>786</b>	<b>55</b>	<b>3 910</b>

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	1 182	48
Arson	239	10
Unknown	1 016	42
	<u>2 437</u>	<u>100</u>

**Table A5.11 - Zone 11 Eastern Cape**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	108	1 800	-	-	-	110	1 910
Hardwood	10	436	-	-	-	-	436
<b>Total</b>	<b>118</b>	<b>2 236</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>110</b>	<b>2 346</b>

Causes of fires:

	Area ha	%
Natural	10	0
Accidental	1 300	58
Arson	298	13
Unknown	628	28
	<b>2 236</b>	<b>100</b>

**Table A5.12 - Zone 12 Southern Cape**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	85	26	10	-	20	18	74
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>85</b>	<b>26</b>	<b>10</b>	<b>-</b>	<b>20</b>	<b>18</b>	<b>74</b>

Causes of fires:

	Area ha	%
Natural	21	79
Accidental	-	0
Arson	5	20
Unknown	0	0
	<u>26</u>	<u>100</u>

**Table A5.13 - Zone 13 Western Cape**

**Damage by fire and other causes**

**2009/2010**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	85	2 236	2	35	0	-	2 273
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>85</b>	<b>2 236</b>	<b>2</b>	<b>35</b>	<b>0</b>	<b>-</b>	<b>2 273</b>

Causes of fires:

	Area	
	ha	%
Natural	602	27
Accidental	3	0
Arson	-	0
Unknown	1 632	73
	<u>2 236</u>	<u>100</u>



**Table A6.0 - Total for South Africa**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
	Softwood Species	Pvt	1 673	100	129	106
	Pub	7	-	-	-	7
Total Softwood		1 680	100	129	106	2 014
Eucalyptus Species	Pvt	137	368	5	151	660
	Pub	-	69	-	-	69
Total Eucalyptus		137	437	5	151	729
Wattle	Pvt	143	737	33	160	1 072
	Pub	-	65	-	-	65
Total Wattle		143	801	33	160	1 136
Other Hardwood Species	Pvt	9	6	25	22	62
	Pub	-	-	-	-	-
Total Other Hardwood		9	6	25	22	62
	Pvt	289	2 416	492	166	3 802
	Pub	-	71	69	-	141
Total Conversion		289	2 487	562	166	3 942

Table A6.1 - Zone 1 Limpopo Province

Conversion of existing plantation areas 2009/2010

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses	Total
	ha	ha	ha	ha	ha	ha
Softwood Species	Pvt	2	-	-	5	7
	Pub	-	-	-	-	-
Total Softwood		2	-	-	5	7
Eucalyptus Species	Pvt	70	-	-	4	74
	Pub	-	-	-	-	-
Total Eucalyptus		70	-	-	4	74
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	70	2	-	9	80
	Pub	-	-	-	-	-
Total Conversion		70	2	-	9	80

**Table A6.2 - Zone 2 Mpumalanga North**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>						
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses	Total	
	ha	ha	ha	ha	ha	ha	
Softwood Species	Pvt	451	-	-	-	451	
	Pub	-	-	-	-	-	
Total Softwood		451	-	-	-	451	
Eucalyptus Species	Pvt	-	19	-	81	100	
	Pub	-	-	-	-	-	
Total Eucalyptus		-	19	-	81	100	
Wattle	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Wattle		-	-	-	-	-	
Other Hardwood Species	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Other Hardwood		-	-	-	-	-	
Total Conversion	Pvt	-	451	19	-	81	551
	Pub	-	-	-	-	-	-
Total Conversion		-	451	19	-	81	551

**Table A6.3 - Zone 3 Central Districts**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses	Total
	ha	ha	ha	ha	ha	ha
Softwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood		-	-	-	-	-
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	59	-	-	59
Total Eucalyptus		-	59	-	-	59
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	-	-	-	-
	Pub	-	59	-	-	59
Total Conversion		-	59	-	-	59

