

Commercial Timber Resources and Roundwood Processing in South Africa

2003/2004



REPUBLIC OF SOUTH AFRICA

**DEPARTMENT OF WATER AFFAIRS AND FORESTRY
CHIEF DIRECTORATE FORESTRY**

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

2003 / 2004

Compiled on behalf of the
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by
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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 2003/2004.

The Department of Water Affairs and Forestry, Directorate: Forest Policy has commissioned a private sector enterprise to perform the task of gathering and reporting on this information, on its behalf. This is the fourth 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 considerably compared with the two previous Reports. This Report contains the information supplied from a total of 1 325 plantation returns (2003: 1 315) and 185 roundwood timber processing returns (2003: 194). The reason for the slight increase 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 2003 to June 2004.

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 are 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 CC 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
May 2005

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STATISTICS IN BRIEF

Commercial Timber Resources

(2002/2003 figures are shown in brackets)

- The total commercial timber plantation area in 2004 was 1 339 282 hectares (2003: 1 371 624 ha).
- Private sector ownership accounts for 77% (78%) of the total plantation area.
- Softwood species cover 51% (52%) of the area and hardwood species cover 49% (48%).
- 54% (57%) of the plantation area is managed mainly for pulpwood production, 37% (36%) for sawlog purposes and 6% (4%) for mining timber with the remaining 3% (3%) for other purposes.
- During the 2003/2004 year 11 199 512 tons (10 093 163 tons) were sold as pulpwood, 5 131 944 m³ (5 235 844 m³) as sawlogs and 706 534 tons (559 345 tons) as mining timber.
- The conversion from forestry to other agricultural use was 4 585 hectares (4 971 ha) whilst new afforestation amounted to 1 995 hectares (7 418 ha)

Primary Roundwood Processing

(2002/2003 figures are shown in brackets)

- 203 (194) plants were in operation, of which 108 (109) were sawmills (including veneer and plywood plants), 45 (42) pole treating plants, 24 (22) pulp and board mills and chipping plants and 15 (15) mining timber mills.
- The total roundwood intake during the year was 22 553 020 m³ (20 659 355 m³).
- The delivered at mill cost of the total roundwood intake was R4 216 million (R4 080 million).
- The value of sales of timber products totalled R14 815 million (R14 591 million).
- An amount of some R20 746 million (R18 943 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.

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
Gazankulu	Soutpansberg
Lebowa	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	Vulindlela
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	Siphageni
Keiskammahoek	St Marks
King William's Town	Stockenström
Komga	Stutterheim
Kwa-bhaca	Tabankulu
Libode	Tsolo
Lusikisiki	Umtata
Maclear	Umzimkulu
Maxesibeni	Xalanga

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 ³	=	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 = 0.94m³

Pulpwood 1 ton = 1.0m³

Eucalyptus grandis

Sawlogs 1 ton = 0.94m³

Pulpwood 1 ton = 1.47m³

Other Gum Species

Sawlogs 1 ton = 0.78m³

Pulpwood 1 ton = 1.25m³

Wattle 1 ton = 1.138m³

Poplar 1 ton = 1.03m³

COMPARISON OF 2003/2004 WITH 2002/2003

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 2003/2004 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 2003/2004 reported area of 1 339 282 hectares is 32 342 hectares, 2.4%, less than the 1 371 624 hectares reported for 2002/2003.

A comparison, by province, of the 2002/2003 reported plantation area and the area included in this Report is given in the table below.

Province	2004		2003		Difference
	Plantation Area		Plantation Area		
	Hectares	%	Hectares	%	Hectares
Limpopo Province	60 451	4.5	64 326	4.7	(3 875)
Mpumalanga	526 212	39.3	553 145	40.3	(26 933)
North West Province	107	0.0	107	0.0	0
Free State	-	-	-	-	-
KwaZulu-Natal	538 474	40.2	543 210	39.6	(4 736)
Eastern Cape	152 378	11.4	150 363	11.0	2 015
Western Cape	61 660	4.6	60 473	4.4	1 187
Total	1 339 282	100.0	1 371 624	100.0	(32 342)

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.

Purpose	2004		2003	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	69	3	65	4
Pulpwood	30	81	34	82
Mining Timber	-	12	-	9
Other	1	4	1	5
Total	100	100	100	100

Timber sold as mining timber has again experienced an increase over the past reporting period and this has been confirmed in this Report by an increase of 20% 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 2003/2004 and 2002/2003 is shown in the table below.

Product	2004	2003
Sawlogs	5 131 944 m ³	5 235 844 m ³
Poles	497 334 m ³	487 828 m ³
Mining Timber	706 534 tons	559 345 tons
Pulpwood	11 199 512 tons	10 093 163 tons
Charcoal & Firewood	211 500 tons	173 921 tons
Other	128 319 tons	103 942 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 higher sales volumes, were the devastating fires that occurred within this reporting period. The marginally higher sales volumes, 7.3%, 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 considerably higher than the reported volume purchased by sawmills. Conversely the volume of pulpwood purchased was well 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 1.55 million tons. This is a decrease of 0.31 million tons compared with the previous year. It is a known fact that in the given reporting period 2003/2004, hardwood stockpiles of pulpwood had increased and could account for some of this difference, as the plantation owners would have sold their timber to the co-operative's depot or holding area before transferring it to the buyers. 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 380 000 m³ of the sawlog volume difference can be offset against the pulpwood difference, a plantation area of between 60 000 hectares and 84 000 hectares, in cycle, would be needed to support this annual timber volume difference. This area represents between 4.5% and 6.3% of the 1 339 282 hectares reported in this publication.

If the same offset assumption is made for the sawlog volume difference of 0.43 million cubic metres, the sawn timber production and sales volume are understated by between 360 000 cubic metres and say 430 000 cubic metres. This volume of sawn timber would have a value in the range of R80 million and R92 million, which represents approximately 0.6% of the reported industry sales value of R14 815 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 is:

- (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 1.1% of the area was under commercial plantations in 2004.

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 77% (1 033 320 ha) is under private sector ownership whilst the other 23% (305 962 ha) is under public ownership. The extent of public ownership will decrease significantly once the partially completed SAFCOL privatisation process is finalised.

Only 14.5% (193 755 ha) of the plantation area is owned by 796 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 Mondi, Sappi and SAWGU.

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 337 420 hectares or 49.5% of the total softwood area. The species occurs mainly in Mpumalanga North and South, KwaZulu-Natal and the Eastern Cape. *Pinus elliottii*, comprising 28.6% of the softwood plantation area, is found in all regions except the Western Cape where *Pinus radiata* is virtually the exclusive softwood species. The total *Pinus radiata* area amounts to 59 989 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 41.5% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 47.8% 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.

54% of all plantations are managed for pulpwood, 37% for sawlogs, 6% for mining timber and 3% for other purposes. Softwoods are managed mainly for sawlog production (69%), whilst 80% 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 VI 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 2003/2004 survey amounted to 41 229 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 2003/2004, reported conversions from one timber species to another amounted to 17 188 ha whilst conversion from timber to other land uses amounted to 4 585 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.

40.9% of the newly afforested area comprised areas planted to Eucalyptus trees, 26.6% to softwoods, 32.5% to wattle trees and the balance of 0.0% to other hardwood species. The private sector was responsible for 93.0% 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**2003/2004**

Region/Zone	2002/2003 ha	2003/2004 ha	% of RSA	Private Ownership	Public Ownership
Northern Regions					
Limpopo Province	64 327	60 451	4.5	36 851	23 600
Mpumalanga North	254 632	242 005	18.1	155 351	86 654
Central Districts	19 269	19 469	1.5	14 300	5 169
Mpumalanga South	279 353	264 844	19.8	238 558	26 284
Total Northern Regions	617 581	586 769	43.8	445 060	141 707
Middle Regions					
Maputaland	19 336	19 336	1.4	-	19 336
Zululand	130 377	121 402	9.1	93 275	28 128
Northern KwaZulu-Natal	85 359	91 573	6.8	88 680	2 893
KwaZulu-Natal Midlands	191 456	197 094	14.7	193 325	3 769
Southern KwaZulu-Natal	116 683	109 071	8.1	107 639	1 433
Total Middle Regions	543 211	538 476	40.2	482 919	55 559
Southern Regions					
Eastern Cape	129 291	132 434	9.9	73 513	58 920
Southern Cape	62 946	63 371	4.7	23 234	40 138
Western Cape	18 596	18 232	1.4	8 594	9 638
Total Southern Regions	210 833	214 037	16.0	105 341	108 696
Total South Africa	1 371 625	1 339 282	100.0	1 033 320	305 962

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

2003/2004

Size Group (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	241	62	5	308	8	3	11	319	24.1
50 to 99	111	30	5	146	24	1	25	171	12.9
100 to 199	178	41	-	219	34	1	35	254	19.2
200 to 499	173	69	2	244	37	3	40	284	21.4
500 to 999	69	41	-	110	8	1	9	119	9.0
1 000 to 1 999	18	32	-	50	17	-	17	67	5.1
2 000 to 4 999	5	25	-	30	18	1	19	49	3.7
5 000 +	1	43	-	44	18	-	18	62	4.7
Total Number	796	343	12	1 151	164	10	174	1 325	100.0
Total Plantation Area in Hectares									
1 to 49	5 243	1 362	74	6 679	238	45	283	6 962	0.5
50 to 99	7 875	2 268	348	10 491	1 783	70	1 853	12 344	0.9
100 to 199	25 687	6 132	-	31 819	4 953	101	5 054	36 873	2.8
200 to 499	54 753	22 115	436	77 304	10 566	1 053	11 619	88 923	6.6
500 to 999	48 831	30 271	-	79 102	5 841	572	6 413	85 515	6.4
1 000 to 1 999	22 651	44 451	-	67 102	24 241	-	24 241	91 343	6.8
2 000 to 4 999	17 225	83 195	-	100 420	55 358	2 275	57 633	158 053	11.8
5 000 +	11 490	648 925	-	660 415	198 854	-	198 854	859 269	64.2
Total Area	193 755	838 719	858	1 033 332	301 834	4 116	305 950	1 339 282	100.0

Table III - Distribution of Timber Species by Zones**2003/2004**

Region/Zone	Softwood Species		Eucalyptus Species		Wattle		Other Hardwood Species	
	ha	% of Total	ha	% of Total	ha	% of Total	ha	% of Total
Northern Regions								
Limpopo Province	25 639	3.8	34 353	6.5	310	0.3	149	1.4
Mpumalanga North	170 975	25.1	70 481	13.3	91	0.1	459	4.4
Central Districts	16 024	2.3	3 403	0.6	39	0.0	3	0.0
Mpumalanga South	128 019	18.8	114 772	21.6	19 083	16.6	2 970	28.5
Total Northern Regions	340 657	50.0	223 009	41.9	19 522	17.0	3 581	34.4
Middle Regions								
Maputaland	10 268	1.5	9 053	1.7	-	-	15	0.1
Zululand	19 856	2.9	93 501	17.6	6 485	5.6	1 560	15.0
Northern KwaZulu-Natal	18 036	2.6	48 438	9.1	24 904	21.6	195	1.9
KwaZulu-Natal Midlands	61 228	9.0	84 747	15.9	49 929	43.4	1 187	11.4
Southern KwaZulu-Natal	42 983	6.3	53 770	10.1	12 014	10.4	304	2.9
Total Middle Regions	152 370	22.3	289 509	54.4	93 333	81.1	3 262	31.3
Southern Regions								
Eastern Cape	111 503	16.4	17 943	3.4	2 219	1.9	770	7.4
Southern Cape	59 890	8.8	960	0.2	-	-	2 521	24.2
Western Cape	17 519	2.6	428	0.1	-	-	285	2.7
Total Southern Regions	188 912	27.7	19 330	3.6	2 219	1.9	3 576	34.3
Total South Africa	681 939	100.0	531 849	100.0	115 075	100.0	10 420	100.0

Table IV - Age Distribution by Species**2003/2004**

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	55 008	8.1	23 878	4.5	7 318	6.4	469	4.5
0-4 years	99 368	14.6	183 400	34.5	43 437	37.7	1 214	11.7
4-9 years	148 684	21.8	217 878	41.0	45 791	39.8	2 178	20.9
9-14 years	150 631	22.1	79 228	14.9	15 635	13.6	2 017	19.4
14-19 years	103 302	15.1	18 459	3.5	765	0.7	1 328	12.7
19-24 years	60 156	8.8	3 962	0.7	317	0.3	321	3.1
24-29 years	35 261	5.2	1 640	0.3	95	0.1	211	2.0
29-34 years	17 786	2.6	1 215	0.2	30	0.0	1 725	16.6
34 + years	10 650	1.6	1 344	0.3	74	0.1	404	3.9
Jungle	1 094	0.2	843	0.2	1 612	1.4	553	5.3
Total Area	681 939	100.0	531 849	100.0	115 075	100.0	10 420	100.0

Table V - Plantation Area According to Main Purpose for which Trees are Grown**2003/2004**

Region/Zone	Sawtimber		Pulpwood		Mining Timber	Other Roundwood Products	
	Softwood ha	Hardwood ha	Softwood ha	Hardwood ha	Hardwood ha	Softwood ha	Hardwood ha
Northern Regions							
Limpopo Province	25 584	8 311	20	2 347	17 487	35	6 668
Mpumalanga North	137 712	6 449	33 263	10 635	53 179	-	768
Central Districts	3 516	44	12 503	2 697	632	5	72
Mpumalanga South	64 947	460	62 508	129 597	5 085	565	1 683
Total Northern Regions	231 759	15 263	108 293	145 276	76 383	605	9 190
Middle Regions							
Maputaland	5 771	-	4 496	9 044	-	-	25
Zululand	12 528	870	7 328	99 018	-	-	1 658
Northern KwaZulu-Natal	11 248	11	6 787	71 924	680	-	923
KwaZulu-Natal Midlands	20 062	224	41 015	132 669	1 304	151	1 666
Southern KwaZulu-Natal	25 586	232	17 396	65 056	343	-	458
Total Middle Regions	75 196	1 337	77 023	377 710	2 327	151	4 730
Southern Regions							
Eastern Cape	96 904	504	14 530	4 950	1 215	69	14 263
Southern Cape	52 838	3 043	10	116	-	7 042	322
Western Cape	15 783	2	2	224	5	1 734	482
Total Southern Regions	165 525	3 549	14 542	5 290	1 220	8 845	15 068
Total South Africa	472 480	20 149	199 858	528 276	79 930	9 602	28 988

Table VI - Roundwood Sales by Product and Zone**2003/2004**

Region/Zone	Sawlogs and Veneer m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other tons
Northern Regions						
Limpopo Province	368 444	51 383	144 187	114 735	48 847	52 355
Mpumalanga North	1 720 900	29 064	408 141	1 731 985	19 202	22 334
Central Districts	21 918	-	4 550	176 352	247	-
Mpumalanga South	709 203	32 277	138 521	2 202 198	25 316	27 271
Total Northern Regions	2 820 465	112 724	695 399	4 225 270	93 612	101 960
Middle Regions						
Maputaland	50 073	-	-	111 432	-	215
Zululand	164 804	8 086	-	2 629 966	310	350
Northern KwaZulu-Natal	93 939	1 752	6 764	899 312	52 906	679
KwaZulu-Natal Midlands	253 914	35 456	2 162	2 209 429	23 887	18 010
Southern KwaZulu-Natal	270 724	18 648	2 210	1 031 024	1 050	3 284
Total Middle Regions	833 454	63 943	11 136	6 881 163	78 153	22 538
Southern Regions						
Eastern Cape	757 632	240 986	-	73 219	37 682	2 454
Southern Cape	553 565	66 609	-	10 520	-	128
Western Cape	166 828	13 072	-	9 340	2 053	1 239
Total Southern Regions	1 478 026	320 668	-	93 079	39 735	3 821
Total South Africa	5 131 944	497 334	706 534	11 199 512	211 500	128 319

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. This Table shows that 185 plants are included in the 2003/2004 reporting period.

