

# **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**

### **2010/2011**

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 2010 to June 2011.

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 eleventh 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 (2009/2010: 1 055) and 164 roundwood timber processing returns (2009/2010: 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 2010 to June 2011.

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  
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# STATISTICS IN BRIEF

## Commercial Timber Resources

(2009/2010 figures are shown in brackets)

- The total commercial timber plantation area in 2010/2011 was 1 273 357 hectares (2009/2010: 1 271 286 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% (56%) of the plantation area is managed mainly for pulpwood production, 36% (36%) for sawlog purposes and 4% (4%) for mining timber with the remaining 4% (4%) for other purposes.
- During the 2010/2011 year 10 337 799 tons (9 753 881 tons) were sold as pulpwood, 4 179 100 m<sup>3</sup> (3 963 897 m<sup>3</sup>) as sawlogs and 573 142 tons (533 508 tons) as mining timber.
- The conversion from one specie to another specie was 13 425 hectares (9 169 ha) whilst the conversion from forestry to other agricultural uses was 554 hectares (438 ha). New afforestation amounted to 1 573 hectares (1 316 ha)

## Primary Roundwood Processing

(2009/2010 figures are shown in brackets)

- 184 (191) plants were in operation, of which 90 (108) were sawmills (including veneer and plywood plants), 33 (47) pole treating plants, 18 (16) pulp and board mills and chipping plants and 13 (16) mining timber mills.
- The total roundwood intake during the year was 18 586 532 m<sup>3</sup> (18 554 651 m<sup>3</sup>).
- The delivered at mill cost of the total roundwood intake was R7.01 billion (R6.79 billion).
- The value of sales of timber products totalled R21.41 billion (R21.35 billion).
- An amount of some R15.19 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 2010/2011 WITH 2009/2010

### 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 2010/2011 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 2010/2011 reported area of 1 273 357 hectares is 2 071 hectares, 0.2%, more than the 1 271 286 hectares reported for 2009/2010.

A comparison, by province, of the 2010/2011 reported plantation area and the area included in this Report is given in the table below.

Province	2011		2010	
	Afforested Area		Afforested Area	
	Hectares	%	Hectares	%
Limpopo Province	48 284	3.8	48 295	3.8
Mpumalanga	518 689	40.7	518 619	40.8
North West Province	304	0.0	304	0.0
Free State	-	0.0	-	0.0
KwaZulu-Natal	503 213	39.5	502 016	39.5
Eastern Cape	141 413	11.1	141 540	11.1
Western Cape	61 454	4.8	60 512	4.8
<b>TOTAL</b>	<b>1 273 357</b>	<b>100.0</b>	<b>1 271 286</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	2011		2010	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	68	3	68	3
Pulpwood	30	83	30	83
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 2010/2011 and 2009/2010 is shown in the table below.

Product	2011	2010
Sawlogs	4 179 100 m <sup>3</sup>	3 963 897 m <sup>3</sup>
Poles	432 626 m <sup>3</sup>	450 285 m <sup>3</sup>
Mining Timber	573 142 tons	533 508 tons
Pulpwood	10 337 799 tons	9 753 881 tons
Charcoal & Firewood	233 069 tons	222 607 tons
Other	102 489 tons	110 081 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 higher sales volumes, of 5.5 %, 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 407 827 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 283 340 tons or 266 340 m<sup>3</sup> of the sawlog volume difference can be offset against the pulpwood difference. This would leave a shortfall of 124 487 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 266 340 cubic metres, the sawn timber production and sales volume are understated. This volume of sawn timber would have a value in the range of 865.6 million and R1.0 billion, which represents approximately 4.5% of the reported industry sales value of R 21.41 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 2011.

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% (1 057 279 ha) is under private sector ownership whilst the other 17% (216 078 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% (163 416 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 333 686 hectares or 51.3% of the total softwood area. The species occurs mainly in Mpumalanga North and South, KwaZulu-Natal and the Eastern Cape. *Pinus elliottii*, comprising 27.4% 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 58 999 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 45.4% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 49.2% 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 2010/2011 survey amounted to 40 178 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 2010/2011, reported conversions from one timber species to another amounted to 13 425 ha whilst conversion from timber to other land uses amounted to 554 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.

42.0% of the newly afforested area comprised areas planted to Eucalyptus trees, 25.1% to softwoods, 31.4% to wattle trees and the balance of 1.4% to other hardwood species. The private sector was responsible for 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****2010/2011**

Region/Zone	2009/2010 ha	2010/2011 ha	% of RSA	Private Ownership	Public Ownership
<b>Northern Regions</b>					
Limpopo Province	48 295	48 284	3.8	25 774	22 509
Mpumalanga North	233 795	233 806	18.4	138 899	94 907
Central Districts	25 473	25 473	2.0	20 353	5 120
Mpumalanga South	259 655	259 714	20.4	233 380	26 334
<b>Total Northern Regions</b>	<b>567 218</b>	<b>567 277</b>	<b>44.5</b>	<b>418 406</b>	<b>148 870</b>
<b>Middle Regions</b>					
Maputaland	17 024	17 024	1.3	-	17 024
Zululand	76 860	77 047	6.1	71 628	5 419
Northern KwaZulu-Natal	90 954	91 059	7.2	88 168	2 891
KwaZulu-Natal Midlands	194 410	195 236	15.3	191 847	3 390
Southern KwaZulu-Natal	122 768	122 847	9.6	121 670	1 177
<b>Total Middle Regions</b>	<b>502 016</b>	<b>503 213</b>	<b>39.5</b>	<b>473 313</b>	<b>29 901</b>
<b>Southern Regions</b>					
Eastern Cape	122 270	122 142	9.6	91 671	30 471
Southern Cape	63 322	64 306	5.1	64 017	289
Western Cape	16 461	16 419	1.3	9 872	6 547
<b>Total Southern Regions</b>	<b>202 052</b>	<b>202 867</b>	<b>15.9</b>	<b>165 560</b>	<b>37 307</b>
<b>Total South Africa</b>	<b>1 271 286</b>	<b>1 273 357</b>	<b>100.0</b>	<b>1 057 279</b>	<b>216 078</b>

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

**2010/2011**

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	3 709	1 012	86	4 807	324	38	362	5 169	0.4
50 to 99	5 171	2 802	125	8 098	2 064	-	2 064	10 162	0.8
100 to 199	18 423	5 749	-	24 172	4 415	201	4 616	28 788	2.3
200 to 499	47 009	21 223	212	68 444	9 525	1 263	10 788	79 232	6.2
500 to 999	42 606	15 352	-	57 958	7 764	503	8 267	66 225	5.2
1 000 to 1 999	26 486	37 997	-	64 483	23 237	-	23 237	87 720	6.9
2 000 to 4 999	10 138	46 823	-	56 961	35 757	2 275	38 032	94 993	7.5
5 000 +	9 874	762 711	-	772 585	128 483	-	128 483	901 068	70.8
<b>Total Area</b>	<b>163 416</b>	<b>893 669</b>	<b>423</b>	<b>1 057 508</b>	<b>211 569</b>	<b>4 280</b>	<b>215 849</b>	<b>1 273 357</b>	<b>100.0</b>

**Table III - Distribution of Timber Species by Zones****2010/2011**

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	27 337	4.2	20 773	4.0	72	0.1	102	2.0
Mpumalanga North	162 199	24.9	71 471	13.8	33	0.0	103	2.0
Central Districts	20 269	3.1	5 106	1.0	99	0.1	-	-
Mpumalanga South	124 726	19.2	116 949	22.6	15 053	15.0	2 985	57.1
<b>Total Northern Regions</b>	<b>334 530</b>	<b>51.4</b>	<b>214 299</b>	<b>41.5</b>	<b>15 257</b>	<b>15.2</b>	<b>3 190</b>	<b>61.1</b>
<b>Middle Regions</b>								
Maputaland	9 602	1.5	7 422	1.4	-	-	-	-
Zululand	5 636	0.9	67 954	13.2	3 138	3.1	319	6.1
Northern KwaZulu-Natal	17 755	2.7	51 790	10.0	21 368	21.2	147	2.8
KwaZulu-Natal Midlands	47 495	7.3	97 357	18.8	49 838	49.5	547	10.5
Southern KwaZulu-Natal	58 471	9.0	55 670	10.8	8 565	8.5	141	2.7
<b>Total Middle Regions</b>	<b>138 958</b>	<b>21.3</b>	<b>280 192</b>	<b>54.2</b>	<b>82 909</b>	<b>82.4</b>	<b>1 154</b>	<b>22.1</b>
<b>Southern Regions</b>								
Eastern Cape	99 100	15.2	20 476	4.0	2 167	2.2	400	7.6
Southern Cape	62 411	9.6	1 182	0.2	271	0.3	442	8.5
Western Cape	15 888	2.4	489	0.1	2	0.0	39	0.8
<b>Total Southern Regions</b>	<b>177 400</b>	<b>27.3</b>	<b>22 147</b>	<b>4.3</b>	<b>2 440</b>	<b>2.4</b>	<b>881</b>	<b>16.9</b>
<b>Total South Africa</b>	<b>650 888</b>	<b>100.0</b>	<b>516 638</b>	<b>100.0</b>	<b>100 606</b>	<b>100.0</b>	<b>5 225</b>	<b>100.0</b>

**Table IV - Age Distribution by Species****2010/2011**

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	64 719	9.9	31 481	6.1	6 264	6.2	263	5.0
0-4 years	104 995	16.1	193 349	37.4	25 908	25.8	1 370	26.2
4-9 years	119 762	18.4	210 100	40.7	44 300	44.0	1 123	21.5
9-14 years	122 721	18.9	56 386	10.9	19 263	19.1	683	13.1
14-19 years	115 858	17.8	15 544	3.0	3 212	3.2	562	10.8
19-24 years	62 689	9.6	4 848	0.9	305	0.3	428	8.2
24-29 years	34 796	5.3	1 968	0.4	47	0.0	151	2.9
29-34 years	15 226	2.3	650	0.1	78	0.1	227	4.4
34 + years	9 505	1.5	1 967	0.4	416	0.4	310	5.9
Jungle	617	0.1	345	0.1	813	0.8	107	2.1
<b>Total Area</b>	<b>650 888</b>	<b>100.0</b>	<b>516 638</b>	<b>100.0</b>	<b>100 606</b>	<b>100.0</b>	<b>5 225</b>	<b>100.0</b>

**Table V - Plantation Area According to Main Purpose for which Trees are Grown****2010/2011**

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	27 302	7 752	-	186	4 970	35	8 039
Mpumalanga North	131 314	6 447	30 884	21 211	40 766	-	3 183
Central Districts	3 518	-	16 746	4 641	462	5	101
Mpumalanga South	64 088	636	58 423	128 309	4 597	2 216	1 446
<b>Total Northern Regions</b>	<b>226 221</b>	<b>14 834</b>	<b>106 053</b>	<b>154 347</b>	<b>50 796</b>	<b>2 256</b>	<b>12 769</b>
<b>Middle Regions</b>							
Maputaland	-	-	9 602	7 422	-	-	-
Zululand	5 240	58	396	70 923	31	-	400
Northern KwaZulu-Natal	8 841	30	8 913	72 005	899	-	370
KwaZulu-Natal Midlands	30 135	718	17 357	142 248	1 008	2	3 767
Southern KwaZulu-Natal	27 652	132	30 819	61 657	2 329	-	258
<b>Total Middle Regions</b>	<b>71 869</b>	<b>937</b>	<b>67 088</b>	<b>354 255</b>	<b>4 267</b>	<b>2</b>	<b>4 796</b>
<b>Southern Regions</b>							
Eastern Cape	75 226	329	20 487	7 167	1 841	3 387	13 706
Southern Cape	52 899	1 830	712	11	-	8 800	53
Western Cape	15 298	43	-	213	-	590	274
<b>Total Southern Regions</b>	<b>143 423</b>	<b>2 203</b>	<b>21 199</b>	<b>7 391</b>	<b>1 841</b>	<b>12 777</b>	<b>14 033</b>
<b>Total South Africa</b>	<b>441 513</b>	<b>17 974</b>	<b>194 340</b>	<b>515 993</b>	<b>56 905</b>	<b>15 035</b>	<b>31 597</b>

**Table VI - Roundwood Sales by Product and Zone****2010/2011**

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	353 442	78 085	49 415	13 202	26 292	20 971
Mpumalanga North	1 454 271	60 250	467 467	924 835	5 369	17 549
Central Districts	8 548	-	-	353 578	2 337	-
Mpumalanga South	592 307	16 621	42 421	1 576 031	14 299	24 067
<b>Total Northern Regions</b>	<b>2 408 568</b>	<b>154 955</b>	<b>559 303</b>	<b>2 867 646</b>	<b>48 297</b>	<b>62 587</b>
<b>Middle Regions</b>						
Maputaland	-	-	-	-	-	-
Zululand	24 165	-	-	1 555 506	411	-
Northern KwaZulu-Natal	42 232	5 588	13 769	543 436	75 053	4 025
KwaZulu-Natal Midlands	252 546	38 606	70	3 144 314	11 078	30 554
Southern KwaZulu-Natal	292 027	34 182	-	1 960 449	4 149	1 350
<b>Total Middle Regions</b>	<b>610 970</b>	<b>78 376</b>	<b>13 839</b>	<b>7 203 704</b>	<b>90 691</b>	<b>35 929</b>
<b>Southern Regions</b>						
Eastern Cape	624 375	132 645	-	266 449	94 054	3 831
Southern Cape	421 621	49 423	-	-	-	142
Western Cape	113 567	17 227	-	-	28	-
<b>Total Southern Regions</b>	<b>1 159 563</b>	<b>199 294</b>	<b>-</b>	<b>266 449</b>	<b>94 082</b>	<b>3 973</b>
<b>Total South Africa</b>	<b>4 179 100</b>	<b>432 626</b>	<b>573 142</b>	<b>10 337 799</b>	<b>233 069</b>	<b>102 489</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 2010/2011 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 R15.19 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 18.587 million cubic metres of which pulpwood comprised 70.5%. 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 R7.01 billion (2009/2010: R6.70 billion), see Table B15.0 (Page 111).