**Table A6.4 - Zone 4 Mpumalanga South**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses	Total
	ha	ha	ha	ha	ha	ha
Softwood Species	Pvt	-	53	92	-	144
	Pub	-	-	-	-	-
Total Softwood		-	53	92	-	144
Eucalyptus Species	Pvt	44	191	-	-	235
	Pub	-	-	-	-	-
Total Eucalyptus	44		191	-	-	235
Wattle	Pvt	-	50	-	115	165
	Pub	-	-	-	-	-
Total Wattle	-	50		-	115	165
Other Hardwood Species	Pvt	9	-	25	-	34
	Pub	-	-	-	-	-
Total Other Hardwood	9	-	25	-	-	34
Total Conversion	Pvt	53	50	269	92	579
	Pub	-	-	-	-	-
Total Conversion	53	50	269	92	115	579

Table A6.5 - Zone 5 Maputaland

Conversion of existing plantation areas 2009/2010

<b>Converted from</b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood		-	-	-	-	-
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-

**Table A6.6 - Zone 6 Zululand**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood		-	-	-	-	-
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Conversion		-	-	-	-	-

**Table A6.7 - Zone 7 KwaZulu-Natal Midlands**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	1 176	36	-	-	1 213
	Pub	4	-	-	-	4
Total Softwood		1 180	36	-	-	1 217
Eucalyptus Species	Pvt	11	96	4	22	134
	Pub	-	-	-	-	-
Total Eucalyptus	11		96	4	22	134
Wattle	Pvt	47	509	4	26	586
	Pub	-	50	-	-	50
Total Wattle	47	559		4	26	636
Other Hardwood Species	Pvt	-	6	-	18	24
	Pub	-	-	-	-	-
Total Other Hardwood	-	6	-		18	24
Total Conversion	Pvt	58	1 692	133	8	1 957
	Pub	-	54	-	-	54
Total Conversion	58	1 746	133	8	67	2 011



**Table A6.8 - Zone 8 Northern KwaZulu-Natal**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					<b>Total ha</b>	
	<b>Softwood Species ha</b>	<b>Eucalyptus Species ha</b>	<b>Wattle ha</b>	<b>Other Hardwood Species ha</b>	<b>Agriculture and Other Uses ha</b>		
Softwood Species	Pvt	-	2	2	-	4	
	Pub	-	-	-	-	-	
Total Softwood		-	2	2	-	4	
Eucalyptus Species	Pvt	-	53	-	-	53	
	Pub	-	-	-	-	-	
Total Eucalyptus		-	53	-	-	53	
Wattle	Pvt	-	53	-	11	64	
	Pub	-	-	-	-	-	
Total Wattle		-	53	-	11	64	
Other Hardwood Species	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Other Hardwood		-	-	-	-	-	
Total Conversion	Pvt	-	53	55	2	11	120
	Pub	-	-	-	-	-	-
Total Conversion		-	53	55	2	11	120

**Table A6.9 - Zone 9 Southern KwaZulu-Natal**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	44	9	36	-	88
	Pub	-	-	-	-	-
Total Softwood		44	9	36	-	88
Eucalyptus Species	Pvt	12	8	1	44	65
	Pub	-	-	-	-	-
Total Eucalyptus	12		8	1	44	65
Wattle	Pvt	2	124	-	8	134
	Pub	-	-	-	-	-
Total Wattle	2	124		-	8	134
Other Hardwood Species	Pvt	-	-	-	4	4
	Pub	-	-	-	-	-
Total Other Hardwood	-	-	-		4	4
Total Conversion	Pvt	14	168	17	36	290
	Pub	-	-	-	-	-
Total Conversion	14	168	17	36	56	290

**Table A6.11 - Zone 11 Eastern Cape**

**Conversion of existing plantation areas 2009/2010**

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	-	-	-	101	101
	Pub	3	-	-	-	3
Total Softwood		3	-	-	101	104
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	10	-	-	10
Total Eucalyptus		-	10	-	-	10
Wattle	Pvt	94	-	29	-	123
	Pub	-	15	-	-	15
Total Wattle		94	15	29	-	137
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	94	3	-	29	224
	Pub	-	17	10	-	27
Total Conversion		94	17	10	29	251

Table A6.12 - Zone 12 Southern Cape

Conversion of existing plantation areas 2009/2010

<b>Converted from</b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood		-	-	-	-	-
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-

Table A6.13 - Zone 13 Western Cape

Conversion of existing plantation areas 2009/2010

<b><u>Converted from</u></b>	<b>Converted to</b>					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
	Softwood Species	Pvt	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood		-	-	-	-	-
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Conversion		-	-	-	-	-