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 R20 746 million 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 91%.

Roundwood Intake

The volume of roundwood intake by primary processor amounted to 22 553 million cubic metres of which pulpwood comprised 71.2%. 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 R4 216 million (2002/2003 – R4 080 million), see Table B15.0 (Page 111).

Sales of Products

1. Sales Value

The total value of reported sales of timber based products in 2003/2004 amounted to R14 815 million an increase of 1.5% on the value of R14 591 million reported for the 2002/2003 period. Woodpulp and paper products continue to dominate the industry accounting for R8 858 million (2002/2003: R8 362 million) or 57.3% (2002/2003 – 57.3%).

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	2 083 041	m ³
Poles	295 487	m ³
Mining timber	470 957	tons
Woodchips	4 458 718	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	632 151	tons
Dissolving pulp	556 886	tons
Particle board	558 543	m ³
Fibreboard	65 156	m ³

Table VII - Roundwood Intake by Primary Processors**2003/2004**

	m ³	t
Sawlogs and Veneerlogs	4 699 028	
Poles	327 816	
Mining Timber		554 851
Pulpwood		12 753 836
Other		639 275

APPENDIX A – Detailed Commercial Timber Resources Schedules

le A1.0 - Total for South Africa

Area of Softwood Spec 2003/2004

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	28 031	10 967	966	10 415	194	4 435	55 008
0-1	11 891	4 344	815	851	-	2 285	20 186
1-2	16 240	7 213	1 655	923	141	2 475	28 647
2-3	14 123	5 944	556	567	114	2 836	24 140
3-4	13 016	7 794	510	1 301	84	3 691	26 395
4-5	12 664	6 495	748	1 578	238	5 279	27 002
5-6	13 491	6 744	887	1 235	44	3 852	26 254
6-7	15 519	6 217	478	1 386	27	4 830	28 458
7-8	16 721	7 766	753	2 320	138	3 175	30 874
8-9	17 110	10 254	707	4 440	14	3 572	36 096
9-10	18 418	8 485	454	2 267	13	2 226	31 862
10-11	14 398	8 725	474	2 739	11	1 501	27 848
11-12	13 906	10 081	490	2 028	-6	1 036	27 535
12-13	16 689	9 952	770	2 333	108	841	30 693
13-14	20 405	8 678	308	2 607	86	608	32 693
14-15	15 902	13 307	288	1 613	562	624	32 296
15-16	9 692	8 101	283	1 116	328	672	20 192
16-17	8 483	6 526	207	1 391	337	743	17 688
17-18	7 618	7 293	252	1 260	219	324	16 966
18-19	7 650	5 561	555	2 020	136	237	16 160
19-20	7 057	4 657	549	1 031	311	380	13 985
20-21	7 038	4 386	795	735	433	469	13 856
21-22	4 959	4 043	1 615	698	481	309	12 103
22-23	4 043	3 307	1 435	807	614	115	10 320
23-24	2 776	3 120	1 621	1 307	888	180	9 892
24-25	2 958	2 302	1 442	659	708	39	8 109
25-26	3 056	1 549	933	629	795	50	7 012
26-27	2 399	702	1 067	1 124	707	185	6 183
27-28	2 350	1 268	1 017	665	842	58	6 200
28-29	2 444	1 793	838	1 970	582	129	7 756
29-30	1 480	1 782	926	856	751	299	6 095
30-31	1 172	1 150	532	761	292	164	4 071
31-32	582	1 204	339	1 130	434	194	3 883
32-33	544	392	169	336	1 107	121	2 669
33-34	335	139	192	290	106	7	1 069
34+	2 081	2 186	333	2 284	3 163	604	10 650
Jungle	180	271	57	316	3	267	1 094
Total	337 420	194 699	26 014	59 989	15 006	48 810	681 939

Table A1.1 - Zone 1 Limpopo Province

Area of Softwood Species by Age Class 2003/2004

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	467	60	-	34	-	-	560
0-1	599	176	-	1	-	435	1 211
1-2	323	159	-	-	-	336	818
2-3	591	234	13	17	-	314	1 169
3-4	517	144	-	-	-	363	1 025
4-5	536	162	-	8	-	126	833
5-6	838	406	-	6	-	8	1 258
6-7	2 438	448	-	4	-	-	2 889
7-8	657	208	35	11	-	14	924
8-9	695	232	-	17	-	67	1 012
9-10	607	203	1	4	-	22	837
10-11	558	248	14	26	-	74	919
11-12	704	332	30	27	-	76	1 169
12-13	464	88	-	2	-	10	564
13-14	567	131	-	9	-	65	773
14-15	669	96	-	2	-	65	832
15-16	427	368	-	1	-	65	861
16-17	446	137	-	-	-	25	608
17-18	350	236	16	4	-	22	628
18-19	364	124	17	-	-	49	554
19-20	402	344	26	0	-	24	797
20-21	421	97	43	-	-	72	632
21-22	241	305	36	-	-	19	601
22-23	179	133	15	-	-	9	336
23-24	103	246	174	-	-	42	564
24-25	103	66	219	-	-	12	400
25-26	91	99	131	-	-	14	335
26-27	114	112	151	-	-	22	399
27-28	122	35	119	-	-	12	288
28-29	71	9	76	-	-	40	195
29-30	16	-	103	-	-	13	132
30-31	64	462	234	-	-	42	801
31-32	7	-	82	-	-	-	89
32-33	65	-	97	-	-	-	162
33-34	8	28	77	-	-	-	113
34+	34	69	68	-	-	30	201
Jungle	4	140	7	-	-	-	151
Total	14 861	6 336	1 783	173	-	2 485	25 639

Table A1.2 - Zone 2 Mpumalanga North

Area of Softwood Species by Age Class 2003/2004

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	7 212	2 794	471	82	84	950	11 593
0-1	3 185	1 107	579	-	-	992	5 863
1-2	3 272	1 421	326	-	-	1 060	6 080
2-3	2 289	1 232	137	-	-	1 108	4 766
3-4	2 845	1 195	243	-	-	1 682	5 965
4-5	2 914	1 179	363	-	-	2 166	6 623
5-6	4 025	1 540	378	-	-	1 147	7 090
6-7	3 435	1 420	273	-	-	984	6 112
7-8	4 151	2 524	273	-	-	598	7 546
8-9	5 065	4 136	384	-	-	497	10 082
9-10	6 320	2 897	112	-	-	243	9 572
10-11	3 881	2 193	118	-	-	236	6 427
11-12	2 847	2 304	295	-	-	391	5 837
12-13	2 435	2 925	191	-	-	190	5 741
13-14	3 120	1 968	74	-	-	70	5 231
14-15	4 178	5 703	-	-	-	89	9 969
15-16	3 495	2 135	-	-	-	68	5 698
16-17	3 118	1 853	2	-	-	182	5 155
17-18	3 024	2 272	56	-	-	125	5 476
18-19	2 972	1 843	399	-	-	126	5 340
19-20	2 477	1 821	241	-	-	177	4 716
20-21	2 223	2 043	405	-	-	292	4 963
21-22	1 499	1 402	687	-	-	179	3 767
22-23	1 313	1 152	835	10	-	78	3 388
23-24	948	1 438	912	-	-	91	3 388
24-25	766	1 197	906	19	-	20	2 908
25-26	982	767	523	-	-	36	2 307
26-27	1 079	396	627	-	-	23	2 124
27-28	756	369	509	0	-	8	1 642
28-29	788	316	496	-	-	54	1 654
29-30	536	181	447	-	-	116	1 281
30-31	491	79	151	-	-	1	722
31-32	185	98	53	-	-	9	344
32-33	257	11	38	-	-	4	309
33-34	92	12	46	-	-	-	150
34+	448	171	190	-	-	127	935
Jungle	142	47	19	-	-	2	210
Total	88 765	56 139	11 754	111	84	14 122	170 975

Table A1.3 - Zone 3 Central Districts

Area of Softwood Species by Age Class 2003/2004

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	725	-	-	-	-	-	725
0-1	241	-	-	-	-	141	382
1-2	408	-	-	-	-	134	542
2-3	323	-	-	-	-	123	446
3-4	351	-	-	-	-	80	431
4-5	169	9	-	-	-	20	198
5-6	356	13	-	-	-	66	435
6-7	320	30	-	-	-	194	544
7-8	370	165	-	8	-	47	590
8-9	532	243	-	-	-	48	823
9-10	708	63	-	-	-	49	820
10-11	484	277	-	-	-	-	761
11-12	571	281	-	-	-	4	856
12-13	686	160	-	-	-	2	848
13-14	669	546	-	-	-	4	1 219
14-15	253	488	-	-	-	1	742
15-16	845	383	-	-	-	89	1 317
16-17	713	120	-	-	-	-	833
17-18	851	68	-	-	-	-	919
18-19	258	47	-	-	-	17	322
19-20	313	30	-	-	-	5	348
20-21	252	144	-	-	-	-	396
21-22	116	168	226	-	-	-	510
22-23	125	154	-	-	-	-	279
23-24	24	22	-	-	-	-	46
24-25	5	-	-	-	-	4	9
25-26	-	28	-	-	-	-	28
26-27	-	-	-	-	-	-	-
27-28	86	41	-	-	-	-	127
28-29	137	-	-	-	-	-	137
29-30	48	-	-	-	-	29	77
30-31	-	-	-	-	-	-	-
31-32	2	-	-	-	-	-	2
32-33	-	-	-	-	-	-	-
33-34	44	-	-	-	-	-	44
34+	175	-	18	-	-	72	265
Jungle	-	-	-	-	-	4	4
Total	11 159	3 480	244	8	-	1 133	16 024

Table A1.4 - Zone 4 Mpumalanga South

Area of Softwood Species by Age Class 2003/2004

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	9 062	1 360	199	-	-	167	10 787
0-1	3 619	906	132	-	-	275	4 932
1-2	5 069	629	290	-	-	184	6 171
2-3	5 056	769	-	-	-	434	6 259
3-4	4 563	1 060	5	-	-	415	6 043
4-5	4 254	1 227	9	-	-	534	6 024
5-6	4 366	1 131	70	-	-	535	6 102
6-7	4 211	908	31	-	-	310	5 460
7-8	5 424	999	16	-	-	273	6 712
8-9	4 161	1 628	26	-	-	244	6 059
9-10	5 360	1 596	2	1	-	84	7 043
10-11	4 514	1 945	48	-	-	38	6 545
11-12	4 516	1 996	28	-	-	27	6 567
12-13	4 116	1 547	56	-	-	64	5 782
13-14	3 952	1 031	73	-	-	34	5 090
14-15	3 661	1 467	16	-	-	28	5 172
15-16	1 657	1 599	121	-	-	178	3 555
16-17	1 125	843	105	-	-	145	2 218
17-18	1 228	642	10	-	-	20	1 900
18-19	1 869	612	44	-	-	-	2 524
19-20	1 434	184	127	-	-	-	1 745
20-21	2 645	389	170	-	-	37	3 241
21-22	1 473	840	238	-	-	84	2 634
22-23	1 346	430	275	-	-	25	2 076
23-24	991	415	160	-	-	2	1 567
24-25	989	136	131	-	-	1	1 257
25-26	860	56	65	-	-	-	981
26-27	563	23	112	-	-	-	698
27-28	418	30	74	-	-	-	522
28-29	820	59	23	-	-	15	918
29-30	436	65	59	-	-	41	601
30-31	397	23	35	-	-	-	455
31-32	116	11	12	-	-	5	143
32-33	74	11	5	-	-	10	99
33-34	38	11	-	-	-	-	48
34+	38	25	-	-	-	22	85
Jungle	3	-	-	-	-	-	3
Total	94 422	26 602	2 764	1	-	4 230	128 019

Table A1.5 - Zone 5 Maputaland

Area of Softwood Species by Age Class 2003/2004

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	-	2 663	-	-	-	-	2 663
0-1	-	44	-	-	-	-	44
1-2	-	724	-	-	-	-	724
2-3	-	748	-	-	-	-	748
3-4	-	522	-	-	-	-	522
4-5	-	-	-	-	-	-	-
5-6	-	-	-	-	-	-	-
6-7	-	-	-	-	-	222	222
7-8	-	-	-	-	-	282	282
8-9	-	-	-	-	-	241	241
9-10	-	-	-	-	-	143	143
10-11	-	15	-	-	-	-	15
11-12	-	9	-	-	-	-	9
12-13	-	-	-	-	-	125	125
13-14	-	-	-	-	-	288	288
14-15	-	51	-	-	-	367	418
15-16	-	177	-	-	-	82	258
16-17	-	184	-	-	-	276	459
17-18	-	584	-	-	-	121	705
18-19	-	244	-	-	-	25	269
19-20	-	272	-	-	-	153	425
20-21	-	242	-	-	-	-	242
21-22	-	7	-	-	-	-	7
22-23	-	-	-	-	-	-	-
23-24	-	-	-	-	-	-	-
24-25	-	28	-	-	-	-	28
25-26	-	-	-	-	-	-	-
26-27	-	-	-	-	-	-	-
27-28	-	84	-	-	-	-	84
28-29	-	-	-	-	-	-	-
29-30	-	447	-	-	-	-	447
30-31	-	210	-	-	-	-	210
31-32	-	68	-	-	-	-	68
32-33	-	253	-	-	-	-	253
33-34	-	-	-	-	-	-	-
34+	-	223	-	-	-	148	371
Jungle	-	-	-	-	-	-	-
Total	-	7 797	-	-	-	2 470	10 268