## Sales of Products

### 1. Sales Value

The total value of reported sales of timber based products in 2010/2011 amounted to R 21.41 billion an increase of 5.1% on the value of R20.38 billion reported for the 2009/2010 period. Woodpulp and paper products continue to dominate the industry accounting for R12.86 billion (2009/2010: R10.67 billion) or 60.1% (2009/2010: 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	1 568 004	m <sup>3</sup>
Poles	397 182	m <sup>3</sup>
Mining timber	386 031	tons
Woodchips	2 616 900	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	600 457	tons
Dissolving pulp	734 975	tons
Particle board	392 803	m <sup>3</sup>
Fibreboard	56 842	m <sup>3</sup>

**Table VII - Roundwood Intake by Primary Processors****2010/2011**

	m <sup>3</sup>	t
Sawlogs and Veneerlogs	3 912 760	
Poles	405 999	
Mining Timber		557 238
Pulpwood		10 745 626
Other		296 183

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

Table A1.0 - Total for South Africa

## Area of Softwood Species by Age Class 2010/2011

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	24 616	16 927	791	18 788	1 078	2 519	64 719
0-1	13 800	9 165	1 500	395	-	2 190	27 049
1-2	12 578	7 855	2 423	822	15	2 183	25 875
2-3	11 745	9 733	1 530	610	19	1 571	25 209
3-4	15 467	7 509	1 324	813	19	1 729	26 862
4-5	17 789	7 769	1 345	1 309	-	2 288	30 501
5-6	14 522	7 149	424	934	37	1 619	24 686
6-7	12 783	7 336	411	1 163	-	1 847	23 540
7-8	10 653	5 814	710	601	24	2 701	20 503
8-9	11 402	5 340	980	487	7	2 317	20 533
9-10	13 540	6 676	517	1 533	29	4 451	26 746
10-11	10 995	4 390	479	1 082	20	3 314	20 279
11-12	12 135	6 746	642	1 648	57	3 510	24 736
12-13	14 309	4 987	905	2 304	10	3 140	25 655
13-14	14 483	5 646	279	1 663	25	3 209	25 305
14-15	15 364	5 263	678	3 854	33	1 818	27 011
15-16	12 281	6 361	439	1 638	10	1 843	22 571
16-17	15 202	5 940	346	2 102	35	673	24 297
17-18	11 854	6 506	369	1 568	126	492	20 916
18-19	11 644	6 659	356	1 740	143	521	21 063
19-20	9 148	4 716	284	2 294	234	426	17 102
20-21	6 832	4 337	175	1 201	209	151	12 905
21-22	6 257	4 370	360	936	336	512	12 770
22-23	5 139	3 029	435	1 007	294	108	10 013
23-24	5 616	2 630	313	1 041	198	101	9 899
24-25	5 091	2 693	498	1 492	337	145	10 256
25-26	4 523	2 999	357	444	196	304	8 823
26-27	3 211	1 834	431	513	257	78	6 323
27-28	2 682	1 570	456	301	201	195	5 404
28-29	1 933	987	404	234	295	136	3 989
29-30	1 576	1 030	352	701	997	6	4 663
30-31	930	702	313	374	621	75	3 016
31-32	1 028	1 196	316	446	642	186	3 814
32-33	482	621	154	130	589	7	1 984
33-34	578	314	365	172	319	2	1 750
34+	1 334	1 647	606	2 482	3 143	294	9 505
Jungle	165	20	24	179	115	112	617
<b>Total</b>	<b>333 686</b>	<b>178 465</b>	<b>22 293</b>	<b>58 999</b>	<b>10 670</b>	<b>46 774</b>	<b>650 888</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	595	153	-	-	-	26	774
0-1	186	141	-	-	-	119	446
1-2	421	199	-	-	-	122	742
2-3	305	148	-	-	-	142	595
3-4	402	179	-	1	-	207	789
4-5	256	134	-	-	-	383	773
5-6	331	54	-	-	-	402	787
6-7	441	132	-	-	-	396	969
7-8	325	127	-	-	-	509	960
8-9	527	36	-	-	-	309	872
9-10	402	180	-	-	-	230	812
10-11	572	169	-	-	-	190	930
11-12	648	159	-	3	-	158	968
12-13	802	381	-	20	-	167	1 370
13-14	1 144	167	-	20	-	63	1 393
14-15	919	242	11	-	-	38	1 210
15-16	741	211	-	-	-	43	994
16-17	1 849	334	-	-	-	6	2 190
17-18	608	188	6	-	-	21	823
18-19	441	204	-	4	-	105	755
19-20	604	160	-	-	-	61	826
20-21	315	125	10	-	-	48	498
21-22	541	242	30	-	-	56	869
22-23	407	101	16	6	-	28	558
23-24	422	108	2	-	-	52	585
24-25	412	176	43	-	-	44	675
25-26	267	382	43	-	-	24	716
26-27	426	97	71	-	-	14	607
27-28	139	167	62	-	-	18	387
28-29	118	45	50	-	-	53	267
29-30	91	261	41	-	-	6	399
30-31	82	52	67	-	-	65	266
31-32	81	236	69	-	-	13	400
32-33	89	123	65	-	-	-	277
33-34	10	66	181	-	-	-	257
34+	124	182	169	-	-	58	533
Jungle	50	10	4	-	-	-	64
<b>Total</b>	<b>16 092</b>	<b>6 071</b>	<b>942</b>	<b>54</b>	<b>-</b>	<b>4 177</b>	<b>27 337</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	6 086	3 951	499	92	84	1 277	11 989
0-1	2 493	1 966	755	-	-	1 076	6 290
1-2	3 503	3 002	1 547	-	-	1 047	9 098
2-3	3 435	3 216	721	-	-	613	7 984
3-4	2 876	2 617	413	-	-	546	6 452
4-5	3 429	2 765	812	-	-	688	7 693
5-6	3 323	2 168	296	-	-	567	6 354
6-7	2 823	1 431	354	-	-	767	5 375
7-8	2 706	1 551	302	-	-	1 205	5 763
8-9	2 102	1 230	253	-	-	817	4 401
9-10	2 278	2 624	253	-	-	1 041	6 195
10-11	2 082	1 830	230	-	-	876	5 018
11-12	2 326	2 388	386	-	-	1 275	6 376
12-13	4 411	1 577	480	-	-	771	7 240
13-14	4 248	1 746	117	-	-	665	6 777
14-15	4 318	1 685	268	-	-	575	6 846
15-16	2 880	2 414	191	-	-	300	5 786
16-17	2 829	1 450	82	-	-	163	4 525
17-18	1 754	1 469	32	-	-	38	3 293
18-19	2 429	1 360	77	-	-	70	3 936
19-20	2 265	1 495	93	-	-	42	3 895
20-21	1 766	1 234	86	-	-	24	3 109
21-22	1 970	1 913	186	-	-	77	4 146
22-23	1 703	1 268	399	-	-	49	3 420
23-24	1 638	1 558	220	-	-	31	3 447
24-25	1 476	1 486	329	-	-	56	3 348
25-26	1 311	1 229	225	-	-	165	2 930
26-27	1 166	963	189	-	-	55	2 374
27-28	1 027	865	264	-	-	95	2 251
28-29	600	493	183	-	-	52	1 328
29-30	490	411	213	-	-	0	1 115
30-31	388	310	170	-	-	7	875
31-32	191	248	78	-	-	37	554
32-33	220	249	40	-	-	7	516
33-34	339	92	112	-	-	-	543
34+	460	198	134	-	-	24	816
Jungle	110	10	20	-	-	-	140
<b>Total</b>	<b>79 450</b>	<b>56 463</b>	<b>11 009</b>	<b>92</b>	<b>84</b>	<b>15 101</b>	<b>162 199</b>

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

Age in Years	Area of Softwood Species by Age Class						Total ha
	<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	
Temporary Unplanted	1 325	392	-	-	-	42	1 760
0-1	649	-	-	-	-	120	769
1-2	1 100	-	-	-	-	45	1 144
2-3	468	-	-	-	-	68	535
3-4	767	-	-	-	-	209	976
4-5	918	-	-	-	-	251	1 170
5-6	686	-	-	-	-	98	783
6-7	651	27	-	-	-	56	734
7-8	505	-	-	-	-	102	607
8-9	356	0	-	-	-	93	449
9-10	280	-	-	-	-	98	378
10-11	432	0	-	-	-	51	483
11-12	203	5	-	-	-	207	416
12-13	871	3	-	-	-	46	920
13-14	781	149	-	-	-	177	1 107
14-15	735	115	2	-	-	-	852
15-16	837	411	-	-	-	39	1 287
16-17	964	350	-	-	-	100	1 414
17-18	1 100	699	2	-	-	52	1 852
18-19	536	371	59	-	-	103	1 070
19-20	107	104	-	-	-	14	225
20-21	66	213	-	-	-	-	279
21-22	53	22	-	-	-	56	131
22-23	240	-	-	-	-	-	240
23-24	209	-	-	-	-	0	209
24-25	76	-	-	-	-	15	91
25-26	117	-	-	-	-	-	117
26-27	-	-	-	-	-	-	-
27-28	8	-	-	-	-	-	8
28-29	87	1	-	-	-	-	88
29-30	19	11	-	-	-	0	30
30-31	-	-	-	-	-	-	-
31-32	2	-	-	-	-	-	2
32-33	-	-	-	-	-	-	-
33-34	-	-	-	-	-	-	-
34+	92	26	-	-	-	25	142
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>15 238</b>	<b>2 899</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>2 068</b>	<b>20 269</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	3 929	2 758	61	-	-	951	7 699
0-1	5 478	1 737	118	-	-	626	7 959
1-2	4 065	1 227	400	-	-	595	6 287
2-3	2 545	1 867	418	-	-	493	5 323
3-4	4 163	978	388	-	-	350	5 879
4-5	3 859	1 520	42	-	-	365	5 785
5-6	3 926	1 211	-	-	-	180	5 316
6-7	4 865	1 440	-	-	-	136	6 440
7-8	2 799	610	5	-	-	121	3 536
8-9	3 100	642	13	-	-	215	3 970
9-10	3 518	321	-	-	-	618	4 457
10-11	4 219	702	65	-	-	356	5 342
11-12	4 337	710	14	-	-	282	5 343
12-13	3 859	1 162	10	-	-	143	5 174
13-14	3 065	1 222	10	-	-	86	4 383
14-15	2 707	777	72	-	-	8	3 564
15-16	3 439	1 279	10	-	-	143	4 870
16-17	4 343	1 384	10	-	-	10	5 747
17-18	3 520	1 556	28	-	-	140	5 245
18-19	3 880	1 667	139	-	-	64	5 750
19-20	2 265	1 151	36	-	-	81	3 533
20-21	1 220	506	-	-	-	12	1 738
21-22	1 136	426	13	-	-	-	1 575
22-23	1 089	390	10	-	-	-	1 489
23-24	1 790	175	58	-	-	-	2 023
24-25	784	147	17	-	-	10	958
25-26	1 373	272	53	-	-	1	1 699
26-27	657	61	83	-	-	-	800
27-28	678	223	15	-	-	26	942
28-29	409	222	26	-	-	2	659
29-30	392	69	34	-	-	-	494
30-31	126	31	23	-	-	2	181
31-32	58	16	-	-	-	-	74
32-33	119	28	-	-	-	-	147
33-34	144	11	12	-	-	-	167
34+	77	50	26	-	-	26	179
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>87 931</b>	<b>28 547</b>	<b>2 208</b>	<b>-</b>	<b>-</b>	<b>6 041</b>	<b>124 726</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	-	3 271	-	-	-	-	3 271
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	-	52	-	-	-	-	52
25-26	-	238	-	-	-	45	283
26-27	-	-	-	-	-	-	-
27-28	-	-	-	-	-	-	-
28-29	-	-	-	-	-	-	-
29-30	-	-	-	-	-	-	-
30-31	-	-	-	-	-	-	-
31-32	-	-	-	-	-	-	-
32-33	-	-	-	-	-	-	-
33-34	-	59	-	-	-	-	59
34+	-	232	-	-	-	-	232
Jungle	-	-	-	-	-	-	-
<b>Total</b>	-	<b>8 742</b>	-	-	-	<b>860</b>	<b>9 602</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	552	955	-	-	-	-	1 507
0-1	61	9	4	-	-	2	76
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	33	-	-	-	-	83
9-10	18	73	-	-	-	-	90
10-11	34	18	-	-	-	-	52
11-12	-	169	-	-	-	-	169
12-13	12	104	-	-	-	11	126
13-14	24	11	-	-	-	-	34
14-15	31	118	-	-	-	-	149
15-16	22	98	-	-	-	7	127
16-17	51	76	-	-	-	-	126
17-18	35	110	-	-	-	12	157
18-19	12	245	-	-	-	5	262
19-20	21	204	-	-	-	5	230
20-21	-	468	26	-	-	-	494
21-22	-	372	35	-	-	-	407
22-23	39	299	-	-	-	3	341
23-24	-	117	24	-	-	4	145
24-25	29	259	-	-	-	12	300
25-26	-	19	-	-	-	9	28
26-27	-	6	-	-	-	9	15
27-28	-	-	16	-	-	26	42
28-29	-	10	5	-	-	-	15
29-30	-	3	2	-	-	-	5
30-31	-	29	-	-	-	-	29
31-32	-	3	-	-	-	-	3
32-33	-	5	-	-	-	-	5
33-34	-	4	-	-	-	-	4
34+	26	14	1	-	-	2	43
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>1 147</b>	<b>4 270</b>	<b>113</b>	<b>-</b>	<b>-</b>	<b>106</b>	<b>5 636</b>