**Table A7.0 - Total for South Africa**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood Species	Eucalyptus Species	Wattle	Other Hardwoods	Total	% of total
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	239	7	-	-	246	19
	Pub	2	-	-	-	2	0
Total Sawlogs		240	7	-	-	247	19
Poles	Pvt	-	109	10	-	119	9
	Pub	-	-	-	-	-	-
Total Poles		-	109	10	-	119	9
Mining timber	Pvt	-	38	-	-	38	3
	Pub	-	-	-	-	-	-
Total Mining Timber		-	38	-	-	38	3
Pulpwood	Pvt	31	557	309	16	912	69
	Pub	-	-	-	-	-	-
Total Pulpwood		31	557	309	16	912	69
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	270	710	319	16	1 314	100
	Pub	2	-	-	-	2	0
Total All		271	710	319	16	1 316	100

**Table A7.1 - Zone 1 Limpopo Province**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	2	7	-	-	9	100
	Pub	-	-	-	-	-	-
Total Sawlogs		2	7	-	-	9	100
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	2	7	-	-	9	100
	Pub	-	-	-	-	-	-
Total All		2	7	-	-	9	100

Table A7.2 - Zone 2 Mpumulanga North

## New afforestation according to species and purpose

2009/2010

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	16	-	-	-	16	43
	Pub	2	-	-	-	2	5
Total Sawlogs		18	-	-	-	18	48
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	20	-	-	20	52
	Pub	-	-	-	-	-	-
Total Mining Timber		-	20	-	-	20	52
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	16	20	-	-	36	95
	Pub	2	-	-	-	2	5
Total All		18	20	-	-	37	100



**Table A7.3 - Zone 3 Central Districts**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-

**Table A7.4 - Zone 4 Mpumalanga South**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	126	-	-	-	126	32
	Pub	-	-	-	-	-	-
Total Sawlogs		126	-	-	-	126	32
Poles	Pvt	-	32	-	-	32	8
	Pub	-	-	-	-	-	-
Total Poles		-	32	-	-	32	8
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	24	35	168	6	232	59
	Pub	-	-	-	-	-	-
Total Pulpwood		24	35	168	6	232	59
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	150	67	168	6	391	100
	Pub	-	-	-	-	-	-
Total All		150	67	168	6	391	100

Table A7.5 - Zone 5 Maputaland

## New afforestation according to species and purpose

2009/2010

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total All		-	-	-	-	-	-

**Table A7.6 - Zone 6 Zululand**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	302	5	10	317	100
	Pub	-	-	-	-	-	-
Total Pulpwood		-	302	5	10	317	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	302	5	10	317	100
	Pub	-	-	-	-	-	-
Total All		-	302	5	10	317	100

**Table A7.7 - Zone 7 KwaZulu-Natal Midlands**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	10	-	-	-	10	5
	Pub	-	-	-	-	-	-
Total Sawlogs		10	-	-	-	10	5
Poles	Pvt	-	26	10	-	36	19
	Pub	-	-	-	-	-	-
Total Poles		-	26	10	-	36	19
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	90	50	-	141	75
	Pub	-	-	-	-	-	-
Total Pulpwood		-	90	50	-	141	75
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	10	117	60	-	187	100
	Pub	-	-	-	-	-	-
Total All		10	117	60	-	187	100

**Table A7.8 - Zone 8 Northern KwaZulu-Natal**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total	
		Species	Species		Hardwoods			
		ha	ha	ha	ha	ha		
Sawlogs	Pvt	51	-	-	-	51	25	
	Pub	-	-	-	-	-	-	
Total Sawlogs		51	-	-	-	51	25	
Poles	Pvt	-	9	-	-	9	4	
	Pub	-	-	-	-	-	-	
Total Poles		-	9	-	-	9	4	
Mining timber	Pvt	-	18	-	-	18	9	
	Pub	-	-	-	-	-	-	
Total Mining Timber		-	18	-	-	18	9	
Pulpwood	Pvt	5	49	75	-	130	62	
	Pub	-	-	-	-	-	-	
Total Pulpwood		5	49	75	-	130	62	
Other Purposes	Pvt	-	-	-	-	-	-	
	Pub	-	-	-	-	-	-	
Total Other		-	-	-	-	-	-	
		Pvt	56	77	75	-	208	100
		Pub	-	-	-	-	-	
Total All		56	77	75	-	208	100	