Table A1.6 - Zone 6 Zululand

Area of Softwood Species by Age Class 2003/2004

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	552	676	-	-	-	145	1 373
0-1	-	320	-	-	-	-	320
1-2	67	485	1	-	-	117	670
2-3	177	247	1	-	-	101	526
3-4	73	295	3	-	-	12	383
4-5	6	667	-	-	-	226	899
5-6	52	920	23	-	-	326	1 320
6-7	42	510	-	-	-	430	982
7-8	-	581	12	-	-	219	812
8-9	58	543	-	-	-	132	732
9-10	29	439	-	-	-	67	534
10-11	152	886	-	-	-	118	1 155
11-12	298	939	16	-	-	117	1 370
12-13	83	785	-	-	-	6	874
13-14	245	1 057	12	-	-	16	1 330
14-15	46	1 467	53	-	-	-	1 566
15-16	68	596	89	-	-	155	907
16-17	68	825	44	-	-	83	1 020
17-18	39	855	104	-	-	22	1 021
18-19	12	378	49	-	-	-	439
19-20	9	202	16	-	-	19	245
20-21	-	138	14	-	-	24	176
21-22	-	95	58	-	-	16	168
22-23	39	82	90	-	-	0	211
23-24	-	73	5	-	-	44	122
24-25	29	70	-	-	-	1	99
25-26	-	19	2	-	-	-	21
26-27	-	18	-	-	-	39	58
27-28	-	23	30	-	-	1	54
28-29	-	128	-	-	-	-	128
29-30	-	-	27	-	-	58	85
30-31	-	-	26	-	-	7	34
31-32	-	54	3	-	-	6	63
32-33	-	1	8	-	-	15	24
33-34	-	7	31	-	-	4	42
34+	26	52	3	-	-	12	93
Jungle	-	-	-	-	-	-	-
Total	2 171	14 431	719	-	-	2 536	19 856

Table A1.7 - Zone 7 Kwazulu-Natal Midlands

Area of Softwood Species by Age Class 2003/2004

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	1 087	87	129	-	-	206	1 509
0-1	1 272	264	46	-	-	47	1 630
1-2	2 311	1 280	69	-	-	246	3 904
2-3	1 818	411	101	-	-	176	2 506
3-4	1 388	887	180	-	-	130	2 584
4-5	1 764	719	281	-	-	221	2 985
5-6	1 523	605	339	-	-	419	2 886
6-7	1 129	613	67	-	-	381	2 190
7-8	1 698	602	224	-	-	363	2 887
8-9	1 472	607	175	32	-	246	2 531
9-10	1 586	941	118	-	-	330	2 974
10-11	1 821	986	134	-	-	59	2 999
11-12	1 147	1 084	121	-	-	26	2 379
12-13	2 327	1 024	152	-	-	30	3 533
13-14	3 386	1 222	56	-	-	24	4 688
14-15	2 605	1 814	167	-	-	34	4 620
15-16	1 314	1 193	48	-	-	8	2 563
16-17	1 074	785	6	-	-	33	1 898
17-18	864	1 285	40	-	-	14	2 204
18-19	609	910	15	-	-	4	1 537
19-20	612	476	64	-	-	-	1 152
20-21	427	348	64	-	-	9	848
21-22	500	381	118	-	-	12	1 012
22-23	482	237	65	-	-	1	784
23-24	187	115	88	-	-	-	390
24-25	225	42	20	-	-	2	288
25-26	174	71	79	-	-	-	324
26-27	270	53	68	-	-	-	390
27-28	115	22	38	-	-	-	174
28-29	102	31	27	-	-	1	161
29-30	79	21	9	-	-	-	109
30-31	20	41	2	-	-	-	63
31-32	21	7	21	-	-	-	49
32-33	67	10	-	-	-	-	77
33-34	16	3	-	-	-	-	18
34+	109	121	-	-	-	125	356
Jungle	25	1	-	-	-	-	26
Total	35 625	19 296	3 132	32	-	3 144	61 228

Table A1.8 - Zone 8 Northern Kwazulu-Natal

Area of Softwood Species by Age Class 2003/2004

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	338	288	2	-	-	2	630
0-1	517	184	-	-	-	14	715
1-2	449	213	-	-	-	-	662
2-3	195	199	-	-	-	19	413
3-4	404	258	-	-	-	35	698
4-5	202	257	19	-	-	16	494
5-6	46	297	3	-	-	21	367
6-7	86	411	-	-	-	2	498
7-8	354	579	-	-	-	67	1 000
8-9	1 197	841	12	-	-	8	2 059
9-10	141	1 045	3	-	-	20	1 209
10-11	320	250	-	-	-	-	569
11-12	392	261	-	-	-	-	653
12-13	819	976	-	-	-	19	1 813
13-14	494	505	3	-	-	-	1 002
14-15	262	481	-	-	-	-	743
15-16	169	348	-	-	-	-	517
16-17	211	276	-	-	-	-	487
17-18	268	48	6	-	-	-	321
18-19	368	25	3	-	-	16	411
19-20	380	83	-	-	-	-	463
20-21	205	63	25	-	-	6	300
21-22	187	21	47	-	-	-	255
22-23	121	27	73	-	-	-	222
23-24	79	52	43	-	-	-	175
24-25	67	-	32	-	-	-	99
25-26	400	2	23	-	-	-	424
26-27	71	15	32	-	-	-	118
27-28	57	40	33	-	-	-	130
28-29	68	60	49	-	-	-	177
29-30	61	24	-	-	-	17	102
30-31	-	9	-	-	-	77	87
31-32	1	-	2	-	-	-	2
32-33	-	5	0	-	-	15	21
33-34	-	-	10	-	-	-	10
34+	19	21	0	-	-	-	41
Jungle	-	-	-	-	-	150	150
Total	8 946	8 165	420	-	-	504	18 036

Table A1.9 - Zone 9 Southern Kwazulu-Natal

Area of Softwood Species by Age Class 2003/2004

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	420	20	-	-	-	1 373	1 813
0-1	609	463	-	-	-	17	1 089
1-2	1 194	392	53	-	16	7	1 661
2-3	726	187	83	-	62	46	1 105
3-4	1 526	306	12	-	59	292	2 194
4-5	1 153	117	-	-	238	189	1 697
5-6	1 305	245	-	-	44	62	1 655
6-7	591	252	-	-	47	225	1 114
7-8	892	740	-	-	24	283	1 939
8-9	1 410	982	-	-	12	167	2 570
9-10	2 372	261	-	-	1	68	2 703
10-11	1 220	376	-	-	-	3	1 599
11-12	1 109	431	-	-	-	-	1 540
12-13	1 682	465	-	-	-	-	2 147
13-14	2 625	236	-	-	17	-	2 878
14-15	2 783	459	-	-	8	-	3 250
15-16	892	286	9	1	-	-	1 188
16-17	1 113	436	40	-	-	-	1 589
17-18	450	463	-	-	-	-	913
18-19	372	276	19	-	-	-	667
19-20	676	409	18	-	18	2	1 123
20-21	311	366	30	-	18	27	752
21-22	166	160	141	-	-	-	467
22-23	84	727	55	-	-	-	866
23-24	165	226	181	-	-	-	571
24-25	58	342	106	-	-	-	506
25-26	122	156	70	-	-	-	348
26-27	67	57	14	-	-	82	220
27-28	136	185	186	-	-	-	507
28-29	103	303	160	-	-	-	566
29-30	58	200	165	-	-	-	423
30-31	21	195	38	-	5	-	259
31-32	67	79	96	-	-	-	242
32-33	-	42	1	-	-	61	104
33-34	14	5	12	-	-	-	31
34+	62	4	4	607	9	-	686
Jungle	-	-	-	-	2	-	2
Total	26 552	10 847	1 493	608	580	2 903	42 983

Table A1.11 - Zone 11 Eastern Cape

Area of Softwood Species by Age Class 2003/2004

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	8 165	2 877	38	250	55	1 592	12 977
0-1	1 848	959	9	222	-	364	3 402
1-2	3 148	1 467	906	45	125	389	6 080
2-3	2 947	992	122	122	52	515	4 751
3-4	1 349	1 179	82	67	25	681	3 383
4-5	1 666	693	51	94	-	1 780	4 284
5-6	970	781	26	66	-	1 267	3 109
6-7	3 235	1 119	69	340	-	2 083	6 845
7-8	3 174	809	157	489	28	1 028	5 685
8-9	2 520	578	55	699	-	1 917	5 769
9-10	1 295	637	196	459	-	1 192	3 779
10-11	1 417	1 072	62	394	-	968	3 913
11-12	2 307	1 707	-	220	-	394	4 627
12-13	4 076	1 826	311	247	30	375	6 864
13-14	5 347	1 708	35	147	33	107	7 377
14-15	1 445	1 028	43	139	163	4	2 822
15-16	825	981	7	187	169	27	2 196
16-17	614	720	-	61	97	-	1 492
17-18	545	653	-	166	144	-	1 508
18-19	828	792	-	119	142	-	1 880
19-20	754	492	27	152	86	-	1 511
20-21	555	353	14	142	-	-	1 063
21-22	775	515	29	187	130	-	1 635
22-23	354	246	17	79	103	2	800
23-24	280	252	48	16	-	-	596
24-25	716	395	18	4	39	-	1 173
25-26	428	341	30	14	407	-	1 220
26-27	235	220	48	131	707	18	1 359
27-28	661	512	19	169	734	37	2 132
28-29	355	705	32	69	449	19	1 629
29-30	246	436	49	60	221	19	1 032
30-31	179	79	24	39	28	19	368
31-32	184	414	52	197	267	157	1 269
32-33	81	51	10	3	-	15	160
33-34	123	74	7	12	-	2	217
34+	1 170	1 144	8	35	-	46	2 403
Jungle	3	83	31	22	1	53	193
Total	54 818	28 888	2 630	5 862	4 234	15 070	111 503

Table A1.12 - Zone 12 Southern Cape

Area of Softwood Species by Age Class 2003/2004

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	5	143	3	7 052	55	-	7 258
0-1	-	-85	-	482	-	-	397
1-2	-	445	-	767	-	-	1 212
2-3	-	924	100	334	-	-	1 357
3-4	-	1 948	-26	1 147	-	-	3 069
4-5	-	1 465	26	1 134	-	-	2 624
5-6	7	807	-	590	-	-	1 404
6-7	-	504	10	476	-27	-	963
7-8	-	560	0	1 172	48	2	1 783
8-9	-	465	6	3 267	2	5	3 744
9-10	-	404	1	1 429	12	-	1 846
10-11	10	478	38	1 723	11	6	2 267
11-12	-	738	-	1 254	-7	-	1 985
12-13	-	156	-	1 717	78	-	1 951
13-14	-	274	-	2 183	3	-	2 461
14-15	-	253	-	954	319	-	1 526
15-16	-	35	-	633	104	1	773
16-17	-	349	-	915	183	-	1 447
17-18	-	186	-	708	-53	-	841
18-19	-	311	-	1 773	-22	-	2 062
19-20	-	344	-	701	117	-	1 161
20-21	-	200	-	434	215	2	851
21-22	-	151	-	374	280	-	805
22-23	-	120	-	441	366	-	927
23-24	-	277	-	1 140	765	2	2 184
24-25	-	26	-	382	561	-	969
25-26	-	11	-	437	361	-	808
26-27	-	-192	6	812	-42	1	584
27-28	-	-73	-	382	88	-	398
28-29	-	181	-50	1 741	72	-	1 945
29-30	-	408	49	646	484	7	1 594
30-31	-	53	-	357	170	-	580
31-32	-	472	14	709	102	-2	1 296
32-33	-	9	1	222	1 036	1	1 268
33-34	-	-	-	195	9	-	204
34+	-	350	10	628	2 262	22	3 272
Jungle	-	-	-	14	-	58	72
Total	22	12 696	188	39 327	7 553	104	59 890

Table A1.13 - Zone 13 Western Cape

Area of Softwood Species by Age Class 2003/2004

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	-	-	125	2 996	-	-	3 121
0-1	-	6	50	146	-	-	202
1-2	-	-	10	111	-	2	123
2-3	-	-	-	94	-	-	94
3-4	-	-	10	87	-	-	97
4-5	-	-	-	342	-	-	342
5-6	3	-	48	574	-	2	627
6-7	34	4	29	566	7	-	640
7-8	-	-	35	640	39	-	714
8-9	-	-	50	425	-	-	475
9-10	-	-	20	374	-	10	404
10-11	22	-	60	596	-	-	678
11-12	15	-	-	527	1	-	543
12-13	2	-	60	368	-	20	450
13-14	-	-	56	268	33	-	357
14-15	-	-	10	517	73	36	636
15-16	-	-	10	294	55	-	359
16-17	-	-	10	416	57	-	482
17-18	-	-	20	382	128	-	530
18-19	-	-	10	128	17	-	155
19-20	-	-	30	178	91	-	299
20-21	-	3	30	159	200	-	391
21-22	-	-	35	137	71	-	243
22-23	-	-	10	276	145	-	431
23-24	-	2	10	151	124	-	287
24-25	-	-	10	254	108	-	372
25-26	-	-	10	179	27	-	216
26-27	-	0	10	181	42	-	233
27-28	-	-	10	114	20	-	143
28-29	-	-	24	160	61	-	245
29-30	-	-	17	150	46	-	213
30-31	-	-	22	365	88	18	493
31-32	-	-	4	224	65	21	314
32-33	-	-	10	111	71	-	192
33-34	-	-	10	83	97	1	191
34+	-	6	32	1 013	892	-	1 943
Jungle	4	-	-	280	-	-	284
Total	80	22	887	13 866	2 555	110	17 519

