

# **REPUBLIC OF SOUTH AFRICA**

**DEPARTMENT OF AGRICULTURE, FORESTRY AND FISHERIES  
FORESTRY BRANCH**

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

### **2008/2009**

Compiled on behalf of the  
Directorate: Forestry Technical and Information Services,  
by  
Forestry Economics Services CC

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Private Bag X93  
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0001  
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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 2008 to June 2009.

The Department of Agriculture, Forestry and Fisheries, Directorate: FTIS has commissioned a private sector enterprise to perform the task of gathering and reporting on this information, on its behalf. This is the ninth 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 1 073 plantation returns (2007/2008: 1 097) and 171 roundwood timber processing returns (2007/2008: 170). 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 2008 to June 2009.

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  
April 2010

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# STATISTICS IN BRIEF

## Commercial Timber Resources

(2007/2008 figures are shown in brackets)

- The total commercial timber plantation area in 2008/2009 was 1 274 869 hectares (2007/2008: 1 257 341 ha).
- Private sector ownership accounts for 83% (83%) of the total plantation area.
- Softwood species cover 51% (53%) of the area and hardwood species cover 49% (47%).
- 57% (55%) of the plantation area is managed mainly for pulpwood production, 34% (36%) for sawlog purposes and 4% (5%) for mining timber with the remaining 4% (3%) for other purposes.
- During the 2008/2009 year 10 474 392 tons (10 850 536 tons) were sold as pulpwood, 4 374 799 m<sup>3</sup> (4 999 405 m<sup>3</sup>) as sawlogs and 430 788 tons (416 537 tons) as mining timber.
- The conversion from one specie to another specie was 8 030 hectares (8 843 ha) whilst the conversion from forestry to other agricultural uses was 3 554 hectares (697 ha). New afforestation amounted to 2 169 hectares (4 641 ha)

## Primary Roundwood Processing

(2007/2008 figures are shown in brackets)

- 191 (183) plants were in operation, of which 108 (102) were sawmills (including veneer and plywood plants), 47 (44) pole treating plants, 16 (19) pulp and board mills and chipping plants and 16 (13) mining timber mills.
- The total roundwood intake during the year was 18 554 651 m<sup>3</sup> (19 689 937 m<sup>3</sup>).
- The delivered at mill cost of the total roundwood intake was R6 705 million (R6 047 million).
- The value of sales of timber products totalled R20 376 million (R21 361 million).
- An amount of some R15 655 million (R15 821 million) 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. It must be noted that the Northern Province as reflected in previous reports has been renamed to Limpopo Province in this report.

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	Warmbad
Mutale	Waterberg
Pietersburg	

### **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 2008/2009 WITH 2007/2008

### 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 2008/2009 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 2008/2009 reported area of 1 274 869 hectares is 17 528 hectares, 1.4%, more than the 1 257 341 hectares reported for 2007/2008.

A comparison, by province, of the 2008/2009 reported plantation area and the area included in this Report is given in the table below.

Province	2009		2008	
	Afforested Area		Afforested Area	
	Hectares	%	Hectares	%
Limpopo Province	49 669	3.9	47 982	3.8
Mpumalanga	519 513	40.8	510 263	40.6
North West Province	304	0.0	126	0.0
Free State	-	0.0	-	0.0
KwaZulu-Natal	504 393	39.6	486 020	38.7
Eastern Cape	141 819	11.1	153 380	12.2
Western Cape	59 171	4.6	59 570	4.7
<b>TOTAL</b>	<b>1 274 869</b>	<b>100.0</b>	<b>1 257 341</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	2009		2008	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	64	4	66	4
Pulpwood	33	82	32	80
Mining Timber	-	9	-	11
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 2008/2009 and 2007/2008 is shown in the table below.

Product	2009	2008
Sawlogs	4 374 799 m <sup>3</sup>	4 999 405 m <sup>3</sup>
Poles	519 582 m <sup>3</sup>	435 387 m <sup>3</sup>
Mining Timber	430 788 tons	416 537 tons
Pulpwood	10 474 392 tons	10 850 536 tons
Charcoal & Firewood	249 992 tons	217 716 tons
Other	94 738 tons	200 421 tons

Changes in sales volumes would generally reflect changes in market conditions between reporting periods and this probably accounts for most of the difference seen in the above table. A further contributing factor for the lower sales volumes, were the devastating fires that occurred before this reporting period. The lower sales volumes, 6.0 %, 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 61 704 tons. It is a known fact that in the given reporting period, hardwood stockpiles of pulpwood had remained similar 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 61 704 m<sup>3</sup> of the sawlog volume difference can be offset against the pulpwood difference. This would balance the pulpwood volume between supply by timber growers and that which was purchased by the processors.

If the same offset assumption is made for the sawlog volume difference of 177 496 cubic metres, the sawn timber production and sales volume are overstated. This volume of sawn timber would have a value in the range of 82.1 million and R88.5 million, which represents approximately 0.42% of the reported industry sales value of R20 376 million. 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 122.1 million hectares of land in the Republic of South Africa, only 1.0% of the area was under commercial plantations in 2009.

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% (1 058 908 ha) is under private sector ownership whilst the other 17% (215 960 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 12.9% (164 282 ha) of the plantation area is owned by 608 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 338 923 hectares or 52.1% of the total softwood area. The species occurs mainly in Mpumalanga North and South, KwaZulu-Natal and the Eastern Cape. *Pinus elliottii*, comprising 27.2% 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 58 127 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 45.2% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 50.3% 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.

57% of all plantations are managed for pulpwood, 34% for sawlogs, 4% for mining timber and 4% for other purposes. Softwoods are managed mainly for sawlog production (64%), whilst 82% 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 2008/2009 survey amounted to 22 808 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 2008/2009, reported conversions from one timber species to another amounted to 8 030 ha whilst conversion from timber to other land uses amounted to 3 554 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.

39.0% of the newly afforested area comprised areas planted to Eucalyptus trees, 34.2% to softwoods, 25.5% to wattle trees and the balance of 1.2% 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****2008/2009**

Region/Zone	2007/2008 ha	2008/2009 ha	% of RSA	Private Ownership	Public Ownership
<b>Northern Regions</b>					
Limpopo Province	47 982	49 669	3.9	27 457	22 210
Mpumalanga North	224 151	225 065	17.7	130 124	94 942
Central Districts	24 459	24 975	2.0	19 855	5 120
Mpumalanga South	261 779	269 777	21.2	243 275	26 502
<b>Total Northern Regions</b>	<b>558 371</b>	<b>569 485</b>	<b>44.7</b>	<b>420 711</b>	<b>148 774</b>
<b>Middle Regions</b>					
Maputaland	19 594	17 024	1.3	-	17 024
Zululand	77 283	77 091	6.0	71 672	5 419
Northern KwaZulu-Natal	85 079	91 764	7.2	89 304	2 459
KwaZulu-Natal Midlands	174 412	195 021	15.3	191 663	3 358
Southern KwaZulu-Natal	129 652	123 493	9.7	122 316	1 177
<b>Total Middle Regions</b>	<b>486 020</b>	<b>504 393</b>	<b>39.6</b>	<b>474 955</b>	<b>29 437</b>
<b>Southern Regions</b>					
Eastern Cape	123 569	122 549	9.6	91 794	30 755
Southern Cape	75 297	61 623	4.8	61 334	289
Western Cape	14 084	16 819	1.3	10 114	6 705
<b>Total Southern Regions</b>	<b>212 950</b>	<b>200 991</b>	<b>15.8</b>	<b>163 242</b>	<b>37 749</b>
<b>Total South Africa</b>	<b>1 257 341</b>	<b>1 274 869</b>	<b>100.0</b>	<b>1 058 908</b>	<b>215 960</b>

**Table II-** Number of Plantation Units by Size Group and Ownership**2008/2009**

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	171	43	6	220	10	1	11	231	21.5
50 to 99	76	38	2	116	26	-	26	142	13.2
100 to 199	129	35	-	164	28	2	30	194	18.1
200 to 499	147	67	1	215	29	5	34	249	23.2
500 to 999	61	23	-	84	11	1	12	96	8.9
1 000 to 1 999	19	27	-	46	16	-	16	62	5.8
2 000 to 4 999	4	17	-	21	12	1	13	34	3.2
5 000 +	1	51	-	52	13	-	13	65	6.1
<b>Total Number</b>	<b>608</b>	<b>301</b>	<b>9</b>	<b>918</b>	<b>145</b>	<b>10</b>	<b>155</b>	<b>1 073</b>	<b>100.0</b>
Total Plantation Area in Hectares									
1 to 49	3 879	979	86	4 944	324	38	362	5 306	0.4
50 to 99	5 584	2 827	125	8 536	1 994	-	1 994	10 530	0.8
100 to 199	18 889	5 258	-	24 147	4 259	290	4 549	28 696	2.3
200 to 499	46 992	21 694	212	68 898	9 073	1 535	10 608	79 506	6.2
500 to 999	42 624	16 718	-	59 342	7 764	503	8 267	67 609	5.3
1 000 to 1 999	26 302	37 198	-	63 500	23 206	-	23 206	86 706	6.8
2 000 to 4 999	10 138	46 710	-	56 848	35 789	2 275	38 064	94 912	7.4
5 000 +	9 874	762 819	-	772 693	128 911	-	128 911	901 604	70.7
<b>Total Area</b>	<b>164 282</b>	<b>894 203</b>	<b>423</b>	<b>1 058 908</b>	<b>211 320</b>	<b>4 641</b>	<b>215 961</b>	<b>1 274 869</b>	<b>100.0</b>

**Table III - Distribution of Timber Species by Zones****2008/2009**

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	27 175	4.2	22 318	4.3	72	0.1	102	1.9
Mpumalanga North	152 745	23.5	72 166	14.0	19	0.0	135	2.5
Central Districts	19 832	3.1	5 044	1.0	99	0.1	-	-
Mpumalanga South	133 674	20.6	117 923	22.9	15 087	14.5	3 094	56.6
<b>Total Northern Regions</b>	<b>333 426</b>	<b>51.3</b>	<b>217 452</b>	<b>42.2</b>	<b>15 276</b>	<b>14.7</b>	<b>3 331</b>	<b>60.9</b>
<b>Middle Regions</b>								
Maputaland	9 630	1.5	7 394	1.4	-	-	-	-
Zululand	5 690	0.9	67 940	13.2	3 140	3.0	322	5.9
Northern KwaZulu-Natal	17 809	2.7	52 261	10.1	21 520	20.7	174	3.2
KwaZulu-Natal Midlands	48 498	7.5	93 966	18.2	52 004	50.0	553	10.1
Southern KwaZulu-Natal	60 066	9.2	53 741	10.4	9 548	9.2	138	2.5
<b>Total Middle Regions</b>	<b>141 691</b>	<b>21.8</b>	<b>275 302</b>	<b>53.4</b>	<b>86 212</b>	<b>82.9</b>	<b>1 187</b>	<b>21.7</b>
<b>Southern Regions</b>								
Eastern Cape	98 796	15.2	20 994	4.1	2 293	2.2	465	8.5
Southern Cape	59 813	9.2	1 092	0.2	271	0.3	448	8.2
Western Cape	16 298	2.5	483	0.1	2	0.0	35	0.6
<b>Total Southern Regions</b>	<b>174 907</b>	<b>26.9</b>	<b>22 569</b>	<b>4.4</b>	<b>2 566</b>	<b>2.5</b>	<b>948</b>	<b>17.3</b>
<b>Total South Africa</b>	<b>650 024</b>	<b>100.0</b>	<b>515 324</b>	<b>100.0</b>	<b>104 055</b>	<b>100.0</b>	<b>5 467</b>	<b>100.0</b>



**Table IV - Age Distribution by Species****2008/2009**

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	59 820	9.2	34 369	6.7	5 436	5.2	205	3.7
0-4 years	111 176	17.1	203 426	39.5	27 676	26.6	1 351	24.7
4-9 years	109 771	16.9	187 486	36.4	47 343	45.5	1 384	25.3
9-14 years	133 025	20.5	63 980	12.4	19 475	18.7	790	14.5
14-19 years	115 701	17.8	16 203	3.1	2 667	2.6	599	11.0
19-24 years	61 353	9.4	5 351	1.0	124	0.1	361	6.6
24-29 years	33 565	5.2	1 485	0.3	74	0.1	181	3.3
29-34 years	15 223	2.3	757	0.1	50	0.0	176	3.2
34 + years	9 535	1.5	1 924	0.4	395	0.4	311	5.7
Jungle	856	0.1	343	0.1	813	0.8	107	2.0
Total Area	650 024	100.0	515 324	100.0	104 055	100.0	5 467	100.0

**Table V - Plantation Area According to Main Purpose for which Trees are Grown****2008/2009**

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	27 140	9 242	-	186	5 148	35	7 917
Mpumalanga North Central Districts	133 366	6 375	19 379	20 811	41 956	-	3 178
Mpumalanga South	3 518	-	16 309	4 367	472	5	304
<b>Total Northern Regions</b>	<b>227 657</b>	<b>16 484</b>	<b>103 731</b>	<b>153 603</b>	<b>52 293</b>	<b>2 038</b>	<b>13 680</b>
<b>Middle Regions</b>							
Maputaland	-	-	9 630	7 394	-	-	-
Zululand	5 264	58	426	70 816	128	-	400
Northern KwaZulu-Natal	8 843	30	8 965	72 653	901	-	370
KwaZulu-Natal Midlands	20 011	721	28 484	140 960	804	2	4 038
Southern KwaZulu-Natal	28 118	132	31 948	62 142	895	-	258
<b>Total Middle Regions</b>	<b>62 237</b>	<b>940</b>	<b>79 452</b>	<b>353 966</b>	<b>2 728</b>	<b>2</b>	<b>5 067</b>
<b>Southern Regions</b>							
Eastern Cape	61 673	329	33 736	7 579	2 061	3 387	13 783
Southern Cape	49 815	1 744	712	11	-	9 285	55
Western Cape	15 708	43	-	213	-	590	264
<b>Total Southern Regions</b>	<b>127 196</b>	<b>2 117</b>	<b>34 448</b>	<b>7 803</b>	<b>2 061</b>	<b>13 262</b>	<b>14 103</b>
<b>Total South Africa</b>	<b>417 090</b>	<b>19 542</b>	<b>217 631</b>	<b>515 372</b>	<b>57 082</b>	<b>15 303</b>	<b>32 849</b>