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

Age in Years	Area of Softwood Species by Age Class						Total ha
	<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	
Temporary Unplanted	1 886	831	108	-	-	71	2 896
0-1	529	1 390	114	-	-	14	2 047
1-2	427	507	198	-	-	29	1 160
2-3	1 252	368	-	-	-	12	1 632
3-4	2 259	614	137	-	-	19	3 030
4-5	1 426	442	148	-	-	6	2 022
5-6	1 013	621	60	-	-	37	1 731
6-7	947	616	51	-	-	67	1 681
7-8	1 421	491	82	-	-	33	2 027
8-9	1 131	582	49	-	-	54	1 816
9-10	750	785	92	-	-	108	1 736
10-11	712	667	150	-	-	109	1 638
11-12	906	1 151	224	-	-	161	2 442
12-13	901	967	287	-	-	206	2 362
13-14	461	1 075	88	-	-	209	1 834
14-15	766	682	253	-	-	61	1 761
15-16	506	996	156	-	-	85	1 742
16-17	453	633	93	-	-	105	1 284
17-18	560	1 112	160	-	-	51	1 882
18-19	612	1 263	77	-	-	27	1 979
19-20	462	808	103	-	-	7	1 380
20-21	672	896	35	-	-	20	1 622
21-22	505	684	94	-	-	15	1 298
22-23	341	272	-	-	-	1	613
23-24	234	367	9	-	-	1	610
24-25	710	210	67	-	-	5	992
25-26	264	312	12	-	-	60	648
26-27	103	257	27	-	-	-	387
27-28	299	115	35	-	-	3	453
28-29	105	55	8	-	-	-	167
29-30	51	25	-	-	-	-	77
30-31	102	21	27	-	-	-	151
31-32	76	78	19	-	-	-	172
32-33	9	19	1	-	-	-	29
33-34	31	-	2	-	-	-	33
34+	79	68	8	-	-	-	155
Jungle	5	-	-	-	-	-	5
<b>Total</b>	<b>22 964</b>	<b>19 980</b>	<b>2 976</b>	<b>-</b>	<b>-</b>	<b>1 576</b>	<b>47 495</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	602	214	22	-	-	90	928
0-1	347	831	34	-	-	-	1 212
1-2	155	280	8	-	-	130	573
2-3	134	249	11	-	-	16	410
3-4	327	470	23	-	-	12	832
4-5	151	371	-	-	-	120	642
5-6	250	185	-	-	-	6	441
6-7	273	267	-	-	-	-	540
7-8	158	88	-	-	-	111	357
8-9	1 007	422	-	-	-	115	1 544
9-10	84	607	3	-	-	94	789
10-11	90	250	-	-	-	-	340
11-12	277	490	-	-	-	12	780
12-13	120	450	-	-	-	2	572
13-14	276	532	6	-	-	-	815
14-15	166	695	-	-	-	41	903
15-16	44	403	-	-	-	-	447
16-17	248	464	-	-	-	2	714
17-18	291	598	-	-	-	38	926
18-19	231	504	3	-	-	55	792
19-20	309	247	-	-	-	-	556
20-21	156	239	-	-	-	-	395
21-22	140	95	-	-	-	-	234
22-23	33	202	-	-	-	-	235
23-24	109	18	-	-	-	8	135
24-25	104	35	25	-	-	3	167
25-26	232	16	19	-	-	-	267
26-27	136	74	41	-	-	-	251
27-28	64	39	39	-	-	6	147
28-29	99	-	32	-	-	-	131
29-30	23	29	28	-	-	-	80
30-31	25	26	-	-	-	-	51
31-32	346	12	8	-	-	-	366
32-33	7	-	-	-	-	-	7
33-34	0	-	-	-	-	-	0
34+	3	44	29	-	-	15	92
Jungle	-	-	-	-	-	88	88
<b>Total</b>	<b>7 015</b>	<b>9 445</b>	<b>330</b>	<b>-</b>	<b>-</b>	<b>964</b>	<b>17 755</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	2 143	321	38	-	-	38	2 539
0-1	2 252	805	32	-	-	12	3 101
1-2	1 493	974	35	-	-	4	2 507
2-3	2 253	1 019	12	-	-	14	3 298
3-4	2 556	493	133	-	-	94	3 276
4-5	1 967	327	51	-	-	194	2 540
5-6	2 737	663	40	-	-	45	3 485
6-7	1 455	854	6	-	-	39	2 354
7-8	1 769	1 593	65	-	-	165	3 592
8-9	1 194	579	51	-	-	175	1 999
9-10	941	444	82	-	-	290	1 757
10-11	1 424	127	13	-	-	314	1 878
11-12	1 695	201	-	-	-	393	2 289
12-13	2 046	136	7	-	-	488	2 677
13-14	1 527	128	10	-	-	387	2 051
14-15	2 005	309	-	-	-	320	2 634
15-16	1 878	253	-	-	-	349	2 480
16-17	2 205	616	-	-	-	23	2 844
17-18	1 632	89	-	-	-	0	1 721
18-19	1 036	135	-	-	-	-	1 172
19-20	1 087	101	-	-	-	-	1 189
20-21	943	119	18	-	-	3	1 083
21-22	900	-	2	-	-	24	925
22-23	577	134	9	1	-	7	729
23-24	662	41	-	-	-	4	708
24-25	505	86	-	-	-	-	591
25-26	310	209	-	-	-	-	519
26-27	289	171	19	-	-	-	479
27-28	195	52	-	-	-	20	266
28-29	64	54	23	-	-	27	168
29-30	204	162	19	-	-	-	385
30-31	79	43	2	-	-	-	124
31-32	37	61	99	-	-	-	197
32-33	12	30	-	-	-	-	43
33-34	19	-	-	-	-	-	19
34+	25	67	64	607	-	80	843
Jungle	-	-	-	-	-	10	10
<b>Total</b>	<b>42 116</b>	<b>11 397</b>	<b>832</b>	<b>609</b>	<b>-</b>	<b>3 519</b>	<b>58 471</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	7 499	3 905	56	172	19	-	11 651
0-1	1 174	1 523	377	-	-	204	3 279
1-2	1 347	1 346	216	35	-	211	3 155
2-3	1 319	1 446	348	-	-	201	3 314
3-4	2 094	1 565	209	23	-	292	4 183
4-5	1 286	1 459	100	23	-	135	3 003
5-6	2 257	1 914	-	16	-	284	4 472
6-7	1 328	1 662	-	53	-	385	3 429
7-8	971	1 145	257	18	-	455	2 845
8-9	1 936	991	615	129	-	537	4 207
9-10	2 450	1 060	30	200	-	1 973	5 712
10-11	1 432	531	20	314	-	1 379	3 676
11-12	1 685	500	17	458	28	1 021	3 710
12-13	1 237	172	120	410	-	1 261	3 199
13-14	2 957	325	48	235	-	1 610	5 175
14-15	1 946	509	67	309	-	744	3 575
15-16	1 934	296	53	7	-	687	2 978
16-17	2 259	633	161	206	30	246	3 535
17-18	2 355	678	132	96	98	82	3 441
18-19	2 468	909	0	67	134	91	3 670
19-20	1 130	412	34	107	96	-	1 778
20-21	1 695	509	-	40	98	44	2 386
21-22	1 011	456	2	89	128	-	1 687
22-23	709	286	-	85	142	2	1 223
23-24	553	142	0	85	45	-	824
24-25	422	163	16	53	3	-	657
25-26	649	217	6	66	148	-	1 085
26-27	435	118	1	54	54	-	661
27-28	272	101	25	82	-	-	479
28-29	451	71	76	14	57	2	671
29-30	159	60	15	33	676	-	942
30-31	129	149	18	123	386	-	804
31-32	237	543	43	165	477	136	1 601
32-33	26	168	48	4	381	-	628
33-34	36	82	57	35	164	2	375
34+	261	271	148	44	191	50	965
Jungle	0	-	-	25	85	14	125
<b>Total</b>	<b>50 111</b>	<b>26 316</b>	<b>3 316</b>	<b>3 872</b>	<b>3 438</b>	<b>12 047</b>	<b>99 100</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	-	177	7	13 706	975	24	14 888
0-1	631	274	66	187	-	18	1 176
1-2	-	272	4	754	-	-	1 030
2-3	-	656	-	340	-	-	996
3-4	-	98	-	598	19	-	715
4-5	4 492	104	160	1 044	-	146	5 946
5-6	-	126	-	718	-	-	844
6-7	-	52	-	918	-	-	970
7-8	-	9	-	445	-	-	453
8-9	-	1	-	240	-	-	242
9-10	2 819	31	57	1 178	8	-	4 093
10-11	-	96	-	595	-	-	691
11-12	-	972	-	871	-	-	1 843
12-13	-	35	-	1 493	-	-	1 527
13-14	-	291	-	932	12	3	1 237
14-15	1 670	85	6	3 180	8	5	4 954
15-16	-	-	4	1 169	-	-	1 173
16-17	-	-	-	1 386	-	-	1 386
17-18	-	7	9	1 054	14	23	1 107
18-19	-	-	-	1 189	9	-	1 198
19-20	897	-	18	1 646	103	-	2 665
20-21	-	-	-	855	76	-	931
21-22	-	47	-	715	94	-	856
22-23	-	22	-	702	102	1	827
23-24	-	15	-	693	80	-	788
24-25	573	79	-	1 235	271	-	2 158
25-26	-	105	-	279	15	-	398
26-27	-	86	-	238	98	-	422
27-28	-	8	-	155	157	2	322
28-29	-	37	-	124	196	-	356
29-30	147	-	-	522	214	-	883
30-31	-	39	7	157	148	2	352
31-32	-	-	-	121	126	-	247
32-33	-	-	-	41	198	-	239
33-34	-	-	-	70	156	-	225
34+	187	494	26	1 050	2 513	2	4 272
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>11 416</b>	<b>4 216</b>	<b>364</b>	<b>40 601</b>	<b>5 590</b>	<b>224</b>	<b>62 411</b>

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

Age in Years	Area of Softwood Species by Age Class						2010/2011
	<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	-	-	-	4 818	-	-	4 818
0-1	-	-	-	208	-	-	208
1-2	-	4	15	32	15	-	66
2-3	-	7	20	271	19	13	330
3-4	-	28	21	191	-	-	240
4-5	-	66	32	242	-	-	340
5-6	-	1	28	199	37	-	265
6-7	-	5	-	192	-	-	197
7-8	-	-	-	139	24	-	163
8-9	-	-	-	118	7	2	127
9-10	-	-	-	155	21	-	176
10-11	-	-	-	173	20	-	193
11-12	56	-	-	316	29	-	402
12-13	50	-	-	382	10	-	442
13-14	-	-	-	476	13	10	498
14-15	100	-	-	365	25	-	491
15-16	1	-	24	462	10	20	516
16-17	-	-	-	509	5	-	514
17-18	-	-	-	419	14	37	469
18-19	-	-	-	480	-	-	480
19-20	-	6	-	541	36	-	583
20-21	-	-	-	305	36	-	341
21-22	-	-	-	132	113	-	245
22-23	-	-	-	213	51	-	264
23-24	-	-	-	263	73	-	336
24-25	-	-	-	204	63	-	267
25-26	-	-	-	99	33	-	133
26-27	-	-	-	222	105	-	327
27-28	-	-	-	64	44	-	107
28-29	-	-	-	96	42	-	139
29-30	-	-	-	146	106	-	253
30-31	-	2	-	94	87	-	184
31-32	-	-	-	159	39	-	198
32-33	-	-	-	85	10	-	94
33-34	-	-	-	67	-	-	67
34+	-	-	1	781	439	11	1 232
Jungle	-	-	-	154	31	-	185
<b>Total</b>	<b>207</b>	<b>120</b>	<b>140</b>	<b>13 772</b>	<b>1 557</b>	<b>92</b>	<b>15 888</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	22 692	9 019	6 264	13	250	38 238
0-1	21 017	14 210	6 286	175	81	41 770
1-2	25 823	23 371	6 462	119	483	56 259
2-3	29 112	26 503	6 173	153	42	61 983
3-4	32 267	20 844	6 987	60	257	60 415
4-5	32 431	23 024	7 597	51	30	63 135
5-6	31 713	17 431	7 555	93	83	56 875
6-7	27 365	14 681	9 093	106	46	51 290
7-8	22 598	14 035	10 670	52	294	47 649
8-9	14 821	11 971	9 384	182	185	36 544
9-10	10 704	7 783	6 660	22	186	25 355
10-11	8 410	5 255	5 061	49	111	18 887
11-12	4 592	4 451	3 470	27	67	12 606
12-13	3 740	4 757	2 708	45	36	11 286
13-14	4 054	2 639	1 364	7	134	8 199
14-15	2 984	1 721	1 027	66	32	5 830
15-16	3 246	1 030	606	60	2	4 945
16-17	1 535	1 058	620	90	141	3 445
17-18	1 375	1 031	546	57	32	3 041
18-19	1 050	513	412	64	17	2 057
19-20	1 025	382	157	24	129	1 716
20-21	531	405	82	89	24	1 130
21-22	525	233	27	52	22	860
22-23	378	704	37	31	20	1 170
23-24	326	339	3	23	14	705
24-25	202	312	31	-	25	570
25-26	265	481	-	13	33	793
26-27	138	173	9	9	27	354
27-28	149	100	5	2	22	277
28-29	53	96	2	14	7	172
29-30	39	87	53	6	57	242
30-31	68	85	-	13	19	185
31-32	80	33	5	10	20	148
32-33	43	129	10	11	83	275
33-34	60	27	10	-	9	106
34+	719	1 248	416	61	249	2 693
Jungle	120	225	813	33	74	1 266
<b>Total</b>	<b>306 249</b>	<b>210 389</b>	<b>100 606</b>	<b>1 883</b>	<b>3 342</b>	<b>622 469</b>