**Table A7.9 - Zone 9 Southern KwaZulu-Natal**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	31	-	-	-	31	19
	Pub	-	-	-	-	-	-
Total Sawlogs		31	-	-	-	31	19
Poles	Pvt	-	41	-	-	41	25
	Pub	-	-	-	-	-	-
Total Poles		-	41	-	-	41	25
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	2	80	10	-	92	56
	Pub	-	-	-	-	-	-
Total Pulpwood		2	80	10	-	92	56
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	33	121	10	-	165	100
	Pub	-	-	-	-	-	-
Total All		33	121	10	-	165	100







**Table A7.13 - Zone 13 Western Cape**

**New afforestation according to species and purpose**

**2009/2010**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	3	-	-	-	3	100
	Pub	-	-	-	-	-	-
Total Sawlogs		3	-	-	-	3	100
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	3	-	-	-	3	100
	Pub	-	-	-	-	-	-
Total All		3	-	-	-	3	100

## **APPENDIX B - Detailed Primary Roundwood Processing Schedules**

**Table B10.0 - Primary Roundwood Processors by Ownership Type****2009/2010**

Zone	Number of Plants	Companies and Close Corporations	Individuals and Partnerships	State and Local Authorities
1	35	18	17	-
2	34	30	4	-
3	9	8	1	-
4	17	15	2	-
5	-	-	-	-
6	7	7	-	-
7	21	19	2	-
8	11	8	3	-
9	10	10	-	-
11	12	10	2	-
12	10	8	-	2
13	18	14	3	1
Total	184	147	34	3

**Table B11.0** Number of Primary Roundwood Processing Plants by Type and size of annual intake

**2009/2010**

Intake (m³)	Sawmills		Veneer Plants		Pole Impregnation Plants		Mining Timber Mills		Pulp and/or Board Plants		Match Factories		Charcoal Plants	
	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake
<5 000	24	1.4	2	23.0	17	9.1	3	1.9	3	0.0	-	-	1	0.6
5001 - 10 000	10	2.0	1	29.8	5	9.0	-	-	3	0.2	-	-	-	-
10 001 - 20 000	18	6.6	1	47.2	4	11.0	1	2.7	1	0.1	-	-	-	-
20 001 - 50 000	10	8.6	-	-	6	55.1	4	23.7	1	0.3	1	100.0	2	24.4
50 001 - 100 000	10	19.9	-	-	1	15.8	5	71.8	2	1.5	-	-	-	-
100 001 - 150 000	6	19.1	-	-	-	-	-	-	-	-	-	-	-	-
150 001 - 200 000	3	14.7	-	-	-	-	-	-	1	1.8	-	-	1	75.0
> 200 000	4	27.8	-	-	-	-	-	-	9	96.0	-	-	-	-
<b>Total</b>	<b>85</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>33</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>

**Table B12.0** -Value of Fixed Assets**2009/2010**

Asset Category	Rand	% of total
Land, Buildings and Housing	2 072 054 992	13.4
Machinery, Equipment and Furniture	12 976 532 723	83.6
Vehicles	232 399 818	1.5
Other	237 813 965	1.5
<b>Total Fixed Assets</b>	<b>15 518 801 498</b>	<b>100.0</b>

**Table B13.0** -Value of Fixed Assets per Sector**2009/2010**

Asset Group	Sawmills	Veneer Plants	Pole Impregnation Plants	Mining Timber Mills	Pulp and/or Board Plants	Match Factories	Charcoal Plants and Other
	Rand	Rand	Rand	Rand	Rand	Rand	Rand
Land, Buildings and Housing	645 760 603	0	57 277 004	5 102 715	1 224 687 114	25 247 000	113 980 556
Machinery, Equipment and Furniture	1 151 200 456	10 150 688	65 435 364	16 398 659	11 316 437 433	62 118 000	354 792 123
Vehicles	146 610 000	2 311 417	28 400 696	5 754 658	30 322 359	5 266 000	13 734 688
Other	14 229 552	0	447 218	37 427	204 683 106	0	18 416 662
<b>Total</b>	<b>1 957 800 611</b>	<b>12 462 105</b>	<b>151 560 282</b>	<b>27 293 459</b>	<b>12 776 130 012</b>	<b>92 631 000</b>	<b>500 924 029</b>