**Table VI - Roundwood Sales by Product and Zone****2008/2009**

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	306 007	112 207	46 904	11 093	32 597	34 625
Mpumalanga North	1 389 771	85 379	302 950	949 160	22 019	17 728
Central Districts	1 837	15	-	262 046	6 151	-
Mpumalanga South	662 714	17 274	61 858	2 122 268	19 772	15 696
<b>Total Northern Regions</b>	<b>2 360 329</b>	<b>214 875</b>	<b>411 712</b>	<b>3 344 567</b>	<b>80 540</b>	<b>68 049</b>
<b>Middle Regions</b>						
Maputaland	-	-	-	78 012	-	-
Zululand	41 648	1 298	-	1 676 706	576	-
Northern KwaZulu-Natal	36 880	3 614	10 042	594 098	88 917	2 456
KwaZulu-Natal Midlands	295 219	43 963	1 492	2 825 098	8 152	22 053
Southern KwaZulu-Natal	217 164	35 499	969	1 603 222	7 485	1 592
<b>Total Middle Regions</b>	<b>590 911</b>	<b>84 374</b>	<b>12 503</b>	<b>6 777 136</b>	<b>105 129</b>	<b>26 101</b>
<b>Southern Regions</b>						
Eastern Cape	819 964	164 308	6 573	351 356	64 103	446
Southern Cape	499 377	41 156	-	162	150	142
Western Cape	104 218	14 869	-	1 171	70	-
<b>Total Southern Regions</b>	<b>1 423 559</b>	<b>220 333</b>	<b>6 573</b>	<b>352 689</b>	<b>64 323</b>	<b>588</b>
<b>Total South Africa</b>	<b>4 374 799</b>	<b>519 582</b>	<b>430 788</b>	<b>10 474 392</b>	<b>249 992</b>	<b>94 738</b>

# 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 171 processors included in the 2008/2009 reporting period and Table B10.0 shows that there are 191 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 655million 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 83%.

## Roundwood Intake

The volume of roundwood intake by primary processor amounted to 18.555 million cubic metres of which pulpwood comprised 69.5%. 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 R6 705 million (2007/2008: R6 047 million), see Table B15.0 (Page 111).

## Sales of Products

### 1. Sales Value

The total value of reported sales of timber based products in 2008/2009 amounted to R20 376 million a decrease of -4.6% on the value of R21 361 million reported for the 2007/2008 period. Woodpulp and paper products continue to dominate the industry accounting for R10 665 million (2007/2008: R11 375 million) or 52.3% (2007/2008: 53.3%).

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	1 908 347	m <sup>3</sup>
Poles	442 633	m <sup>3</sup>
Mining timber	463 324	tons
Woodchips	3 608 627	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	592 959	tons
Dissolving pulp	550 961	tons
Particle board	462 072	m <sup>3</sup>
Fibreboard	71 515	m <sup>3</sup>

**Table VII - Roundwood Intake by Primary Processors****2008/2009**

	m <sup>3</sup>	t
Sawlogs and Veneerlogs	4 135 599	
Poles	442 095	
Mining Timber		516 986
Pulpwood		10 536 096
Other		273 274

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

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

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	24 898	14 590	1 030	16 899	1 003	1 401	59 820
0-1	13 154	9 009	834	488	13	1 675	25 172
1-2	17 127	9 484	2 125	888	15	2 136	31 776
2-3	15 295	9 045	1 471	1 049	-	1 597	28 458
3-4	15 107	6 977	852	1 001	19	1 813	25 770
4-5	19 209	8 053	1 154	1 324	-	1 726	31 466
5-6	11 730	5 530	984	837	37	2 628	21 746
6-7	10 321	5 116	435	1 189	-	2 196	19 256
7-8	9 745	3 628	408	608	24	2 754	17 167
8-9	11 443	5 143	351	605	20	2 574	20 135
9-10	13 551	6 602	634	1 498	34	4 628	26 947
10-11	13 247	5 187	837	1 155	7	3 607	24 040
11-12	15 159	6 515	352	1 786	45	3 114	26 970
12-13	15 337	5 813	827	2 911	25	2 495	27 408
13-14	14 706	7 807	513	1 873	15	2 745	27 659
14-15	15 596	6 233	324	3 949	18	982	27 103
15-16	12 051	6 489	258	1 462	10	1 384	21 654
16-17	15 023	6 812	570	1 656	43	861	24 964
17-18	13 806	6 673	393	1 601	161	485	23 119
18-19	10 525	6 031	196	1 626	209	274	18 861
19-20	9 364	5 490	235	2 028	272	468	17 858
20-21	5 777	4 348	135	1 213	272	143	11 888
21-22	4 853	4 003	263	1 032	290	424	10 864
22-23	5 140	3 171	470	951	367	85	10 184
23-24	5 585	3 674	379	676	122	122	10 559
24-25	4 791	3 266	640	1 346	250	291	10 584
25-26	4 271	2 239	692	339	318	311	8 170
26-27	2 601	1 717	475	657	319	141	5 909
27-28	2 050	1 407	707	425	179	84	4 851
28-29	1 625	1 325	427	319	281	74	4 051
29-30	1 379	1 326	502	838	957	10	5 012
30-31	789	707	268	487	621	96	2 968
31-32	966	1 041	603	453	586	200	3 849
32-33	445	405	163	209	573	101	1 897
33-34	343	347	351	215	215	26	1 497
34+	1 750	1 301	454	2 212	3 438	380	9 535
Jungle	165	44	24	323	125	174	856
<b>Total</b>	<b>338 923</b>	<b>176 550</b>	<b>21 337</b>	<b>58 127</b>	<b>10 882</b>	<b>44 205</b>	<b>650 024</b>



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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	405	146	-	-	-	10	561
0-1	166	106	-	-	-	150	421
1-2	454	244	-	1	-	151	849
2-3	287	69	-	-	-	317	673
3-4	383	119	-	4	-	318	824
4-5	234	207	-	-	-	314	755
5-6	359	161	-	-	-	443	962
6-7	452	60	-	-	-	429	941
7-8	362	38	-	-	-	469	870
8-9	561	134	-	-	-	213	909
9-10	398	283	-	-	-	179	860
10-11	571	292	-	20	-	166	1 049
11-12	687	139	-	20	-	51	897
12-13	779	233	-	-	-	32	1 043
13-14	1 271	189	-	2	-	14	1 476
14-15	2 260	489	11	-	-	38	2 798
15-16	720	214	7	-	-	32	973
16-17	501	161	-	-	-	54	716
17-18	503	195	-	4	-	39	741
18-19	412	104	10	1	-	93	620
19-20	768	221	30	-	-	101	1 119
20-21	363	127	-	-	-	24	514
21-22	531	153	-	6	-	38	729
22-23	427	116	16	-	-	27	587
23-24	343	351	-	-	-	36	731
24-25	489	205	43	-	-	43	779
25-26	256	228	46	-	-	15	546
26-27	238	85	87	-	-	32	442
27-28	207	253	56	-	-	4	521
28-29	157	67	75	-	-	63	362
29-30	49	410	54	-	-	6	520
30-31	21	7	48	-	-	34	109
31-32	82	148	158	-	-	13	402
32-33	86	1	65	-	-	-	152
33-34	24	2	114	-	-	-	141
34+	90	192	157	-	-	82	520
Jungle	50	10	4	-	-	-	64
<b>Total</b>	<b>15 946</b>	<b>6 159</b>	<b>984</b>	<b>58</b>	<b>-</b>	<b>4 028</b>	<b>27 175</b>

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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	5 503	3 072	538	92	84	363	9 652
0-1	2 430	2 289	401	-	-	607	5 727
1-2	3 537	3 434	1 414	-	-	908	9 294
2-3	3 691	2 915	795	-	-	713	8 114
3-4	2 932	2 052	330	-	-	532	5 847
4-5	2 635	1 962	648	-	-	591	5 836
5-6	2 724	1 881	280	-	-	983	5 869
6-7	1 842	1 055	284	-	-	635	3 815
7-8	2 173	1 287	216	-	-	1 061	4 736
8-9	2 340	1 439	121	-	-	981	4 881
9-10	2 249	2 323	337	-	-	1 333	6 241
10-11	2 196	1 779	432	-	-	1 078	5 485
11-12	3 366	2 467	203	-	-	859	6 894
12-13	4 392	1 848	447	-	-	460	7 147
13-14	3 481	3 142	246	-	-	433	7 302
14-15	3 669	1 979	72	-	-	192	5 912
15-16	1 513	1 414	32	-	-	113	3 073
16-17	2 869	1 159	148	-	-	103	4 278
17-18	2 110	1 905	139	-	-	113	4 267
18-19	1 992	1 338	66	-	-	12	3 408
19-20	2 888	1 881	5	-	-	48	4 822
20-21	2 313	1 230	36	-	-	36	3 615
21-22	1 999	1 640	186	-	-	52	3 877
22-23	1 788	1 367	399	-	-	10	3 563
23-24	1 784	1 651	220	-	-	48	3 703
24-25	1 695	1 748	329	-	-	73	3 844
25-26	1 436	914	251	-	-	203	2 805
26-27	854	956	191	-	-	82	2 082
27-28	719	636	315	-	-	50	1 721
28-29	436	503	235	-	-	4	1 179
29-30	276	500	186	-	-	4	966
30-31	344	367	143	-	-	14	868
31-32	380	87	117	-	-	7	591
32-33	264	107	63	-	-	-	434
33-34	162	43	35	-	-	22	262
34+	353	61	73	-	-	8	495
Jungle	110	10	20	-	-	-	140
<b>Total</b>	<b>75 443</b>	<b>54 439</b>	<b>9 953</b>	<b>92</b>	<b>84</b>	<b>12 734</b>	<b>152 745</b>

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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	1 121	7	-	-	-	194	1 321
0-1	399	-	-	-	-	82	482
1-2	1 080	-	-	-	-	85	1 165
2-3	889	-	-	-	-	90	979
3-4	599	-	-	-	-	204	803
4-5	506	27	-	-	-	165	698
5-6	499	-	-	-	-	47	546
6-7	598	-	-	-	-	56	655
7-8	453	-	-	-	-	119	572
8-9	396	22	-	-	-	144	562
9-10	237	3	-	-	-	235	475
10-11	783	0	-	-	-	5	788
11-12	688	139	-	-	-	169	997
12-13	684	108	2	-	-	40	835
13-14	649	433	-	-	-	98	1 180
14-15	941	381	-	-	-	100	1 421
15-16	1 162	699	2	-	-	35	1 898
16-17	670	404	59	-	-	87	1 220
17-18	512	176	-	-	-	14	702
18-19	412	662	-	-	-	4	1 078
19-20	155	234	-	-	-	31	420
20-21	71	-	-	-	-	-	71
21-22	53	-	-	-	-	-	53
22-23	225	-	-	-	-	-	225
23-24	209	-	-	-	-	0	209
24-25	76	-	-	-	-	15	91
25-26	117	-	-	-	-	-	117
26-27	-	1	-	-	-	-	1
27-28	8	-	-	-	-	-	8
28-29	87	-	-	-	-	-	87
29-30	19	11	-	-	-	0	30
30-31	-	-	-	-	-	-	-
31-32	-	-	-	-	-	-	-
32-33	-	-	-	-	-	-	-
33-34	-	20	-	-	-	-	20
34+	92	6	-	-	-	25	122
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>14 391</b>	<b>3 334</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>2 043</b>	<b>19 832</b>

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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	5 517	1 485	73	-	-	414	7 490
0-1	4 932	2 546	118	-	-	584	8 181
1-2	5 381	1 694	400	-	-	520	7 994
2-3	3 451	1 562	460	-	-	304	5 778
3-4	5 328	1 005	388	-	-	139	6 860
4-5	6 534	1 943	-	-	-	207	8 684
5-6	3 249	964	-	-	-	344	4 557
6-7	3 163	875	-	-	-	219	4 257
7-8	3 680	507	5	-	-	260	4 451
8-9	4 178	719	13	-	-	327	5 237
9-10	3 536	741	4	-	-	534	4 815
10-11	4 419	1 169	78	-	-	329	5 995
11-12	4 895	863	14	-	-	294	6 066
12-13	4 452	1 327	-	-	-	65	5 844
13-14	3 528	1 701	10	-	-	219	5 457
14-15	3 684	1 389	72	-	-	2	5 147
15-16	3 984	1 693	10	-	-	117	5 805
16-17	5 050	2 022	72	-	-	72	7 216
17-18	3 873	1 777	23	-	-	148	5 821
18-19	2 047	1 079	69	-	-	43	3 238
19-20	1 418	846	36	-	-	17	2 317
20-21	1 153	760	51	-	-	49	2 014
21-22	723	409	13	-	-	-	1 144
22-23	967	210	10	-	-	10	1 197
23-24	1 948	178	58	-	-	1	2 184
24-25	686	56	70	-	-	-	813
25-26	1 319	245	82	-	-	10	1 656
26-27	594	137	83	-	-	-	814
27-28	452	231	41	-	-	26	750
28-29	434	224	31	-	-	4	692
29-30	354	75	36	-	-	-	466
30-31	148	34	17	-	-	-	199
31-32	174	16	0	-	-	-	190
32-33	18	13	-	-	-	-	31
33-34	14	13	12	-	-	-	39
34+	179	49	26	-	-	24	278
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>95 461</b>	<b>30 554</b>	<b>2 376</b>	<b>-</b>	<b>-</b>	<b>5 282</b>	<b>133 674</b>

