

Commercial Timber Resources and Roundwood Processing in South Africa



• 2002/2003

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

2002/2003

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 2002/2003.

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 1315 plantation returns (2002: 1326) and 182 roundwood timber processing returns (2002: 182). The reason for the slight decline in the number of returns received can be attributed to the fact that some of the growers have combined two or more plantations into one return. 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 2002 to June 2003.

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
June 2004

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STATISTICS IN BRIEF

Commercial Timber Resources

(2001/2002 figures are shown in brackets)

- The total commercial timber plantation area in 2003 was 1 371 625 hectares (1 351 402 ha).
- Private sector ownership accounts for 78% (76%) of the total plantation area.
- Softwood species cover 52% (52%) of the area and hardwood species cover 48% (48%).
- 57% (56%) of the plantation area is managed mainly for pulpwood production, 36% (37%) for sawlog purposes and 4% (4%) for mining timber with the remaining 3% (3%) for other purposes.
- During the 2002/2003 year 10 093 163 tons (8 684 073 tons) were sold as pulpwood, 5 235 844 m³ (4 402 986 m³) as sawlogs and 559 345 tons (496 423 tons) as mining timber.
- The conversion from forestry to other agricultural use was 4 971 hectares (3 517 ha) whilst new afforestation amounted to 7 418 hectares (6 208 ha)

Primary Roundwood Processing

(2001/2002 figures are shown in brackets)

- 194 (182) plants were in operation, of which 109 (103) were sawmills (including veneer and plywood plants), 42 (41) pole treating plants, 22 (20) pulp and board mills and chipping plants and 15 (12) mining timber mills.
- The total roundwood intake during the year was 20 659 355 m³ (17 258 486 m³).
- The delivered at mill cost of the total roundwood intake was R4 080 million (R3 266 million).
- The value of sales of timber products totalled R14 591 million (R13 807 million).
- An amount of some R18 943 million (R18 598 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 = 0.94m ³
Pulpwood	1 ton = 1.0m ³

Eucalyptus grandis

Sawlogs	1 ton = 0.94m ³
Pulpwood	1 ton = 1.47m ³

Other Gum Species

Sawlogs	1 ton = 0.78m ³
Pulpwood	1 ton = 1.25m ³

Wattle 1 ton = 1.138m³

Poplar 1 ton = 1.03m³

COMPARISON OF 2002/2003 WITH 2001/2002

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 lower 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 2002/2003 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 2002/2003 reported area of 1 371 625 hectares is 20 223 hectares, 1.5%, more than the 1 351 402 hectares reported for 2001/2002.

A comparison, by province, of the 2001/2002 reported plantation area and the area included in this Report is given in the table below.

Province	2003		2002		Difference
	Plantation Area		Plantation Area		
	Hectares	%	Hectares	%	Hectares
Limpopo Province	64 326	4.7	66 840	4.9	(2 514)
Mpumalanga	553 145	40.3	545 747	40.4	7 398
North West Province	107	0.0	107	0.0	0
Free State	-	-	-	-	-
KwaZulu-Natal	543 210	39.6	529 433	39.2	13 777
Eastern Cape	150 363	11.0	146 996	10.9	3 367
Western Cape	60 473	4.4	62 279	4.6	(1 806)
Total	1 371 625	100.0	1 351 402	100.0	20 223

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	2003		2002	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	65	4	68	3
Pulpwood	34	82	31	84
Mining Timber	-	9	-	8
Other	1	5	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 17% 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 2002/2003 and 2001/2002 is shown in the table below.

Product	2003		2002	
Sawlogs	5 235 844	m ³	4 402 986	m ³
Poles	487 828	m ³	592 340	m ³
Mining Timber	559 345	tons	496 423	tons
Pulpwood	10 093 163	Tons	8 684 073	tons
Charcoal & Firewood	173 921	Tons	185 528	tons
Other	103 942	Tons	87 789	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, 4.1%, 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 1.86 million tons. This is an increase of 0.56 million tons compared with the previous year. It is a known fact that in the given reporting period 2002/2003, hardwood stockpiles of pulpwood had increased considerably and could account for up to 16% 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 650 000 m³ of the sawlog volume difference can be offset against the pulpwood difference, a plantation area of between 65 000 hectares and 89 000 hectares, in cycle, would be needed to support this annual timber volume difference. This area represents between 4.7% and 6.5% of the 1 371 625 hectares reported in this publication.

If the same offset assumption is made for the sawlog volume difference of 0.34 million cubic metres, the sawn timber production and sales volume are understated by between 300 000 cubic metres and say 360 000 cubic metres. This volume of sawn timber would have a value in the range of R360 million and R432 million, which represents approximately 3% of the reported industry sales value of R14 591 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 2003.