Table A2.0 - Total for South Africa

Age in Years	Area of Hardwood Species by Age Class					2003/2004
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	14 337	9 541	7 318	75	394	31 665
0-1	28 508	24 779	13 429	76	269	67 061
1-2	24 486	19 315	10 117	86	243	54 246
2-3	24 666	17 347	10 009	64	215	52 301
3-4	24 653	19 646	9 882	103	159	54 442
4-5	28 129	20 588	9 626	115	212	58 671
5-6	26 845	19 645	9 587	146	289	56 511
6-7	24 989	18 426	9 238	96	351	53 099
7-8	26 103	17 563	8 849	142	551	53 207
8-9	20 888	14 702	8 491	85	192	44 358
9-10	17 345	10 779	6 702	122	223	35 171
10-11	12 929	6 599	4 572	117	641	24 858
11-12	9 669	4 684	2 664	118	186	17 321
12-13	7 466	3 138	1 135	124	147	12 010
13-14	4 146	2 473	562	153	187	7 521
14-15	3 923	2 860	481	96	178	7 538
15-16	3 370	1 373	129	72	145	5 088
16-17	2 827	873	40	39	119	3 897
17-18	1 303	310	48	344	173	2 178
18-19	1 482	139	67	123	41	1 852
19-20	1 330	144	177	27	85	1 762
20-21	951	159	109	22	31	1 272
21-22	631	128	11	20	38	827
22-23	185	97	18	10	41	352
23-24	263	74	2	5	42	387
24-25	250	25	68	23	9	375
25-26	790	51	3	4	15	863
26-27	62	52	9	4	28	155
27-28	300	23	10	17	36	386
28-29	46	41	6	59	17	168
29-30	81	18	6	31	20	156
30-31	223	33	12	12	12	293
31-32	110	678	-	36	1 582	2 407
32-33	9	24	12	-	16	61
33-34	38	-	-	6	9	54
34+	758	586	74	87	317	1 823
Jungle	427	416	1 612	55	497	3 008
Total	314 518	217 331	115 075	2 713	7 706	657 343

Table A2.1 - Zone 1 Limpopo Province

Age in Years	Area of Hardwood Species by Age Class					2003/2004
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	948	32	-	-	-	979
0-1	1 933	562	33	-	-	2 528
1-2	1 882	616	34	-	-	2 533
2-3	2 238	577	9	-	-	2 823
3-4	1 835	535	4	-	-	2 374
4-5	1 718	455	14	-	-	2 187
5-6	2 014	772	8	-	-	2 794
6-7	1 474	652	64	-	-	2 189
7-8	2 110	282	15	-	-	2 406
8-9	2 106	479	83	-	-	2 669
9-10	1 973	115	45	-	-	2 133
10-11	1 673	326	3	-	0	2 002
11-12	1 259	372	-	-	7	1 638
12-13	1 143	90	-	-	-	1 232
13-14	829	21	-	-	11	861
14-15	471	19	-	-	1	491
15-16	525	38	-	-	-	563
16-17	690	54	-	-	0	744
17-18	218	56	-	-	6	280
18-19	190	6	-	4	9	209
19-20	263	5	-	-	11	279
20-21	158	15	-	-	14	186
21-22	85	6	-	-	17	108
22-23	60	6	-	3	6	76
23-24	53	5	-	-	-	58
24-25	58	-	-	3	-	61
25-26	31	21	-	1	-	53
26-27	26	-	-	-	-	26
27-28	49	-	-	-	2	51
28-29	3	-	-	-	0	3
29-30	2	-	-	-	-	2
30-31	37	-	-	-	-	37
31-32	-	-	-	-	-	-
32-33	-	-	-	-	3	3
33-34	-	-	-	-	-	-
34+	-	28	-	-	49	78
Jungle	144	10	-	-	2	157
Total	28 198	6 155	310	11	138	34 812

Table A2.2 - Zone 2 Mpumalanga North

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 951	1 262	2	1	3	4 219
0-1	5 631	1 017	-	-	-	6 648
1-2	3 721	1 202	-	-	-	4 923
2-3	3 501	496	-	-	-	3 997
3-4	3 617	1 196	-	-	-	4 812
4-5	3 040	958	-	-	-	3 998
5-6	3 341	531	-	-	-	3 873
6-7	3 048	1 183	39	-	34	4 305
7-8	2 995	2 313	-	-	46	5 354
8-9	3 016	1 936	-	-	70	5 021
9-10	3 333	1 040	-	-	9	4 382
10-11	2 728	368	-	-	113	3 209
11-12	3 391	210	-	-	-	3 602
12-13	2 322	64	-	-	6	2 391
13-14	1 160	378	-	-	3	1 541
14-15	1 489	202	-	-	-	1 691
15-16	1 132	27	-	18	16	1 193
16-17	988	40	-	14	0	1 043
17-18	694	25	-	-	-	719
18-19	627	17	-	-	8	651
19-20	699	22	-	-	6	726
20-21	519	26	-	-	3	547
21-22	301	21	-	-	1	323
22-23	98	5	-	-	5	109
23-24	200	13	-	-	-	214
24-25	80	15	-	-	1	96
25-26	718	-	-	-	-	718
26-27	19	1	-	-	13	33
27-28	18	-	-	-	24	42
28-29	41	-	-	-	-	41
29-30	45	13	-	-	-	58
30-31	18	4	-	-	-	22
31-32	40	2	-	-	6	48
32-33	7	17	-	-	-	24
33-34	21	-	-	-	-	21
34+	120	91	-	1	45	256
Jungle	77	41	50	7	5	180
Total	55 747	14 734	91	41	418	71 031

Table A2.3 - Zone 3 Central Districts

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	50	-	-	-	50
0-1	6	380	-	-	-	386
1-2	-	557	-	-	-	557
2-3	-	213	-	-	-	213
3-4	-	66	-	-	-	66
4-5	-	245	-	-	-	245
5-6	-	365	-	-	-	365
6-7	-	279	39	-	-	318
7-8	-	214	-	-	-	214
8-9	-	461	-	-	-	461
9-10	-	98	-	-	-	98
10-11	-	12	-	-	-	12
11-12	-	113	-	-	-	113
12-13	-	20	-	-	-	20
13-14	-	58	-	-	-	58
14-15	-	136	-	-	-	136
15-16	-	6	-	-	-	6
16-17	-	4	-	-	-	4
17-18	-	8	-	-	-	8
18-19	-	-	-	-	-	-
19-20	-	-	-	-	-	-
20-21	-	12	-	-	-	12
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	39	-	-	-	39
24-25	-	1	-	-	-	1
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	-	3	3
Jungle	-	61	-	-	-	61
Total	6	3 397	39	-	3	3 445

Table A2.4 - Zone 4 Mpumalanga South

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 064	4 393	956	62	-	6 475
0-1	3 769	13 035	2 747	17	256	19 823
1-2	1 913	7 988	1 335	67	190	11 493
2-3	2 612	6 691	2 155	32	199	11 690
3-4	3 599	7 915	1 646	60	131	13 351
4-5	3 044	7 620	1 574	40	104	12 381
5-6	3 771	6 725	1 492	64	108	12 160
6-7	2 277	6 234	1 754	65	178	10 508
7-8	2 347	4 584	1 067	55	164	8 217
8-9	1 404	4 920	1 340	52	75	7 790
9-10	964	4 686	817	16	102	6 585
10-11	1 212	2 825	767	30	263	5 096
11-12	226	2 198	260	34	36	2 754
12-13	186	1 646	196	69	86	2 183
13-14	149	1 082	153	63	-	1 447
14-15	11	1 777	108	48	5	1 950
15-16	17	834	7	42	-	900
16-17	12	406	2	18	-	437
17-18	28	127	12	23	-	190
18-19	65	30	20	93	-	208
19-20	4	32	-	-	-	36
20-21	-	37	-	1	1	39
21-22	-	25	-	-	-	25
22-23	-	9	-	2	-	11
23-24	-	2	-	2	-	5
24-25	2	1	60	-	-	63
25-26	-	21	-	3	-	23
26-27	-	10	-	-	-	10
27-28	-	22	-	-	-	22
28-29	-	22	-	47	-	69
29-30	-	-	6	7	-	14
30-31	-	-	-	12	-	12
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	2	-	-	-	-	2
34+	171	7	27	25	8	238
Jungle	-	20	582	15	-	617
Total	28 850	85 922	19 083	1 064	1 906	136 825

Table A2.5 - Zone 5 Maputaland

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	32	-	-	-	-	32
0-1	39	-	-	-	-	39
1-2	246	-	-	-	-	246
2-3	106	-	-	-	-	106
3-4	57	4	-	-	-	61
4-5	1 166	-	-	-	-	1 166
5-6	777	136	-	-	-	913
6-7	884	126	-	-	-	1 010
7-8	2 805	250	-	-	-	3 054
8-9	911	103	-	-	-	1 014
9-10	928	-	-	-	-	928
10-11	261	-	-	-	-	261
11-12	95	-	-	-	-	95
12-13	122	-	-	-	6	127
13-14	1	-	-	-	-	1
14-15	-	-	-	-	-	-
15-16	-	7	-	-	4	10
16-17	-	-	-	-	-	-
17-18	-	-	-	-	-	-
18-19	-	-	-	-	-	-
19-20	0	-	-	-	-	0
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	4	4
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	-	2	2
Jungle	-	-	-	-	-	-
Total	8 428	625	-	-	15	9 068

Table A2.6 - Zone 6 Zululand

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 311	-	243	-	11	3 564
0-1	7 155	1 243	1 204	-	-	9 602
1-2	5 876	1 767	853	-	-	8 496
2-3	5 849	2 727	753	-	-	9 329
3-4	6 438	2 315	703	-	-	9 456
4-5	6 821	2 782	674	-	69	10 346
5-6	6 470	2 930	723	-	157	10 279
6-7	5 824	3 248	291	-	75	9 437
7-8	5 556	3 798	242	-	309	9 903
8-9	5 468	972	276	-	15	6 731
9-10	3 846	133	79	-	13	4 071
10-11	2 202	555	118	-	176	3 052
11-12	1 350	288	75	-	86	1 800
12-13	965	279	122	-	13	1 379
13-14	632	86	71	-	139	929
14-15	507	14	37	-	115	674
15-16	735	-	1	-	52	788
16-17	486	-	-	-	84	570
17-18	190	-	-	-	144	333
18-19	368	-	-	-	-	368
19-20	175	-	-	-	-	175
20-21	68	-	-	-	-	68
21-22	12	-	-	-	1	13
22-23	1	-	-	-	-	1
23-24	5	-	-	-	-	5
24-25	2	-	-	-	-	2
25-26	-	6	-	-	-	6
26-27	-	5	-	-	-	5
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	1	1
31-32	-	-	-	-	-	-
32-33	-	-	-	-	14	14
33-34	11	-	-	-	5	16
34+	29	2	-	-	32	63
Jungle	-	-	20	-	50	69
Total	70 351	23 150	6 485	-	1 560	101 546

Table A2.7 - Zone 7 KwaZulu-Natal Midlands

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 374	1 456	2 852	12	-	6 694
0-1	4 425	3 741	6 027	21	-	14 213
1-2	4 731	2 645	4 742	19	8	12 145
2-3	4 483	2 549	4 430	18	-	11 479
3-4	3 686	3 207	4 590	43	3	11 529
4-5	5 182	3 641	4 181	44	1	13 048
5-6	4 007	4 005	4 109	34	9	12 164
6-7	4 373	2 869	4 214	23	2	11 481
7-8	3 771	2 507	4 647	69	6	11 000
8-9	3 996	2 128	3 275	24	0	9 424
9-10	2 718	2 215	2 783	58	0	7 773
10-11	2 110	1 402	1 788	71	13	5 384
11-12	1 415	855	887	76	0	3 232
12-13	795	267	536	54	0	1 651
13-14	515	317	179	78	3	1 091
14-15	265	292	203	27	0	786
15-16	205	161	64	11	2	442
16-17	241	118	33	4	2	398
17-18	29	28	8	321	-	385
18-19	152	13	47	19	3	233
19-20	118	20	14	27	-	179
20-21	37	5	22	16	-	80
21-22	207	14	-	20	-	241
22-23	9	-	17	5	-	31
23-24	4	-	-	-	-	4
24-25	2	2	3	9	-	16
25-26	40	-	3	-	-	43
26-27	0	-	-	4	-	4
27-28	138	-	-	-	-	138
28-29	-	-	-	-	-	-
29-30	0	3	-	19	-	22
30-31	162	-	12	-	-	174
31-32	-	12	-	-	1	13
32-33	-	-	-	-	-	-
33-34	-	-	-	2	-	2
34+	6	4	4	6	2	23
Jungle	44	32	261	-	-	337
Total	50 240	34 507	49 929	1 132	55	135 863

Table A2.8 - Zone 8 Northern KwaZulu-Natal

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 412	673	2 064	-	2	4 151
0-1	2 578	2 703	2 482	-	13	7 776
1-2	2 937	2 415	1 973	-	15	7 339
2-3	2 972	2 463	1 802	-	9	7 247
3-4	2 249	2 510	2 126	-	17	6 901
4-5	2 710	2 641	2 273	-	34	7 658
5-6	2 652	2 124	2 050	-	14	6 840
6-7	3 121	1 598	1 897	-	43	6 659
7-8	3 168	1 116	1 886	-	8	6 178
8-9	1 301	1 237	2 191	2	-	4 730
9-10	670	818	1 608	14	-	3 110
10-11	307	293	1 031	-	-	1 631
11-12	117	72	740	-	-	930
12-13	251	452	185	-	-	888
13-14	152	76	69	-	-	297
14-15	350	85	97	-	-	532
15-16	49	-	18	-	-	67
16-17	62	-	5	1	-	68
17-18	30	-	22	-	-	52
18-19	1	-	-	-	-	1
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	2	-	-	-	-	2
22-23	2	-	-	-	-	2
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	1	-	-	-	-	1
26-27	-	-	9	-	-	9
27-28	2	-	10	-	-	12
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	4	38	-	-	25	67
Jungle	10	15	365	-	-	390
Total	27 110	21 327	24 904	17	179	73 537

Table A2.9 - Zone 9 Southern KwaZulu-Natal

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	992	1 505	1 059	-	-	3 557
0-1	2 081	1 781	846	34	-	4 742
1-2	2 201	1 892	820	-	20	4 933
2-3	1 702	1 483	680	-	7	3 872
3-4	1 866	1 371	639	-	-	3 876
4-5	2 707	1 831	851	-	3	5 391
5-6	2 631	1 860	1 060	-	-	5 552
6-7	2 555	1 939	858	-	8	5 360
7-8	2 491	2 298	871	-	11	5 671
8-9	2 074	2 280	1 154	7	20	5 535
9-10	2 485	1 532	1 338	35	8	5 398
10-11	2 192	738	833	6	35	3 804
11-12	1 579	432	683	9	9	2 712
12-13	1 510	131	88	1	-	1 730
13-14	535	26	90	12	-	662
14-15	767	89	19	21	-	895
15-16	616	94	11	-	-	721
16-17	276	100	-	2	-	378
17-18	96	-	3	-	1	100
18-19	60	7	-	2	-	69
19-20	58	9	2	-	-	69
20-21	148	-	5	5	-	158
21-22	10	6	-	-	-	15
22-23	7	-	1	-	-	8
23-24	-	-	-	-	13	13
24-25	106	-	-	11	-	117
25-26	-	-	-	-	-	-
26-27	-	-	-	-	8	8
27-28	75	-	-	-	-	75
28-29	-	-	-	6	3	9
29-30	5	2	-	2	-	9
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	2	-	-	-	-	2
33-34	-	-	-	-	-	-
34+	414	61	-	2	-	477
Jungle	27	35	104	-	4	170
Total	32 268	21 502	12 014	154	150	66 089