Table A1.5 - Zone 5 Maputaland

## Area of Softwood Species by Age Class 2008/2009

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

Table A1.6 - Zone 6 Zululand

## Area of Softwood Species by Age Class 2008/2009

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	552	955	-	-	-	-	1 507
0-1	61	9	-	-	-	-	70
1-2	67	19	-	-	-	-	86
2-3	35	68	-	-	-	-	103
3-4	23	36	-	-	-	-	59
4-5	6	79	-	-	-	-	85
5-6	-	154	-	-	-	-	154
6-7	-	76	-	-	-	-	76
7-8	-	24	-	-	-	-	24
8-9	51	33	-	-	-	-	83
9-10	18	57	-	-	-	-	75
10-11	34	21	-	-	-	13	67
11-12	-	170	-	-	-	-	170
12-13	12	106	-	-	-	1	119
13-14	24	12	-	-	-	6	42
14-15	31	121	-	-	-	-	153
15-16	22	99	-	-	-	20	141
16-17	51	72	-	-	-	5	128
17-18	35	105	-	-	-	5	145
18-19	12	254	-	-	-	-	266
19-20	21	204	-	-	-	-	225
20-21	-	475	26	-	-	3	504
21-22	-	372	35	-	-	4	411
22-23	39	291	-	-	-	12	342
23-24	-	120	24	-	-	9	153
24-25	29	265	-	-	-	19	314
25-26	-	19	-	-	-	15	34
26-27	-	-	-	-	-	-	-
27-28	-	-	16	-	-	-	16
28-29	-	10	5	-	-	-	15
29-30	-	3	2	-	-	-	5
30-31	-	33	-	-	-	-	33
31-32	-	6	-	-	-	-	6
32-33	-	1	-	-	-	-	1
33-34	-	7	-	-	-	-	7
34+	26	13	16	-	-	17	73
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>1 147</b>	<b>4 289</b>	<b>124</b>	<b>-</b>	<b>-</b>	<b>130</b>	<b>5 690</b>

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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	768	279	47	-	-	127	1 222
0-1	1 243	391	-	-	-	9	1 643
1-2	2 144	445	159	-	-	22	2 770
2-3	1 729	397	148	-	-	-	2 275
3-4	1 271	516	60	-	-	15	1 863
4-5	920	471	51	-	-	50	1 493
5-6	1 230	498	43	-	-	50	1 821
6-7	1 060	416	46	-	-	81	1 602
7-8	776	543	127	-	-	67	1 513
8-9	799	786	147	-	-	140	1 872
9-10	994	1 185	225	-	-	163	2 566
10-11	851	955	306	-	-	210	2 322
11-12	656	940	114	-	-	188	1 898
12-13	895	795	244	-	-	266	2 200
13-14	445	873	145	32	-	137	1 632
14-15	542	772	98	-	-	-	1 412
15-16	808	1 317	154	-	-	71	2 349
16-17	902	1 361	85	-	-	172	2 519
17-18	864	1 115	99	-	-	33	2 111
18-19	736	1 304	38	-	-	24	2 102
19-20	654	1 451	146	-	-	33	2 284
20-21	463	1 090	4	-	-	13	1 570
21-22	449	477	28	-	-	19	973
22-23	301	381	14	-	-	5	701
23-24	159	742	18	-	-	4	923
24-25	410	299	76	-	-	123	909
25-26	268	284	34	-	-	19	605
26-27	159	73	26	-	-	-	258
27-28	169	113	38	-	-	-	320
28-29	59	75	14	-	-	-	147
29-30	32	14	5	-	-	-	51
30-31	133	21	25	-	-	-	179
31-32	81	75	5	-	-	-	162
32-33	11	30	-	-	-	-	41
33-34	21	25	-	-	-	-	46
34+	77	56	8	-	-	-	141
Jungle	5	-	-	-	-	-	5
<b>Total</b>	<b>23 082</b>	<b>20 565</b>	<b>2 777</b>	<b>32</b>	<b>-</b>	<b>2 042</b>	<b>48 498</b>

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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	263	427	-	-	-	24	715
0-1	177	430	9	-	-	114	730
1-2	195	408	23	-	-	-	626
2-3	21	313	-	-	-	10	345
3-4	278	234	-	-	-	18	530
4-5	325	294	-	-	-	120	739
5-6	143	121	-	-	-	119	383
6-7	133	324	-	-	-	132	588
7-8	131	237	-	-	-	94	462
8-9	969	402	-	-	-	19	1 389
9-10	83	786	3	-	-	-	872
10-11	216	446	-	-	-	30	692
11-12	252	502	-	-	-	28	782
12-13	211	804	3	-	-	23	1 042
13-14	321	469	3	-	-	-	793
14-15	139	481	-	-	-	2	622
15-16	198	503	-	-	-	11	713
16-17	397	792	-	-	-	103	1 292
17-18	357	527	-	-	-	1	886
18-19	259	375	3	-	-	7	644
19-20	238	62	-	-	-	-	301
20-21	69	268	-	-	-	-	338
21-22	137	219	-	-	-	22	378
22-23	123	71	25	-	-	3	222
23-24	232	58	19	-	-	6	315
24-25	161	30	55	-	-	-	246
25-26	64	31	60	-	-	-	154
26-27	126	51	24	-	-	-	200
27-28	35	5	26	-	-	-	67
28-29	25	16	10	-	-	-	51
29-30	351	41	10	-	-	-	401
30-31	8	23	15	-	-	-	45
31-32	2	1	34	-	-	17	54
32-33	-	5	-	-	-	26	31
33-34	1	9	-	-	-	-	10
34+	2	-	-	-	-	-	2
Jungle	-	-	-	-	-	150	150
<b>Total</b>	<b>6 642</b>	<b>9 766</b>	<b>321</b>	<b>-</b>	<b>-</b>	<b>1 080</b>	<b>17 809</b>



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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	2 005	709	192	-	-	219	3 126
0-1	1 894	1 022	21	-	-	5	2 941
1-2	2 699	613	28	-	-	125	3 465
2-3	2 552	662	36	-	-	103	3 352
3-4	2 377	986	46	-	-	138	3 547
4-5	1 919	1 643	65	-	-	17	3 644
5-6	1 409	536	51	-	-	86	2 082
6-7	1 429	412	82	-	-	229	2 152
7-8	1 276	274	13	-	-	267	1 830
8-9	1 242	232	-	-	-	431	1 905
9-10	1 924	57	-	-	-	215	2 196
10-11	1 877	52	-	-	-	473	2 401
11-12	1 840	165	4	-	-	503	2 512
12-13	2 187	325	10	-	-	282	2 803
13-14	3 174	578	34	-	-	249	4 035
14-15	1 419	156	-	-	-	94	1 668
15-16	1 313	249	-	-	-	88	1 650
16-17	1 606	192	-	-	-	1	1 799
17-18	2 303	194	-	-	-	4	2 501
18-19	2 203	-	9	-	-	-	2 212
19-20	1 379	147	-	-	-	22	1 549
20-21	901	38	18	1	-	7	965
21-22	565	124	2	-	-	5	697
22-23	422	216	-	-	-	-	638
23-24	307	186	20	-	-	17	530
24-25	253	158	42	-	-	17	470
25-26	122	83	136	-	-	2	344
26-27	358	297	32	-	-	27	715
27-28	153	78	119	-	-	-	350
28-29	78	175	53	-	-	-	306
29-30	68	124	55	-	-	-	247
30-31	3	8	-	-	-	12	22
31-32	27	137	87	-	-	-	251
32-33	25	110	25	-	-	70	230
33-34	-	5	90	-	-	2	97
34+	42	33	5	607	-	111	799
Jungle	-	24	-	-	-	10	34
<b>Total</b>	<b>43 352</b>	<b>10 999</b>	<b>1 276</b>	<b>608</b>	<b>-</b>	<b>3 831</b>	<b>60 066</b>

Table A1.11 - Zone 11 Eastern Cape

## Area of Softwood Species by Age Class 2008/2009

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	8 764	4 325	173	201	19	26	13 508
0-1	1 221	1 678	199	-	-	93	3 192
1-2	1 571	2 299	61	34	-	325	4 292
2-3	2 639	1 642	-	3	-	59	4 344
3-4	1 914	1 414	-	154	-	449	3 931
4-5	1 638	781	229	98	-	117	2 863
5-6	2 118	1 119	610	24	-	556	4 427
6-7	1 646	1 105	23	84	-	411	3 268
7-8	893	519	47	-	-	418	1 877
8-9	908	552	70	79	-	319	1 927
9-10	1 294	580	9	91	-	1 969	3 943
10-11	2 301	426	20	320	-	1 264	4 331
11-12	2 719	642	17	552	28	1 021	4 979
12-13	1 675	228	120	468	-	1 278	3 768
13-14	1 812	241	48	222	-	1 578	3 901
14-15	1 141	347	67	418	-	525	2 498
15-16	2 330	300	53	41	-	685	3 409
16-17	2 978	649	197	124	30	246	4 223
17-18	3 248	673	132	63	112	91	4 320
18-19	2 452	915	0	103	157	91	3 718
19-20	945	411	-	80	103	-	1 539
20-21	444	329	-	66	110	10	958
21-22	396	449	-	105	128	-	1 078
22-23	849	443	5	217	169	-	1 683
23-24	603	267	20	78	45	-	1 013
24-25	420	93	24	69	-	-	606
25-26	688	109	83	72	148	-	1 101
26-27	271	39	33	20	85	-	448
27-28	307	82	95	-	-	3	487
28-29	349	223	5	5	57	2	640
29-30	83	148	153	16	676	-	1 076
30-31	133	177	14	122	386	37	869
31-32	219	572	202	227	448	164	1 831
32-33	42	139	10	4	381	6	581
33-34	122	150	98	35	164	2	570
34+	703	302	142	35	191	101	1 473
Jungle	0	-	-	25	85	14	125
<b>Total</b>	<b>51 836</b>	<b>24 368</b>	<b>2 960</b>	<b>4 253</b>	<b>3 521</b>	<b>11 858</b>	<b>98 796</b>

Table A1.12 - Zone 12 Southern Cape

## Area of Softwood Species by Age Class 2008/2009

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	177	7	12 029	900	24	13 136
0-1	631	50	66	259	-	18	1 024
1-2	-	272	4	740	-	-	1 016
2-3	-	656	-	684	-	-	1 340
3-4	-	183	-	477	19	-	679
4-5	4 492	136	160	960	-	146	5 894
5-6	-	41	-	603	-	-	644
6-7	-	19	-	981	-	-	1 000
7-8	-	9	-	506	-	-	515
8-9	-	1	-	390	-	-	391
9-10	2 819	37	57	1 218	1	-	4 132
10-11	-	48	-	617	-	-	665
11-12	-	488	-	828	-	-	1 316
12-13	-	40	2	1 975	-	2	2 020
13-14	-	170	4	1 115	2	3	1 293
14-15	1 670	73	4	3 066	8	3	4 823
15-16	-	-	-	914	-	23	936
16-17	-	-	9	1 036	8	-	1 053
17-18	-	7	-	1 165	35	-	1 207
18-19	-	-	-	1 141	52	-	1 193
19-20	897	-	18	1 446	133	-	2 494
20-21	-	-	-	824	127	1	951
21-22	-	47	-	715	44	-	805
22-23	-	21	-	493	144	-	658
23-24	-	33	-	350	9	-	392
24-25	573	95	-	1 072	165	-	1 905
25-26	-	87	-	189	121	2	399
26-27	-	78	-	490	154	-	722
27-28	-	8	-	303	127	-	437
28-29	-	30	-	219	173	2	424
29-30	147	-	-	671	182	-	1 001
30-31	-	37	7	240	156	-	440
31-32	-	-	-	123	116	-	239
32-33	-	-	-	109	182	-	291
33-34	-	14	-	76	46	-	136
34+	187	329	26	879	2 815	2	4 238
Jungle	-	-	-	-	-	-	-
<b>Total</b>	<b>11 416</b>	<b>3 187</b>	<b>364</b>	<b>38 904</b>	<b>5 717</b>	<b>224</b>	<b>59 813</b>

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

**Area of Softwood Species by Age Class 2008/2009**

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	-	-	4 577	-	-	4 577
0-1	-	-	20	228	13	13	274
1-2	-	30	35	113	15	-	194
2-3	-	71	32	362	-	-	465
3-4	-	2	28	366	-	-	396
4-5	-	7	-	266	-	-	274
5-6	-	1	-	210	37	-	248
6-7	-	-	-	124	-	2	126
7-8	-	-	-	102	24	-	126
8-9	-	-	-	135	20	-	155
9-10	-	-	-	189	33	-	222
10-11	-	-	-	198	7	-	206
11-12	56	-	-	386	17	-	460
12-13	50	-	-	468	25	-	543
13-14	-	-	24	502	13	10	548
14-15	100	-	-	466	10	-	576
15-16	1	-	-	507	10	20	538
16-17	-	-	-	496	5	-	501
17-18	-	-	-	368	14	37	418
18-19	-	-	-	380	-	-	380
19-20	-	6	-	503	36	-	545
20-21	-	-	-	321	36	-	357
21-22	-	-	-	206	117	-	323
22-23	-	-	-	241	54	-	295
23-24	-	-	-	248	69	-	317
24-25	-	-	-	205	85	-	290
25-26	-	-	-	78	49	-	127
26-27	-	-	-	147	80	-	226
27-28	-	-	-	122	53	-	175
28-29	-	2	-	95	50	-	148
29-30	-	-	-	150	99	-	249
30-31	-	-	-	124	79	-	203
31-32	-	-	-	104	22	-	126
32-33	-	-	-	96	10	-	106
33-34	-	-	-	104	5	-	109
34+	-	-	1	691	432	11	1 135
Jungle	-	-	-	298	41	-	339
<b>Total</b>	<b>207</b>	<b>120</b>	<b>140</b>	<b>14 179</b>	<b>1 559</b>	<b>92</b>	<b>16 298</b>