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 78% (1 066 339 ha) is under private sector ownership whilst the other 22% (305 286 ha) is under public ownership. The extent of public ownership will decrease significantly once the partially completed SAFCOL privatisation process is finalised.

Only 14.3% (195 556 ha) of the plantation area is owned by 785 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 363 160 hectares or 51.2% of the total softwood area. The species occurs mainly in Mpumalanga North and South, KwaZulu-Natal and the Eastern Cape. *Pinus elliottii*, comprising 26.7% 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 59 161 hectares and is confined to the Cape regions.

The region with the largest hardwood area is the Province of KwaZulu-Natal where 56% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 47.0% of the total hardwood area. South African hardwoods are grown primarily for pulpwood and mining timber production on an eight to twelve year rotation and hence the apparent young ages of the *Eucalyptus* plantations shown in Table IV.

Primary Management Purpose of Plantations

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

57% of all plantations are managed for pulpwood, 36% for sawlogs, 4% for mining timber and 3% for other purposes. Softwoods are managed mainly for sawlog production (65%), whilst 82% of the hardwood area is managed for pulpwood production.

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

Roundwood Sales

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

A comparison of the plantation sales volumes in Table VI with the roundwood purchases in Table 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 2002/2003 survey amounted to 32 748 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 2002/2003, reported conversions from one timber species to another amounted to 8 244 ha whilst conversion from timber to other land uses amounted to 4 971 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.

36% of the newly afforested area comprised areas planted to Eucalyptus trees, 46% to softwoods, 15% to wattle trees and the balance of 3% to other hardwood species. The private sector was responsible for 62.1% 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**2002/2003**

Region/Zone	2001/2002 ha	2002/2003 ha	% of RSA	Private Ownership	Public Ownership
Northern Regions					
Limpopo Province	66 840	64 327	4.7	40 748	23 579
Mpumalanga North	243 721	254 632	18.6	165 021	89 611
Central Districts	19 427	19 269	1.4	14 100	5 169
Mpumalanga South	282 706	279 353	20.4	253 668	25 685
Total Northern Regions	612 695	617 581	45.0	473 537	144 044
Middle Regions					
Maputaland	19 336	19 336	1.4	-	19 336
Zululand	125 815	130 377	9.5	102 249	28 128
Northern KwaZulu-Natal	81 270	85 359	6.2	82 382	2 977
KwaZulu-Natal Midlands	187 722	191 456	14.0	187 689	3 767
Southern KwaZulu-Natal	115 289	116 683	8.5	114 966	1 717
Total Middle Regions	529 432	543 211	39.6	487 286	55 925
Southern Regions					
Eastern Cape	126 931	129 291	9.4	75 094	54 197
Southern Cape	63 801	62 946	4.6	21 868	41 078
Western Cape	18 543	18 596	1.4	8 554	10 042
Total Southern Regions	209 275	210 833	15.4	105 516	105 317
Total South Africa	1 351 402	1 371 625	100.0	1 066 339	305 286

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

2002/2003

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	230	61	4	295	8	3	11	306	23.3
50 to 99	116	27	6	149	22	1	23	172	13.1
100 to 199	169	45	-	214	38	1	39	253	19.2
200 to 499	177	68	2	247	32	3	35	282	21.4
500 to 999	71	38	-	109	10	1	11	120	9.1
1 000 to 1 999	15	32	-	47	17	-	17	64	4.9
2 000 to 4 999	6	23	-	29	17	1	18	47	3.6
5 000 +	1	49	-	50	21	-	21	71	5.4
Total Number	785	343	12	1 140	165	10	175	1 315	100.0
Total Plantation Area in Hectares									
1 to 49	4 978	1 399	58	6 435	238	48	286	6 721	0.5
50 to 99	8 328	1 990	404	10 722	1 585	70	1 655	12 377	0.9
100 to 199	24 704	6 626	-	31 330	5 507	101	5 608	36 938	2.7
200 to 499	56 693	21 453	436	78 582	9 544	1 053	10 597	89 179	6.5
500 to 999	49 770	27 532	-	77 302	7 019	618	7 637	84 939	6.2
1 000 to 1 999	19 588	44 661	-	64 249	23 744	-	23 744	87 993	6.4
2 000 to 4 999	20 112	78 122	-	98 234	53 643	2 275	55 918	154 152	11.2
5 000 +	11 383	688 102	-	699 485	199 841	-	199 841	899 326	65.6
Total Area	195 556	869 885	898	1 066 339	301 121	4 165	305 286	1 371 625	100.0