Table A2.11 - Zone 11 Eastern Cape

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 254	171	142	-	12	1 579
0-1	892	317	89	5	-	1 303
1-2	978	233	361	-	11	1 582
2-3	1 203	149	180	14	-	1 546
3-4	1 305	523	174	-	8	2 010
4-5	1 742	415	61	31	-	2 249
5-6	1 182	197	145	28	1	1 552
6-7	1 433	295	82	7	11	1 828
7-8	859	193	121	18	-	1 192
8-9	613	186	172	-	-	970
9-10	429	142	31	-	59	661
10-11	245	79	33	9	13	378
11-12	233	140	19	-	23	414
12-13	173	148	9	-	23	353
13-14	174	417	-	-	25	616
14-15	62	161	18	-	30	271
15-16	92	208	28	-	1	328
16-17	71	125	-	-	3	199
17-18	19	66	4	-	2	90
18-19	19	30	-	4	-	53
19-20	12	33	161	-	6	212
20-21	21	27	82	-	8	139
21-22	13	8	11	-	5	36
22-23	7	6	-	-	3	15
23-24	-	7	2	3	-	12
24-25	-	-	5	-	-	5
25-26	-	1	-	-	-	1
26-27	5	-	-	-	-	5
27-28	18	2	-	17	2	39
28-29	2	8	6	6	-	22
29-30	28	-	-	-	-	28
30-31	-	-	-	-	-	-
31-32	16	77	-	14	116	222
32-33	-	-	12	-	-	12
33-34	4	-	-	5	-	9
34+	13	142	43	49	29	275
Jungle	124	202	230	33	137	726
Total	13 238	4 705	2 219	243	527	20 932

Table A2.12 - Zone 12 Southern Cape

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	-	-	-	365	365
0-1	-	-	-	-	-	-
1-2	-	-	-	-	-	-
2-3	-	-	-	-	-	-
3-4	-	4	-	-	-	4
4-5	-	-	-	-	-	-
5-6	-	-	-	20	-	20
6-7	-	3	-	-	-	3
7-8	-	9	-	-	3	12
8-9	-	-	-	-	11	11
9-10	-	-	-	-	30	30
10-11	-	-	-	-	13	13
11-12	-	4	-	-	24	28
12-13	-	42	-	-	13	55
13-14	-	11	-	-	6	17
14-15	-	84	-	-	26	110
15-16	-	-	-	-	8	8
16-17	-	26	-	-	29	55
17-18	-	-3	-	-	20	17
18-19	-	36	-	-	22	58
19-20	-	21	-	-	61	83
20-21	-	35	-	-	5	40
21-22	-	48	-	-	15	63
22-23	-	65	-	-	27	92
23-24	-	7	-	-	29	36
24-25	-	6	-	-	9	15
25-26	-	3	-	-	14	17
26-27	12	37	-	-	7	56
27-28	-	-	-	-	4	4
28-29	-	7	-	-	13	21
29-30	-	-	-	3	17	20
30-31	-	15	-	-	5	20
31-32	0	371	-	1	1 422	1 794
32-33	-	7	-	-	-	7
33-34	-	-	-	-	-	-
34+	2	106	-	-	0	109
Jungle	-	-	-	-	300	300
Total	14	946	-	24	2 497	3 481

Table A2.13 - Zone 13 Western Cape

Area of Hardwood Species by Age Class 2003/2004

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	-	-	-	-	-
0-1	-	-	-	-	-	-
1-2	1	-	-	-	-	1
2-3	-	-	-	-	-	-
3-4	-	-	-	-	-	-
4-5	-	-	-	-	-	-
5-6	-	-	-	-	-	-
6-7	-	2	-	-	-	2
7-8	1	1	-	-	5	7
8-9	-	2	-	-	-	2
9-10	-	-	-	-	2	2
10-11	-	-	-	2	14	16
11-12	4	-	-	-	-	4
12-13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
14-15	-	1	-	-	-	1
15-16	-	-	-	-	63	63
16-17	-	-	-	-	-	-
17-18	-	4	-	-	-	4
18-19	-	-	-	-	-	-
19-20	-	2	-	-	-	2
20-21	-	2	-	-	-	2
21-22	-	1	-	-	-	1
22-23	-	6	-	-	-	6
23-24	-	0	-	-	-	0
24-25	-	-	-	-	-	-
25-26	-	-	-	-	1	1
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	3	-	-	-	3
29-30	-	-	-	-	3	3
30-31	6	14	-	-	6	25
31-32	55	216	-	21	37	330
32-33	-	-	-	-	-	-
33-34	-	-	-	-	4	4
34+	-	107	-	5	122	234
Jungle	-	-	-	-	-	-
Total	67	361	-	28	257	713

Table A3.0 - Total for South Africa

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	472 480	27	7 433	24	-	-	199 858	17	2 169	7	681 939
<i>E. grandis</i>	15 658	23	14 028	13	62 394	9	221 218	9	1 219	9	314 518
Other Eucalyptus	1 854	27	4 985	13	15 822	9	193 039	9	1 630	9	217 331
Wattle	-	-	-	-	1 109	10	110 299	10	1 730	10	113 138
Other Hardwoods	2 637	26	2 357	11	605	16	3 719	14	3 038	18	12 356
Totals	492 629		28 802		79 930		728 133		9 787		1 339 282

Table A3.1 - Zone 1 Limpopo Province

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	25 584	26	35	18	-	-	20	16	-	-	25 639
<i>E. grandis</i>	8 184	22	2 792	16	15 093	8	1 160	9	970	10	28 198
Other Eucalyptus	15	25	1 938	14	2 392	9	917	10	893	9	6 155
Wattle	-	-	-	-	-	-	266	8	44	10	310
Other Hardwoods	112	21	25	12	1	7	4	20	7	24	149
Totals	33 895		4 789		17 487		2 367		1 913		60 451

Table A3.2 - Zone 2 Mpumulanga North

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	137 712	29	-	-	-	-	33 263	16	-	-	170 975
<i>E. grandis</i>	5 935	24	391	12	41 849	10	7 572	9	-	-	55 747
Other Eucalyptus	415	25	22	12	11 327	9	2 945	10	25	14	14 734
Wattle	-	-	-	-	-	-	91	11	-	-	91
Other Hardwoods	98	30	253	12	3	9	28	12	77	10	459
Totals	144 161		666		53 179		43 897		102		242 005

Table A3.3 - Zone 3 Central Districts

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	3 516	30	-	-	-	-	12 503	18	5	8	16 024
<i>E. grandis</i>	-	-	-	-	-	-	6	9	-	-	6
Other Eucalyptus	41	25	72	12	632	9	2 652	11	-	-	3 397
Wattle	-	-	-	-	-	-	39	10	-	-	39
Other Hardwoods	3	50	-	-	-	-	-	-	-	-	3
Totals	3 560		72		632		15 200		5		19 469

Table A3.4 - Zone 4 Mpumulanga South

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	64 947	27	-	-	-	-	62 508	17	565	28	128 019
<i>E. grandis</i>	148	25	725	11	3 613	9	24 363	9	-	-	28 850
Other Eucalyptus	286	24	-	-	820	10	84 435	9	382	10	85 922
Wattle	-	-	-	-	243	9	18 737	10	103	9	19 083
Other Hardwoods	26	23	-	-	410	19	2 061	13	474	29	2 970
Totals	65 406		725		5 085		192 105		1 523		264 844

Table A3.5 - Zone 5 Maputaland

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	5 771	30	-	-	-	-	4 496	16	-	-	10 268
<i>E. grandis</i>	-	-	-	-	-	-	8 421	10	7	10	8 428
Other Eucalyptus	-	-	-	-	-	-	622	10	3	10	625
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	-	-	4	18	-	-	-	-	12	13	15
Totals	5 771		4		-		13 540		21		19 336

Table A3.6 - Zone 6 Zululand

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	12 528	19	-	-	-	-	7 328	17	-	-	19 856
<i>E. grandis</i>	820	22	135	12	-	-	69 391	8	5	9	70 351
Other Eucalyptus	33	15	-	-	-	-	23 117	9	-	-	23 150
Wattle	-	-	-	-	-	-	6 485	10	-	-	6 485
Other Hardwoods	17	30	-	-	-	-	25	9	1 518	18	1 560
Totals	13 398		135		-		106 346		1 524		121 402

Table A3.7 - Zone 7 KwaZulu-Natal Midlands

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	20 062	25	146	18	-	-	41 015	17	5	10	61 228
<i>E. grandis</i>	77	22	649	12	404	8	49 062	9	48	10	50 240
Other Eucalyptus	135	24	16	12	328	9	34 027	9	1	10	34 507
Wattle	-	-	-	-	535	10	48 515	10	643	10	49 694
Other Hardwoods	12	26	238	10	36	12	1 066	15	71	19	1 423
Totals	20 286		1 049		1 304		173 684		768		197 092

Table A3.8 - Zone 8 Northern KwaZulu-Natal

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	11 248	27	-	-	-	-	6 787	16	-	-	18 036
<i>E. grandis</i>	11	22	69	10	619	9	26 371	9	41	6	27 110
Other Eucalyptus	-	-	240	12	-	-	21 087	9	-	-	21 327
Wattle	-	-	-	-	61	10	24 298	10	336	9	24 694
Other Hardwoods	-	-	210	12	-	-	168	10	27	10	406
Totals	11 259		519		680		78 711		404		91 573

Table A3.9 - Zone 9 Southern KwaZulu-Natal

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	25 586	28	-	-	-	-	17 396	17	-	-	42 983
<i>E. grandis</i>	135	22	333	10	14	11	31 783	9	4	4	32 268
Other Eucalyptus	61	10	8	12	60	12	21 373	8	-	-	21 502
Wattle	-	-	-	-	263	10	11 662	10	53	9	11 978
Other Hardwoods	36	20	-	-	6	12	237	18	61	14	340
Totals	25 818		341		343		82 452		118		109 071

Table A3.11 - Zone 11 Eastern Cape

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	96 904	28	60	20	-	-	14 530	15	9	25	111 503
<i>E. grandis</i>	348	22	8 930	12	802	10	3 020	9	138	8	13 238
Other Eucalyptus	21	28	2 690	12	257	9	1 615	10	122	9	4 705
Wattle	-	-	-	-	7	10	205	10	552	10	764
Other Hardwoods	136	20	1 628	10	148	10	109	15	204	28	2 225
Totals	97 408		13 308		1 215		19 479		1 024		132 434

Table A3.12 - Zone 12 Southern Cape

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	52 838	35	7 042	25	-	-	10	18	-	-	59 890
<i>E. grandis</i>	-	-	-	-	-	-	14	9	-	-	14
Other Eucalyptus	847	31	-	-	-	-	82	10	16	30	946
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	2 195	26	-	-	-	-	20	10	306	20	2 521
Totals	55 881		7 042		-		126		322		63 371

Table A3.13 - Zone 13 Western Cape

Area according to main purpose for which trees are grown 2003/2004

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	15 783	0	149	-	-	-	2	-	1 585	-	17 519
<i>E. grandis</i>	-	-	5	-	-	-	55	-	7	-	67
Other Eucalyptus	-	-	-	-	5	-	168	-	188	-	361
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	2	-	-	-	-	-	1	-	282	-	285
Totals	15 785		154		5		226		2 062		18 232

Table A4.0 - Total for South Africa

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	2 790 555	35 283	-	2 380 346	7 198	19 388
	Pub	2 195 491	62 644	-	384 655	17 135	38 586
Total Softwoods		5 040 134	97 927	-	2 765 001	24 333	57 974
<i>E. grandis</i>	Pvt	161 269	138 792	539 888	4 063 219	13 679	25 938
	Pub	96 833	219 313	31 199	39 079	39 714	3 502
Total <i>E. grandis</i>		258 102	358 106	571 087	4 102 298	53 393	29 440
Other Gum	Pvt	21 422	14 661	90 068	2 386 191	22 582	7 590
	Pub	2 797	30 164	4 550	265 539	26 788	472
Total Other Gum		24 219	44 825	94 618	2 651 730	49 370	8 062
Wattle	Pvt	-	385	1 462	799 661	78 695	17 844
	Pub	-	5 091	3 500	3 520	4 834	4 249
Total Wattle		-	5 476	4 962	803 181	83 529	22 093
Other Hardwoods	Pvt	15	-	-	6 872	75	10 831
	Pub	28 104	-	-	-	800	4
Total Other Hardwoods		28 119	-	-	6 872	875	10 835
Totals	Pvt	3 027 348	189 121	631 419	9 636 290	122 229	81 591
	Pub	2 323 225	317 213	39 249	692 793	89 271	46 813
Total		5 350 573	506 334	670 668	10 329 083	211 500	128 404

Table A4.1 - Zone 1 Limpopo Province

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	54 857	378	-	84 928	769	17 275
	Pub	164 775	-	-	-	6 877	3 470
Total Softwoods		219 632	378	-	84 928	7 646	20 745
<i>E. grandis</i>	Pvt	120 501	32 818	85 976	17 548	7 327	24 872
	Pub	-	12 141	13 511	-	24 546	-
Total <i>E. grandis</i>		120 501	44 959	99 487	17 548	31 873	24 872
Other Gum	Pvt	-	-	44 700	9 259	-	6 738
	Pub	747	6 046	-	-	3 763	-
Total Other Gum		747	6 046	44 700	9 259	3 763	6 738
Wattle	Pvt	-	-	-	3 000	4 044	-
	Pub	-	-	-	-	1 521	-
Total Wattle		-	-	-	3 000	5 565	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	27 564	-	-	-	-	-
Total Other Hardwoods		27 564	-	-	-	-	-
Totals	Pvt	175 358	33 196	130 676	114 735	12 140	48 885
	Pub	193 086	18 187	13 511	-	36 707	3 470
Total		368 444	51 383	144 187	114 735	48 847	52 355