Table A2.0 - Total for South Africa

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	21 000	13 369	5 436	2	202	40 010
0-1	30 719	20 929	6 436	175	237	58 497
1-2	32 057	20 766	6 330	123	465	59 741
2-3	30 996	19 352	6 473	166	75	57 062
3-4	32 545	16 062	8 437	60	51	57 154
4-5	30 441	20 364	9 991	65	270	61 131
5-6	31 554	16 248	9 569	132	200	57 703
6-7	22 343	13 578	9 918	115	197	46 151
7-8	17 612	11 656	8 865	59	146	38 339
8-9	13 342	10 348	9 000	150	49	32 890
9-10	8 817	7 948	6 328	67	30	23 189
10-11	9 839	6 338	5 395	53	144	21 769
11-12	6 973	4 929	3 658	14	242	15 816
12-13	6 143	5 282	2 097	44	86	13 652
13-14	4 438	3 273	1 998	11	99	9 819
14-15	4 407	2 328	1 419	91	47	8 293
15-16	3 593	851	722	53	31	5 249
16-17	1 158	728	246	85	12	2 230
17-18	1 156	509	186	77	77	2 004
18-19	813	660	94	93	33	1 693
19-20	960	1 102	31	67	113	2 273
20-21	542	675	25	49	24	1 315
21-22	452	388	34	11	18	903
22-23	404	187	22	37	7	656
23-24	494	147	12	16	21	690
24-25	234	243	61	6	16	561
25-26	171	497	2	-	33	703
26-27	31	65	6	-	29	131
27-28	79	61	5	35	23	202
28-29	26	78	-	23	16	143
29-30	98	111	50	6	34	299
30-31	123	43	-	4	5	174
31-32	52	108	-	13	79	252
32-33	35	53	-	8	3	99
33-34	86	48	-	-	25	159
34+	701	1 222	395	65	247	2 630
Jungle	114	228	813	33	74	1 264
<b>Total</b>	<b>314 549</b>	<b>200 775</b>	<b>104 055</b>	<b>2 009</b>	<b>3 458</b>	<b>624 845</b>

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

Age in Years	Area of Hardwood Species by Age Class					2008/2009
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 102	292	-	-	-	1 393
0-1	1 268	404	14	-	-	1 686
1-2	1 214	496	4	-	-	1 714
2-3	1 090	374	12	-	-	1 475
3-4	1 521	395	-	-	-	1 915
4-5	959	265	9	-	-	1 233
5-6	966	306	13	-	-	1 284
6-7	860	114	5	-	-	979
7-8	904	98	8	-	-	1 009
8-9	1 140	266	5	-	-	1 412
9-10	561	379	-	-	-	940
10-11	892	317	3	-	-	1 212
11-12	1 312	173	-	-	-	1 486
12-13	800	105	-	-	-	904
13-14	734	3	-	-	-	738
14-15	1 785	-	-	-	-	1 785
15-16	442	1	-	-	-	443
16-17	367	7	-	-	-	374
17-18	235	-	-	-	-	235
18-19	50	-	-	-	8	58
19-20	25	1	-	-	2	28
20-21	28	10	-	-	-	38
21-22	3	8	-	-	3	14
22-23	1	4	-	-	-	5
23-24	8	8	-	3	-	19
24-25	-	-	-	-	-	-
25-26	1	11	-	-	7	19
26-27	-	-	-	-	-	-
27-28	-	-	-	-	9	9
28-29	-	-	-	7	12	19
29-30	10	-	-	-	16	26
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	4	-	-	-	36	40
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>18 281</b>	<b>4 037</b>	<b>72</b>	<b>10</b>	<b>92</b>	<b>22 493</b>

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

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	3 501	802	-	-	9	4 312
0-1	6 986	786	19	-	-	7 791
1-2	6 359	664	-	-	-	7 023
2-3	5 646	554	-	-	-	6 200
3-4	5 225	266	-	-	-	5 491
4-5	4 980	554	-	-	-	5 533
5-6	7 803	312	-	-	-	8 116
6-7	3 313	202	-	-	-	3 515
7-8	3 520	230	-	-	-	3 750
8-9	2 116	183	-	-	-	2 299
9-10	1 438	175	-	-	-	1 612
10-11	3 037	53	-	-	-	3 090
11-12	1 689	63	-	-	-	1 751
12-13	1 862	94	-	-	-	1 956
13-14	1 431	9	-	-	-	1 441
14-15	991	34	-	-	-	1 025
15-16	2 258	55	-	-	-	2 312
16-17	374	19	-	-	-	393
17-18	409	45	-	-	7	460
18-19	474	262	-	-	-	736
19-20	691	54	-	-	1	746
20-21	401	16	-	-	16	434
21-22	402	15	-	-	14	431
22-23	320	8	-	8	-	335
23-24	298	1	-	-	11	310
24-25	194	21	-	-	1	217
25-26	155	21	-	-	2	178
26-27	25	12	-	-	3	41
27-28	7	18	-	30	0	56
28-29	13	7	-	2	-	22
29-30	74	28	-	-	-	102
30-31	51	-	-	-	-	51
31-32	33	1	-	-	-	34
32-33	15	8	-	-	-	23
33-34	48	6	-	-	19	73
34+	184	171	-	4	9	368
Jungle	61	36	-	-	-	97
<b>Total</b>	<b>66 382</b>	<b>5 784</b>	<b>19</b>	<b>44</b>	<b>92</b>	<b>72 320</b>

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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	310	-	-	-	310
0-1	-	70	59	-	-	129
1-2	42	335	-	-	-	377
2-3	-	628	-	-	-	628
3-4	-	401	-	-	-	401
4-5	56	470	-	-	-	526
5-6	29	626	-	-	-	655
6-7	-	440	39	-	-	479
7-8	-	122	-	-	-	122
8-9	-	207	-	-	-	207
9-10	-	51	-	-	-	51
10-11	10	137	-	-	-	147
11-12	303	51	-	-	-	354
12-13	69	63	-	-	-	132
13-14	-	69	-	-	-	69
14-15	-	148	-	-	-	148
15-16	-	-	-	-	-	-
16-17	-	3	-	-	-	3
17-18	-	46	-	-	-	46
18-19	-	14	-	-	-	14
19-20	-	93	-	-	-	93
20-21	-	11	-	-	-	11
21-22	-	11	-	-	-	11
22-23	-	10	-	-	-	10
23-24	3	2	-	-	-	5
24-25	-	101	-	-	-	101
25-26	-	12	-	-	-	12
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	1	-	-	-	1
29-30	-	40	-	-	-	40
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	-	-	-
Jungle	-	61	-	-	-	61
<b>Total</b>	<b>512</b>	<b>4 532</b>	<b>99</b>	<b>-</b>	<b>-</b>	<b>5 143</b>



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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 339	4 613	704	2	73	8 732
0-1	4 006	6 570	831	175	224	11 806
1-2	4 028	8 202	981	85	311	13 607
2-3	3 158	6 720	732	166	63	10 839
3-4	3 354	6 661	876	47	34	10 973
4-5	3 081	9 166	1 022	39	253	13 561
5-6	4 337	6 214	810	97	182	11 640
6-7	3 887	5 997	1 228	97	180	11 390
7-8	3 244	5 239	1 524	46	89	10 141
8-9	1 774	5 231	1 622	138	44	8 808
9-10	1 061	3 090	1 178	49	30	5 407
10-11	1 051	3 348	1 125	-	144	5 668
11-12	520	2 154	729	4	107	3 515
12-13	184	2 189	516	20	77	2 987
13-14	61	1 261	361	4	55	1 742
14-15	121	802	191	42	8	1 164
15-16	68	260	25	3	-	355
16-17	28	327	47	7	-	409
17-18	79	192	76	44	-	391
18-19	5	111	31	51	4	201
19-20	-	694	9	14	-	717
20-21	18	549	25	-	-	591
21-22	1	104	23	3	-	131
22-23	9	15	20	25	-	68
23-24	23	25	3	9	-	60
24-25	-	-	23	-	-	23
25-26	-	399	-	-	-	399
26-27	-	26	-	-	-	26
27-28	-	11	-	-	-	11
28-29	-	28	-	-	-	28
29-30	-	14	-	6	-	20
30-31	-	22	-	-	-	22
31-32	-	-	-	-	-	-
32-33	-	-	-	8	-	8
33-34	-	10	-	-	-	10
34+	-	221	7	22	12	262
Jungle	4	20	369	-	-	393
<b>Total</b>	<b>37 440</b>	<b>80 483</b>	<b>15 087</b>	<b>1 204</b>	<b>1 890</b>	<b>136 103</b>

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

Age in Years	Area of Hardwood Species by Age Class					2008/2009
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 371	-	-	-	-	2 371
0-1	672	488	-	-	-	1 161
1-2	486	9	-	-	-	495
2-3	288	472	-	-	-	760
3-4	1 109	-	-	-	-	1 109
4-5	97	-	-	-	-	97
5-6	42	-	-	-	-	42
6-7	-	-	-	-	-	-
7-8	140	-	-	-	-	140
8-9	66	-	-	-	-	66
9-10	53	-	-	-	-	53
10-11	135	257	-	-	-	393
11-12	187	-	-	-	-	187
12-13	162	50	-	-	-	211
13-14	32	-	-	-	-	32
14-15	84	41	-	-	-	125
15-16	59	3	-	-	-	62
16-17	49	-	-	-	-	49
17-18	-	-	-	-	-	-
18-19	43	-	-	-	-	43
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	-	-	-
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>6 075</b>	<b>1 319</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7 394</b>

Table A2.6 - Zone 6 Zululand

## Area of Hardwood Species by Age Class 2008/2009

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 775	69	258	-	94	2 196
0-1	7 893	308	286	-	-	8 487
1-2	8 005	218	250	-	154	8 627
2-3	9 913	246	303	-	-	10 461
3-4	8 694	244	326	-	-	9 264
4-5	9 161	325	229	-	-	9 715
5-6	8 100	426	335	-	-	8 861
6-7	5 524	291	308	-	8	6 131
7-8	2 975	71	207	-	-	3 252
8-9	1 869	133	150	-	5	2 158
9-10	636	102	257	-	-	995
10-11	387	27	140	-	-	554
11-12	155	19	25	-	-	199
12-13	84	-	61	-	-	145
13-14	13	4	-	-	1	18
14-15	10	12	-	-	-	22
15-16	35	-	-	-	1	36
16-17	20	4	-	-	-	24
17-18	43	-	-	-	-	43
18-19	-	-	-	-	-	-
19-20	3	20	-	-	-	23
20-21	35	-	-	-	-	35
21-22	6	-	-	-	1	8
22-23	34	-	-	-	-	34
23-24	15	-	-	-	-	15
24-25	15	-	-	-	-	15
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	2	-	-	-	-	2
29-30	2	-	-	-	-	2
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	5	-	-	-	5
33-34	-	-	-	-	5	5
34+	-	12	-	2	-	14
Jungle	-	-	5	-	50	55
<b>Total</b>	<b>65 404</b>	<b>2 535</b>	<b>3 140</b>	<b>2</b>	<b>320</b>	<b>71 401</b>

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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 915	2 422	2 013	-	1	8 351
0-1	5 206	5 648	3 296	-	4	14 155
1-2	4 936	4 924	2 980	-	-	12 840
2-3	4 848	4 531	3 687	-	-	13 066
3-4	5 698	3 667	4 622	13	11	14 011
4-5	5 127	4 980	5 723	21	1	15 853
5-6	4 838	3 669	5 481	35	1	14 023
6-7	3 444	2 550	5 197	18	4	11 213
7-8	2 503	2 036	5 382	13	-	9 934
8-9	2 584	1 671	4 868	11	-	9 133
9-10	1 889	1 606	2 933	18	-	6 445
10-11	1 728	931	1 905	22	-	4 586
11-12	1 049	896	1 718	8	7	3 678
12-13	1 461	1 018	684	16	-	3 178
13-14	1 055	1 035	697	4	-	2 791
14-15	543	698	435	44	5	1 724
15-16	70	185	152	39	-	446
16-17	77	38	79	64	3	261
17-18	36	14	36	22	1	109
18-19	62	36	11	42	-	151
19-20	39	96	2	40	2	178
20-21	10	10	-	43	-	63
21-22	1	15	3	7	-	26
22-23	21	4	2	5	-	32
23-24	51	26	9	4	-	90
24-25	1	3	9	1	-	13
25-26	2	-	2	-	-	4
26-27	-	2	-	-	-	2
27-28	-	-	-	6	-	6
28-29	1	-	-	14	-	15
29-30	-	-	-	-	-	-
30-31	-	-	-	4	-	4
31-32	-	-	-	-	-	-
32-33	-	1	-	-	-	1
33-34	26	-	-	-	-	26
34+	7	7	-	2	-	16
Jungle	22	-	81	-	-	103
<b>Total</b>	<b>51 249</b>	<b>42 717</b>	<b>52 004</b>	<b>514</b>	<b>39</b>	<b>146 524</b>

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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 251	1 986	1 973	-	12	5 222
0-1	2 579	3 343	1 569	-	9	7 500
1-2	3 316	2 735	1 750	4	-	7 805
2-3	2 902	2 496	1 451	-	12	6 861
3-4	3 031	2 200	1 707	-	6	6 944
4-5	2 498	2 201	1 695	5	14	6 413
5-6	2 633	2 582	1 737	-	17	6 969
6-7	2 496	2 021	1 923	-	-	6 440
7-8	2 008	2 274	1 327	-	51	5 660
8-9	1 555	1 249	1 795	-	-	4 599
9-10	1 178	613	1 145	-	-	2 936
10-11	770	424	1 811	-	-	3 005
11-12	392	229	646	-	-	1 266
12-13	322	68	322	-	-	712
13-14	369	110	299	2	-	780
14-15	41	109	86	-	-	235
15-16	83	43	40	-	-	166
16-17	8	33	64	15	-	119
17-18	5	43	61	7	-	115
18-19	37	-	-	-	-	37
19-20	1	-	-	12	-	12
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	2	-	-	-	7	9
23-24	-	-	-	-	-	-
24-25	-	-	-	5	-	5
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	3	-	-	-	-	3
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	4	-	-	-	-	4
Jungle	18	-	119	-	-	137
<b>Total</b>	<b>27 504</b>	<b>24 757</b>	<b>21 520</b>	<b>48</b>	<b>126</b>	<b>73 955</b>