Table III - Distribution of Timber Species by Zones**2002/2003**

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	25 472	3.6	38 432	7.1	33	0.0	390	5.0
Mpumalanga North	173 449	24.5	80 779	14.9	-	-	403	5.2
Central Districts	16 379	2.3	2 848	0.5	39	0.0	3	0.0
Mpumalanga South	140 623	19.8	118 321	21.9	18 140	16.0	2 269	29.4
Total Northern Regions	355 922	50.2	240 380	44.4	18 212	16.1	3 064	39.7
Middle Regions								
Maputaland	10 268	1.4	9 053	1.7	-	-	15	0.2
Zululand	19 106	2.7	99 475	18.4	10 237	9.0	1 559	20.2
Northern KwaZulu-Natal	18 189	2.6	43 581	8.0	23 452	20.7	138	1.8
KwaZulu-Natal Midlands	66 829	9.4	76 195	14.1	47 423	41.9	1 009	13.1
Southern KwaZulu-Natal	49 824	7.0	54 780	10.1	11 858	10.5	221	2.9
Total Middle Regions	164 216	23.2	283 083	52.3	92 970	82.1	2 941	38.1
Southern Regions								
Eastern Cape	110 616	15.6	16 095	3.0	2 063	1.8	520	6.7
Southern Cape	60 593	8.5	1 415	0.3	20	0.0	919	11.9
Western Cape	17 846	2.5	468	0.1	-	-	282	3.6
Total Southern Regions	189 055	26.7	17 977	3.3	2 083	1.8	1 721	22.3
Total South Africa	709 194	100.0	541 440	100.0	113 264	100.0	7 726	100.0

Table IV - Age Distribution by Species**2002/2003**

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	48 315	6.8	20 921	3.9	6 023	5.3	50	0.7
0-4 years	108 866	15.4	182 741	33.8	44 472	39.3	789	10.2
4-9 years	164 239	23.2	231 869	42.8	45 950	40.6	2 117	27.4
9-14 years	158 872	22.4	79 566	14.7	13 985	12.3	1 774	23.0
14-19 years	91 584	12.9	17 514	3.2	711	0.6	1 148	14.9
19-24 years	69 687	9.8	2 986	0.6	216	0.2	398	5.1
24-29 years	37 084	5.2	1 598	0.3	45	0.0	195	2.5
29-34 years	18 025	2.5	1 166	0.2	24	0.0	478	6.2
34 + years	11 469	1.6	1 871	0.3	64	0.1	389	5.0
Jungle	1 051	0.1	1 209	0.2	1 775	1.6	389	5.0
Total Area	709 194	100.0	541 440	100.0	113 264	100.0	7 726	100.0

Table V - Plantation Area According to Main Purpose for which Trees are Grown**2002/2003**

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	25 437	7 997	-	5 734	16 617	35	8 507
Mpumalanga North	138 622	9 483	34 827	34 170	35 249	-	2 280
Central Districts	3 509	44	12 864	2 173	601	5	72
Mpumalanga South	64 232	5 697	76 391	126 200	5 188	-	1 645
Total Northern Regions	231 800	23 221	124 082	168 277	57 655	40	12 503
Middle Regions							
Maputaland	5 771	-	4 496	9 044	-	-	25
Zululand	13 049	816	6 058	108 602	-	-	1 853
Northern KwaZulu-Natal	11 418	11	6 767	65 696	567	3	896
KwaZulu-Natal Midlands	20 016	218	45 219	121 486	1 061	1 595	1 862
Southern KwaZulu-Natal	26 102	211	23 722	65 305	467	-	874
Total Middle Regions	76 356	1 257	86 262	370 132	2 095	1 598	5 510
Southern Regions							
Eastern Cape	77 389	109	33 156	3 528	1 201	71	13 839
Southern Cape	60 546	1 477	3	500	55	44	323
Western Cape	15 981	16	7	-	5	1 859	729
Total Southern Regions	153 916	1 601	33 166	4 028	1 261	1 973	14 891
Total South Africa	462 073	26 079	243 510	542 437	61 011	3 611	32 904