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

Age in Years	Area of Hardwood Species by Age Class					2010/2011
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 478	418	-	-	-	1 896
0-1	712	152	14	-	-	878
1-2	652	237	4	-	-	893
2-3	1 054	650	12	-	-	1 716
3-4	1 229	431	-	-	-	1 659
4-5	1 272	467	9	-	-	1 748
5-6	827	342	13	-	-	1 182
6-7	978	183	5	-	-	1 166
7-8	705	200	8	-	-	913
8-9	729	164	5	-	-	898
9-10	596	174	-	-	-	770
10-11	631	270	-	-	-	901
11-12	614	335	-	-	-	949
12-13	466	304	-	-	-	770
13-14	494	112	3	-	-	608
14-15	679	12	-	-	-	691
15-16	806	7	-	-	-	813
16-17	626	16	-	-	-	641
17-18	540	11	-	-	-	551
18-19	527	-	-	-	-	527
19-20	347	-	-	-	-	347
20-21	163	1	-	-	2	166
21-22	107	-	-	-	7	115
22-23	22	1	-	-	-	23
23-24	4	4	-	-	-	8
24-25	1	-	-	-	-	1
25-26	-	-	-	-	-	-
26-27	2	6	-	3	-	11
27-28	-	2	-	-	7	9
28-29	-	-	-	-	-	-
29-30	10	-	-	-	9	19
30-31	-	-	-	7	13	20
31-32	-	-	-	-	16	16
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	5	-	-	-	37	42
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>16 276</b>	<b>4 497</b>	<b>72</b>	<b>10</b>	<b>92</b>	<b>20 947</b>

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

Age in Years	Area of Hardwood Species by Age Class					2010/2011
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 654	267	-	-	-	3 922
0-1	3 059	281	19	-	-	3 358
1-2	4 299	1 587	-	-	-	5 886
2-3	5 159	1 645	-	-	-	6 804
3-4	7 175	761	-	-	-	7 936
4-5	6 551	1 007	-	-	-	7 557
5-6	6 909	553	-	-	-	7 462
6-7	5 125	310	-	-	-	5 435
7-8	3 870	260	-	-	-	4 129
8-9	2 581	236	-	-	-	2 817
9-10	2 377	228	-	-	-	2 606
10-11	3 352	63	8	-	-	3 423
11-12	768	57	-	-	-	824
12-13	811	20	-	-	-	831
13-14	1 595	26	-	-	-	1 621
14-15	1 103	-	-	-	-	1 103
15-16	1 904	16	-	-	-	1 919
16-17	390	24	-	-	-	414
17-18	344	23	-	-	6	373
18-19	212	10	-	-	-	222
19-20	421	42	-	-	1	464
20-21	197	63	-	-	14	275
21-22	343	42	-	-	14	398
22-23	240	17	-	-	2	259
23-24	162	8	-	-	11	181
24-25	186	10	-	-	1	197
25-26	239	8	-	-	10	256
26-27	114	1	-	-	3	118
27-28	45	20	-	1	-	66
28-29	52	18	-	-	-	70
29-30	22	1	-	-	30	52
30-31	6	17	-	-	2	24
31-32	68	18	-	-	-	86
32-33	3	15	-	-	-	18
33-34	48	6	-	-	-	53
34+	214	120	6	-	9	349
Jungle	67	32	-	-	-	99
<b>Total</b>	<b>63 665</b>	<b>7 807</b>	<b>33</b>	<b>1</b>	<b>102</b>	<b>71 607</b>

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

Age in Years	Area of Hardwood Species by Age Class					2010/2011
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	203	222	-	-	-	424
0-1	-	8	59	-	-	67
1-2	-	188	-	-	-	188
2-3	-	176	-	-	-	176
3-4	-	199	-	-	-	199
4-5	51	473	-	-	-	524
5-6	-	816	-	-	-	816
6-7	-	547	39	-	-	586
7-8	53	263	-	-	-	316
8-9	32	499	-	-	-	530
9-10	-	311	-	-	-	311
10-11	-	137	-	-	-	137
11-12	-	51	-	-	-	51
12-13	-	63	-	-	-	63
13-14	-	69	-	-	-	69
14-15	89	148	-	-	-	237
15-16	60	25	-	-	-	85
16-17	0	-	-	-	-	0
17-18	-	44	-	-	-	44
18-19	-	-	-	-	-	-
19-20	-	24	-	-	-	24
20-21	-	13	-	-	-	13
21-22	-	21	-	-	-	21
22-23	-	93	-	-	-	93
23-24	-	2	-	-	-	2
24-25	-	105	-	-	-	105
25-26	-	10	-	-	-	10
26-27	1	-	-	-	-	1
27-28	-	-	-	-	-	-
28-29	-	13	-	-	-	13
29-30	-	37	-	-	-	37
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	3	-	-	-	3
33-34	-	-	-	-	-	-
34+	-	-	-	-	-	-
Jungle	-	61	-	-	-	61
<b>Total</b>	<b>488</b>	<b>4 618</b>	<b>99</b>	<b>-</b>	<b>-</b>	<b>5 204</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 366	3 567	757	2	130	7 821
0-1	3 884	4 959	791	175	74	9 882
1-2	3 691	7 330	709	85	329	12 144
2-3	2 975	7 556	750	149	41	11 471
3-4	3 367	7 665	863	47	244	12 187
4-5	2 959	9 420	771	30	27	13 208
5-6	4 054	5 873	926	53	66	10 971
6-7	3 905	6 397	1 252	88	14	11 655
7-8	3 448	5 759	1 383	46	240	10 875
8-9	1 778	5 762	1 815	171	180	9 707
9-10	1 215	3 453	1 196	-	186	6 049
10-11	1 030	2 450	1 109	0	111	4 700
11-12	528	2 313	852	8	52	3 752
12-13	142	2 606	557	30	27	3 362
13-14	78	1 607	425	-	129	2 239
14-15	48	727	228	8	5	1 016
15-16	25	268	44	23	-	360
16-17	53	331	112	20	2	519
17-18	11	421	46	32	-	510
18-19	1	159	15	3	4	182
19-20	-	134	20	-	-	154
20-21	21	168	35	34	-	258
21-22	4	17	5	42	-	68
22-23	9	396	20	13	-	437
23-24	4	218	3	18	-	243
24-25	1	34	-	-	-	34
25-26	-	409	-	9	-	418
26-27	-	17	-	-	-	17
27-28	-	4	-	-	-	4
28-29	-	25	-	-	-	25
29-30	-	27	-	6	-	33
30-31	-	33	-	-	-	33
31-32	-	2	-	-	-	2
32-33	-	1	-	8	-	9
33-34	-	-	-	-	-	-
34+	-	225	-	22	2	249
Jungle	4	20	369	-	-	393
<b>Total</b>	<b>36 600</b>	<b>80 349</b>	<b>15 053</b>	<b>1 122</b>	<b>1 864</b>	<b>134 988</b>

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

Age in Years	Area of Hardwood Species by Age Class					2010/2011
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 559	-	-	-	-	2 559
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	74	41	-	-	-	115
15-16	-	3	-	-	-	3
16-17	-	-	-	-	-	-
17-18	-	-	-	-	-	-
18-19	-	-	-	-	-	-
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>6 102</b>	<b>1 319</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7 422</b>

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

Age in Years	Area of Hardwood Species by Age Class					2010/2011
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 868	273	256	-	94	2 491
0-1	4 839	312	287	-	-	5 437
1-2	6 811	209	249	-	154	7 422
2-3	8 512	246	306	-	-	9 063
3-4	7 782	251	325	-	-	8 357
4-5	8 907	221	211	-	-	9 339
5-6	9 257	190	354	-	-	9 800
6-7	7 877	336	295	-	8	8 516
7-8	4 611	75	195	-	-	4 881
8-9	2 582	201	163	-	5	2 951
9-10	1 542	14	259	-	-	1 814
10-11	275	-	146	-	-	420
11-12	418	5	28	-	-	451
12-13	66	27	61	-	-	154
13-14	35	2	-	-	1	38
14-15	14	17	-	-	-	30
15-16	20	-	-	-	-	20
16-17	20	2	-	-	-	21
17-18	30	-	-	-	0	30
18-19	0	13	-	-	-	13
19-20	2	4	-	-	-	5
20-21	5	-	-	-	-	5
21-22	6	17	-	-	1	24
22-23	27	-	-	-	-	27
23-24	5	-	-	-	-	5
24-25	3	-	-	-	-	3
25-26	-	-	-	-	-	-
26-27	12	-	-	-	-	12
27-28	1	-	-	-	-	1
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	2	-	-	-	-	2
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	5	5
34+	-	17	-	-	-	17
Jungle	-	-	5	-	50	55
<b>Total</b>	<b>65 525</b>	<b>2 428</b>	<b>3 138</b>	<b>-</b>	<b>319</b>	<b>71 411</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 230	1 771	2 291	11	-	7 303
0-1	3 975	3 458	3 361	-	4	10 798
1-2	4 582	5 522	3 429	-	-	13 532
2-3	5 616	7 225	3 239	-	-	16 079
3-4	5 380	5 537	3 496	13	5	14 430
4-5	5 042	5 924	4 478	21	1	15 466
5-6	4 744	4 589	4 085	35	3	13 456
6-7	3 778	2 355	5 016	18	4	11 172
7-8	4 138	3 423	6 371	6	-	13 939
8-9	2 959	1 771	4 917	11	-	9 658
9-10	1 964	1 341	3 173	21	-	6 500
10-11	1 305	668	2 313	16	-	4 301
11-12	958	669	1 422	17	7	3 072
12-13	1 085	513	787	7	-	2 392
13-14	1 002	447	492	4	-	1 945
14-15	365	391	224	53	2	1 036
15-16	169	381	187	26	-	763
16-17	117	173	131	56	3	480
17-18	45	275	181	22	4	526
18-19	67	52	40	55	-	213
19-20	78	16	61	24	2	180
20-21	22	18	25	43	-	108
21-22	2	38	2	10	-	52
22-23	20	32	-	18	-	70
23-24	48	17	-	-	-	64
24-25	2	-	1	-	-	3
25-26	-	3	-	4	-	7
26-27	-	18	9	1	-	28
27-28	-	-	-	1	-	1
28-29	1	-	2	14	-	17
29-30	-	-	-	-	-	-
30-31	-	-	-	4	-	4
31-32	-	-	5	-	-	5
32-33	-	-	10	-	-	10
33-34	-	-	10	-	-	10
34+	9	8	-	2	-	18
Jungle	22	-	81	-	-	103
<b>Total</b>	<b>50 725</b>	<b>46 632</b>	<b>49 838</b>	<b>512</b>	<b>35</b>	<b>147 742</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 317	1 251	2 182	-	12	4 762
0-1	1 992	2 898	1 446	-	3	6 339
1-2	2 986	3 658	1 662	-	-	8 306
2-3	3 176	2 908	1 580	4	1	7 667
3-4	3 052	2 478	1 898	-	8	7 436
4-5	2 764	2 710	1 595	-	-	7 069
5-6	2 940	2 385	1 658	5	14	7 002
6-7	2 493	1 946	1 558	-	-	5 997
7-8	2 560	1 937	1 539	-	54	6 090
8-9	1 634	1 289	1 586	-	-	4 509
9-10	983	648	1 146	-	-	2 777
10-11	479	170	1 290	-	-	1 938
11-12	161	113	722	-	-	996
12-13	98	43	842	-	-	983
13-14	132	15	219	2	-	368
14-15	145	43	126	-	-	314
15-16	72	18	47	-	-	136
16-17	51	67	80	15	-	213
17-18	2	84	36	-	-	122
18-19	3	42	38	7	-	89
19-20	26	-	-	-	-	26
20-21	-	-	-	12	-	12
21-22	-	-	-	-	-	-
22-23	2	-	-	-	-	2
23-24	-	-	-	-	-	-
24-25	1	-	-	-	7	7
25-26	-	-	-	-	-	-
26-27	-	-	-	5	-	5
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>27 089</b>	<b>24 700</b>	<b>21 368</b>	<b>48</b>	<b>99</b>	<b>73 304</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 433	359	543	-	-	3 335
0-1	1 093	384	286	-	-	1 763
1-2	1 525	3 719	377	34	-	5 655
2-3	1 656	4 598	256	-	-	6 510
3-4	2 022	3 409	368	-	-	5 798
4-5	3 248	2 373	447	-	-	6 068
5-6	2 087	2 541	378	-	-	5 006
6-7	2 457	2 185	844	-	-	5 486
7-8	2 440	1 952	996	-	-	5 388
8-9	2 018	1 729	719	-	-	4 466
9-10	1 583	1 380	680	1	-	3 644
10-11	1 069	1 170	186	29	-	2 454
11-12	775	848	165	2	-	1 791
12-13	641	695	376	9	-	1 720
13-14	494	273	210	1	-	978
14-15	146	275	425	5	5	855
15-16	62	158	267	11	2	500
16-17	166	216	294	-	-	676
17-18	173	79	276	2	1	531
18-19	91	72	289	-	0	453
19-20	34	39	58	-	4	136
20-21	88	46	9	-	0	144
21-22	1	3	15	-	-	19
22-23	33	42	17	-	0	92
23-24	90	7	-	6	-	102
24-25	9	33	-	-	-	42
25-26	-	9	-	-	-	9
26-27	-	3	-	-	-	3
27-28	68	4	-	-	-	72
28-29	-	-	-	-	-	-
29-30	-	-	3	-	-	3
30-31	60	-	-	-	-	60
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	4	4
34+	412	71	-	6	7	496
Jungle	7	15	80	-	13	116
<b>Total</b>	<b>26 981</b>	<b>28 688</b>	<b>8 565</b>	<b>105</b>	<b>36</b>	<b>64 376</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 584	875	234	-	6	3 699
0-1	792	1 272	22	-	-	2 086
1-2	792	913	33	-	-	1 737
2-3	676	1 029	32	-	-	1 736
3-4	1 152	111	34	-	-	1 296
4-5	1 541	431	85	-	-	2 057
5-6	854	141	143	-	-	1 138
6-7	751	419	84	-	20	1 274
7-8	632	156	179	-	-	967
8-9	442	321	179	-	-	942
9-10	391	234	206	-	-	831
10-11	135	71	10	4	-	219
11-12	182	58	282	-	5	526
12-13	269	137	85	-	-	491
13-14	192	84	15	-	-	290
14-15	323	67	19	-	-	409
15-16	128	145	61	-	-	334
16-17	112	160	3	-	134	409
17-18	230	64	6	-	10	309
18-19	148	144	30	-	1	323
19-20	116	95	18	-	25	254
20-21	34	90	12	-	-	136
21-22	27	69	6	-	-	102
22-23	24	114	-	-	18	156
23-24	14	17	-	-	-	31
24-25	-	62	6	-	2	70
25-26	26	39	-	-	-	66
26-27	8	111	-	-	-	119
27-28	33	31	5	-	-	69
28-29	-	12	-	-	7	19
29-30	7	13	-	-	-	20
30-31	-	18	-	3	-	20
31-32	12	13	-	10	-	35
32-33	40	93	-	3	83	218
33-34	12	22	-	-	-	34
34+	13	57	221	2	24	316
Jungle	2	97	160	33	12	304
<b>Total</b>	<b>12 697</b>	<b>7 779</b>	<b>2 167</b>	<b>54</b>	<b>345</b>	<b>23 042</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