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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 151	1 983	237	-	-	3 371
0-1	1 314	2 041	308	-	-	3 663
1-2	2 800	2 234	331	34	-	5 399
2-3	2 364	2 294	253	-	-	4 910
3-4	2 693	2 110	868	-	-	5 671
4-5	2 832	1 968	1 058	-	-	5 858
5-6	1 955	1 971	804	-	-	4 730
6-7	2 088	1 600	747	-	-	4 434
7-8	1 778	1 433	344	1	-	3 556
8-9	1 768	1 104	537	2	-	3 410
9-10	1 591	1 689	708	-	-	3 987
10-11	1 595	768	406	28	-	2 797
11-12	1 137	1 254	511	2	2	2 906
12-13	836	1 264	456	9	-	2 565
13-14	536	708	612	1	-	1 858
14-15	496	402	683	5	6	1 592
15-16	434	127	483	11	2	1 058
16-17	133	104	54	-	-	290
17-18	167	48	12	2	0	228
18-19	22	48	27	-	-	97
19-20	72	13	17	2	4	108
20-21	3	4	-	6	-	13
21-22	20	36	3	-	-	58
22-23	-	13	-	-	-	13
23-24	90	3	-	-	-	93
24-25	2	6	-	-	-	8
25-26	3	-	-	-	-	3
26-27	-	-	6	-	-	6
27-28	65	-	-	-	-	65
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	60	-	-	-	-	60
31-32	-	-	-	-	-	-
32-33	-	-	-	-	3	3
33-34	-	2	-	-	-	2
34+	415	75	1	5	1	496
Jungle	7	15	80	-	13	116
<b>Total</b>	<b>28 425</b>	<b>25 317</b>	<b>9 548</b>	<b>107</b>	<b>31</b>	<b>63 427</b>

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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 595	875	251	-	6	3 726
0-1	794	1 272	53	-	-	2 119
1-2	873	950	33	-	-	1 855
2-3	788	1 038	37	-	-	1 862
3-4	1 219	114	34	-	-	1 366
4-5	1 652	435	254	-	-	2 341
5-6	852	141	389	-	-	1 383
6-7	732	360	470	-	5	1 566
7-8	540	144	73	-	6	762
8-9	469	305	23	-	-	798
9-10	407	244	108	-	-	758
10-11	233	76	6	4	-	318
11-12	229	87	29	-	123	467
12-13	364	161	58	-	-	583
13-14	205	69	28	-	43	345
14-15	337	82	20	-	8	448
15-16	144	164	22	-	27	358
16-17	102	147	3	-	8	260
17-18	183	92	-	-	59	335
18-19	120	170	25	-	10	324
19-20	95	101	4	-	1	200
20-21	47	63	-	-	-	110
21-22	19	174	6	-	-	199
22-23	16	127	-	-	-	144
23-24	6	16	-	-	7	28
24-25	22	50	6	-	-	77
25-26	10	37	-	-	-	47
26-27	6	8	-	-	2	16
27-28	4	6	5	-	-	15
28-29	10	12	-	-	-	22
29-30	12	13	-	-	-	25
30-31	9	18	-	-	5	32
31-32	19	107	-	13	76	215
32-33	16	4	-	-	-	20
33-34	12	22	-	-	-	34
34+	15	57	199	-	19	290
Jungle	2	97	160	33	12	304
<b>Total</b>	<b>13 158</b>	<b>7 836</b>	<b>2 293</b>	<b>50</b>	<b>416</b>	<b>23 753</b>

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

**Area of Hardwood Species by Age Class 2008/2009**

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	18	-	-	8	26
0-1	-	-	-	-	-	-
1-2	-	-	-	-	-	-
2-3	-	-	-	-	-	-
3-4	-	4	4	-	-	8
4-5	-	-	-	-	2	2
5-6	-	-	-	-	-	-
6-7	-	3	-	-	-	3
7-8	-	11	-	-	-	11
8-9	-	-	-	-	-	-
9-10	-	-	-	-	-	-
10-11	-	-	-	-	-	-
11-12	-	-	-	-	3	3
12-13	-	269	-	-	9	278
13-14	-	4	-	-	-	4
14-15	-	-	4	-	20	24
15-16	-	13	-	-	-	13
16-17	-	46	-	-	1	47
17-18	-	29	-	-	10	39
18-19	-	6	-	-	12	18
19-20	35	25	-	-	103	163
20-21	-	11	-	-	7	18
21-22	-	10	-	-	-	10
22-23	-	-	-	-	-	-
23-24	-	38	-	-	2	41
24-25	-	62	24	-	16	102
25-26	-	15	-	-	25	40
26-27	-	17	-	-	23	40
27-28	-	20	-	-	14	34
28-29	-	30	-	-	4	34
29-30	-	16	50	-	18	84
30-31	-	3	-	-	-	3
31-32	-	-	-	-	4	4
32-33	4	35	-	-	1	39
33-34	-	10	-	-	-	10
34+	-	359	189	4	163	715
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>39</b>	<b>1 053</b>	<b>271</b>	<b>4</b>	<b>444</b>	<b>1 810</b>



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

**Area of Hardwood Species by Age Class 2008/2009**

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	4	-	-	-	-	4
10-11	-	-	-	-	-	-
11-12	-	4	-	-	-	4
12-13	-	-	-	-	-	-
13-14	1	2	-	-	-	3
14-15	-	-	-	-	-	-
15-16	-	-	-	-	-	-
16-17	-	-	-	-	-	-
17-18	-	-	1	2	-	3
18-19	1	14	-	-	-	15
19-20	-	5	-	-	-	5
20-21	-	1	-	-	-	1
21-22	-	16	-	-	-	16
22-23	-	5	-	-	-	5
23-24	-	29	-	-	-	29
24-25	-	-	-	-	-	-
25-26	-	1	-	-	-	1
26-27	-	-	-	-	-	-
27-28	2	5	-	-	-	7
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	1	1
34+	73	321	-	26	7	426
Jungle	-	-	-	-	-	-
<b>Total</b>	<b>80</b>	<b>403</b>	<b>2</b>	<b>27</b>	<b>8</b>	<b>521</b>

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	417 090	28	11 150	24	-	-	217 631	18	4 153	31	650 024
<i>E. grandis</i>	16 224	11	18 214	9	49 886	9	228 941	9	1 284	8	314 549
Other Eucalyptus	1 952	22	4 895	10	5 577	11	185 029	9	3 321	9	200 775
Wattle	836	10	3 700	10	1 265	9	97 660	10	593	9	104 055
Other Hardwoods	530	32	180	14	354	11	3 742	12	661	22	5 467
Totals	436 632		38 140		57 082		733 003		10 012		1 274 869

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	27 140	29	35	30	-	-	-	-	-	-	27 175
<i>E. grandis</i>	9 200	9	3 179	10	5 051	10	183	9	668	8	18 281
Other Eucalyptus	39	8	2 349	11	97	10	-	-	1 552	9	4 037
Wattle	-	-	-	-	-	-	-	-	72	10	72
Other Hardwoods	2	40	90	10	-	-	3	18	7	28	102
Totals	36 382		5 653		5 148		186		2 299		49 668

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	133 366	28	-	-	-	-	19 379	18	-	-	152 745
<i>E. grandis</i>	5 986	12	2 985	9	38 980	9	18 238	9	193	9	66 382
Other Eucalyptus	328	19	-	-	2 937	9	2 518	9	-	-	5 784
Wattle	-	-	-	-	-	-	19	8	-	-	19
Other Hardwoods	60	11	-	-	39	18	36	11	-	-	135
<b>Totals</b>	<b>139 741</b>		<b>2 985</b>		<b>41 956</b>		<b>40 190</b>		<b>193</b>		<b>225 065</b>

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

**Area according to main purpose for which trees are grown 2008/2009**

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	-	-	-	-	16 309	18	5	8	19 832
<i>E. grandis</i>	-	-	203	18	-	-	309	8	-	-	512
Other Eucalyptus	-	-	-	-	472	30	3 959	10	101	9	4 532
Wattle	-	-	-	-	-	-	99	10	-	-	99
Other Hardwoods	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>3 518</b>		<b>203</b>		<b>472</b>		<b>20 676</b>		<b>106</b>		<b>24 975</b>

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	63 633	26	-	-	-	-	68 043	18	1 998	30	133 674
<i>E. grandis</i>	535	17	574	9	2 912	9	33 419	9	-	-	37 440
Other Eucalyptus	218	25	-	-	1 473	9	77 452	9	1 340	9	80 483
Wattle	108	8	-	-	280	9	14 622	10	78	9	15 087
Other Hardwoods	7	10	-	-	51	11	2 746	11	289	25	3 094
Totals	64 500		574		4 716		196 282		3 705		269 777

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

**Area according to main purpose for which trees are grown 2008/2009**

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

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	5 264	27	-	-	-	-	426	17	-	-	5 690
<i>E. grandis</i>	56	16	136	9	125	9	65 084	9	3	9	65 404
Other Eucalyptus	-	-	-	-	-	-	2 535	9	-	-	2 535
Wattle	-	-	205	10	-	-	2 935	8	-	-	3 140
Other Hardwoods	1	30	-	-	3	16	262	9	56	9	322
Totals	5 322		341		128		71 241		59		77 091



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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	20 011	27	-	-	-	-	28 484	18	2	30	48 498
<i>E. grandis</i>	5	18	957	9	429	9	49 578	9	281	9	51 249
Other Eucalyptus	269	9	79	9	147	9	42 149	9	74	9	42 717
Wattle	445	10	2 295	10	207	11	48 992	10	66	10	52 004
Other Hardwoods	3	10	3	10	22	19	242	17	284	22	553
Totals	20 733		3 334		804		169 444		707		195 021

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	8 843	29	-	-	-	-	8 965	19	-	-	17 809
<i>E. grandis</i>	11	18	-	-	705	9	26 747	9	41	9	27 504
Other Eucalyptus	-	-	-	-	-	-	24 757	9	-	-	24 757
Wattle	-	-	-	-	196	10	20 994	10	330	9	21 520
Other Hardwoods	19	25	-	-	-	-	155	14	-	-	174
Totals	8 873		-		901		81 619		370		91 764

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	28 118	28	-	-	-	-	31 948	18	-	-	60 066
<i>E. grandis</i>	63	10	243	10	855	8	27 264	9	-	-	28 425
Other Eucalyptus	61	9	15	7	-	-	25 241	8	-	-	25 317
Wattle	8	10	-	-	40	7	9 500	10	-	-	9 548
Other Hardwoods	-	-	-	-	-	-	138	18	-	-	138
<b>Totals</b>	<b>28 250</b>		<b>258</b>		<b>895</b>		<b>94 090</b>		<b>-</b>		<b>123 493</b>

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	61 673	29	3 387	20	-	-	33 736	18	-	-	98 796
<i>E. grandis</i>	320	8	9 934	8	829	9	1 990	9	85	8	13 158
Other Eucalyptus	-	-	2 426	9	451	9	4 933	9	26	8	7 836
Wattle	9	8	1 200	9	543	9	496	11	45	9	2 293
Other Hardwoods	-	-	63	16	238	9	160	10	4	10	465
Totals	62 003		17 010		2 061		41 315		160		122 549

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	49 815	29	7 139	27	-	-	712	30	2 147	32	59 813
<i>E. grandis</i>	35	9	4	25	-	-	-	-	-	-	39
Other Eucalyptus	1 018	26	26	25	-	-	7	4	2	35	1 053
Wattle	267	10	-	-	-	-	4	4	-	-	271
Other Hardwoods	424	36	24	25	-	-	-	-	-	-	448
Totals	51 559		7 192		-		724		2 148		61 623

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

**Area according to main purpose for which trees are grown 2008/2009**

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	15 708	31	589	18	-	-	-	-	1	18	16 298
<i>E. grandis</i>	12	9	-	-	-	-	55	9	14	9	80
Other Eucalyptus	18	35	-	-	-	-	158	9	227	9	403
Wattle	-	-	-	-	-	-	-	-	2	10	2
Other Hardwoods	13	23	-	-	-	-	-	-	22	30	35
Totals	15 751		589		-		213		265		16 819

**Table A4.0 - Total for South Africa**

**Timber Products sold from Plantations 2008/2009**

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	2 846 309	58 467	-	3 273 176	24 356	21 890
	Pub	1 239 047	4 452	-	195 843	14 313	9 641
Total Softwoods		4 145 537	62 919	-	3 469 019	38 669	31 531
<i>E. grandis</i>	Pvt	166 642	175 406	380 235	3 833 630	5 655	28 798
	Pub	33 079	191 678	8 136	40 808	65 837	4 752
Total <i>E. grandis</i>		199 721	367 084	388 371	3 874 438	71 492	33 550
Other Gum	Pvt	24 660	25 216	18 242	2 359 080	22 754	628
	Pub	98	61 843	24 175	8 558	12 145	2
Total Other Gum		24 758	87 059	42 417	2 367 638	34 899	630
Wattle	Pvt	-	-	-	743 355	98 537	28 227
	Pub	-	1 920	-	7 020	4 880	-
Total Wattle		-	1 920	-	750 375	103 416	28 227
Other Hardwoods	Pvt	4 784	600	-	12 922	-	800
	Pub	-	-	-	-	1 515	-
Total Other Hardwoods		4 784	600	-	12 922	1 515	800
Totals	Pvt	3 102 576	259 689	398 477	10 222 163	151 302	80 343
	Pub	1 272 223	259 893	32 311	252 229	98 690	14 395
Total		4 374 799	519 582	430 788	10 474 392	249 992	94 738