Table VI - Roundwood Sales by Product and Zone**2002/2003**

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	371 336	55 037	126 116	94 227	30 197	29 587
Mpumalanga North	1 611 882	31 483	252 984	1 193 079	19 435	38 567
Central Districts	34 000	-	11 000	136 785	210	-
Mpumalanga South	731 759	41 401	139 883	2 546 268	24 103	10 717
Total Northern Regions	2 748 976	127 922	529 983	3 970 359	73 945	78 871
Middle Regions						
Maputaland	53 073	-	-	82 452	-	300
Zululand	167 699	8 794	-	2 391 281	222	1 577
Northern KwaZulu-Natal	90 192	2 823	27 824	563 223	48 570	1 279
KwaZulu-Natal Midlands	440 866	113 340	1 538	2 137 299	30 050	14 562
Southern KwaZulu-Natal	287 624	14 794	-	867 176	1 709	4 090
Total Middle Regions	1 039 454	139 751	29 362	6 041 430	80 551	21 808
Southern Regions						
Eastern Cape	755 596	157 918	-	64 559	17 696	2 397
Southern Cape	551 954	49 977	-	7 162	29	1
Western Cape	139 863	12 259	-	9 653	1 700	865
Total Southern Regions	1 447 413	220 155	-	81 374	19 425	3 262
Total South Africa	5 235 844	487 828	559 345	10 093 163	173 921	103 942

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 194 plants are included in the 2002/2003 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 R18 943 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 20 659 million cubic metres of which pulpwood comprised 72%. 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 080 million (2001/2002 – R3 266 million), see Table B15.0 (Page 111).

Sales of Products

1. Sales Value

The total value of reported sales of timber based products in 2002/2003 amounted to R14 591 million an increase of 5.7% on the value of R13 807 million reported for the 2001/2002 period. Woodpulp and paper products continue to dominate the industry accounting for R8 362 million (2001/2002 R8 642 million) or 57.3% (2001/2002 – 62.2%).

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	2 006 044	m ³
Poles	287 930	m ³
Mining timber	444 760	Tons
Woodchips	3 846 478	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	561 477	Tons
Dissolving pulp	499 990	Tons
Particle board	427 402	m ³
Fibreboard	245 769	m ³

Table VII - Roundwood Intake by Primary Processors**2002/2003**

	m ³	t
Sawlogs and Veneerlogs	4 241 945	
Poles	383 139	
Mining Timber		487 411
Pulpwood		11 954 536
Other		458 630

APPENDIX A – Detailed Commercial Timber Resources Schedules

Table A1.0 - Total for South Africa

Area of Softwood Species by Age Class 2002/2003

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	25 803	9 546	1 255	9 959	-	1 753	48 315
0-1	14 247	4 980	1 109	922	14	3 951	25 223
1-2	13 960	8 621	431	805	26	3 601	27 445
2-3	14 803	6 781	585	1 294	25	4 045	27 534
3-4	14 269	7 260	804	1 664	53	4 615	28 665
4-5	18 128	6 156	867	1 873	-	5 139	32 162
5-6	17 370	6 129	457	2 421	123	4 428	30 928
6-7	18 526	8 787	561	3 247	55	3 558	34 734
7-8	16 546	9 824	807	3 269	22	2 674	33 141
8-9	19 631	7 869	397	2 421	1	2 957	33 275
9-10	16 717	9 284	498	2 418	12	1 813	30 741
10-11	21 843	9 387	666	2 157	14	1 349	35 416
11-12	17 576	8 815	606	2 739	133	1 164	31 033
12-13	19 935	8 499	371	1 855	129	439	31 228
13-14	17 396	10 201	263	1 578	325	690	30 453
14-15	10 937	8 096	173	1 437	327	814	21 784
15-16	8 390	6 458	254	1 344	305	589	17 339
16-17	9 032	6 549	389	1 640	612	536	18 757
17-18	8 845	6 939	765	1 046	429	521	18 545
18-19	7 597	4 887	965	987	388	334	15 159
19-20	9 997	5 513	1 166	690	502	634	18 502
20-21	6 283	4 368	1 953	705	540	365	14 214
21-22	8 106	3 959	2 285	840	525	115	15 829
22-23	4 395	3 160	2 151	912	674	101	11 392
23-24	3 406	3 074	1 900	709	496	166	9 749
24-25	2 753	1 961	1 437	1 082	746	35	8 013
25-26	2 636	1 197	1 371	713	1 065	76	7 059
26-27	2 057	1 748	1 460	1 003	1 189	259	7 716
27-28	2 710	1 939	1 458	1 058	703	213	8 080
28-29	1 911	1 386	1 260	708	861	90	6 216
29-30	1 651	1 145	699	567	395	184	4 640
30-31	1 175	1 305	767	729	325	148	4 448
31-32	532	1 257	407	1 227	2 593	216	6 230
32-33	389	360	357	173	107	128	1 514
33-34	531	253	137	138	80	55	1 193
34+	2 743	1 872	213	2 484	3 538	620	11 469
Jungle	337	84	63	350	4	212	1 051
Total	363 160	189 645	31 309	59 161	17 333	48 586	709 194