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	-	300	-	-	9	309
13-14	-	4	-	-	-	4
14-15	-	-	4	-	20	24
15-16	-	10	-	-	-	10
16-17	-	70	-	-	1	72
17-18	-	32	-	-	10	42
18-19	-	7	-	-	12	19
19-20	-	25	-	-	97	122
20-21	-	5	-	-	7	12
21-22	35	11	-	-	-	46
22-23	-	5	-	-	-	5
23-24	-	38	-	-	2	41
24-25	-	68	24	-	15	108
25-26	-	2	-	-	24	26
26-27	0	17	-	-	23	40
27-28	-	34	-	-	15	49
28-29	-	29	-	-	-	29
29-30	-	9	50	-	18	77
30-31	-	8	-	-	4	12
31-32	-	-	-	-	4	4
32-33	-	17	-	-	-	17
33-34	-	-	-	-	-	-
34+	-	419	189	4	164	776
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>35</b>	<b>1 147</b>	<b>271</b>	<b>4</b>	<b>438</b>	<b>1 894</b>

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

**Area of Hardwood Species by Age Class 2010/2011**

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	-	-	-	-	-	-
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	-	-	4	6
14-15	-	-	-	-	-	-
15-16	1	-	-	-	-	1
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	-	-	-	-	-	-
30-31	-	10	-	-	-	10
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 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	441 513	28	11 150	28	-	-	194 349	18	3 885	26	650 897
<i>E. grandis</i>	14 721	11	17 512	9	48 375	9	224 633	9	1 009	9	306 249
Other Eucalyptus	1 996	21	5 208	9	5 399	11	194 987	9	2 799	9	210 389
Wattle	728	10	3 725	10	2 778	11	92 797	10	579	9	100 606
Other Hardwoods	530	32	156	12	353	10	3 576	12	601	18	5 216
<b>Totals</b>	<b>459 487</b>		<b>37 750</b>		<b>56 905</b>		<b>710 342</b>		<b>8 873</b>		<b>1 273 357</b>

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	27 302	29	35	30	-	-	-	-	-	-	27 337
<i>E. grandis</i>	7 710	9	2 855	10	4 874	10	183	9	654	9	16 276
Other Eucalyptus	39	8	2 688	10	97	10	-	-	1 672	8	4 497
Wattle	-	-	-	-	-	-	-	-	72	10	72
Other Hardwoods	2	40	90	9	-	-	3	15	7	30	102
Totals	35 053		5 668		4 970		186		2 406		48 284

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	131 314	27	-	-	-	-	30 884	18	-	-	162 199
<i>E. grandis</i>	6 111	12	2 915	9	37 830	9	16 593	8	215	9	63 665
Other Eucalyptus	276	14	-	-	2 889	9	4 589	8	53	8	7 807
Wattle	-	-	-	-	8	9	25	9	-	-	33
Other Hardwoods	60	11	-	-	39	9	4	9	-	-	103
Totals	137 761		2 915		40 766		52 096		268		233 806

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

**Area according to main purpose for which trees are grown 2010/2011**

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	-	-	-	-	16 746	18	5	8	20 269
<i>E. grandis</i>	-	-	-	-	-	-	488	9	-	-	488
Other Eucalyptus	-	-	-	-	462	30	4 054	10	101	9	4 618
Wattle	-	-	-	-	-	-	99	10	-	-	99
Other Hardwoods	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>3 518</b>		<b>-</b>		<b>462</b>		<b>21 387</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 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	64 088	26	-	-	-	-	58 423	18	2 216	20	124 726
<i>E. grandis</i>	411	19	574	9	2 912	9	32 703	9	-	-	36 600
Other Eucalyptus	218	25	-	-	1 355	9	78 176	9	601	9	80 349
Wattle	-	-	-	-	280	10	14 710	10	64	10	15 053
Other Hardwoods	7	14	-	-	51	10	2 720	11	207	15	2 985
Totals	64 724		574		4 597		186 731		3 087		259 714

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	ha
Softwoods	-	-	-	-	-	-	9 602	18	-	-	9 602
<i>E. grandis</i>	-	-	-	-	-	-	6 102	10	-	-	6 102
Other Eucalyptus	-	-	-	-	-	-	1 319	10	-	-	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 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	5 240	27	-	-	-	-	396	17	-	-	5 636
<i>E. grandis</i>	56	16	136	9	14	9	65 316	9	3	9	65 525
Other Eucalyptus	-	-	-	-	17	9	2 412	9	-	-	2 428
Wattle	-	-	205	10	-	-	2 933	8	-	-	3 138
Other Hardwoods	1	30	-	-	0	9	262	9	56	10	319
Totals	5 297		341		31		71 319		59		77 047

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	30 135	26	-	-	-	-	17 366	18	2	30	47 503
<i>E. grandis</i>	3	9	932	9	429	9	49 361	9	1	9	50 725
Other Eucalyptus	268	9	79	9	147	9	46 064	9	74	9	46 632
Wattle	444	10	2 320	10	411	11	46 597	10	66	10	49 838
Other Hardwoods	3	10	3	10	22	18	227	16	284	22	538
<b>Totals</b>	<b>30 853</b>		<b>3 334</b>		<b>1 008</b>		<b>159 615</b>		<b>427</b>		<b>195 236</b>

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	ha
Softwoods	8 841	29	-	-	-	-	8 913	19	-	-	17 755
<i>E. grandis</i>	11	18	-	-	703	9	26 335	9	41	9	27 089
Other Eucalyptus	-	-	-	-	-	-	24 700	9	-	-	24 700
Wattle	-	-	-	-	196	10	20 842	10	330	9	21 368
Other Hardwoods	19	9	-	-	-	-	128	12	-	-	147
Totals	8 871		-		899		80 918		370		91 059

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	27 652	29	-	-	-	-	30 819	18	-	-	58 471
<i>E. grandis</i>	63	10	243	10	855	8	25 820	9	-	-	26 981
Other Eucalyptus	61	9	15	7	8	10	28 604	8	-	-	28 688
Wattle	8	10	-	-	1 465	12	7 092	10	-	-	8 565
Other Hardwoods	-	-	-	-	1	9	140	17	-	-	141
Totals	27 784		258		2 329		92 476		-		122 847

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	75 226	29	3 387	28	-	-	20 487	19	-	-	99 100
<i>E. grandis</i>	320	8	9 857	8	758	9	1 676	11	85	8	12 697
Other Eucalyptus	-	-	2 425	9	425	9	4 903	9	26	8	7 779
Wattle	9	8	1 200	9	418	10	494	12	45	9	2 167
Other Hardwoods	-	-	63	16	240	9	93	20	4	10	400
Totals	75 555		16 932		1 841		27 654		160		122 142

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	52 899	29	7 138	29	-	-	712	30	1 662	35	62 411
<i>E. grandis</i>	35	9	-	-	-	-	-	-	0	9	35
Other Eucalyptus	1 104	26	-	-	-	-	7	4	35	10	1 147
Wattle	267	10	-	-	-	-	4	4	-	-	271
Other Hardwoods	424	36	-	-	-	-	-	-	18	9	442
Totals	54 729		7 138		-		724		1 715		64 306

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

**Area according to main purpose for which trees are grown 2010/2011**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	15 298	31	589	18	-	-	-	-	1	18	15 888
<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	15 341		589		-		213		275		16 419

Table A4.0 - Total for South Africa

## Timber Products sold from Plantations 2010/2011

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	2 762 862	68 975	-	3 375 278	11 006	19 555
	Pub	1 099 070	4 986	-	159 666	14 442	12 571
Total Softwoods		3 916 832	73 961	-	3 534 944	25 448	32 126
<i>E. grandis</i>	Pvt	198 460	161 633	546 180	2 978 298	5 901	19 106
	Pub	28 519	126 092	6 312	11 918	89 110	4 752
Total <i>E.grandis</i>		226 979	287 726	552 492	2 990 216	95 011	23 858
Other Gum	Pvt	32 529	31 070	9 293	2 881 301	10 245	6 227
	Pub	98	31 186	11 357	39 245	4 170	2
Total Other Gum		32 627	62 256	20 650	2 920 546	14 415	6 229
Wattle	Pvt	-	36	-	848 888	91 925	36 231
	Pub	-	1 920	-	12 908	6 270	-
Total Wattle		-	1 956	-	861 796	98 195	36 231
Other Hardwoods	Pvt	2 662	6 725	-	30 297	-	4 045
	Pub	-	-	-	-	-	-
Total Other Hardwoods		2 662	6 725	-	30 297	-	4 045
Totals	Pvt	3 051 413	268 439	555 473	10 114 062	119 077	85 163
	Pub	1 127 687	164 184	17 669	223 737	113 992	17 325
Total		4 179 100	432 623	573 142	10 337 799	233 069	102 489

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

**Timber Products sold from Plantations 2010/2011**

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	54 974	-	-	-	74	5 115
	Pub	127 647	-	-	13 202	10 596	-
Total Softwoods		182 621	-	-	13 202	10 670	5 115
<i>E. grandis</i>	Pvt	169 621	56 335	48 077	-	4 936	15 856
	Pub	-	8 309	-	-	6 291	-
Total <i>E.grandis</i>		169 621	64 644	48 077	-	11 227	15 856
Other Gum	Pvt	1 200	-	1 338	-	4 395	-
	Pub	-	13 438	-	-	-	-
Total Other Gum		1 200	13 438	1 338	-	4 395	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	225 795	56 335	49 415	-	9 405	20 971
	Pub	127 647	21 747	-	13 202	16 887	-
Total		353 442	78 082	49 415	13 202	26 292	20 971