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

**Timber Products sold from Plantations 2008/2009**

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	60 250	-	-	-	69	10 657
	Pub	134 646	-	-	11 093	8 771	563
Total Softwoods		194 896	-	-	11 093	8 840	11 220
<i>E. grandis</i>	Pvt	109 911	35 749	44 566	-	3 768	23 405
	Pub	-	33 189	-	-	3 842	-
Total <i>E. grandis</i>		109 911	68 938	44 566	-	7 610	23 405
Other Gum	Pvt	1 200	-	2 338	-	12 709	-
	Pub	-	43 269	-	-	1 923	-
Total Other Gum		1 200	43 269	2 338	-	14 632	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	1 515	-
Total Other Hardwoods		-	-	-	-	1 515	-
Totals	Pvt	171 361	35 749	46 904	-	16 546	34 062
	Pub	134 646	76 458	-	11 093	16 051	563
Total		306 007	112 207	46 904	11 093	32 597	34 625



**Table A4.2 - Zone 2 Mpumalanga North**

**Timber Products sold from Plantations 2008/2009**

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	594 660	1 457	-	411 316	-	-
	Pub	718 848	-	-	97 447	3 367	8 091
Total Softwoods		1 313 508	1 457	-	508 763	3 367	8 091
<i>E. grandis</i>	Pvt	44 428	44 663	288 571	398 685	138	4 852
	Pub	30 975	38 930	7 172	-	16 276	4 308
Total <i>E. grandis</i>		75 403	83 593	295 743	398 685	16 414	9 160
Other Gum	Pvt	860	329	7 207	41 712	-	477
	Pub	-	-	-	-	2 238	-
Total Other Gum		860	329	7 207	41 712	2 238	477
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	639 948	46 449	295 778	851 713	138	5 329
	Pub	749 823	38 930	7 172	97 447	21 881	12 399
Total		1 389 771	85 379	302 950	949 160	22 019	17 728

**Table A4.3 - Zone 3 Central Districts**

**Timber Products sold from Plantations 2008/2009**

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	-	-	-	228 042	-	-
	Pub	1 837	-	-	4 191	56	-
Total Softwoods		1 837	-	-	232 233	56	-
<i>E. grandis</i>	Pvt	-	-	-	203	-	-
	Pub	-	15	-	-	-	-
Total <i>E.grandis</i>		-	15	-	203	-	-
Other Gum	Pvt	-	-	-	29 198	-	-
	Pub	-	-	-	-	6 095	-
Total Other Gum		-	-	-	29 198	6 095	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	257 855	-	-
	Pub	1 837	15	-	4 191	6 151	-
Total		1 837	15	-	262 046	6 151	-

**Table A4.4 - Zone 4 Mpumalanga South**

**Timber Products sold from Plantations 2008/2009**

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	398 545	-	-	935 444	-	9 125
	Pub	258 506	-	-	30 246	1 935	-
Total Softwoods		657 051	-	-	965 690	1 935	9 125
<i>E. grandis</i>	Pvt	196	11 939	29 214	265 068	24	23
	Pub	-	-	964	10 000	-	-
Total <i>E. grandis</i>		196	11 939	30 178	275 068	24	23
Other Gum	Pvt	5 467	5 335	7 505	827 154	9 043	151
	Pub	-	-	24 175	8 087	971	-
Total Other Gum		5 467	5 335	31 680	835 241	10 014	151
Wattle	Pvt	-	-	-	39 249	7 800	5 597
	Pub	-	-	-	7 020	-	-
Total Wattle		-	-	-	46 269	7 800	5 597
Other Hardwoods	Pvt	-	-	-	-	-	800
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	800
Totals	Pvt	404 208	17 274	36 719	2 066 915	16 867	15 696
	Pub	258 506	-	25 139	55 353	2 905	-
Total		662 714	17 274	61 858	2 122 268	19 772	15 696

Table A4.5 - Zone 5 Maputaland

## Timber Products sold from Plantations 2008/2009

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	-	-	-	47 419	-	-
Total Softwoods		-	-	-	47 419	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	30 593	-	-
Total <i>E. grandis</i>		-	-	-	30 593	-	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	-	-	-
	Pub	-	-	-	78 012	-	-
Total		-	-	-	78 012	-	-

**Table A4.6 - Zone 6 Zululand**

**Timber Products sold from Plantations 2008/2009**

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	28 970	-	-	22 777	-	-
	Pub	9 120	-	-	-	-	-
Total Softwoods		38 090	-	-	22 777	-	-
<i>E. grandis</i>	Pvt	3 558	650	-	1 258 118	-	-
	Pub	-	-	-	-	42	-
Total <i>E. grandis</i>		3 558	650	-	1 258 118	42	-
Other Gum	Pvt	-	648	-	376 735	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	648	-	376 735	-	-
Wattle	Pvt	-	-	-	19 076	500	-
	Pub	-	-	-	-	34	-
Total Wattle		-	-	-	19 076	534	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	32 528	1 298	-	1 676 706	500	-
	Pub	9 120	-	-	-	76	-
Total		41 648	1 298	-	1 676 706	576	-

**Table A4.7 - Zone 7 KwaZulu-Natal Midlands**

**Timber Products sold from Plantations 2008/2009**

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	280 225	-	-	710 837	77	92
	Pub	-	-	-	-	-	-
Total Softwoods		280 225	-	-	710 837	77	92
<i>E. grandis</i>	Pvt	7 515	35 480	300	1 088 157	62	400
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		7 515	35 480	300	1 088 157	62	400
Other Gum	Pvt	3 334	8 483	1 192	502 867	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		3 334	8 483	1 192	502 867	-	-
Wattle	Pvt	-	-	-	523 238	8 013	21 561
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	523 238	8 013	21 561
Other Hardwoods	Pvt	4 145	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		4 145	-	-	-	-	-
Totals	Pvt	295 219	43 963	1 492	2 825 098	8 152	22 053
	Pub	-	-	-	-	-	-
Total		295 219	43 963	1 492	2 825 098	8 152	22 053

**Table A4.8 - Zone 8 Northern KwaZulu-Natal**

**Timber Products sold from Plantations 2008/2009**

Species		Sawlogs and Veneerlogs m <sup>3</sup>	Poles and Droppers m <sup>3</sup>	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	10 899	-	-	37 693	4 800	642
	Pub	25 981	-	-	4 675	-	987
Total Softwoods		36 880	-	-	42 368	4 800	1 629
<i>E. grandis</i>	Pvt	-	2 892	10 042	326 619	1 234	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	2 892	10 042	326 619	1 234	-
Other Gum	Pvt	-	722	-	131 136	959	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	722	-	131 136	959	-
Wattle	Pvt	-	-	-	88 655	81 924	827
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	88 655	81 924	827
Other Hardwoods	Pvt	-	-	-	5 320	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	5 320	-	-
Totals	Pvt	10 899	3 614	10 042	589 423	88 917	1 469
	Pub	25 981	-	-	4 675	-	987
Total		36 880	3 614	10 042	594 098	88 917	2 456

**Table A4.9 - Zone 9 Southern KwaZulu-Natal**

**Timber Products sold from Plantations 2008/2009**

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	216 669	-	-	581 495	6 820	1 232
	Pub	-	-	-	-	-	-
Total Softwoods		216 669	-	-	581 495	6 820	1 232
<i>E. grandis</i>	Pvt	495	27 772	969	496 780	365	118
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		495	27 772	969	496 780	365	118
Other Gum	Pvt	-	7 128	-	450 279	10	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	7 128	-	450 279	10	-
Wattle	Pvt	-	-	-	72 725	290	242
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	72 725	290	242
Other Hardwoods	Pvt	-	600	-	1 944	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	600	-	1 944	-	-
Totals	Pvt	217 164	35 499	969	1 603 222	7 485	1 592
	Pub	-	-	-	-	-	-
Total		217 164	35 499	969	1 603 222	7 485	1 592



**Table A4.11 - Zone 11 Eastern Cape**

**Timber Products sold from Plantations 2008/2009**

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	741 770	4 283	-	345 410	12 591	-
	Pub	75 993	1 155	-	73	184	-
Total Softwoods		817 763	5 438	-	345 482	12 775	-
<i>E. grandis</i>	Pvt	-	16 261	6 573	-	4	-
	Pub	2 104	119 544	-	215	45 677	444
Total <i>E. grandis</i>		2 104	135 805	6 573	215	45 681	444
Other Gum	Pvt	-	2 571	-	-	33	-
	Pub	98	18 574	-	-	919	2
Total Other Gum		98	21 145	-	-	952	2
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	1 920	-	-	4 696	-
Total Wattle		-	1 920	-	-	4 696	-
Other Hardwoods	Pvt	-	-	-	5 658	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	5 658	-	-
Totals	Pvt	741 770	23 115	6 573	351 068	12 628	-
	Pub	78 194	141 193	-	288	51 475	446
Total		819 964	164 308	6 573	351 356	64 103	446

**Table A4.12 - Zone 12 Southern Cape**

**Timber Products sold from Plantations 2008/2009**

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	484 400	41 156	-	162	-	142
	Pub	-	-	-	-	-	-
Total Softwoods		484 400	41 156	-	162	-	142
<i>E. grandis</i>	Pvt	539	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		539	-	-	-	-	-
Other Gum	Pvt	13 799	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		13 799	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	150	-
Total Wattle		-	-	-	-	150	-
Other Hardwoods	Pvt	639	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		639	-	-	-	-	-
Totals	Pvt	499 377	41 156	-	162	-	142
	Pub	-	-	-	-	150	-
Total		499 377	41 156	-	162	150	142

**Table A4.13 - Zone 13 Western Cape**

**Timber Products sold from Plantations 2008/2009**

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	90 102	11 572	-	-	-	-
	Pub	14 116	3 297	-	700	-	-
Total Softwoods		104 218	14 869	-	700	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	60	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	-	-	-	60	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	471	-	-
Total Other Gum		-	-	-	471	-	-
Wattle	Pvt	-	-	-	-	10	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	10	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	90 102	11 572	-	-	70	-
	Pub	14 116	3 297	-	1 171	-	-
Total		104 218	14 869	-	1 171	70	-

**Table A5.0 - Total for South Africa**

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	780	13 082	254	586	97	443	14 462
Hardwood	1 084	6 723	883	66	522	153	8 346
<b>Total</b>	<b>1 864</b>	<b>19 805</b>	<b>1 136</b>	<b>652</b>	<b>619</b>	<b>595</b>	<b>22 808</b>

Causes of fires:

	Area ha	%
Natural	738	4
Accidental	4 438	22
Arson	3 553	18
Unknown	11 077	56
	<u>19 805</u>	<u>100</u>

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

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	20	15	8	-	-	5	28
Hardwood	12	85	153	12	-	1	251
<b>Total</b>	<b>32</b>	<b>100</b>	<b>161</b>	<b>12</b>	<b>-</b>	<b>6</b>	<b>279</b>

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	5	5
Arson	85	85
Unknown	10	10
	<u>100</u>	<u>100</u>

**Table A5.2 - Zone 2 Mpumalanga North****Damage by fire and other causes****2008/2009**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	120	2 719	2	-	17	123	2 861
Hardwood	30	480	25	-	-	-	505
<b>Total</b>	<b>150</b>	<b>3 199</b>	<b>27</b>	<b>-</b>	<b>17</b>	<b>123</b>	<b>3 366</b>

## Causes of fires:

	Area ha	%
Natural	19	1
Accidental	157	5
Arson	18	1
Unknown	3 006	94
	<u>3 199</u>	<u>100</u>

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

**Damage by fire and other causes**

**2008/2009**

	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
	<u>1</u>	<u>100</u>

**Table A5.4 - Zone 4 Mpumalanga South****Damage by fire and other causes****2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	275	2 654	3	-	-	17	2 674
Hardwood	396	1 573	20	46	79	41	1 759
<b>Total</b>	<b>671</b>	<b>4 227</b>	<b>23</b>	<b>46</b>	<b>79</b>	<b>58</b>	<b>4 432</b>

## Causes of fires:

	Area ha	%
Natural	40	1
Accidental	505	12
Arson	751	18
Unknown	2 932	69
	<u>4 227</u>	<u>100</u>



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

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	-	-	-	-	-	-	-
Hardwood	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

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**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	17	146	-	-	-	-	146
Hardwood	27	662	-	-	-	-	662
<b>Total</b>	<b>44</b>	<b>808</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>808</b>

Causes of fires:

	Area ha	%
Natural	-	0
Accidental	749	93
Arson	25	3
Unknown	34	4
	<u>808</u>	<u>100</u>

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

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	41	143	82	1	1	124	350
Hardwood	186	2 009	439	3	81	62	2 594
<b>Total</b>	<b>227</b>	<b>2 151</b>	<b>521</b>	<b>4</b>	<b>82</b>	<b>186</b>	<b>2 944</b>

Causes of fires:

	Area	%
	ha	
Natural	17	1
Accidental	246	11
Arson	178	8
Unknown	1 710	79
	<u>2 151</u>	<u>100</u>

**Table A5.8 - Zone 8 Northern KwaZulu-Natal****Damage by fire and other causes****2008/2009**

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	36	146	9	-	-	-	155
Hardwood	333	1 285	136	-	77	39	1 537
<b>Total</b>	<b>369</b>	<b>1 431</b>	<b>145</b>	<b>-</b>	<b>77</b>	<b>39</b>	<b>1 692</b>

## Causes of fires:

	Area ha	%
Natural	37	3
Accidental	152	11
Arson	188	13
Unknown	1 053	74
	<u>1 431</u>	<u>100</u>

**Table A5.9 - Zone 9 Southern KwaZulu-Natal****Damage by fire and other causes****2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	87	1 335	120	260	79	37	1 832
Hardwood	90	193	109	5	285	10	602
<b>Total</b>	<b>177</b>	<b>1 528</b>	<b>229</b>	<b>265</b>	<b>364</b>	<b>47</b>	<b>2 434</b>

## Causes of fires:

	Area ha	%
Natural	-	0
Accidental	1 199	78
Arson	272	18
Unknown	57	4
	<u>1 528</u>	<u>100</u>

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

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	25	3 471	18	-	-	110	3 599
Hardwood	10	436	-	-	-	-	436
<b>Total</b>	<b>35</b>	<b>3 907</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>110</b>	<b>4 035</b>