Table A1.1 - Zone 1 Limpopo Province

Area of Softwood Species by Age Class 2002/2003

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	618	66	-	13	-	34	732
0-1	469	85	-	5	-	502	1 061
1-2	251	152	-	14	-	459	877
2-3	391	346	13	-	-	410	1 159
3-4	529	191	-	8	-	131	859
4-5	662	175	-	6	-	34	877
5-6	1 056	335	-	4	-	-	1 395
6-7	2 393	454	1	8	-	14	2 870
7-8	643	186	34	17	-	18	898
8-9	629	281	1	11	-	59	981
9-10	437	267	3	30	-	59	797
10-11	646	205	12	12	-	72	947
11-12	720	266	30	16	-	63	1 095
12-13	535	86	-	10	-	28	658
13-14	617	123	-	16	-	96	853
14-15	408	106	-	7	-	46	568
15-16	348	361	-	-	-	50	760
16-17	482	204	-	5	-	4	695
17-18	458	209	23	1	-	25	716
18-19	389	151	31	0	-	47	618
19-20	306	283	35	-	-	24	648
20-21	233	152	84	-	-	56	524
21-22	131	273	90	-	-	-	494
22-23	199	131	50	-	-	18	399
23-24	198	196	196	-	-	38	629
24-25	98	39	244	-	-	13	393
25-26	64	99	126	-	-	29	319
26-27	67	144	176	-	-	-	387
27-28	160	7	112	-	-	33	312
28-29	45	2	141	-	-	13	201
29-30	9	2	138	-	-	-	149
30-31	120	511	390	-	-	68	1 090
31-32	57	-	-	-	-	-	57
32-33	2	44	47	-	-	-	93
33-34	8	59	3	-	-	-	70
34+	30	203	14	-	-	-	247
Jungle	45	-	-	-	-	-	45
Total	14 454	6 395	1 994	183	-	2 446	25 472

Table A1.2 - Zone 2 Mpumalanga North

Area of Softwood Species by Age Class 2002/2003

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	4 088	793	585	-	-	623	6 088
0-1	2 160	642	212	-	-	1 245	4 259
1-2	2 511	1 515	170	-	-	1 388	5 584
2-3	2 859	1 293	298	-	-	1 498	5 948
3-4	3 076	1 163	379	-	-	2 368	6 986
4-5	3 848	1 398	376	-	-	1 486	7 109
5-6	4 162	1 630	277	-	123	1 055	7 247
6-7	4 148	2 883	272	-	-	543	7 846
7-8	5 085	4 804	394	-	-	412	10 695
8-9	5 829	3 174	125	2	-	331	9 462
9-10	3 810	2 850	121	-	-	319	7 100
10-11	3 654	3 293	287	-	-	294	7 528
11-12	2 494	2 266	191	-	-	243	5 195
12-13	3 462	2 302	67	-	-	96	5 928
13-14	4 445	2 707	58	-	-	88	7 299
14-15	3 689	2 205	-	-	-	89	5 982
15-16	3 518	2 013	10	-	-	128	5 669
16-17	3 576	2 376	76	-	-	123	6 151
17-18	2 877	2 136	417	-	-	253	5 684
18-19	2 769	2 062	359	-	-	218	5 407
19-20	2 686	2 392	519	-	-	373	5 971
20-21	1 628	1 640	929	-	-	207	4 404
21-22	4 358	1 437	943	-	-	70	6 808
22-23	1 348	1 372	1 261	-	-	80	4 062
23-24	925	1 479	1 081	-	125	80	3 690
24-25	860	1 121	814	19	-	15	2 829
25-26	990	541	934	-	-	20	2 484
26-27	589	496	683	-	-	41	1 808
27-28	889	482	1 032	1	-	59	2 462
28-29	545	330	635	-	-	43	1 553
29-30	535	169	333	-	-	5	1 042
30-31	498	220	149	-	-	24	891
31-32	125	131	159	-	-	4	419
32-33	109	5	87	-	-	22	223
33-34	106	90	67	-	-	48	310
34+	532	214	95	-	-	121	962
Jungle	222	81	63	-	-	2	368
Total	89 007	55 705	14 453	22	247	14 016	173 449