Table A4.2 - Zone 2 Mpumalanga North

## Timber Products sold from Plantations 2010/2011

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	815 443	1 457	-	453 468	-	-
	Pub	594 030	-	-	112 950	1 671	12 571
Total Softwoods		1 409 473	1 457	-	566 418	1 671	12 571
<i>E. grandis</i>	Pvt	15 953	33 317	460 279	301 480	108	597
	Pub	26 416	25 476	5 348	1 703	3 590	4 308
Total <i>E.grandis</i>		42 369	58 793	465 627	303 182	3 698	4 905
Other Gum	Pvt	2 429	-	1 840	55 235	-	73
	Pub	-	-	-	-	-	-
Total Other Gum		2 429	-	1 840	55 235	-	73
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	833 825	34 774	462 119	810 183	108	670
	Pub	620 446	25 476	5 348	114 652	5 261	16 879
Total		1 454 271	60 250	467 467	924 835	5 369	17 549

Table A4.3 - Zone 3 Central Districts

## Timber Products sold from Plantations 2010/2011

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	-	-	-	303 473	-	-
	Pub	8 548	-	-	4 191	56	-
Total Softwoods		8 548	-	-	307 664	56	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	-	-	-	45 502	-	-
	Pub	-	-	-	-	2 281	-
Total Other Gum		-	-	-	45 502	2 281	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	349 387	-	-
	Pub	8 548	-	-	4 191	2 337	-
Total		8 548	-	-	353 578	2 337	-

Table A4.4 - Zone 4 Mpumalanga South

## Timber Products sold from Plantations 2010/2011

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	363 535	-	-	762 321	-	9 715
	Pub	220 299	-	-	16 643	1 935	-
Total Softwoods		583 834	-	-	778 964	1 935	9 715
<i>E. grandis</i>	Pvt	3 006	9 771	23 985	169 176	24	23
	Pub	-	-	964	10 000	-	-
Total <i>E.grandis</i>		3 006	9 771	24 949	179 176	24	23
Other Gum	Pvt	5 467	725	6 115	503 520	3 430	6 120
	Pub	-	-	11 357	39 245	971	-
Total Other Gum		5 467	725	17 472	542 765	4 401	6 120
Wattle	Pvt	-	-	-	43 844	7 940	4 164
	Pub	-	-	-	12 908	-	-
Total Wattle		-	-	-	56 752	7 940	4 164
Other Hardwoods	Pvt	-	6 125	-	18 375	-	4 045
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	6 125	-	18 375	-	4 045
Totals	Pvt	372 008	16 621	30 100	1 497 235	11 394	24 067
	Pub	220 299	-	12 321	78 796	2 905	-
Total		592 307	16 621	42 421	1 576 031	14 299	24 067

Table A4.5 - Zone 5 Maputaland

## Timber Products sold from Plantations 2010/2011

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 2010/2011

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	15 045	-	-	4 019	-	-
	Pub	9 120	-	-	-	-	-
Total Softwoods		24 165	-	-	4 019	-	-
<i>E. grandis</i>	Pvt	-	-	-	1 034 092	-	-
	Pub	-	-	-	-	12	-
Total <i>E.grandis</i>		-	-	-	1 034 092	12	-
Other Gum	Pvt	-	-	-	497 543	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	497 543	-	-
Wattle	Pvt	-	-	-	19 851	385	-
	Pub	-	-	-	-	14	-
Total Wattle		-	-	-	19 851	399	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	15 045	-	-	1 555 506	385	-
	Pub	9 120	-	-	-	26	-
Total		24 165	-	-	1 555 506	411	-

Table A4.7 - Zone 7 KwaZulu-Natal Midlands

## Timber Products sold from Plantations 2010/2011

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	245 597	416	-	677 171	83	-
	Pub	-	-	-	-	-	-
Total Softwoods		245 597	416	-	677 171	83	-
<i>E. grandis</i>	Pvt	6 667	24 991	70	912 646	62	400
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		6 667	24 991	70	912 646	62	400
Other Gum	Pvt	282	13 163	-	951 262	1 498	-
	Pub	-	-	-	-	-	-
Total Other Gum		282	13 163	-	951 262	1 498	-
Wattle	Pvt	-	36	-	603 234	9 435	30 154
	Pub	-	-	-	-	-	-
Total Wattle		-	36	-	603 234	9 435	30 154
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	252 546	38 606	70	3 144 314	11 078	30 554
	Pub	-	-	-	-	-	-
Total		252 546	38 606	70	3 144 314	11 078	30 554

Table A4.8 - Zone 8 Northern KwaZulu-Natal

## Timber Products sold from Plantations 2010/2011

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	9 613	-	-	70 638	-	-
	Pub	32 619	-	-	12 608	-	-
Total Softwoods		42 232	-	-	83 246	-	-
<i>E. grandis</i>	Pvt	-	2 892	13 769	215 883	384	2 112
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	2 892	13 769	215 883	384	2 112
Other Gum	Pvt	-	2 696	-	124 021	879	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	2 696	-	124 021	879	-
Wattle	Pvt	-	-	-	114 966	73 790	1 913
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	114 966	73 790	1 913
Other Hardwoods	Pvt	-	-	-	5 320	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	5 320	-	-
Totals	Pvt	9 613	5 588	13 769	530 828	75 053	4 025
	Pub	32 619	-	-	12 608	-	-
Total		42 232	5 588	13 769	543 436	75 053	4 025

Table A4.9 - Zone 9 Southern KwaZulu-Natal

Timber Products sold from Plantations 2010/2011

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	275 086	-	-	847 258	3 409	1 232
	Pub	-	-	-	-	-	-
Total Softwoods		275 086	-	-	847 258	3 409	1 232
<i>E. grandis</i>	Pvt	3 213	21 077	-	340 448	365	118
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		3 213	21 077	-	340 448	365	118
Other Gum	Pvt	13 728	12 505	-	704 219	10	-
	Pub	-	-	-	-	-	-
Total Other Gum		13 728	12 505	-	704 219	10	-
Wattle	Pvt	-	-	-	66 581	365	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	66 581	365	-
Other Hardwoods	Pvt	-	600	-	1 944	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	600	-	1 944	-	-
Totals	Pvt	292 027	34 182	-	1 960 449	4 149	1 350
	Pub	-	-	-	-	-	-
Total		292 027	34 182	-	1 960 449	4 149	1 350

Table A4.11 - Zone 11 Eastern Cape

## Timber Products sold from Plantations 2010/2011

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	544 498	4 283	-	256 930	7 440	3 351
	Pub	76 936	1 155	-	73	184	-
Total Softwoods		621 434	5 438	-	257 003	7 624	3 351
<i>E. grandis</i>	Pvt	-	13 250	-	4 573	4	-
	Pub	2 104	92 308	-	215	79 218	444
Total <i>E.grandis</i>		2 104	105 558	-	4 788	79 222	444
Other Gum	Pvt	730	1 981	-	-	33	34
	Pub	98	17 748	-	-	919	2
Total Other Gum		828	19 729	-	-	952	36
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	1 920	-	-	6 256	-
Total Wattle		-	1 920	-	-	6 256	-
Other Hardwoods	Pvt	10	-	-	4 658	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		10	-	-	4 658	-	-
Totals	Pvt	545 238	19 514	-	266 161	7 477	3 385
	Pub	79 137	113 130	-	288	86 577	446
Total		624 375	132 645	-	266 449	94 054	3 831

Table A4.12 - Zone 12 Southern Cape

## Timber Products sold from Plantations 2010/2011

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	410 276	49 423	-	-	-	142
	Pub	-	-	-	-	-	-
Total Softwoods		410 276	49 423	-	-	-	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	2 652	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		2 652	-	-	-	-	-
Totals	Pvt	421 621	49 423	-	-	-	142
	Pub	-	-	-	-	-	-
Total		421 621	49 423	-	-	-	142

Table A4.13 - Zone 13 Western Cape

## Timber Products sold from Plantations 2010/2011

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	83 696	13 396	-	-	-	-
	Pub	29 871	3 831	-	-	-	-
Total Softwoods		113 567	17 227	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	18	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	-	-	-	18	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	-	-	-
Wattle	Pvt	-	-	-	-	10	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	10	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	83 696	13 396	-	-	28	-
	Pub	29 871	3 831	-	-	-	-
Total		113 567	17 227	-	-	28	-

**Table A5.0 - Total for South Africa****Damage by fire and other causes****2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	1 424	7 855	981	392	61	758	10 046
Hardwood	2 533	7 493	20 766	706	507	660	30 132
<b>Total</b>	<b>3 957</b>	<b>15 347</b>	<b>21 748</b>	<b>1 098</b>	<b>567</b>	<b>1 417</b>	<b>40 178</b>

## Causes of fires:

	Area ha	%
Natural	779	5
Accidental	5 208	34
Arson	2 924	19
Unknown	6 437	42
	<u>15 347</u>	<u>100</u>

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

**Damage by fire and other causes**

**2010/2011**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	26	25	8	-	-	5	38
Hardwood	18	114	4	-	-	1	119
<b>Total</b>	<b>44</b>	<b>138</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>156</b>

Causes of fires:

	Area	
	ha	%
Natural	21	15
Accidental	9	7
Arson	59	43
Unknown	49	35
	<b>138</b>	<b>100</b>

**Table A5.2 - Zone 2 Mpumalanga North****Damage by fire and other causes****2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	118	267	106	-	12	107	492
Hardwood	30	516	25	-	-	-	541
<b>Total</b>	<b>148</b>	<b>783</b>	<b>131</b>	<b>-</b>	<b>12</b>	<b>107</b>	<b>1 034</b>

## Causes of fires:

	Area ha	%
Natural	46	6
Accidental	122	16
Arson	18	2
Unknown	598	76
	<u>783</u>	<u>100</u>

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

**Damage by fire and other causes**

**2010/2011**

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

Causes of fires:

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

**Table A5.4 - Zone 4 Mpumalanga South****Damage by fire and other causes****2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	691	923	155	94	-	346	1 519
Hardwood	1 371	1 538	2 148	50	62	235	4 033
<b>Total</b>	<b>2 062</b>	<b>2 462</b>	<b>2 303</b>	<b>144</b>	<b>62</b>	<b>581</b>	<b>5 551</b>

## Causes of fires:

	Area ha	%
Natural	43	2
Accidental	115	5
Arson	1 433	58
Unknown	872	35
	<u>2 462</u>	<u>100</u>

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

**Damage by fire and other causes**

**2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	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**

**2010/2011**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	17	146	-	-	-	-	146
Hardwood	111	807	15	18	-	21	861
<b>Total</b>	<b>128</b>	<b>953</b>	<b>15</b>	<b>18</b>	<b>-</b>	<b>21</b>	<b>1 006</b>

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	829	87
Arson	69	7
Unknown	55	6
	<u>953</u>	<u>100</u>

**Table A5.7 - Zone 7 KwaZulu-Natal Midlands****Damage by fire and other causes****2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	120	286	401	3	1	63	753
Hardwood	314	2 668	4 258	508	96	278	7 808
<b>Total</b>	<b>434</b>	<b>2 953</b>	<b>4 659</b>	<b>512</b>	<b>97</b>	<b>340</b>	<b>8 561</b>

## Causes of fires:

	Area ha	%
Natural	21	1
Accidental	308	10
Arson	503	17
Unknown	2 122	72
	<u>2 953</u>	<u>100</u>

**Table A5.8 - Zone 8 Northern KwaZulu-Natal****Damage by fire and other causes****2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	70	197	8	-	-	62	266
Hardwood	625	1 160	361	125	62	115	1 823
<b>Total</b>	<b>695</b>	<b>1 357</b>	<b>368</b>	<b>125</b>	<b>62</b>	<b>177</b>	<b>2 089</b>

## Causes of fires:

	Area ha	%
Natural	19	1
Accidental	404	30
Arson	311	23
Unknown	623	46
	<u>1 357</u>	<u>100</u>

**Table A5.9 - Zone 9 Southern KwaZulu-Natal****Damage by fire and other causes****2010/2011**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	144	1 173	294	259	32	43	1 802
Hardwood	54	253	13 956	5	287	10	14 511
<b>Total</b>	<b>198</b>	<b>1 426</b>	<b>14 250</b>	<b>264</b>	<b>319</b>	<b>53</b>	<b>16 313</b>

## Causes of fires:

	Area	%
	ha	
Natural	-	0
Accidental	1 180	83
Arson	204	14
Unknown	42	3
	<u>1 426</u>	<u>100</u>

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

**Damage by fire and other causes**

**2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	83	1 685	-	-	-	110	1 795
Hardwood	10	436	-	-	-	-	436
<b>Total</b>	<b>93</b>	<b>2 121</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>110</b>	<b>2 231</b>

Causes of fires:

	Area ha	%
Natural	4	0
Accidental	1 329	63
Arson	324	15
Unknown	465	22
	<u>2 121</u>	<u>100</u>