Causes of fires:

	Area ha	%
Natural	4	0
Accidental	1 423	36
Arson	2 036	52
Unknown	444	11
	<u>3 907</u>	<u>100</u>

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

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	68	47	7	289	-	27	370
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>68</b>	<b>47</b>	<b>7</b>	<b>289</b>	<b>-</b>	<b>27</b>	<b>370</b>

Causes of fires:

	Area ha	%
Natural	20	43
Accidental	-	0
Arson	1	1
Unknown	26	56
	<u>47</u>	<u>100</u>

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

**Damage by fire and other causes**

**2008/2009**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	90	2 407	5	35	0	-	2 447
Hardwood	-	-	-	-	-	-	-
<b>Total</b>	<b>90</b>	<b>2 407</b>	<b>5</b>	<b>35</b>	<b>0</b>	<b>-</b>	<b>2 447</b>

Causes of fires:

	Area	
	ha	%
Natural	602	25
Accidental	1	0
Arson	-	0
Unknown	1 805	75
	<u>2 407</u>	<u>100</u>



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

**Conversion of existing plantation areas 2008/2009**

<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	4 275	118	235	3 235	7 862
	Pub	5	-	-	-	5
Total Softwood		4 280	118	235	3 235	7 868
Eucalyptus Species	Pvt	1 028	478	32	120	1 658
	Pub	8	59	-	5	72
Total Eucalyptus		1 036	538	32	125	1 731
Wattle	Pvt	74	1 704	4	176	1 958
	Pub	-	-	-	-	-
Total Wattle		74	1 704	4	176	1 958
Other Hardwood Species	Pvt	9	-	-	18	27
	Pub	-	-	-	-	-
Total Other Hardwood		9	-	-	18	27
	Pvt	1 111	5 979	596	3 549	11 506
	Pub	8	5	59	5	78
Total Conversion		1 119	5 985	655	3 554	11 584

**Table A6.1 - Zone 1 Limpopo Province**

**Conversion of existing plantation areas 2008/2009**

<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	16	-	117	-	133
	Pub	-	-	-	-	-
Total Softwood		16	-	117	-	133
Eucalyptus Species	Pvt	126	-	28	9	162
	Pub	-	-	-	5	5
Total Eucalyptus		126	-	28	14	167
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	126	16	-	9	295
	Pub	-	-	-	5	5
Total Conversion		126	16	-	14	300

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

**Conversion of existing plantation areas 2008/2009**

<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	1 220	-	-	20	1 240
	Pub	5	-	-	-	5
Total Softwood		1 225	-	-	20	1 245
Eucalyptus Species	Pvt	192	19	-	81	292
	Pub	8	-	-	-	8
Total Eucalyptus		200	19	-	81	300
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	192	1 220	19	101	1 531
	Pub	8	5	-	-	13
Total Conversion		200	1 225	19	101	1 544

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

**Conversion of existing plantation areas 2008/2009**

<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	85	-	-	-	85
	Pub	-	-	-	-	-
Total Softwood		85	-	-	-	85
Eucalyptus Species	Pvt	3	-	-	-	3
	Pub	-	59	-	-	59
Total Eucalyptus	3		59	-	-	62
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle	-	-		-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood	-	-	-		-	-
Total Conversion	Pvt	3	85	-	-	88
	Pub	-	-	59	-	59
Total Conversion	3	85	59	-	-	147

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

**Conversion of existing plantation areas 2008/2009**

<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	800	53	92	-	944
	Pub	-	-	-	-	-
Total Softwood		800	53	92	-	944
Eucalyptus Species	Pvt	231	168	-	-	399
	Pub	-	-	-	-	-
Total Eucalyptus		231	168	-	-	399
Wattle	Pvt	-	57	-	115	172
	Pub	-	-	-	-	-
Total Wattle		-	57	-	115	172
Other Hardwood Species	Pvt	9	-	-	-	9
	Pub	-	-	-	-	-
Total Other Hardwood		9	-	-	-	9
Total Conversion	Pvt	240	857	221	92	1 524
	Pub	-	-	-	-	-
Total Conversion		240	857	221	92	1 524

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

**Conversion of existing plantation areas 2008/2009**

<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 2008/2009**

<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	200	-	-	-
	Pub	-	-	-	-	-
Total Softwood		200	-	-	-	200
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	200	-	-	200
	Pub	-	-	-	-	-
Total Conversion		-	200	-	-	200

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

**Conversion of existing plantation areas 2008/2009**

<b><u>Converted from</u></b>	<b>Converted to</b>					<b>Total ha</b>	
	<b>Softwood Species ha</b>	<b>Eucalyptus Species ha</b>	<b>Wattle ha</b>	<b>Other Hardwood Species ha</b>	<b>Agriculture and Other Uses ha</b>		
Softwood Species	Pvt		1 190	41	-	3	1 233
	Pub		-	-	-	-	-
Total Softwood			1 190	41	-	3	1 233
Eucalyptus Species	Pvt	180		97	4	19	300
	Pub	-		-	-	-	-
Total Eucalyptus		180		97	4	19	300
Wattle	Pvt	67	1 213		4	26	1 310
	Pub	-	-		-	-	-
Total Wattle		67	1 213		4	26	1 310
Other Hardwood Species	Pvt	-	-	-		18	18
	Pub	-	-	-		-	-
Total Other Hardwood		-	-	-		18	18
Total Conversion	Pvt	247	2 402	138	8	66	2 861
	Pub	-	-	-	-	-	-
Total Conversion		247	2 402	138	8	66	2 861



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

**Conversion of existing plantation areas 2008/2009**

<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		225	2	2	-	229
	Pub		-	-	-	-	-
Total Softwood			225	2	2	-	229
Eucalyptus Species	Pvt	124		194	-	-	318
	Pub	-		-	-	-	-
Total Eucalyptus		124		194	-	-	318
Wattle	Pvt	7	142		-	30	179
	Pub	-	-		-	-	-
Total Wattle		7	142		-	30	179
Other Hardwood Species	Pvt	-	-	-		-	-
	Pub	-	-	-		-	-
Total Other Hardwood		-	-	-		-	-
Total Conversion	Pvt	131	367	196	2	30	726
	Pub	-	-	-	-	-	-
Total Conversion		131	367	196	2	30	726

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

**Conversion of existing plantation areas 2008/2009**

<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	510	11	25	-	546
	Pub	-	-	-	-	-
Total Softwood		510	11	25	-	546
Eucalyptus Species	Pvt	145	-	-	13	157
	Pub	-	-	-	-	-
Total Eucalyptus		145	-	-	13	157
Wattle	Pvt	-	292	-	5	297
	Pub	-	-	-	-	-
Total Wattle		-	292	-	5	297
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	145	802	11	25	1 001
	Pub	-	-	-	-	-
Total Conversion		145	802	11	25	1 001

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

**Conversion of existing plantation areas 2008/2009**

<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	30	11	-	3 167	3 208
	Pub	-	-	-	-	-
Total Softwood		30	11	-	3 167	3 208
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	11	-	-	3 208
	Pub	-	-	-	3 167	-
Total Conversion		30	11	-	3 167	3 208

**Table A6.12 - Zone 12 Southern Cape**

**Conversion of existing plantation areas 2008/2009**

<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	28	-	-	-	28
	Pub	-	-	-	-	-
Total Eucalyptus		28	-	-	-	28
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	28	-	-	-	28
	Pub	-	-	-	-	-
Total Conversion		28	-	-	-	28

**Table A6.13 - Zone 13 Western Cape**

**Conversion of existing plantation areas 2008/2009**

<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	-	-	-	45	45
	Pub	-	-	-	-	-
Total Softwood		-	-	-	45	45
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	-	-	45	45
	Pub	-	-	-	-	-
Total Conversion		-	-	-	45	45

**Table A7.0 - Total for South Africa****New afforestation according to species and purpose****2008/2009**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	715	-	-	27	742	34
	Pub	-	-	-	-	-	-
Total Sawlogs		715	-	-	27	742	34
Poles	Pvt	-	115	-	-	115	5
	Pub	-	-	-	-	-	-
Total Poles		-	115	-	-	115	5
Mining timber	Pvt	-	-	18	-	18	1
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	18	-	18	1
Pulpwood	Pvt	27	732	536	-	1 295	60
	Pub	-	-	-	-	-	-
Total Pulpwood		27	732	536	-	1 295	60
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	742	847	553	27	2 169	100
	Pub	-	-	-	-	-	-
Total All		742	847	553	27	2 169	100

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

**New afforestation according to species and purpose**

**2008/2009**

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 A7.2 - Zone 2 Mpumulanga North**

**New afforestation according to species and purpose**

**2008/2009**

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



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

**New afforestation according to species and purpose**

**2008/2009**

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

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

**New afforestation according to species and purpose**

**2008/2009**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	145	-	-	-	145	35
	Pub	-	-	-	-	-	-
Total Sawlogs		145	-	-	-	145	35
Poles	Pvt	-	26	-	-	26	6
	Pub	-	-	-	-	-	-
Total Poles		-	26	-	-	26	6
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	25	123	95	-	243	59
	Pub	-	-	-	-	-	-
Total Pulpwood		25	123	95	-	243	59
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	170	149	95	-	414	100
	Pub	-	-	-	-	-	-

**Table A7.5 - Zone 5 Maputaland**

**New afforestation according to species and purpose**

**2008/2009**

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 A7.6 - Zone 6 Zululand**

**New afforestation according to species and purpose**

**2008/2009**

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	-	288	-	-	288	100
	Pub	-	-	-	-	-	-
Total Pulpwood		-	288	-	-	288	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	-	288	-	-	288	100
	Pub	-	-	-	-	-	-
Total All		-	288	-	-	288	100

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

**New afforestation according to species and purpose**

**2008/2009**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	45	-	-	45	16
	Pub	-	-	-	-	-	-
Total Poles		-	45	-	-	45	16
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	96	132	-	228	84
	Pub	-	-	-	-	-	-
Total Pulpwood		-	96	132	-	228	84
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	-	140	132	-	272	100
	Pub	-	-	-	-	-	-
Total All		-	140	132	-	272	100

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

**New afforestation according to species and purpose**

**2008/2009**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	556	-	-	27	583	54
	Pub	-	-	-	-	-	-
Total Sawlogs		556	-	-	27	583	54
Poles	Pvt	-	24	-	-	24	2
	Pub	-	-	-	-	-	-
Total Poles		-	24	-	-	24	2
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	173	309	-	482	44
	Pub	-	-	-	-	-	-
Total Pulpwood		-	173	309	-	482	44
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	556	197	309	27	1 089	100
	Pub	-	-	-	-	-	-

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

**New afforestation according to species and purpose**

**2008/2009**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	10	-	-	-	10	10
	Pub	-	-	-	-	-	-
Total Sawlogs		10	-	-	-	10	10
Poles	Pvt	-	20	-	-	20	20
	Pub	-	-	-	-	-	-
Total Poles		-	20	-	-	20	20
Mining timber	Pvt	-	-	18	-	18	17
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	18	-	18	17
Pulpwood	Pvt	2	53	-	-	55	53
	Pub	-	-	-	-	-	-
Total Pulpwood		2	53	-	-	55	53
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	12	73	18	-	102	100
	Pub	-	-	-	-	-	-

**Table A7.11 - Zone 11 Eastern Cape**

**New afforestation according to species and purpose**

**2008/2009**

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 A7.12 - Zone 12 Southern Cape**

**New afforestation according to species and purpose**

**2008/2009**

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 A7.13 - Zone 13 Western Cape**

**New afforestation according to species and purpose**

**2008/2009**

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
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		-	-	-	-	-	-
Total All	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**

**2008/2009**

Zone	Number of Plants	Companies and Close Corporations	Individuals and Partnerships	State and Local Authorities
1	35	18	17	-
2	34	29	5	-
3	10	9	1	-
4	17	16	1	-
5	-	-	-	-
6	8	8	-	-
7	21	19	2	-
8	12	9	3	-
9	10	10	-	-
11	14	11	3	-
12	10	8	-	2
13	20	16	3	1
<b>Total</b>	<b>191</b>	<b>153</b>	<b>35</b>	<b>3</b>

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

**2008/2009**

Intake (m <sup>3</sup> )	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	34	1.9	4	32.3	28	12.5	4	2.1	1	0.0	-	-	1	0.7
5001 - 10 000	13	2.4	-	-	8	13.2	2	2.9	2	0.1	-	-	-	-
10 001 - 20 000	16	5.4	2	67.7	4	10.0	2	5.6	-	-	-	-	1	9.2
20 001 - 50 000	16	12.8	-	-	6	50.0	3	20.4	-	-	1	100.0	1	15.3
50 001 - 100 000	9	15.8	-	-	1	14.3	5	69.0	3	2.0	-	-	-	-
100 001 - 150 000	8	23.6	-	-	-	-	-	-	-	-	-	-	-	-
150 001 - 200 000	2	9.1	-	-	-	-	-	-	2	3.6	-	-	1	74.8
> 200 000	4	29.2	-	-	-	-	-	-	8	94.3	-	-	-	-
<b>Total</b>	<b>102</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>47</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>	<b>16</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**2008/2009**

Asset Category	Rand	% of total
Land, Buildings and Housing	1 995 398 589	12.7
Machinery, Equipment and Furniture	13 339 265 418	85.2
Vehicles	215 372 240	1.4
Other	104 860 255	0.7
Total Fixed Assets	15 654 896 502	100.0

**Table B13.0** -Value of Fixed Assets per Sector**2008/2009**

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	525 912 897	0	58 979 004	7 280 804	1 259 106 207	25 247 000	118 872 677
Machinery, Equipment and Furniture	1 151 462 827	10 150 688	68 392 830	37 194 579	11 591 469 488	62 118 000	418 477 006
Vehicles	142 655 990	2 311 417	28 439 624	6 862 755	20 123 909	5 266 000	9 712 545
Other	8 539 185	0	458 697	7 334	80 290 377	0	15 564 662
<b>Total</b>	<b>1 828 570 899</b>	<b>12 462 105</b>	<b>156 270 155</b>	<b>51 345 472</b>	<b>12 950 989 981</b>	<b>92 631 000</b>	<b>562 626 890</b>