Table A1.3 - Zone 3 Central Districts

Area of Softwood Species by Age Class 2002/2003

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	916	-	-	-	-	9	925
0-1	389	-	-	-	-	148	537
1-2	471	-	-	-	-	119	590
2-3	359	-	-	-	-	123	482
3-4	127	8	-	-	-	83	218
4-5	320	1	-	-	-	23	344
5-6	235	13	-	-	-	176	424
6-7	372	53	-	-	-	78	503
7-8	533	352	-	8	-	95	988
8-9	763	91	-	-	-	49	903
9-10	516	282	-	-	-	-	798
10-11	677	281	-	-	-	4	962
11-12	566	160	-	-	-	2	728
12-13	672	546	-	-	-	4	1 222
13-14	293	488	-	-	-	1	782
14-15	867	383	-	-	-	89	1 339
15-16	537	120	-	-	-	-	657
16-17	874	68	-	-	-	-	942
17-18	393	47	-	-	-	-	440
18-19	100	30	-	-	-	22	152
19-20	592	180	-	-	-	-	772
20-21	135	169	254	-	-	-	558
21-22	18	191	38	-	-	-	247
22-23	131	-	-	-	-	-	131
23-24	38	22	-	-	-	4	64
24-25	3	18	-	-	-	-	21
25-26	-	10	-	-	-	-	10
26-27	-	-	-	-	-	-	-
27-28	68	41	-	-	-	-	109
28-29	137	-	-	-	-	-	137
29-30	96	-	-	-	-	29	125
30-31	-	-	-	-	-	-	-
31-32	2	-	-	-	-	-	2
32-33	-	-	-	-	-	-	-
33-34	-	-	-	-	-	-	-
34+	138	-	18	-	-	72	228
Jungle	37	-	-	-	-	-	37
Total	11 377	3 554	310	8	-	1 130	16 379

Table A1.4 - Zone 4 Mpumalanga South

Area of Softwood Species by Age Class 2002/2003

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	9 158	605	237	-	-	218	10 217
0-1	3 711	1 203	16	-	-	433	5 363
1-2	4 871	740	-	-	-	433	6 044
2-3	5 827	1 139	20	-	-	470	7 456
3-4	5 524	1 747	26	-	-	513	7 810
4-5	6 548	1 820	65	-	-	573	9 006
5-6	5 250	1 358	5	-	-	485	7 099
6-7	4 883	865	13	-	-	287	6 049
7-8	5 073	1 788	16	-	-	247	7 124
8-9	5 210	1 255	26	-	-	34	6 525
9-10	4 318	2 040	76	1	-	60	6 495
10-11	5 333	1 794	185	-	-	28	7 340
11-12	3 860	1 416	26	-	-	82	5 384
12-13	4 122	1 101	59	-	-	34	5 317
13-14	3 773	1 589	24	-	-	28	5 414
14-15	2 118	1 689	66	-	-	215	4 088
15-16	1 037	902	93	-	-	114	2 146
16-17	1 267	738	186	-	-	28	2 219
17-18	2 413	855	160	-	-	70	3 498
18-19	1 899	512	388	-	-	-	2 799
19-20	4 038	764	391	-	-	37	5 231
20-21	2 330	1 092	297	-	-	25	3 743
21-22	2 043	675	648	-	-	26	3 392
22-23	1 442	998	465	2	-	-	2 907
23-24	1 195	576	197	-	-	-	1 967
24-25	854	187	89	-	-	7	1 138
25-26	663	20	71	-	-	22	776
26-27	596	17	226	-	-	-	839
27-28	866	105	40	-	-	68	1 078
28-29	596	46	74	-	-	14	730
29-30	707	56	4	-	-	41	809
30-31	210	49	39	-	-	-	298
31-32	93	11	17	-	-	5	126
32-33	23	11	1	-	-	10	45
33-34	47	16	-	-	-	-	63
34+	39	23	-	-	-	22	84
Jungle	9	-	-	-	-	-	9
Total	101 946	29 800	4 244	3	-	4 629	140 623

Table A1.5 - Zone 5 Maputaland

Area of Softwood Species by Age Class 2002/2003

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 2002/2003

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	639	-	-	-	177	1 367
0-1	19	172	-	-	-	117	308
1-2	112	205	1	-	-	101	419
2-3	16	136	-	-	-	-	152
3-4	23	427	3	-	-	12	466
4-5	-	358	-	-	-	226	584
5-6	2	721	23	-	-	326	1 072
6-7	13	567	-	-	-	446	1 026
7-8	1	368	13	-	-	203	586
8-9	58	380	-	-	-	134	571
9-10	100	752	12	-	-	69	933
10-11	192	969	3	-	-	182	1 346
11-12	417	584	16	-	-	52	1 069
12-13	97	1 196	2	-	-	13	1 308
13-14	249	974	12	-	-	3	1 237
14-15	49	1 395	53	-	-	3	1 501
15-16	87	859	92	-	-	161	1 199
16-17	73	827	45	-	-	86	1 031
17-18	35	745	105	-	-	19	904
18-19	12	333	49	-	-	-	395
19-20	9	248	16	-	-	19	292
20-21	-	102	14	-	-	24	140
21-22	-	118	62	-	-	16	196
22-23	39	74	74	-	-	0	187
23-24	-	78	-	-	-	44	122
24-25	29	69	-	-	-	1	99
25-26	-	19	-	-	-	-	19
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	2 210	13 600	722	-	-	2 574	19 106