**Table B14.0** Total for South Africa

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	3 309 084	33 102	89 548	-	-	2 554 567	2 554 567	27 582	28 409	-	-	12 963
	Pub	126 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 435 598	33 102	89 548	-	-	2 554 567	2 554 567	27 582	28 409	-	-	12 963
<i>E. grandis</i>	Pvt	416 291	-	302 265	544 338	800 177	2 090 824	3 073 511	-	-	4 610	6 777	12 273
	Pub	-	-	528	-	-	-	-	-	-	-	-	-
	Tot	416 291	-	302 793	544 338	800 177	2 090 824	3 073 511	-	-	4 610	6 777	12 273
Other gum species	Pvt	13 690	-	9 037	-	-	4 407 260	5 509 075	-	-	143 120	178 900	16
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 690	-	9 037	-	-	4 407 260	5 509 075	-	-	143 120	178 900	16
Wattle species	Pvt	-	-	-	-	-	1 263 747	1 438 144	-	-	86 678	98 640	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 263 747	1 438 144	-	-	86 678	98 640	-
Other Hardwood Species	Pvt	60	-	-	-	-	10 529	13 161	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60	-	-	-	-	10 529	13 161	-	-	-	-	-
Total	Pvt	3 739 126	33 102	400 850	544 338	800 177	10 326 927	12 588 459	27 582	28 409	234 408	284 316	25 252
	Pub	126 513	-	528	-	-	-	-	-	-	-	-	-
	Tot	3 865 639	33 102	401 378	544 338	800 177	10 326 927	12 588 459	27 582	28 409	234 408	284 316	25 252



**Table B14.1** Zone 1 Limpopo Province

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	271 322	-	60	-	-	464	464	-	-	-	-	11 063
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	271 322	-	60	-	-	464	464	-	-	-	-	11 063
<i>E. grandis</i>	Pvt	201 414	-	52 023	37 519	55 153	-	-	-	-	-	-	2 585
	Pub	-	-	528	-	-	-	-	-	-	-	-	-
	Tot	201 414	-	52 551	37 519	55 153	-	-	-	-	-	-	2 585
Other gum species	Pvt	12 490	-	5 630	-	-	-	-	-	-	110 630	138 288	16
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	12 490	-	5 630	-	-	-	-	-	-	110 630	138 288	16
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	65 236	74 239	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	65 236	74 239	-
Other Hardwood Species	Pvt	60	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	485 287	-	57 713	37 519	55 153	464	464	-	-	175 866	212 526	13 664
	Pub	-	-	528	-	-	-	-	-	-	-	-	-
	Tot	485 287	-	58 241	37 519	55 153	464	464	-	-	175 866	212 526	13 664

**Table B14.2** Zone 2 Mpumalanga North

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	1 108 058	25 497	-	-	-	1 234 819	1 234 819	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 108 058	25 497	-	-	-	1 234 819	1 234 819	-	-	-	-	-
<i>E. grandis</i>	Pvt	206 797	-	47 250	404 110	594 042	177 941	261 573	-	-	-	-	9 688
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	206 797	-	47 250	404 110	594 042	177 941	261 573	-	-	-	-	9 688
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	1 314 855	25 497	47 250	404 110	594 042	1 412 760	1 496 392	-	-	-	-	9 688
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 314 855	25 497	47 250	404 110	594 042	1 412 760	1 496 392	-	-	-	-	9 688

**Table B14.3** Zone 3 Central Districts

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	591	-	4 800	-	-	27 328	27 328	27 582	28 409	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	591	-	4 800	-	-	27 328	27 328	27 582	28 409	-	-	-
<i>E. grandis</i>	Pvt	-	-	34 094	-	-	6 172	9 073	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	34 094	-	-	6 172	9 073	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	244 985	306 231	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	244 985	306 231	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	591	-	38 894	-	-	278 485	342 632	27 582	28 409	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	591	-	38 894	-	-	278 485	342 632	27 582	28 409	-	-	-

**Table B14.4** Zone 4 Mpumalanga South

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	387 111	-	-	-	-	7 580	7 580	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	387 111	-	-	-	-	7 580	7 580	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	12 493	68 327	100 441	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	12 493	68 327	100 441	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	153 886	192 358	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	153 886	192 358	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	387 111	-	12 493	68 327	100 441	161 466	199 938	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	387 111	-	12 493	68 327	100 441	161 466	199 938	-	-	-	-	-