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

**Roundwood Processed or Transferred In 2008/2009**

		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	3 473 891	44 322	90 453	-	-	2 582 364	2 582 364	25 539	26 305	-	-	7 756
	Pub	178 243	-	-	-	-	-	-	-	-	-	-	3 896
	Tot	3 652 134	44 322	90 453	-	-	2 582 364	2 582 364	25 539	26 305	-	-	11 652
<i>E. grandis</i>	Pvt	423 002	-	329 189	510 696	750 723	2 252 849	3 311 688	-	-	4 680	6 880	18 309
	Pub	-	-	2 534	-	-	-	-	-	-	-	-	-
	Tot	423 002	-	331 723	510 696	750 723	2 252 849	3 311 688	-	-	4 680	6 880	18 309
Other gum species	Pvt	13 419	-	19 920	6 290	7 863	4 599 567	5 749 459	-	-	131 182	163 977	16
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 419	-	19 920	6 290	7 863	4 599 567	5 749 459	-	-	131 182	163 977	16
Wattle species	Pvt	-	-	-	-	-	1 090 387	1 240 860	-	-	81 896	93 198	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 090 387	1 240 860	-	-	81 896	93 198	-
Other Hardwood Species	Pvt	60	2 662	-	-	-	10 929	13 661	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60	2 662	-	-	-	10 929	13 661	-	-	-	-	-
Total	Pvt	3 910 372	46 984	439 561	516 986	758 586	10 536 096	12 898 033	25 539	26 305	217 758	264 055	26 081
	Pub	178 243	-	2 534	-	-	-	-	-	-	-	-	3 896
	Tot	4 088 615	46 984	442 095	516 986	758 586	10 536 096	12 898 033	25 539	26 305	217 758	264 055	29 977



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

**Roundwood Processed or Transferred In 2008/2009**

		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	255 412	-	2	-	-	464	464	-	-	-	-	7 756
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	255 412	-	2	-	-	464	464	-	-	-	-	7 756
<i>E. grandis</i>	Pvt	196 762	-	52 104	46 343	68 124	-	-	-	-	-	-	2 635
	Pub	-	-	2 534	-	-	-	-	-	-	-	-	-
	Tot	196 762	-	54 638	46 343	68 124	-	-	-	-	-	-	2 635
Other gum species	Pvt	13 376	-	5 980	-	-	-	-	-	-	102 435	128 044	16
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 376	-	5 980	-	-	-	-	-	-	102 435	128 044	16
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	60 404	68 740	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	60 404	68 740	-
Other Hardwood Species	Pvt	60	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	60	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	465 610	-	58 086	46 343	68 124	464	464	-	-	162 839	196 784	10 407
	Pub	-	-	2 534	-	-	-	-	-	-	-	-	-
	Tot	465 610	-	60 620	46 343	68 124	464	464	-	-	162 839	196 784	10 407

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

**Roundwood Processed or Transferred In 2008/2009**

		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	1 439 847	31 795	-	-	-	1 153 994	1 153 994	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 439 847	31 795	-	-	-	1 153 994	1 153 994	-	-	-	-	-
<i>E. grandis</i>	Pvt	220 560	-	42 650	385 925	567 310	234 469	344 669	-	-	-	-	10 234
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	220 560	-	42 650	385 925	567 310	234 469	344 669	-	-	-	-	10 234
Other gum species	Pvt	-	-	9 185	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	9 185	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	1 660 407	31 795	51 835	385 925	567 310	1 388 463	1 498 663	-	-	-	-	10 234
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 660 407	31 795	51 835	385 925	567 310	1 388 463	1 498 663	-	-	-	-	10 234

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

**Roundwood Processed or Transferred In 2008/2009**

		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	-	-	31 054	31 054	25 539	26 305	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	591	-	4 800	-	-	31 054	31 054	25 539	26 305	-	-	-
<i>E. grandis</i>	Pvt	-	-	45 611	-	-	89 793	131 996	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	45 611	-	-	89 793	131 996	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	148 642	185 803	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	148 642	185 803	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	591	-	50 411	-	-	269 489	348 852	25 539	26 305	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	591	-	50 411	-	-	269 489	348 852	25 539	26 305	-	-	-

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

**Roundwood Processed or Transferred In 2008/2009**

		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	372 594	-	-	-	-	19 300	19 300	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	372 594	-	-	-	-	19 300	19 300	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	20 051	46 400	68 208	53 729	78 982	-	-	-	-	2 100
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	20 051	46 400	68 208	53 729	78 982	-	-	-	-	2 100
Other gum species	Pvt	-	-	-	6 290	7 863	147 210	184 013	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	6 290	7 863	147 210	184 013	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	372 594	-	20 051	52 690	76 071	220 239	282 294	-	-	-	-	2 100
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	372 594	-	20 051	52 690	76 071	220 239	282 294	-	-	-	-	2 100

**Table B14.5** Zone 5 Maputaland

**Roundwood Processed or Transferred In 2008/2009**

		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	3 896	-	-	-	-	-	-	-	-	-	-	3 896
	Tot	3 896	-	-	-	-	-	-	-	-	-	-	3 896
<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	3 896	-	-	-	-	-	-	-	-	-	-	3 896
	Tot	3 896	-	-	-	-	-	-	-	-	-	-	3 896

**Table B14.6** Zone 6 Zululand

**Roundwood Processed or Transferred In 2008/2009**

		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	5 867	-	-	-	-	408 023	408 023	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 867	-	-	-	-	408 023	408 023	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	10 000	-	-	803 981	1 181 852	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	10 000	-	-	803 981	1 181 852	-	-	-	-	-
Other gum species	Pvt	-	-	1 348	-	-	3 033 545	3 791 931	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	1 348	-	-	3 033 545	3 791 931	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	965 937	1 099 236	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	965 937	1 099 236	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	10 929	13 661	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	10 929	13 661	-	-	-	-	-
Total	Pvt	5 867	-	11 348	-	-	5 222 415	6 494 704	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 867	-	11 348	-	-	5 222 415	6 494 704	-	-	-	-	-

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

**Roundwood Processed or Transferred In 2008/2009**

		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	227 297	2 985	2 502	-	-	615 895	615 895	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	227 297	2 985	2 502	-	-	615 895	615 895	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	91 708	-	-	173 313	254 770	-	-	4 680	6 880	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	91 708	-	-	173 313	254 770	-	-	4 680	6 880	-
Other gum species	Pvt	43	-	-	-	-	182 973	228 716	-	-	20 747	25 934	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	43	-	-	-	-	182 973	228 716	-	-	20 747	25 934	-
Wattle species	Pvt	-	-	-	-	-	1 286	1 463	-	-	9 492	10 802	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 286	1 463	-	-	9 492	10 802	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	227 340	2 985	94 210	-	-	973 467	1 100 845	-	-	34 919	43 616	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	227 340	2 985	94 210	-	-	973 467	1 100 845	-	-	34 919	43 616	-

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

**Roundwood Processed or Transferred In 2008/2009**

		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	65 960	-	9 600	-	-	1 404	1 404	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	65 960	-	9 600	-	-	1 404	1 404	-	-	-	-	-
<i>E. grandis</i>	Pvt	600	-	2 400	32 028	47 081	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	600	-	2 400	32 028	47 081	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	8 000	10 000	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	8 000	10 000	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	12 000	13 656	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	12 000	13 656	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	66 560	-	12 000	32 028	47 081	1 404	1 404	-	-	20 000	23 656	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	66 560	-	12 000	32 028	47 081	1 404	1 404	-	-	20 000	23 656	-



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

**Roundwood Processed or Transferred In 2008/2009**

		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	344 614	-	-	-	-	349 706	349 706	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	344 614	-	-	-	-	349 706	349 706	-	-	-	-	-
<i>E. grandis</i>	Pvt	5 080	-	58 348	-	-	897 564	1 319 419	-	-	-	-	2 800
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 080	-	58 348	-	-	897 564	1 319 419	-	-	-	-	2 800
Other gum species	Pvt	-	-	-	-	-	1 087 197	1 358 996	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 087 197	1 358 996	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	123 164	140 161	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	123 164	140 161	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	349 694	-	58 348	-	-	2 457 631	3 168 282	-	-	-	-	2 800
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	349 694	-	58 348	-	-	2 457 631	3 168 282	-	-	-	-	2 800

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

**Roundwood Processed or Transferred In 2008/2009**

		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	353 893	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	353 893	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	6 317	-	-	-	-	-	-	-	-	540
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	6 317	-	-	-	-	-	-	-	-	540
Other gum species	Pvt	-	-	3 407	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	3 407	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	353 893	-	9 724	-	-	-	-	-	-	-	-	540
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	353 893	-	9 724	-	-	-	-	-	-	-	-	540

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

**Roundwood Processed or Transferred In 2008/2009**

		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	264 784	4 922	59 316	-	-	2 524	2 524	-	-	-	-	-
	Pub	146 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	411 297	4 922	59 316	-	-	2 524	2 524	-	-	-	-	-
<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	264 784	4 922	59 316	-	-	2 524	2 524	-	-	-	-	-
	Pub	146 513	-	-	-	-	-	-	-	-	-	-	-
	Tot	411 297	4 922	59 316	-	-	2 524	2 524	-	-	-	-	-

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

**Roundwood Processed or Transferred In 2008/2009**

		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	143 032	4 620	14 233	-	-	-	-	-	-	-	-	-
	Pub	27 834	-	-	-	-	-	-	-	-	-	-	-
	Tot	170 866	4 620	14 233	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	2 662	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	2 662	-	-	-	-	-	-	-	-	-	-
Total	Pvt	143 032	7 282	14 233	-	-	-	-	-	-	-	-	-
	Pub	27 834	-	-	-	-	-	-	-	-	-	-	-
	Tot	170 866	7 282	14 233	-	-	-	-	-	-	-	-	-

**Table B15.0** Value of Roundwood Purchased or Transferred In**2008/2009**

Product	Private Sector	Public Sector	Total Purchase Value
	Rand	Rand	Rand
Sawlogs and Veneerlogs	1 700 980 414	80 611 043	1 781 591 457
Wooden Poles	225 087 849	265 917	225 353 766
Mining Timber	143 421 028	-	143 421 028
Pulpwood	4 514 142 241	-	4 514 142 241
Matchwood	17 977 462	-	17 977 462
Roundwood for Charcoal	22 344 962	-	22 344 962
<b>Total</b>	<b>6 623 953 956</b>	<b>80 876 960</b>	<b>6 704 830 916</b>
Roundwood in transit*	2 045 711	250 000	2 295 711

\* Roundwood purchased but not processed by plant

**Table B16.0** Value of Sales and/or Transfers-out of Timber and Timber Products**2008/2009**

Product	Value Rand
Sawn and Planed timber	4 240 188 012
Wooden Poles	546 052 201
Mining Timber	649 632 382
Wood-based Panel Products	1 891 041 092
Woodpulp, Paper and Paper Products	10 665 468 971
Firewood	1 615 941
Wood Chips (from roundwood)	1 940 816 782
Mill Residues	80 316 734
Charcoal	44 112 000
Other timber Products	316 783 132
<b>Total</b>	<b>20 376 027 247</b>
Roundwood in Transit*	28 046 871

\*Roundwood not processed by plant

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

**2008/2009**

Product	Softwood	Hardwood	Total
	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>
Sawn and Planed timber			
For building products	1 148 004	34 415	1 182 419
For furniture products	240 364	33 555	273 919
For other products	364 903	54 347	419 250
Total Sawn and Planed timber	<u>1 753 271</u>	<u>122 317</u>	<u>1 875 588</u>
Wooden Poles			
Transmission poles	831	203 277	204 108
Telephone poles	374	8 377	8 751
Other poles	70 979	164 838	235 817
Total Wooden Poles	<u>72 184</u>	<u>376 492</u>	<u>448 676</u>
	<u>tons</u>	<u>tons</u>	<u>tons</u>
Mining Timber for supports	-	463 970	463 970
Other Products			
Wood chips	226 474	3 268 738	3 495 212
Charcoal	-	13 859	13 859
Mill residues	338 333	47 637	385 970
Firewood	10 097	20 890	30 987
Roundwood in transit*	32 848	13 996	46 844

\*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

**2008/2009**

Product	Softwood m <sup>3</sup>	Hardwood m <sup>3</sup>	Total m <sup>3</sup>
Sawn and Planed timber			
For building products	1 159 275	34 995	1 194 270
For furniture products	249 467	33 555	283 022
For other products	376 708	54 347	431 055
Total Sawn and Planed timber	<u>1 785 450</u>	<u>122 897</u>	<u>1 908 347</u>
Wooden Poles			
Transmission poles	831	203 277	204 108
Telephone poles	374	8 377	8 751
Other poles	69 010	160 764	229 774
Total Wooden Poles	<u>70 215</u>	<u>372 418</u>	<u>442 633</u>
	<u>tons</u>	<u>tons</u>	<u>tons</u>
Mining Timber for supports	-	463 324	463 324
Other Products			
Wood chips	226 474	3 382 153	3 608 627
Charcoal	-	13 865	13 865
Mill residues	338 732	47 481	386 213
Firewood	10 097	20 890	30 987
Roundwood in transit*	30 500	14 012	44 512

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



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

**2008/2009**

Woodbased Panel Products		m <sup>3</sup>
Veneer	Own use	9 780
	Sold	9 511
Plywood	Own use	360
	Sold	64 340
Blockboard, Laminboard and Battenboard	Sold	7 650
Particle Board and Chipboard	Sold	462 072
Fibreboard		
Compressed	Sold	71 515
Non-compressed	Sold	-
Woodpulp		tons
Mechanical Pulp	Own use	80 845
	Sold	202 690
Semi-Chemical Pulp	Own use	127 363
	Sold	298 931
Chemical Pulp	Own use	425 948
	Sold	592 959
Dissolving Pulp	Own use	-
	Sold	550 961