Table A4.2 - Zone 2 Mpumalanga North

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	724 486	1 457	-	528 998	6 429	706
	Pub	861 027	-	-	101 991	8 300	20 503
Total Softwoods		1 585 513	1 457	-	630 989	14 729	21 209
<i>E. grandis</i>	Pvt	30 990	14 202	383 586	601 451	1 200	20
	Pub	53 973	12 559	9 777	286	3 273	1 105
Total <i>E. grandis</i>		84 962	26 761	393 364	601 737	4 473	1 125
Other Gum	Pvt	-	-	14 777	108 776	-	-
	Pub	65	846	-	-	-	-
Total Other Gum		65	846	14 777	108 776	-	-
Wattle	Pvt	-	-	-	483	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	483	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	360	-	-	-	-	-
Total Other Hardwoods		360	-	-	-	-	-
Totals	Pvt	755 476	15 659	398 363	1 239 708	7 629	726
	Pub	915 425	13 405	9 777	102 277	11 573	21 608
Total		1 670 900	29 064	408 141	1 341 985	19 202	22 334

Table A4.3 - Zone 3 Central Districts

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	-	-	-	100 613	-	-
	Pub	21 918	-	-	5 207	237	-
Total Softwoods		21 918	-	-	105 820	237	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	10	-
Total <i>E.grandis</i>		-	-	-	-	10	-
Other Gum	Pvt	-	-	-	70 120	-	-
	Pub	-	-	4 550	-	-	-
Total Other Gum		-	-	4 550	70 120	-	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	171 145	-	-
	Pub	21 918	-	4 550	5 207	247	-
Total		21 918	-	4 550	176 352	247	-

Table A4.4 - Zone 4 Mpumalanga South

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	463 327	20	-	633 833	-	-
	Pub	255 801	-	-	29 245	1 494	13 854
Total Softwoods		719 128	20	-	663 078	1 494	13 854
<i>E. grandis</i>	Pvt	175	34 379	60 743	424 816	-	291
	Pub	-	-	7 911	10 000	-	-
Total <i>E. grandis</i>		175	34 379	68 654	434 816	-	291
Other Gum	Pvt	900	6 682	30 500	847 631	17 005	49
	Pub	-	-	-	-	80	-
Total Other Gum		900	6 682	30 500	847 631	17 084	49
Wattle	Pvt	-	195	-	130 520	6 663	920
	Pub	-	-	3 500	3 520	-	4 249
Total Wattle		-	195	3 500	134 040	6 663	5 169
Other Hardwoods	Pvt	-	-	-	-	75	7 908
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	75	7 908
Totals	Pvt	464 402	41 277	91 244	2 036 800	23 743	9 168
	Pub	255 801	-	11 411	42 765	1 574	18 103
Total		720 203	41 277	102 655	2 079 565	25 316	27 271

Table A4.5 - Zone 5 Maputaland

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	-	-	-	-	-	-
	Pub	53 073	-	-	68 952	-	300
Total Softwoods		53 073	-	-	68 952	-	300
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	13 500	-	-
Total <i>E. grandis</i>		-	-	-	13 500	-	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	-	-	-
	Pub	53 073	-	-	82 452	-	300
Total		53 073	-	-	82 452	-	300

Table A4.6 - Zone 6 Zululand

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	9 136	-	-	132 407	-	-
	Pub	120 990	-	-	167 868	-	-
Total Softwoods		130 126	-	-	300 275	-	-
<i>E. grandis</i>	Pvt	-	4 906	-	1 146 763	10	-
	Pub	34 678	-	-	200	45	-
Total <i>E. grandis</i>		34 678	4 906	-	1 146 963	55	-
Other Gum	Pvt	-	3 180	-	584 995	-	-
	Pub	-	-	-	259 684	25	-
Total Other Gum		-	3 180	-	844 679	25	-
Wattle	Pvt	-	-	-	64 822	200	350
	Pub	-	-	-	-	30	-
Total Wattle		-	-	-	64 822	230	350
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	9 136	8 086	-	1 928 987	210	350
	Pub	155 668	-	-	427 752	100	-
Total		164 804	8 086	-	2 356 739	310	350

Table A4.7 - Zone 7 KwaZulu-Natal Midlands

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	495 349	2 700	-	617 988	-	1 407
	Pub	7 119	10	-	733	50	-
Total Softwoods		502 468	2 710	-	618 721	50	1 407
<i>E. grandis</i>	Pvt	6 075	29 528	700	810 152	2 434	455
	Pub	-	659	-	15 093	-	-
Total <i>E. grandis</i>		6 075	30 187	700	825 245	2 434	455
Other Gum	Pvt	-	2 526	-	320 611	-	-
	Pub	-	-	-	3 428	369	-
Total Other Gum		-	2 526	-	324 039	369	-
Wattle	Pvt	-	33	1 462	385 836	21 034	13 282
	Pub	-	-	-	-	-	-
Total Wattle		-	33	1 462	385 836	21 034	13 282
Other Hardwoods	Pvt	-	-	-	-	-	2 866
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	2 866
Totals	Pvt	501 424	34 787	2 162	2 134 587	23 468	18 010
	Pub	7 119	669	-	19 254	419	-
Total		508 543	35 456	2 162	2 153 840	23 887	18 010

Table A4.8 - Zone 8 Northern KwaZulu-Natal

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	59 654	-	-	19 311	-	-
	Pub	28 285	-	-	3 684	-	-
Total Softwoods		87 939	-	-	22 995	-	-
<i>E. grandis</i>	Pvt	-	1 476	6 673	419 391	1 763	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	1 476	6 673	419 391	1 763	-
Other Gum	Pvt	6 000	256	91	299 417	5 124	-
	Pub	-	-	-	-	-	371
Total Other Gum		6 000	256	91	299 417	5 124	371
Wattle	Pvt	-	20	-	152 188	46 019	308
	Pub	-	-	-	-	-	-
Total Wattle		-	20	-	152 188	46 019	308
Other Hardwoods	Pvt	-	-	-	5 320	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	5 320	-	-
Totals	Pvt	65 654	1 752	6 764	895 628	52 906	308
	Pub	28 285	-	-	3 684	-	371
Total		93 939	1 752	6 764	899 312	52 906	679

Table A4.9 - Zone 9 Southern KwaZulu-Natal

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	264 696	-	-	212 112	-	-
	Pub	-	-	-	-	-	-
Total Softwoods		264 696	-	-	212 112	-	-
<i>E. grandis</i>	Pvt	3 528	17 110	2 210	616 732	300	300
	Pub	2 500	-	-	-	15	-
Total <i>E. grandis</i>		6 028	17 110	2 210	616 732	315	300
Other Gum	Pvt	-	1 401	-	138 340	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	1 401	-	138 340	-	-
Wattle	Pvt	-	137	-	62 400	735	2 984
	Pub	-	-	-	-	-	-
Total Wattle		-	137	-	62 400	735	2 984
Other Hardwoods	Pvt	-	-	-	1 440	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	1 440	-	-
Totals	Pvt	268 224	18 648	2 210	1 031 024	1 035	3 284
	Pub	2 500	-	-	-	15	-
Total		270 724	18 648	2 210	1 031 024	1 050	3 284

Table A4.11 - Zone 11 Eastern Cape

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	491 403	-	-	40 152	-	-
	Pub	266 049	15 333	-	2 546	177	-
Total Softwoods		757 452	15 333	-	42 698	177	-
<i>E. grandis</i>	Pvt	-	4 372	-	26 367	645	-
	Pub	-	193 954	-	-	11 825	2 397
Total <i>E. grandis</i>		-	198 326	-	26 367	12 470	2 397
Other Gum	Pvt	-	-	-	4 154	-	-
	Pub	-	22 236	-	-	21 752	-
Total Other Gum		-	22 236	-	4 154	21 752	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	5 091	-	-	3 283	-
Total Wattle		-	5 091	-	-	3 283	-
Other Hardwoods	Pvt	-	-	-	-	-	57
	Pub	180	-	-	-	-	-
Total Other Hardwoods		180	-	-	-	-	57
Totals	Pvt	491 403	4 372	-	70 673	645	57
	Pub	266 229	236 614	-	2 546	37 037	2 397
Total		757 632	240 986	-	73 219	37 682	2 454

Table A4.12 - Zone 12 Southern Cape

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	193 452	27 039	-	1 663	-	-
	Pub	339 689	37 918	-	3 930	-	-
Total Softwoods		533 141	64 957	-	5 593	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	5 682	-	-	-	-	-
Total <i>E. grandis</i>		5 682	-	-	-	-	-
Other Gum	Pvt	14 522	616	-	2 888	-	27
	Pub	206	1 036	-	1 927	-	101
Total Other Gum		14 728	1 652	-	4 815	-	128
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	15	-	-	112	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		15	-	-	112	-	-
Totals	Pvt	207 989	27 655	-	4 663	-	27
	Pub	345 577	38 954	-	5 857	-	101
Total		553 565	66 609	-	10 520	-	128

Table A4.13 - Zone 13 Western Cape

Timber Products sold from Plantations 2003/2004

Species		Sawlogs and Veneerlogs m ³	Poles and Droppers m ³	Mining Timber tons	Pulpwood tons	Charcoal and Firewood tons	Other Products tons
Softwoods	Pvt	88 283	3 689	-	8 340	-	-
	Pub	76 766	9 383	-	500	-	459
Total Softwoods		165 049	13 072	-	8 840	-	459
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	-	-	-	-	453	776
	Pub	1 779	-	-	500	800	-
Total Other Gum		1 779	-	-	500	1 253	776
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	800	4
Total Other Hardwoods		-	-	-	-	800	4
Totals	Pvt	88 283	3 689	-	8 340	453	776
	Pub	78 545	9 383	-	1 000	1 600	463
Total		166 828	13 072	-	9 340	2 053	1 239

Table A5.0 - Total for South Africa

Damage by fire and other causes

2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	1 424	21 020	1 510	30	2 692	431	25 683
Hardwood	1 210	7 306	7 089	42	926	184	15 547
Total	2 634	28 326	8 599	72	3 619	614	41 229

Causes of fires:

	Area	%
	ha	
Natural	3 439	12
Accidental	11 077	39
Arson	4 761	17
Unknown	9 049	32
	<u>28 326</u>	<u>100</u>

Table A5.1 - Zone 1 Limpopo Province

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	38	236	-	-	-	-	236
Hardwood	211	317	-	-	4	-	321
Total	249	554	-	-	4	-	558

Causes of fires:

	Area	
	ha	%
Natural	8	1
Accidental	219	39
Arson	282	51
Unknown	45	8
	<u>554</u>	<u>100</u>

Table A5.2 - Zone 2 Mpumalanga North

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	80	10 278	30	-	17	2	10 327
Hardwood	101	2 833	-	-	-	-	2 833
Total	181	13 111	30	-	17	2	13 160

Causes of fires:

	Area	%
	ha	
Natural	729	6
Accidental	6 298	48
Arson	154	1
Unknown	5 930	45
	<u>13 111</u>	<u>100</u>

Table A5.3 - Zone 3 Central Districts

Damage by fire and other causes

2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	1	208	-	-	-	-	208
Hardwood	1	180	-	-	-	-	180
Total	2	388	-	-	-	-	388

Causes of fires:

	Area	
	ha	%
Natural	388	100
Accidental	-	0
Arson	-	0
Unknown	-	0
	<u>388</u>	<u>100</u>

Table A5.4 - Zone 4 Mpumalanga South**Damage by fire and other causes****2003/2004**

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	362	2 534	1 419	22	673	158	4 807
Hardwood	173	949	98	-	161	20	1 228
Total	535	3 483	1 517	22	835	178	6 035

Causes of fires:

	Area	
	ha	%
Natural	391	11
Accidental	316	9
Arson	1 796	52
Unknown	980	28
	<u>3 483</u>	<u>100</u>

Table A5.5 - Zone 5 Maputaland

Damage by fire and other causes

2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	1	300	-	-	-	-	300
Hardwood	1	300	-	-	-	-	300
Total	2	600	-	-	-	-	600

Causes of fires:

	Area	
	ha	%
Natural	-	0
Accidental	-	0
Arson	-	0
Unknown	600	100
	<u>600</u>	<u>100</u>

Table A5.6 - Zone 6 Zululand

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	52	448	-	-	-	-	448
Hardwood	193	782	-	-	-	4	786
Total	245	1 230	-	-	-	4	1 234

Causes of fires:

	Area	
	ha	%
Natural	345	28
Accidental	232	19
Arson	398	32
Unknown	254	21
	<u>1 230</u>	<u>100</u>

Table A5.7 - Zone 7 KwaZulu-Natal Midlands

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	195	1 307	28	-	1	50	1 386
Hardwood	167	482	3 281	10	6	90	3 870
Total	362	1 790	3 309	10	7	140	5 256

Causes of fires:

	Area	
	ha	%
Natural	742	41
Accidental	442	25
Arson	537	30
Unknown	68	4
	<u>1 790</u>	<u>100</u>

Table A5.8 - Zone 8 Northern KwaZulu-Natal

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	40	470	2	-	-	-	472
Hardwood	170	1 043	667	32	749	39	2 530
Total	210	1 513	669	32	749	39	3 002

Causes of fires:

	Area	
	ha	%
Natural	35	2
Accidental	306	20
Arson	801	53
Unknown	371	25
	<u>1 513</u>	<u>100</u>

Table A5.9 - Zone 9 Southern KwaZulu-Natal

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	193	729	1	-	-	21	751
Hardwood	172	88	3 043	-	6	31	3 167
Total	365	817	3 044	-	6	52	3 918

Causes of fires:

	Area	
	ha	%
Natural	1	0
Accidental	70	9
Arson	301	37
Unknown	445	54
	<u>817</u>	<u>100</u>

Table A5.11 - Zone 11 Eastern Cape

Damage by fire and other causes 2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	362	3 342	-	7	2 000	200	5 549
Hardwood	21	260	-	-	-	-	260
Total	383	3 602	-	7	2 000	200	5 809

Causes of fires:

	Area	%
	ha	
Natural	1	0
Accidental	2 858	79
Arson	406	11
Unknown	336	9
	<u>3 602</u>	<u>100</u>

Table A5.12 - Zone 12 Southern Cape

Damage by fire and other causes

2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	26	767	1	-	-	-	768
Hardwood	-	72	-	-	-	-	72
Total	26	839	1	-	-	-	840

Causes of fires:

	Area	
	ha	%
Natural	745	89
Accidental	4	0
Arson	81	10
Unknown	8	1
	<u>839</u>	<u>100</u>

Table A5.13 - Zone 13 Western Cape

Damage by fire and other causes

2003/2004

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	74	400	29	1	1	-	431
Hardwood	-	-	-	-	-	-	-
Total	74	400	29	1	1	-	431

Causes of fires:

	Area	
	ha	%
Natural	54	13
Accidental	332	83
Arson	3	1
Unknown	11	3
	<u>400</u>	<u>100</u>

Table A6.0 - Total for South Africa

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	3 253	632	20	1 380	5 285
	Pub	132	4	-	2 011	2 147
Total Softwood		3 385	636	20	3 391	7 432
Eucalyptus Species	Pvt	5 671	1 316	102	507	7 596
	Pub	73	59	-	125	257
Total Eucalyptus		5 744	1 375	102	632	7 853
Wattle	Pvt	618	868	3 475	142	5 103
	Pub	-	-	-	-	-
Total Wattle		618	868	3 475	142	5 103
Other Hardwood Species	Pvt	263	613	90	419	1 385
	Pub	-	-	-	-	-
Total Other Hardwood		263	613	90	419	1 385
	Pvt	6 552	4 734	2 038	3 597	19 368
	Pub	73	132	63	2 137	2 405
Total Conversion		6 625	4 866	2 101	4 585	21 773

Table A6.1 - Zone 1 Limpopo Province

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to						
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses	Total	
	ha	ha	ha	ha	ha	ha	
Softwood Species	Pvt	57	-	-	-	57	
	Pub	-	-	-	-	-	
Total Softwood		57	-	-	-	57	
Eucalyptus Species	Pvt	15	-	-	35	50	
	Pub	-	-	-	-	-	
Total Eucalyptus		15	-	-	35	50	
Wattle	Pvt	-	-	3 420	-		
	Pub	-	-	-	-		
Total Wattle		-	-	3 420	-	-	
Other Hardwood Species	Pvt	-	-	-	-		
	Pub	-	-	-	-		
Total Other Hardwood		-	-	-	-	-	
Total Conversion	Pvt	15	57	-	3 420	35	107
	Pub	-	-	-	-	-	-
Total Conversion		15	57	-	3 420	35	107

Table A6.2 - Zone 2 Mpumalanga North

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to						
	Softwood Species	Eucalyptus Species	Wattle	Other Hardwood Species	Agriculture and Other Uses	Total	
	ha	ha	ha	ha	ha	ha	
Softwood Species	Pvt	539	-	-	20	559	
	Pub	95	-	-	7	102	
Total Softwood		634	-	-	27	661	
Eucalyptus Species	Pvt	792	-	-	40	832	
	Pub	-	-	-	16	16	
Total Eucalyptus		792	-	-	56	848	
Wattle	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Wattle		-	-	-	-	-	
Other Hardwood Species	Pvt	222	-	-	7	229	
	Pub	-	-	-	-	-	
Total Other Hardwood		222	-	-	7	229	
Total Conversion	Pvt	1 014	539	-	-	67	1 620
	Pub	-	95	-	-	23	118
Total Conversion		1 014	634	-	-	90	1 738

Table A6.3 - Zone 3 Central Districts

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	349	-	-	-	349
	Pub	-	-	-	-	-
Total Softwood		349	-	-	-	349
Eucalyptus Species	Pvt	551	-	-	-	551
	Pub	-	-	-	-	-
Total Eucalyptus		551	-	-	-	551
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	551	349	-	-	900
	Pub	-	-	-	-	-
Total Conversion		551	349	-	-	900

Table A6.4 - Zone 4 Mpumalanga South

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	360	69	14	453	896
	Pub	-	-	-	-	-
Total Softwood		360	69	14	453	896
Eucalyptus Species	Pvt	3 236	109	37	26	3 408
	Pub	40	51	-	-	91
Total Eucalyptus		3 276	160	37	26	3 499
Wattle	Pvt	140	81	-	-	221
	Pub	-	-	-	-	-
Total Wattle		140	81	-	-	221
Other Hardwood Species	Pvt	41	-	-	381	422
	Pub	-	-	-	-	-
Total Other Hardwood		41	-	-	381	422
	Pvt	3 418	441	178	859	4 947
	Pub	40	-	51	-	91
Total Conversion		3 458	441	229	859	5 038

Table A6.5 - Zone 5 Maputaland

Conversion of existing plantation areas 2003/2004

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

Table A6.6 - Zone 6 Zululand

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	89	160	-	14	263
	Pub	-	-	-	-	-
Total Softwood		89	160	-	14	263
Eucalyptus Species	Pvt	-	1	-	45	46
	Pub	-	-	-	94	94
Total Eucalyptus		-	1	-	139	140
Wattle	Pvt	-	30	-	-	30
	Pub	-	-	-	-	-
Total Wattle		-	30	-	-	30
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	119	161	59	339
	Pub	-	-	-	94	94
Total Conversion		-	119	161	153	433

Table A6.7 - Zone 7 KwaZulu-Natal Midlands

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	751	391	-	65	1 208
	Pub	-	-	-	-	-
Total Softwood		751	391	-	65	1 208
Eucalyptus Species	Pvt	1 047	589	24	199	1 859
	Pub	-	8	-	-	8
Total Eucalyptus		1 047	596	24	199	1 867
Wattle	Pvt	468	393	45	97	1 002
	Pub	-	-	-	-	-
Total Wattle		468	393	45	97	1 002
Other Hardwood Species	Pvt	-	600	-	31	631
	Pub	-	-	-	-	-
Total Other Hardwood		-	600	-	31	631
	Pvt	1 515	1 745	980	392	4 700
	Pub	-	-	8	-	8
Total Conversion		1 515	1 745	988	392	4 708

Table A6.8 - Zone 8 Northern KwaZulu-Natal

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	46	12	6	-	63
	Pub	-	-	-	-	-
Total Softwood		46	12	6	-	63
Eucalyptus Species	Pvt	21	132	41	-	194
	Pub	-	-	-	-	-
Total Eucalyptus		21	132	41	-	194
Wattle	Pvt	8	78	-	-	86
	Pub	-	-	-	-	-
Total Wattle		8	78	-	-	86
Other Hardwood Species	Pvt	-	-	90	-	90
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	90	-	90
	Pvt	29	124	233	47	433
	Pub	-	-	-	-	-
Total Conversion		29	124	233	47	433

Table A6.9 - Zone 9 Southern KwaZulu-Natal

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	1 062	-	-	-	1 062
	Pub	-	-	-	-	-
Total Softwood		1 062	-	-	-	1 062
Eucalyptus Species	Pvt	8	486	-	162	656
	Pub	-	-	-	-	-
Total Eucalyptus		8	486	-	162	656
Wattle	Pvt	2	286	10	45	343
	Pub	-	-	-	-	-
Total Wattle		2	286	10	45	343
Other Hardwood Species	Pvt	-	13	-	-	13
	Pub	-	-	-	-	-
Total Other Hardwood		-	13	-	-	13
	Pvt	10	1 361	486	208	2 074
	Pub	-	-	-	-	-
Total Conversion		10	1 361	486	208	2 074

Table A6.11 - Zone 11 Eastern Cape

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	-	-	-	-	-
	Pub		37	4	-	57
Total Softwood			37	4	-	57
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	37	-	-	57
	Pub	-	37	4	-	57
Total Conversion		-	37	4	-	57

Table A6.12 - Zone 12 Southern Cape

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	-	-	-	391	391
	Pub	-	-	-	1 907	1 907
Total Softwood		-	-	-	2 298	2 298
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	33	-	-	15	48
Total Eucalyptus		33	-	-	15	48
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	-	-	391	391
	Pub	33	-	-	1 922	1 955
Total Conversion		33	-	-	2 313	2 346

Table A6.13 - Zone 13 Western Cape

Conversion of existing plantation areas 2003/2004

<u>Converted from</u>	Converted to					
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	Total ha
Softwood Species	Pvt	-	-	-	437	437
	Pub	-	-	-	40	40
Total Softwood		-	-	-	477	477
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	-	-	437	437
	Pub	-	-	-	40	40
Total Conversion		-	-	-	477	477

Table A7.0 - Total for South Africa

New afforestation according to species and purpose

2003/2004

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species ha	Species ha	ha	Hardwoods ha		
Sawlogs	Pvt	68	-	-	-	68	3
	Pub	-	-	-	-	-	-
Total Sawlogs		68	-	-	-	68	3
Poles	Pvt	-	-	80	-	80	4
	Pub	-	139	-	-	139	7
Total Poles		-	139	80	-	219	11
Mining timber	Pvt	15	135	1	-	151	8
	Pub	-	-	-	-	-	-
Total Mining Timber		15	135	1	-	151	8
Pulpwood	Pvt	447	542	568	-	1 557	78
	Pub	-	-	-	-	-	-
Total Pulpwood		447	542	568	-	1 557	78
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	530	677	649	-	1 856	93
	Pub	-	139	-	-	139	7
Total All		530	816	649	-	1 995	100

Table A7.1 - Zone 7 Limpopo Province

New afforestation according to species and purpose

2003/2004

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	-	-	-	-	-
	Pub	-	139	-	-	139	45
Total Poles		-	139	-	-	139	45
Mining timber	Pvt	-	135	-	-	135	44
	Pub	-	-	-	-	-	-
Total Mining Timber		-	135	-	-	135	44
Pulpwood	Pvt	-	-	32	-	32	10
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	32	-	32	10
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	135	32	-	167	55
	Pub	-	139	-	-	139	45
Total All		-	274	32	-	306	100

Table A7.2 - Zone 2 Mpumalanga North

New afforestation according to species and purpose

2003/2004

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	15	-	-	-	15	100
	Pub	-	-	-	-	-	-
Total Mining Timber		15	-	-	-	15	100
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	15	-	-	-	15	100
	Pub	-	-	-	-	-	-
Total All		15	-	-	-	15	100

Table A7.3 - Zone 3 Central Districts

New afforestation according to species and purpose

2003/2004

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

Table A7.4 - Zone 4 Mpumalanga South

New afforestation according to species and purpose

2003/2004

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	47	106	100	-	253	100
	Pub	-	-	-	-	-	-
Total Pulpwood		47	106	100	-	253	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	47	106	100	-	253	100
	Pub	-	-	-	-	-	-
Total All		47	106	100	-	253	100

Table A7.5 - Zone 5 Maptaland

New afforestation according to species and purpose

2003/2004

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

2003/2004

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	-	414	30	-	445	100
	Pub	-	-	-	-	-	-
Total Pulpwood		-	414	30	-	445	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	414	30	-	445	100
	Pub	-	-	-	-	-	-
Total All		-	414	30	-	445	100

Table A7.7 - Zone 7 KwaZulu-Natal Midlands

New afforestation according to species and purpose

2003/2004

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total	
		Species	Species	ha	Hardwoods			
		ha	ha	ha	ha	ha		
Sawlogs	Pvt	18	-	-	-	18	2	
	Pub	-	-	-	-	-	-	
Total Sawlogs		18	-	-	-	18	2	
Poles	Pvt	-	-	-	-	-	-	
	Pub	-	-	-	-	-	-	
Total Poles		-	-	-	-	-	-	
Mining timber	Pvt	-	-	1	-	1	0	
	Pub	-	-	-	-	-	-	
Total Mining Timber		-	-	1	-	1	0	
Pulpwood	Pvt	400	11	398	-	809	98	
	Pub	-	-	-	-	-	-	
Total Pulpwood		400	11	398	-	809	98	
Other Purposes	Pvt	-	-	-	-	-	-	
	Pub	-	-	-	-	-	-	
Total Other		-	-	-	-	-	-	
		Pvt	418	11	399	-	828	100
		Pub	-	-	-	-	-	
Total All		418	11	399	-	828	100	

Table A7.8 - Zone 8 Northern KwaZulu-Natal

New afforestation according to species and purpose

2003/2004

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	-	80	-	80	82
	Pub	-	-	-	-	-	-
Total Poles		-	-	80	-	80	82
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	10	8	-	18	18
	Pub	-	-	-	-	-	-
Total Pulpwood		-	10	8	-	18	18
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	10	88	-	98	100
	Pub	-	-	-	-	-	-
Total All		-	10	88	-	98	100

Table A7.9 - Zone 9 Southern KwaZulu-Natal

New afforestation according to species and purpose

2003/2004

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 A7.11 - Zone 11 Eastern Cape

New afforestation according to species and purpose

2003/2004

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

2003/2004

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

2003/2004

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	50	-	-	-	50	100
	Pub	-	-	-	-	-	-
Total Sawlogs		50	-	-	-	50	100
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	50	-	-	-	50	100
	Pub	-	-	-	-	-	-
Total All		50	-	-	-	50	100

APPENDIX B - Detailed Primary Roundwood Processing Schedules

Table B10.0 - Primary Roundwood Processors by Ownership Type**2003/2004**

Zone	Number of Plants	Companies and Close Corporations	Individuals and Partnerships	State and Local Authorities
1	36	15	20	1
2	34	30	4	-
3	5	5	-	-
4	19	17	2	-
5	1	-	-	1
6	9	8	-	1
7	29	24	5	-
8	10	7	3	-
9	10	9	1	-
11	14	11	3	-
12	13	12	-	1
13	23	20	2	1
Total	203	158	40	5

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

2002/2003

Intake (m³)	Sawmills		Veneer Plants		Pole Impregnation Plants		Mining Timber Mills		Pulp and/or Board Plants		Match Factories		Charcoal Plants	
	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake	Number	% of intake
<5 000	32	1.8	2	5.0	32	23.4	1	0.1	4	0.0	-	-	1	0.7
5001 - 10 000	9	1.5	1	4.3	6	13.0	3	3.8	2	0.1	-	-	1	4.5
10 001 - 20 000	18	6.0	-	-	4	20.5	2	5.6	2	0.2	-	-	1	5.0
20 001 - 50 000	21	14.7	-	-	1	9.2	5	29.2	2	0.4	1	100.0	-	-
50 001 - 100 000	17	27.6	2	90.7	2	33.9	2	21.8	3	1.5	-	-	1	40.5
100 001 - 150 000	4	10.4	-	-	-	-	2	39.6	1	1.1	-	-	1	49.3
150 001 - 200 000	4	14.5	-	-	-	-	-	-	1	1.5	-	-	-	-
> 200 000	3	23.4	-	-	-	-	-	-	9	95.2	-	-	-	-
Total	108	100.0	5	100.0	45	100.0	15	100.0	24	100.0	1	100.0	5	100.0

Table B120 - Value of Fixed Assets**2003/2004**

Asset Category	Rand	% of total
Land, Buildings and Housing	2 000 508 311	9.6
Machinery, Equipment and Furniture	18 109 601 828	87.3
Vehicles	362 837 650	1.8
Other	273 178 765	1.3
Total Fixed Assets	20 746 126 554	100.0