Table B14.5 Zone 5 Maputaland

Roundwood Processed or Transferred In 2009/2010

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-

**Table B14.6** Zone 6 Zululand

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	3 867	-	-	-	-	389 607	389 607	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 867	-	-	-	-	389 607	389 607	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	10 000	-	-	796 981	1 171 562	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	10 000	-	-	796 981	1 171 562	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	2 504 304	3 130 380	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	2 504 304	3 130 380	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	998 946	1 136 801	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	998 946	1 136 801	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	10 529	13 161	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	10 529	13 161	-	-	-	-	-
Total	Pvt	3 867	-	10 000	-	-	4 700 367	5 841 511	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 867	-	10 000	-	-	4 700 367	5 841 511	-	-	-	-	-

**Table B14.7** Zone 7 KwaZulu-Natal Midlands

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	193 129	2 985	2 500	-	-	543 659	543 659	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	193 129	2 985	2 500	-	-	543 659	543 659	-	-	-	-	-
<i>E. grandis</i>	Pvt	2 400	-	90 745	-	-	154 692	227 397	-	-	4 610	6 777	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	2 400	-	90 745	-	-	154 692	227 397	-	-	4 610	6 777	-
Other gum species	Pvt	1 200	-	-	-	-	182 973	228 716	-	-	21 740	27 175	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 200	-	-	-	-	182 973	228 716	-	-	21 740	27 175	-
Wattle species	Pvt	-	-	-	-	-	1 286	1 463	-	-	9 442	10 745	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 286	1 463	-	-	9 442	10 745	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	196 729	2 985	93 245	-	-	882 610	1 001 236	-	-	35 792	44 697	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	196 729	2 985	93 245	-	-	882 610	1 001 236	-	-	35 792	44 697	-

**Table B14.8** Zone 8 Northern KwaZulu-Natal

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	36 960	-	9 600	-	-	1 404	1 404	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	36 960	-	9 600	-	-	1 404	1 404	-	-	-	-	-
<i>E. grandis</i>	Pvt	600	-	2 370	34 382	50 542	871	1 280	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	600	-	2 370	34 382	50 542	871	1 280	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	10 750	13 438	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	10 750	13 438	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	12 000	13 656	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	12 000	13 656	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	37 560	-	11 970	34 382	50 542	2 275	2 685	-	-	22 750	27 094	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	37 560	-	11 970	34 382	50 542	2 275	2 685	-	-	22 750	27 094	-



**Table B14.9** Zone 9 Southern KwaZulu-Natal

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	355 835	-	-	-	-	349 706	349 706	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	355 835	-	-	-	-	349 706	349 706	-	-	-	-	-
<i>E. grandis</i>	Pvt	5 080	-	50 000	-	-	954 167	1 402 625	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 080	-	50 000	-	-	954 167	1 402 625	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	1 321 112	1 651 390	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 321 112	1 651 390	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	263 515	299 880	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	263 515	299 880	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	360 915	-	50 000	-	-	2 888 500	3 703 602	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	360 915	-	50 000	-	-	2 888 500	3 703 602	-	-	-	-	-

**Table B14.11** Zone 11 Eastern Cape

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	553 345	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	553 345	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	3 290	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	3 290	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	3 407	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	3 407	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	553 345	-	6 697	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	553 345	-	6 697	-	-	-	-	-	-	-	-	-

Table B14.12 Zone 12 Southern Cape

Roundwood Processed or Transferred In 2009/2010

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	260 510	-	59 316	-	-	-	-	-	-	-	-	1 900
	Pub	126 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	387 023	-	59 316	-	-	-	-	-	-	-	-	1 900
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	260 510	-	59 316	-	-	-	-	-	-	-	-	1 900
	Pub	126 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	387 023	-	59 316	-	-	-	-	-	-	-	-	1 900

**Table B14.13** Zone 13 Western Cape

**Roundwood Processed or Transferred In 2009/2010**

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	t	m <sup>3</sup>	m <sup>3</sup>
Softwood	Pvt	138 356	4 620	13 272	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	138 356	4 620	13 272	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	138 356	4 620	13 272	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	138 356	4 620	13 272	-	-	-	-	-	-	-	-	-