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

**Damage by fire and other causes**

**2010/2011**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	71	602	10	-	15	22	649
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>71</b>	<b>602</b>	<b>10</b>	<b>-</b>	<b>15</b>	<b>22</b>	<b>649</b>

Causes of fires:

	Area ha	%
Natural	25	4
Accidental	574	95
Arson	4	1
Unknown	-	0
	<b>602</b>	<b>100</b>

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

**Damage by fire and other causes**

**2010/2011**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	83	2 550	-	35	0	-	2 585
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>83</b>	<b>2 550</b>	<b>-</b>	<b>35</b>	<b>0</b>	<b>-</b>	<b>2 585</b>

Causes of fires:

	Area	
	ha	%
Natural	602	24
Accidental	337	13
Arson	-	0
Unknown	1 612	63
	<u>2 550</u>	<u>100</u>

Table A6.0 - Total for South Africa

Conversion of existing plantation areas 2010/2011

<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	7 001	90	12	316	7 419
	Pub	63	-	-	-	63
Total Softwood		7 065	90	12	316	7 482
Eucalyptus Species	Pvt	1 527	374	4	110	2 015
	Pub	-	69	-	-	69
Total Eucalyptus		1 527	444	4	110	2 085
Wattle	Pvt	545	3 670	4	110	4 328
	Pub	-	12	-	-	12
Total Wattle		545	3 682	4	110	4 340
Other Hardwood Species	Pvt	9	45	-	18	72
	Pub	-	-	-	-	-
Total Other Hardwood		9	45	-	18	72
	Pvt	2 081	10 716	464	554	13 834
	Pub	-	75	69	-	145
Total Conversion		2 081	10 791	533	554	13 979

Table A6.1 - Zone 1 Limpopo Province

Conversion of existing plantation areas 2010/2011

<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	61	-	-	-	61
	Pub	-	-	-	-	-
Total Softwood		61	-	-	-	61
Eucalyptus Species	Pvt	20	-	-	4	24
	Pub	-	-	-	-	-
Total Eucalyptus		20	-	-	4	24
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	20	61	-	4	85
	Pub	-	-	-	-	-
Total Conversion		20	61	-	4	85

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

**Conversion of existing plantation areas 2010/2011**

<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	1 378	-	-	-	1 378
	Pub	62	-	-	-	62
Total Softwood		1 440	-	-	-	1 440
Eucalyptus Species	Pvt	525	19	-	81	625
	Pub	-	-	-	-	-
Total Eucalyptus		525	19	-	81	625
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	525	1 378	19	81	2 002
	Pub	-	62	-	-	62
Total Conversion		525	1 440	19	81	2 064

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

**Conversion of existing plantation areas 2010/2011**

<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	107	-	-	-
	Pub	-	-	-	-	-
Total Softwood		107	-	-	-	107
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	59	-	-	59
Total Eucalyptus		-	59	-	-	59
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	107	-	-	107
	Pub	-	-	59	-	59
Total Conversion		-	107	59	-	166

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

**Conversion of existing plantation areas 2010/2011**

<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	1 525	53	9	-	1 586
	Pub	-	-	-	-	-
Total Softwood		1 525	53	9	-	1 586
Eucalyptus Species	Pvt	667	66	-	-	733
	Pub	-	-	-	-	-
Total Eucalyptus		667	66	-	-	733
Wattle	Pvt	-	668	-	11	680
	Pub	-	-	-	-	-
Total Wattle		-	668	-	11	680
Other Hardwood Species	Pvt	9	-	-	-	9
	Pub	-	-	-	-	-
Total Other Hardwood		9	-	-	-	9
	Pvt	676	2 193	119	9	3 008
	Pub	-	-	-	-	-
Total Conversion		676	2 193	119	9	3 008

**Table A6.5 - Zone 5 Maputaland**

**Conversion of existing plantation areas 2010/2011**

<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 A6.6 - Zone 6 Zululand

Conversion of existing plantation areas 2010/2011

<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	62	-	-	-	62
	Pub	-	-	-	-	-
Total Softwood		62	-	-	-	62
Eucalyptus Species	Pvt	5	-	-	-	5
	Pub	-	-	-	-	-
Total Eucalyptus		5	-	-	-	5
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	5	62	-	-	67
	Pub	-	-	-	-	-
Total Conversion		5	62	-	-	67

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

**Conversion of existing plantation areas 2010/2011**

<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	2 607	32	-	-
	Pub	-	-	-	-	-
Total Softwood		2 607	32	-	-	2 638
Eucalyptus Species	Pvt	289	132	4	19	443
	Pub	-	-	-	-	-
Total Eucalyptus		289	132	4	19	443
Wattle	Pvt	544	2 015	4	64	2 626
	Pub	-	-	-	-	-
Total Wattle		544	2 015	4	64	2 626
Other Hardwood Species	Pvt	-	45	-	18	63
	Pub	-	-	-	-	-
Total Other Hardwood		-	45	-	18	63
	Pvt	833	4 666	163	8	5 770
	Pub	-	-	-	-	-
Total Conversion		833	4 666	163	8	5 770

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

**Conversion of existing plantation areas 2010/2011**

<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	170	0	0	-	171
	Pub	-	-	-	-	-
Total Softwood		170	0	0	-	171
Eucalyptus Species	Pvt	4	87	-	-	91
	Pub	-	-	-	-	-
Total Eucalyptus		4	87	-	-	91
Wattle	Pvt	1	279	-	30	310
	Pub	-	-	-	-	-
Total Wattle		1	279	-	30	310
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	5	449	87	30	571
	Pub	-	-	-	-	-
Total Conversion		5	449	87	30	571

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

**Conversion of existing plantation areas 2010/2011**

<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	1 092	5	3	-	1 100
	Pub	-	-	-	-	-
Total Softwood		1 092	5	3	-	1 100
Eucalyptus Species	Pvt	10	71	-	7	88
	Pub	-	-	-	-	-
Total Eucalyptus		10	71	-	7	88
Wattle	Pvt	-	708	-	5	713
	Pub	-	-	-	-	-
Total Wattle		-	708	-	5	713
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	10	1 800	76	12	1 901
	Pub	-	-	-	-	-
Total Conversion		10	1 800	76	12	1 901

Table A6.11 - Zone 11 Eastern Cape

Conversion of existing plantation areas 2010/2011

<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	-	-	-	316	316
	Pub	1	-	-	-	1
Total Softwood		1	-	-	316	317
Eucalyptus Species	Pvt	7	-	-	-	7
	Pub	-	10	-	-	10
Total Eucalyptus		7	10	-	-	17
Wattle	Pvt	-	-	-	-	-
	Pub	-	12	-	-	12
Total Wattle		-	12	-	-	12
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	7	1	-	-	323
	Pub	-	13	10	316	23
Total Conversion		7	13	10	316	346

Table A6.12 - Zone 12 Southern Cape

Conversion of existing plantation areas 2010/2011

<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		-	-	-	-	-
	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Conversion		-	-	-	-	-

Table A6.13 - Zone 13 Western Cape

Conversion of existing plantation areas 2010/2011

<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**

**2010/2011**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	331	12	-	6	348	22
	Pub	4	-	-	-	4	0
Total Sawlogs		335	12	-	6	353	22
Poles	Pvt	-	133	4	3	140	9
	Pub	-	-	-	-	-	-
Total Poles		-	133	4	3	140	9
Mining timber	Pvt	-	21	-	-	21	1
	Pub	-	-	-	-	-	-
Total Mining Timber		-	21	-	-	21	1
Pulpwood	Pvt	61	496	486	14	1 056	67
	Pub	-	-	-	-	-	-
Total Pulpwood		61	496	486	14	1 056	67
Other Purposes	Pvt	-	-	4	-	4	0
	Pub	-	-	-	-	-	-
Total Other		-	-	4	-	4	0
	Pvt	391	661	494	23	1 569	100
	Pub	4	-	-	-	4	0
Total All		395	661	494	23	1 573	100

Table A7.1 - Zone 1 Limpopo Province

## New afforestation according to species and purpose

2010/2011

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	4	12	-	-	16	100
	Pub	-	-	-	-	-	-
Total Sawlogs		4	12	-	-	16	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	4	12	-	-	16	100
	Pub	-	-	-	-	-	-
Total All		4	12	-	-	16	100

**Table A7.2 - Zone 2 Mpumulanga North**

**New afforestation according to species and purpose**

**2010/2011**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	10	-	-	-	10	32
	Pub	4	-	-	-	4	14
Total Sawlogs		14	-	-	-	14	46
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	17	-	-	17	54
	Pub	-	-	-	-	-	-
Total Mining Timber		-	17	-	-	17	54
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	10	17	-	-	27	86
	Pub	4	-	-	-	4	14
Total All		14	17	-	-	31	100

Table A7.3 - Zone 3 Central Districts

## New afforestation according to species and purpose

2010/2011

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		-	-	-	-	-	-
	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total All		-	-	-	-	-	-

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

**New afforestation according to species and purpose**

**2010/2011**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	56	-	-	-	56	14
	Pub	-	-	-	-	-	-
Total Sawlogs		56	-	-	-	56	14
Poles	Pvt	-	49	-	-	49	12
	Pub	-	-	-	-	-	-
Total Poles		-	49	-	-	49	12
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	29	69	196	5	299	73
	Pub	-	-	-	-	-	-
Total Pulpwood		29	69	196	5	299	73
Other Purposes	Pvt	-	-	4	-	4	1
	Pub	-	-	-	-	-	-
Total Other		-	-	4	-	4	1
	Pvt	85	119	200	5	408	100
	Pub	-	-	-	-	-	-
Total All		85	119	200	5	408	100

Table A7.5 - Zone 5 Maputaland

## New afforestation according to species and purpose

2010/2011

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

2010/2011

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	-	176	2	9	186	100
	Pub	-	-	-	-	-	-
Total Pulpwood		-	176	2	9	186	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	176	2	9	186	100
	Pub	-	-	-	-	-	-
Total All		-	176	2	9	186	100

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

**New afforestation according to species and purpose**

**2010/2011**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	176	-	-	-	176	40
	Pub	-	-	-	-	-	-
Total Sawlogs		176	-	-	-	176	40
Poles	Pvt	-	47	4	-	51	11
	Pub	-	-	-	-	-	-
Total Poles		-	47	4	-	51	11
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	25	108	85	-	218	49
	Pub	-	-	-	-	-	-
Total Pulpwood		25	108	85	-	218	49
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	201	155	89	-	445	100
	Pub	-	-	-	-	-	-
Total All		201	155	89	-	445	100

Table A7.8 - Zone 8 Northern KwaZulu-Natal

## New afforestation according to species and purpose

2010/2011

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	44	-	-	6	49	19
	Pub	-	-	-	-	-	-
Total Sawlogs		44	-	-	6	49	19
Poles	Pvt	-	2	-	3	5	2
	Pub	-	-	-	-	-	-
Total Poles		-	2	-	3	5	2
Mining timber	Pvt	-	5	-	-	5	2
	Pub	-	-	-	-	-	-
Total Mining Timber		-	5	-	-	5	2
Pulpwood	Pvt	7	24	169	-	200	77
	Pub	-	-	-	-	-	-
Total Pulpwood		7	24	169	-	200	77
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	50	31	169	9	259	100
	Pub	-	-	-	-	-	-
Total All		50	31	169	9	259	100

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

**New afforestation according to species and purpose**

**2010/2011**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	37	-	-	-	37	17
	Pub	-	-	-	-	-	-
Total Sawlogs		37	-	-	-	37	17
Poles	Pvt	-	34	-	-	34	15
	Pub	-	-	-	-	-	-
Total Poles		-	34	-	-	34	15
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	118	35	-	153	68
	Pub	-	-	-	-	-	-
Total Pulpwood		-	118	35	-	153	68
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	37	153	35	-	224	100
	Pub	-	-	-	-	-	-
Total All		37	153	35	-	224	100

Table A7.11 - Zone 11 Eastern Cape

## New afforestation according to species and purpose

2010/2011

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 A7.12 - Zone 12 Southern Cape**

**New afforestation according to species and purpose**

**2010/2011**

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 A7.13 - Zone 13 Western Cape**

**New afforestation according to species and purpose**

**2010/2011**

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	4	-	-	-	4	100
	Pub	-	-	-	-	-	-
Total Sawlogs		4	-	-	-	4	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	4	-	-	-	4	100
	Pub	-	-	-	-	-	-
Total All		4	-	-	-	4	100

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

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

**2010/2011**

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
<b>Total</b>	<b>184</b>	<b>147</b>	<b>34</b>	<b>3</b>

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

**2010/2011**

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	19.4	16	8.1	3	1.8	2	0.0	-	-	1	0.7
5001 - 10 000	13	2.6	-	-	6	10.9	1	1.5	2	0.1	-	-	-	-
10 001 - 20 000	16	6.0	2	80.6	4	10.9	-	-	1	0.1	-	-	-	-
20 001 - 50 000	9	8.3	-	-	6	54.5	4	24.0	1	0.3	1	100.0	2	23.3
50 001 - 100 000	8	14.7	-	-	1	15.6	4	50.3	2	1.5	-	-	-	-
100 001 - 150 000	9	28.0	-	-	-	-	1	22.4	-	-	-	-	-	-
150 001 - 200 000	3	14.0	-	-	-	-	-	-	1	1.7	-	-	1	76.0
> 200 000	4	25.0	-	-	-	-	-	-	9	96.3	-	-	-	-
<b>Total</b>	<b>86</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>18</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****2010/2011**