Table B13.0 -Value of Fixed Assets per Sector**2003/2004**

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	297 298 959	15 624 632	38 712 764	3 131 760	1 320 095 004	33 499 447	292 145 745
Machinery, Equipment and Furniture	619 831 740	123 594 991	43 065 662	4 962 476	17 056 782 268	46 588 596	214 776 095
Vehicles	75 150 906	1 949 904	13 657 313	5 416 449	252 752 311	3 265 108	10 645 659
Other	4 926 053	420 524	129 436	7 334	245 145 896	0	22 549 522
Total	997 207 658	141 590 051	95 565 175	13 518 019	18 874 775 479	83 353 151	540 117 021

Table B14.0 Total for South Africa

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	3 938 809	83 184	124 987	40 695	40 695	3 244 559	3 244 559	36 347	37 437	-	-	52 003
	Pub	136 029	-	-	-	-	-	-	-	-	-	-	235 128
	Tot	4 074 838	83 184	124 987	40 695	40 695	3 244 559	3 244 559	36 347	37 437	-	-	287 131
<i>E. grandis</i>	Pvt	466 753	52 000	190 262	514 156	755 809	4 841 806	7 117 455	-	-	-	-	78 693
	Pub	-	-	299	-	-	-	-	-	-	-	-	21 032
	Tot	466 753	52 000	190 561	514 156	755 809	4 841 806	7 117 455	-	-	-	-	99 725
Other gum species	Pvt	14 466	477	12 268	-	-	3 380 008	4 225 010	-	-	70 330	87 913	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	14 466	477	12 268	-	-	3 380 008	4 225 010	-	-	70 330	87 913	-
Wattle species	Pvt	-	-	-	-	-	1 287 463	1 465 133	-	-	141 790	161 357	1 128
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 287 463	1 465 133	-	-	141 790	161 357	1 128
Other Hardwood Species	Pvt	350	6 960	-	-	-	-	-	-	-	-	-	397
	Pub	-	-	-	-	-	-	-	-	-	-	-	2 427
	Tot	350	6 960	-	-	-	-	-	-	-	-	-	2 824
Total	Pvt	4 420 378	142 621	327 517	554 851	796 504	12 753 836	16 052 157	36 347	37 437	212 120	249 270	132 221
	Pub	136 029	-	299	-	-	-	-	-	-	-	-	258 587
	Tot	4 556 407	142 621	327 816	554 851	796 504	12 753 836	16 052 157	36 347	37 437	212 120	249 270	390 808

Table B14.1 Zone 1 Limpopo Province

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	279 111	-	-	-	-	-	-	-	-	-	-	28 079
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	279 111	-	-	-	-	-	-	-	-	-	-	28 079
<i>E. grandis</i>	Pvt	143 564	-	22 966	53 638	78 848	-	-	-	-	-	-	11 084
	Pub	-	-	299	-	-	-	-	-	-	-	-	-
	Tot	143 564	-	23 265	53 638	78 848	-	-	-	-	-	-	11 084
Other gum species	Pvt	550	-	-	-	-	-	-	-	-	69 730	87 163	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	550	-	-	-	-	-	-	-	-	69 730	87 163	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	34 846	39 655	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	34 846	39 655	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	423 225	-	22 966	53 638	78 848	-	-	-	-	104 576	126 817	39 163
	Pub	-	-	299	-	-	-	-	-	-	-	-	-
	Tot	423 225	-	23 265	53 638	78 848	-	-	-	-	104 576	126 817	39 163

Table B14.2 Zone 2 Mpumalanga North

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	1 468 962	68 692	-	-	-	1 451 034	1 451 034	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 468 962	68 692	-	-	-	1 451 034	1 451 034	-	-	-	-	-
<i>E. grandis</i>	Pvt	313 604	-	31 164	315 678	464 047	728	1 070	-	-	-	-	37 652
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	313 604	-	31 164	315 678	464 047	728	1 070	-	-	-	-	37 652
Other gum species	Pvt	-	-	2 400	-	-	492 118	615 148	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	2 400	-	-	492 118	615 148	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	1 782 566	68 692	33 564	315 678	464 047	1 943 880	2 067 252	-	-	-	-	37 652
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 782 566	68 692	33 564	315 678	464 047	1 943 880	2 067 252	-	-	-	-	37 652

Table B14.3 Zone 3 Central Districts

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal	In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³
Softwood	Pvt	-	-	-	-	-	-	-	36 347	37 437	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	36 347	37 437	-	-
<i>E. grandis</i>	Pvt	-	-	21 610	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	21 610	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	336 051	420 064	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	336 051	420 064	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	-	-	21 610	-	-	336 051	420 064	36 347	37 437	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	21 610	-	-	336 051	420 064	36 347	37 437	-	-

Table B14.4 Zone 4 Mpumalanga South

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	496 392	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	496 392	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	26 668	138 840	204 095	117 625	172 909	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	26 668	138 840	204 095	117 625	172 909	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	7 263	9 079	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	7 263	9 079	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	3 120	3 551	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	3 120	3 551	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	496 392	-	26 668	138 840	204 095	128 008	185 538	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	496 392	-	26 668	138 840	204 095	128 008	185 538	-	-	-	-	-

Table B14.5 Zone 5 Maputaland

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal	In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³
Softwood	Pvt	-	-	-	-	-	-	-	-	-	-	-
	Pub	5 118	-	-	-	-	-	-	-	-	-	-
	Tot	5 118	-	-	-	-	-	-	-	-	-	-
<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	5 118	-	-	-	-	-	-	-	-	-	-
	Tot	5 118	-	-	-	-	-	-	-	-	-	-

Table B14.6 Zone 6 Zululand

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	2 489	-	-	-	-	400 554	400 554	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	235 128
	Tot	2 489	-	-	-	-	400 554	400 554	-	-	-	-	235 128
<i>E. grandis</i>	Pvt	-	-	6 000	-	-	2 941 604	4 324 158	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	21 032
	Tot	-	-	6 000	-	-	2 941 604	4 324 158	-	-	-	-	21 032
Other gum species	Pvt	-	-	2 748	-	-	2 069 223	2 586 529	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	2 748	-	-	2 069 223	2 586 529	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	1 227 348	1 396 722	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 227 348	1 396 722	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	2 427
	Tot	-	-	-	-	-	-	-	-	-	-	-	2 427
Total	Pvt	2 489	-	8 748	-	-	6 638 729	8 707 963	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	258 587
	Tot	2 489	-	8 748	-	-	6 638 729	8 707 963	-	-	-	-	258 587

Table B14.7 Zone 7 KwaZulu-Natal Midlands

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	262 225	2 585	6 520	-	-	782 726	782 726	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	262 225	2 585	6 520	-	-	782 726	782 726	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	64 418	-	-	12 196	17 928	-	-	-	-	400
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	64 418	-	-	12 196	17 928	-	-	-	-	400
Other gum species	Pvt	-	-	-	-	-	467 764	584 705	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	467 764	584 705	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	2 486	2 829	-	-	97 944	111 460	400
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	2 486	2 829	-	-	97 944	111 460	400
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	262 225	2 585	70 938	-	-	1 265 172	1 388 188	-	-	97 944	111 460	800
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	262 225	2 585	70 938	-	-	1 265 172	1 388 188	-	-	97 944	111 460	800

Table B14.8 Zone 8 Northern KwaZulu-Natal

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	29 786	-	30 000	40 695	40 695	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	29 786	-	30 000	40 695	40 695	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	2 000	6 000	8 820	-	-	-	-	-	-	10 955
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	2 000	6 000	8 820	-	-	-	-	-	-	10 955
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	600	750	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	600	750	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	9 000	10 242	728
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	9 000	10 242	728
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	29 786	-	32 000	46 695	49 515	-	-	-	-	9 600	10 992	11 683
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	29 786	-	32 000	46 695	49 515	-	-	-	-	9 600	10 992	11 683

Table B14.9 Zone 9 Southern KwaZulu-Natal

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	457 686	-	-	-	-	569 311	569 311	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	457 686	-	-	-	-	569 311	569 311	-	-	-	-	-
<i>E. grandis</i>	Pvt	5 335	-	2 400	-	-	1 769 653	2 601 390	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 335	-	2 400	-	-	1 769 653	2 601 390	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	54 177	61 653	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	54 177	61 653	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	463 021	-	2 400	-	-	2 393 141	3 232 354	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	463 021	-	2 400	-	-	2 393 141	3 232 354	-	-	-	-	-

Table B14.11 Zone 11 Eastern Cape

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m ³	m ³	m ³	t	m ³	t	m ³	t	m ³	t	m ³	m ³
Softwood	Pvt	458 559	-	4 438	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	458 559	-	4 438	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	3 900	-	13 036	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	3 900	-	13 036	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	462 459	-	17 474	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	462 459	-	17 474	-	-	-	-	-	-	-	-	-

Table B14.12 Zone 12 Southern Cape

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	335 530	-	23 209	-	-	26 869	26 869	-	-	-	-	14 456
	Pub	103 264	-	-	-	-	-	-	-	-	-	-	-
	Tot	438 794	-	23 209	-	-	26 869	26 869	-	-	-	-	14 456
<i>E. grandis</i>	Pvt	-	-	-	-	-	-	-	-	-	-	-	18 602
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	18 602
Other gum species	Pvt	13 916	-	7 120	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	13 916	-	7 120	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	332	378	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	332	378	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	397
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	397
Total	Pvt	349 446	-	30 329	-	-	27 201	27 247	-	-	-	-	33 455
	Pub	103 264	-	-	-	-	-	-	-	-	-	-	-
	Tot	452 710	-	30 329	-	-	27 201	27 247	-	-	-	-	33 455

Table B14.13 Zone 13 Western Cape

Roundwood Processed or Transferred In 2003/2004

		Sawlogs	Veneerlogs	Poles	Mining timber		Pulpwood		Matchwood		Charcoal		In Transit
		m³	m³	m³	t	m³	t	m³	t	m³	t	m³	m³
Softwood	Pvt	148 069	11 907	60 820	-	-	14 065	14 065	-	-	-	-	9 468
	Pub	27 647	-	-	-	-	-	-	-	-	-	-	-
	Tot	175 716	11 907	60 820	-	-	14 065	14 065	-	-	-	-	9 468
<i>E. grandis</i>	Pvt	350	52 000	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	350	52 000	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	477	-	-	-	7 589	9 486	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	477	-	-	-	7 589	9 486	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	350	6 960	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	350	6 960	-	-	-	-	-	-	-	-	-	-
Total	Pvt	148 769	71 344	60 820	-	-	21 654	23 551	-	-	-	-	9 468
	Pub	27 647	-	-	-	-	-	-	-	-	-	-	-
	Tot	176 416	71 344	60 820	-	-	21 654	23 551	-	-	-	-	9 468

Table B15.0 Value of Roundwood Purchased or Transferred In**2003/2004**

Product	Private Sector	Public Sector	Total
	Rand	Rand	Purchase Value Rand
Sawlogs and Veneerlogs	925 097 617	29 699 366	954 796 983
Wooden Poles	78 009 511	82 190	78 091 701
Mining Timber	102 174 509	-	102 174 509
Pulpwood	3 051 210 924	-	3 051 210 924
Matchwood	9 726 698	-	9 726 698
Roundwood for Charcoal	20 279 878	-	20 279 878
Total	4 186 499 137	29 781 556	4 216 280 693
Roundwood in transit*	268 005	52 973 571	53 241 576

* Roundwood purchased but not processed by plant

Table B16.0 Value of Sales and/or Transfers-out of Timber and Timber Products**2003/2004**

Product	Value Rand
Sawn and Planed timber	2 098 332 509
Wooden Poles	194 533 801
Mining Timber	178 544 447
Wood-based Panel Products	960 731 490
Woodpulp, Paper and Paper Products	8 857 584 353
Firewood	179 156
Wood Chips (from roundwood)	1 716 088 217
Mill Residues	147 085 580
Charcoal	57 418 667
Other timber Products	604 378 840
Total	14 814 877 060
Roundwood in Transit*	14 240 961

*Roundwood not processed by plant

Table B17.1 Production Volume of Sawn Timber, Poles, Mining timber and Other Timber Products**2003/2004**

Product	Softwood m ³	Hardwood m ³	Total m ³
Sawn and Planed timber			
For building products	1 247 950	19 426	1 267 376
For furniture products	292 065	53 716	345 781
For other products	527 882	42 808	570 690
Total Sawn and Planed timber	2 067 897	115 950	2 183 847
Wooden Poles			
Transmission poles	28 189	62 171	90 360
Telephone poles	1 098	8 890	9 988
Other poles	111 492	88 072	199 564
Total Wooden Poles	140 779	159 133	299 912
	<u>tons</u>	<u>tons</u>	<u>tons</u>
Mining Timber for supports	-	473 641	473 641
Other Products			
Wood chips	99 080	4 543 469	4 642 549
Charcoal	9 600	42 771	52 371
Mill residues	305 955	365 536	671 491
Firewood	6 869	4 833	11 702
Roundwood in transit*	42 867	41 148	84 015

*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**2003/2004**

Product	Softwood	Hardwood	Total
	m ³	m ³	m ³
Sawn and Planed timber			
For building products	1 148 946	19 662	1 168 608
For furniture products	286 716	60 539	347 255
For other products	527 540	39 638	567 178
Total Sawn and Planed timber	1 963 202	119 839	2 083 041
Wooden Poles			
Transmission poles	28 153	62 171	90 324
Telephone poles	1 098	8 890	9 988
Other poles	108 143	87 032	195 175
Total Wooden Poles	137 394	158 093	295 487
	<u>tons</u>	<u>tons</u>	<u>tons</u>
Mining Timber for supports	-	470 957	470 957
Other Products			
Wood chips	99 080	4 359 638	4 458 718
Charcoal	9 600	42 191	51 791
Mill residues	308 217	365 536	673 753
Firewood	6 869	4 828	11 697
Roundwood in transit*	42 867	41 448	84 315

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

Table B18.0 Production and Sales of Woodbased Panel Products and Woodpulp**2003/2004**

Woodbased Panel Products		m ³
Veneer	Own use	6 524
	Sold	11 284
Plywood	Own use	280
	Sold	36 601
Blockboard, Laminboard and Battenboard	Sold	13 808
Particle Board and Chipboard	Sold	558 543
Fibreboard		
Compressed	Sold	65 156
Non-compressed	Sold	-
Woodpulp		tons
Mechanical Pulp	Own use	-
	Sold	308 850
Semi-Chemical Pulp	Own use	157 607
	Sold	35 085
Chemical Pulp	Own use	185 530
	Sold	632 151
Dissolving Pulp	Own use	-
	Sold	556 886