**Table B15.0** Value of Roundwood Purchased or Transferred In**2009/2010**

Product	Private Sector	Public Sector	Total Purchase Value
	Rand	Rand	Rand
Sawlogs and Veneerlogs	1 733 243 495	58 591 541	1 791 835 036
Wooden Poles	215 944 213	764 916	216 709 129
Mining Timber	161 585 681	-	161 585 681
Pulpwood	4 580 127 736	-	4 580 127 736
Matchwood	19 672 034	-	19 672 034
Roundwood for Charcoal	24 018 812	-	24 018 812
Total	6 734 591 971	59 356 457	6 793 948 428
Roundwood in transit*	2 549 144	-	2 549 144

**Table B16.0** Value of Sales and/or Transfers-out of Timber and Timber Products**2009/2010**

Product	Value Rand
Sawn and Planed timber	5 090 731 962
Wooden Poles	519 496 284
Mining Timber	339 305 235
Wood-based Panel Products	1 434 393 395
Woodpulp, Paper and Paper Products	11 752 050 599
Firewood	1 167 265
Wood Chips (from roundwood)	1 606 586 363
Mill Residues	78 482 882
Charcoal	211 502 000
Other timber Products	320 542 003
Total	21 354 257 989
Roundwood in Transit*	22 449 301

\*Roundwood not processed by plant

**Table B17.1** Production Volume of Sawn Timber, Poles, Mining timber and Other Timber Products

**2009/2010**

Product	Softwood m <sup>3</sup>	Hardwood m <sup>3</sup>	Total m <sup>3</sup>
Sawn and Planed timber			
For building products	1 192 898	208 198	1 401 096
For furniture products	90 591	31 482	122 073
For other products	323 669	57 338	381 007
Total Sawn and Planed timber	1 607 158	297 018	1 904 176
Wooden Poles			
Transmission poles	831	197 299	198 130
Telephone poles	374	6 797	7 171
Other poles	68 022	133 413	201 435
Total Wooden Poles	69 227	337 509	406 736
	tons	tons	tons
Mining Timber for supports	-	429 302	429 302
Other Products			
Wood chips	203 075	2 558 213	2 761 288
Charcoal	-	50 605	50 605
Mill residues	316 656	99 311	415 967
Firewood	33 967	15 799	49 766
Roundwood in transit*	53 253	10 502	63 755

\*Roundwood not processed by plant, but which was handled and sold

**Table B17.2** Sales Volume of Sawn Timber, Poles, Mining timber and Other Timber Products**2009/2010**

Product	Softwood m <sup>3</sup>	Hardwood m <sup>3</sup>	Total m <sup>3</sup>
Sawn and Planed timber			
For building products	1 161 986	208 948	1 370 934
For furniture products	92 313	30 479	122 792
For other products	329 434	57 338	386 772
Total Sawn and Planed timber	1 583 733	296 765	1 880 498
Wooden Poles			
Transmission poles	831	197 299	198 130
Telephone poles	374	6 797	7 171
Other poles	66 053	129 953	196 006
Total Wooden Poles	67 258	334 049	401 307
	<u>tons</u>	<u>tons</u>	<u>tons</u>
Mining Timber for supports	-	428 096	428 096
Other Products			
Wood chips	203 075	2 576 414	2 779 489
Charcoal	-	50 605	50 605
Mill residues	316 655	99 311	415 966
Firewood	33 967	15 999	49 966
Roundwood in transit*	55 342	10 518	65 860

\*Roundwood not processed by plant, but which was handled and sold



**Table B18.0** Production and Sales of Woodbased Panel Products and Woodpulp**2009/2010**

Woodbased Panel Products		m <sup>3</sup>
Veneer	Own use	9 780
	Sold	6 307
Plywood	Own use	360
	Sold	66 784
Blockboard, Laminboard and Battenboard	Sold	7 650
Particle Board and Chipboard	Sold	392 803
Fibreboard		
Compressed	Sold	56 842
Non-compressed	Sold	-
Woodpulp		tons
Mechanical Pulp	Own use	80 633
	Sold	199 190
Semi-Chemical Pulp	Own use	-
	Sold	397 058
Chemical Pulp	Own use	394 233
	Sold	568 886
Dissolving Pulp	Own use	-
	Sold	677 088