Asset Category	Rand	% of total
Land, Buildings and Housing	2 081 364 559	13.7
Machinery, Equipment and Furniture	12 586 653 817	82.9
Vehicles	235 394 241	1.6
Other	282 915 947	1.9
Total Fixed Assets	15 186 328 564	100.1

**Table B13.0** -Value of Fixed Assets per Sector**2010/2011**

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	689 242 160	0	57 277 004	5 798 621	1 191 436 977	25 247 000	112 362 797
Machinery, Equipment and Furniture	1 072 304 821	10 150 688	65 435 364	20 129 465	11 002 873 933	62 118 000	353 641 546
Vehicles	150 447 766	2 311 417	28 380 696	6 948 113	28 305 561	5 266 000	13 734 688
Other	14 186 206	0	447 218	170 965	249 694 896	0	18 416 662
<b>Total</b>	<b>1 926 180 953</b>	<b>12 462 105</b>	<b>151 540 282</b>	<b>33 047 164</b>	<b>12 472 311 367</b>	<b>92 631 000</b>	<b>498 155 693</b>

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

**Roundwood Processed or Transferred In 2010/2011**

		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	3 427 886	39 227	93 183	-	-	2 685 092	2 685 092	30 136	31 040	-	-	-
	Pub	170 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 598 400	39 227	93 183	-	-	2 685 092	2 685 092	30 136	31 040	-	-	-
<i>E. grandis</i>	Pvt	261 383	-	302 382	557 238	819 140	2 167 372	3 186 037	-	-	4 680	6 880	13 140
	Pub	-	-	397	-	-	-	-	-	-	-	-	-
	Tot	261 383	-	302 779	557 238	819 140	2 167 372	3 186 037	-	-	4 680	6 880	13 140
Other gum species	Pvt	13 690	-	10 037	-	-	4 636 765	5 795 956	-	-	151 820	189 775	16
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 690	-	10 037	-	-	4 636 765	5 795 956	-	-	151 820	189 775	16
Wattle species	Pvt	-	-	-	-	-	1 245 468	1 417 343	-	-	96 391	109 693	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 245 468	1 417 343	-	-	96 391	109 693	-
Other Hardwood Species	Pvt	60	-	-	-	-	10 929	13 661	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60	-	-	-	-	10 929	13 661	-	-	-	-	-
Total	Pvt	3 703 020	39 227	405 602	557 238	819 140	10 745 626	13 098 089	30 136	31 040	252 891	306 348	13 156
	Pub	170 513	-	397	-	-	-	-	-	-	-	-	-
	Tot	3 873 533	39 227	405 999	557 238	819 140	10 745 626	13 098 089	30 136	31 040	252 891	306 348	13 156

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

**Roundwood Processed or Transferred In 2010/2011**

		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	290 408	-	60	-	-	464	464	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	290 408	-	60	-	-	464	464	-	-	-	-	-
<i>E. grandis</i>	Pvt	192 743	-	52 039	37 250	54 758	-	-	-	-	-	-	2 585
	Pub	-	-	397	-	-	-	-	-	-	-	-	-
	Tot	192 743	-	52 436	37 250	54 758	-	-	-	-	-	-	2 585
Other gum species	Pvt	12 490	-	6 630	-	-	-	-	-	-	120 873	151 091	16
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	12 490	-	6 630	-	-	-	-	-	-	120 873	151 091	16
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	71 277	81 113	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	71 277	81 113	-
Other Hardwood Species	Pvt	60	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	495 702	-	58 729	37 250	54 758	464	464	-	-	192 150	232 204	2 601
	Pub	-	-	397	-	-	-	-	-	-	-	-	-
	Tot	495 702	-	59 126	37 250	54 758	464	464	-	-	192 150	232 204	2 601

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

**Roundwood Processed or Transferred In 2010/2011**

		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	1 042 420	31 622	-	-	-	1 233 819	1 233 819	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 042 420	31 622	-	-	-	1 233 819	1 233 819	-	-	-	-	-
<i>E. grandis</i>	Pvt	60 560	-	47 250	421 805	620 053	177 941	261 573	-	-	-	-	10 555
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60 560	-	47 250	421 805	620 053	177 941	261 573	-	-	-	-	10 555
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	1 102 980	31 622	47 250	421 805	620 053	1 411 760	1 495 392	-	-	-	-	10 555
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 102 980	31 622	47 250	421 805	620 053	1 411 760	1 495 392	-	-	-	-	10 555



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

**Roundwood Processed or Transferred In 2010/2011**

		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	-	-	32 917	32 917	30 136	31 040	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	591	-	4 800	-	-	32 917	32 917	30 136	31 040	-	-	-
<i>E. grandis</i>	Pvt	-	-	34 154	-	-	6 172	9 073	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	34 154	-	-	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	-	38 954	-	-	284 074	348 221	30 136	31 040	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	591	-	38 954	-	-	284 074	348 221	30 136	31 040	-	-	-

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

**Roundwood Processed or Transferred In 2010/2011**

		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	405 728	-	-	-	-	7 480	7 480	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	405 728	-	-	-	-	7 480	7 480	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	12 504	63 801	93 787	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	12 504	63 801	93 787	-	-	-	-	-	-	-
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	405 728	-	12 504	63 801	93 787	161 366	199 838	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	405 728	-	12 504	63 801	93 787	161 366	199 838	-	-	-	-	-

**Table B14.5** Zone 5 Maputaland

**Roundwood Processed or Transferred In 2010/2011**

		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 2010/2011

		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	-	-	-	-	402 827	402 827	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 867	-	-	-	-	402 827	402 827	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	10 000	-	-	813 981	1 196 552	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	10 000	-	-	813 981	1 196 552	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	2 550 447	3 188 059	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	2 550 447	3 188 059	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	1 024 012	1 165 326	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 024 012	1 165 326	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	10 929	13 661	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	10 929	13 661	-	-	-	-	-
Total	Pvt	3 867	-	10 000	-	-	4 802 196	5 966 425	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 867	-	10 000	-	-	4 802 196	5 966 425	-	-	-	-	-

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

**Roundwood Processed or Transferred In 2010/2011**

		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	227 171	2 985	2 500	-	-	656 475	656 475	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	227 171	2 985	2 500	-	-	656 475	656 475	-	-	-	-	-
<i>E. grandis</i>	Pvt	2 400	-	90 745	-	-	182 623	268 456	-	-	4 680	6 880	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	2 400	-	90 745	-	-	182 623	268 456	-	-	4 680	6 880	-
Other gum species	Pvt	1 200	-	-	-	-	182 973	228 716	-	-	20 747	25 934	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 200	-	-	-	-	182 973	228 716	-	-	20 747	25 934	-
Wattle species	Pvt	-	-	-	-	-	1 286	1 463	-	-	9 614	10 941	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 286	1 463	-	-	9 614	10 941	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	230 771	2 985	93 245	-	-	1 023 357	1 155 111	-	-	35 041	43 755	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	230 771	2 985	93 245	-	-	1 023 357	1 155 111	-	-	35 041	43 755	-

Table B14.8 Zone 8 Northern KwaZulu-Natal

Roundwood Processed or Transferred In 2010/2011

		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>	
Softwood	Pvt	36 051	-	9 600	-	-	1 404	1 404	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	36 051	-	9 600	-	-	1 404	1 404	-	-	-	-	-
<i>E. grandis</i>	Pvt	600	-	2 400	34 382	50 542	871	1 280	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	600	-	2 400	34 382	50 542	871	1 280	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	10 200	12 750	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	10 200	12 750	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	15 500	17 639	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	15 500	17 639	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	36 651	-	12 000	34 382	50 542	2 275	2 685	-	-	25 700	30 389	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	36 651	-	12 000	34 382	50 542	2 275	2 685	-	-	25 700	30 389	-

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

**Roundwood Processed or Transferred In 2010/2011**

		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	389 494	-	-	-	-	349 706	349 706	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	389 494	-	-	-	-	349 706	349 706	-	-	-	-	-
<i>E. grandis</i>	Pvt	5 080	-	50 000	-	-	985 784	1 449 102	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 080	-	50 000	-	-	985 784	1 449 102	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	1 504 474	1 880 593	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 504 474	1 880 593	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	220 170	250 553	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	220 170	250 553	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	394 574	-	50 000	-	-	3 060 134	3 929 954	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	394 574	-	50 000	-	-	3 060 134	3 929 954	-	-	-	-	-

Table B14.11 Zone 11 Eastern Cape

Roundwood Processed or Transferred In 2010/2011

		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	569 033	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	569 033	-	-	-	-	-	-	-	-	-	-	-
<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	569 033	-	6 697	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	569 033	-	6 697	-	-	-	-	-	-	-	-	-

**Table B14.12** Zone 12 Southern Cape

**Roundwood Processed or Transferred In 2010/2011**

		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	307 399	-	62 916	-	-	-	-	-	-	-	-	-
	Pub	170 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	477 912	-	62 916	-	-	-	-	-	-	-	-	-
<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	307 399	-	62 916	-	-	-	-	-	-	-	-	-
	Pub	170 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	477 912	-	62 916	-	-	-	-	-	-	-	-	-

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

**Roundwood Processed or Transferred In 2010/2011**

		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	155 724	4 620	13 307	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	155 724	4 620	13 307	-	-	-	-	-	-	-	-	-
<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	155 724	4 620	13 307	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	155 724	4 620	13 307	-	-	-	-	-	-	-	-	-

**Table B15.0** Value of Roundwood Purchased or Transferred In**2010/2011**

Product	Private Sector	Public Sector	Total
	Rand	Rand	Purchase Value Rand
Sawlogs and Veneerlogs	1 600 851 562	67 591 541	1 668 443 103
Wooden Poles	217 693 221	698 392	218 391 613
Mining Timber	172 866 279	-	172 866 279
Pulpwood	4 902 363 144	-	4 902 363 144
Matchwood	21 606 909	-	21 606 909
Roundwood for Charcoal	27 805 138	-	27 805 138
Total	6 943 186 253	68 289 933	7 011 476 186
Roundwood in transit*	2 245 200	-	2 245 200

**Table B16.0** Value of Sales and/or Transfers-out of Timber and Timber Products**2010/2011**

Product	Value Rand
Sawn and Planed timber	4 035 769 666
Wooden Poles	520 655 316
Mining Timber	345 709 572
Wood-based Panel Products	1 499 055 725
Woodpulp, Paper and Paper Products	12 862 207 370
Firewood	1 189 214
Wood Chips (from roundwood)	1 533 332 923
Mill Residues	73 086 729
Charcoal	218 460 809
Other timber Products	317 682 819
Total	21 407 150 143
Roundwood in Transit*	21 681 272

\*Roundwood not processed by plant

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

**2010/2011**

Product	Softwood	Hardwood	Total
	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>
<b>Sawn and Planed timber</b>			
For building products	1 039 938	29 210	1 069 148
For furniture products	92 073	27 989	120 062
For other products	<u>319 747</u>	<u>57 838</u>	<u>377 585</u>
Total Sawn and Planed timber	<u>1 451 758</u>	<u>115 037</u>	<u>1 566 795</u>
<b>Wooden Poles</b>			
Transmission poles	831	200 873	201 704
Telephone poles	374	6 797	7 171
Other poles	<u>71 622</u>	<u>123 906</u>	<u>195 528</u>
Total Wooden Poles	<u>72 827</u>	<u>331 576</u>	<u>404 403</u>
	<u>tons</u>	<u>tons</u>	<u>tons</u>
Mining Timber for supports	-	386 995	386 995
<b>Other Products</b>			
Wood chips	203 085	2 435 028	2 638 113
Charcoal	-	52 596	52 596
Mill residues	330 626	87 077	417 703
Firewood	34 067	14 848	48 915
Roundwood in transit*	32 071	10 502	42 573

\*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**2010/2011**

Product	Softwood m <sup>3</sup>	Hardwood m <sup>3</sup>	Total m <sup>3</sup>
Sawn and Planed timber			
For building products	1 032 288	29 810	1 062 098
For furniture products	94 893	28 187	123 080
For other products	324 988	57 838	382 826
Total Sawn and Planed timber	1 452 169	115 835	1 568 004
Wooden Poles			
Transmission poles	831	199 889	200 720
Telephone poles	374	6 797	7 171
Other poles	69 003	120 288	189 291
Total Wooden Poles	70 208	326 974	397 182
	tons	tons	tons
Mining Timber for supports	-	386 031	386 031
Other Products			
Wood chips	203 085	2 413 815	2 616 900
Charcoal	-	52 496	52 496
Mill residues	330 625	87 077	417 702
Firewood	34 067	14 850	48 917
Roundwood in transit*	32 055	10 518	42 573

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

**Table B18.0** Production and Sales of Woodbased Panel Products and Woodpulp**2010/2011**

Woodbased Panel Products		m <sup>3</sup>
Veneer	Own use	9 780
	Sold	6 307
Plywood	Own use	360
	Sold	77 822
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	200 190
Semi-Chemical Pulp	Own use	-
	Sold	354 265
Chemical Pulp	Own use	408 123
	Sold	600 457
Dissolving Pulp	Own use	-
	Sold	734 975