Table A1.7 - Zone 7 Kwazulu-Natal Midlands

Area of Softwood Species by Age Class 2002/2003

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	1 548	197	232	-	-	415	2 392
0-1	2 225	302	18	-	-	697	3 242
1-2	1 801	1 392	137	-	-	296	3 625
2-3	2 298	505	196	-	-	328	3 328
3-4	1 812	997	308	-	-	428	3 545
4-5	1 937	592	387	-	-	452	3 367
5-6	1 591	586	72	-	-	312	2 561
6-7	1 541	324	214	-	-	6	2 085
7-8	996	658	175	32	-	119	1 980
8-9	1 279	679	116	-	-	7	2 082
9-10	3 108	1 280	137	-	-	9	4 534
10-11	4 299	1 330	121	-	-	40	5 790
11-12	3 415	874	150	-	-	52	4 491
12-13	2 720	1 048	60	20	-	33	3 880
13-14	1 661	2 248	165	-	-	57	4 131
14-15	1 272	1 132	45	-	-	2	2 452
15-16	791	828	52	-	-	28	1 698
16-17	813	881	43	-	-	18	1 755
17-18	803	1 280	32	-	-	11	2 127
18-19	698	504	75	-	-	22	1 298
19-20	594	496	85	-	-	17	1 192
20-21	671	559	224	-	-	12	1 466
21-22	518	319	208	-	-	1	1 046
22-23	243	117	103	-	-	1	464
23-24	150	61	66	-	-	-	277
24-25	310	38	85	-	-	-	433
25-26	162	39	48	-	-	-	248
26-27	241	29	21	-	-	-	290
27-28	85	22	43	-	-	1	151
28-29	120	24	40	-	-	-	183
29-30	61	18	5	-	-	-	83
30-31	20	44	-	-	-	-	65
31-32	18	9	21	-	-	25	73
32-33	78	5	-	-	-	-	84
33-34	17	5	5	-	-	-	27
34+	113	119	-	-	-	128	360
Jungle	21	3	-	-	-	-	24
Total	40 027	19 547	3 687	52	-	3 517	66 829

Table A1.8 - Zone 8 Northern Kwazulu-Natal

Area of Softwood Species by Age Class 2002/2003

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	381	102	-	-	-	-	484
0-1	430	44	-	-	-	4	478
1-2	397	176	-	-	-	-	573
2-3	223	267	-	-	-	10	500
3-4	449	441	-	-	-	51	941
4-5	519	481	31	-	-	22	1 052
5-6	371	523	4	-	-	-	897
6-7	188	593	-	-	-	29	810
7-8	284	853	-	-	-	19	1 156
8-9	1 176	909	-	-	-	-	2 085
9-10	197	1 111	-	-	-	-	1 309
10-11	209	260	-	-	-	-	468
11-12	423	481	-	-	-	1	906
12-13	605	454	6	-	-	-	1 066
13-14	317	345	3	-	-	-	666
14-15	216	176	-	-	-	-	391
15-16	144	231	-	-	-	-	375
16-17	212	201	-	-	-	-	413
17-18	242	19	-	-	-	16	276
18-19	398	52	55	-	-	-	505
19-20	425	74	67	-	-	6	572
20-21	225	-	14	-	-	-	239
21-22	165	-	51	-	-	-	216
22-23	150	15	45	-	-	-	210
23-24	51	40	47	-	-	-	138
24-25	51	61	45	-	-	-	157
25-26	384	26	68	-	-	-	478
26-27	63	110	31	-	-	77	282
27-28	55	18	10	-	-	17	99
28-29	68	5	-	-	-	-	74
29-30	61	58	2	-	-	30	151
30-31	19	40	-	-	-	15	74
31-32	-	-	33	-	-	-	33
32-33	-	-	10	-	-	-	10
33-34	-	-	3	-	-	-	3
34+	2	-	0	-	-	1	3
Jungle	-	-	-	-	-	100	100
Total	9 102	8 166	522	-	-	399	18 189

Table A1.9 - Zone 9 Southern Kwazulu-Natal

Area of Softwood Species by Age Class 2002/2003

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	802	696	199	-	-	149	1 846
0-1	829	885	53	-	14	457	2 236
1-2	887	340	83	62	-	244	1 617
2-3	1 188	208	11	83	-	511	2 001
3-4	1 675	290	10	252	28	359	2 614
4-5	2 356	300	-	44	-	275	2 975
5-6	2 098	47	32	47	-	287	2 512
6-7	1 770	169	-	-	4	92	2 035
7-8	1 431	122	-	7	-	12	1 571
8-9	2 328	572	2	-	1	-	2 903
9-10	2 452	131	-	-	-	-	2 582
10-11	4 133	386	-	-	-	-	4 519
11-12	1 925	185	-	-	-	-	2 110
12-13	2 429	188	-	-	17	-	2 634
13-14	2 091	272	2	-	10	-	2 374
14-15	1 297	372	9	1	-	-	1 679
15-16	1 049	163	-	-	-	-	1 212
16-17	1 195	171	40	-	-	-	1 406
17-18	463	238	19	-	-	-	719
18-19	569	194	-	-	18	-	781
19-20	673	319	18	-	18	2	1 030
20-21	273	152	35	-	-	41	501
21-22	490	355	177	-	-	0	1 023
22-23	396	137	42	-	-	-	576
23-24	147	272	258	-	-	-	677
24-25	136	154	11	-	-	-	302
25-26	112	36	94	-	-	-	242
26-27	128	223	67	-	-	82	501
27-28	85	289	164	-	-	-	538
28-29	110	197	200	-	-	-	506
29-30	39	226	137	-	5	2	409
30-31	6	105	75	-	-	1	186
31-32	42	41	100	-	-	4	186
32-33	-	5	0	-	-	61	66
33-34	14	-	12	-	-	-	27
34+	62	7	8	607	6	36	727
Jungle	-	-	-	-	-	-	-
Total	35 682	8 444	1 859	1 103	120	2 616	49 824

Table A1.11 - Zone 11 Eastern Cape

Area of Softwood Species by Age Class 2002/2003

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	7 739	3 450	-	316	-	124	11 629
0-1	4 016	1 165	777	234	-	346	6 538
1-2	2 659	1 584	40	238	26	494	5 041
2-3	1 641	1 139	47	-	25	696	3 549
3-4	1 054	651	79	96	-	670	2 549
4-5	1 937	620	9	135	-	2 048	4 749
5-6	2 602	597	45	334	-	1 785	5 363
6-7	3 184	979	51	551	28	1 829	6 622
7-8	2 499	409	149	667	-	1 249	4 973
8-9	2 360	270	126	621	-	2 103	5 479
9-10	1 778	360	111	425	-	877	3 551
10-11	2 679	601	59	187	-	710	4 235
11-12	3 741	1 282	193	401	30	575	6 222
12-13	5 289	1 483	178	213	45	106	7 313
13-14	3 950	1 253	-	203	148	129	5 684
14-15	1 021	504	-	165	158	2	1 850
15-16	878	592	7	73	115	27	1 691
16-17	540	508	-	137	123	-	1 308
17-18	1 162	621	9	160	170	-	2 121
18-19	764	418	9	133	58	-	1 383
19-20	674	380	36	159	28	-	1 278
20-21	788	111	104	89	130	-	1 221
21-22	382	263	68	176	73	2	963
22-23	446	128	110	51	30	-	765
23-24	701	234	55	16	39	-	1 045
24-25	412	235	150	11	410	-	1 218
25-26	262	375	24	89	708	2	1 459
26-27	374	484	256	138	745	19	2 016
27-28	503	784	14	159	491	34	1 984
28-29	290	596	170	67	236	19	1 379
29-30	141	124	54	44	26	19	408
30-31	301	51	71	-	68	15	505
31-32	194	370	63	206	238	161	1 232
32-33	177	36	205	23	-	20	461
33-34	339	77	16	-	-	2	434
34+	1 801	315	63	32	64	49	2 323
Jungle	-	-	-	22	-	53	75
Total	59 276	23 050	3 345	6 569	4 213	14 163	110 616

Table A1.12 - Zone 12 Southern Cape

Area of Softwood Species by Age Class 2002/2003

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	-	335	3	6 690	-	3	7 032
0-1	-	432	33	563	-	-	1 028
1-2	-	1 793	-	365	-	66	2 224
2-3	-	1 001	-	1 100	-	-	2 101
3-4	-	823	-	1 190	-	-	2 012
4-5	-	411	-	1 293	-	-	1 705
5-6	-	317	-	1 269	-	-	1 586
6-7	-	1 895	10	2 075	2	12	3 993
7-8	-	285	4	1 789	22	-	2 099
8-9	-	258	-	1 396	-	-	1 654
9-10	-	211	39	1 431	12	245	1 938
10-11	-	253	-	1 363	14	-	1 630
11-12	-	1 291	-	1 656	102	-	3 049
12-13	-	94	-	1 237	68	-	1 399
13-14	-	202	-	1 031	134	-	1 367
14-15	-	83	-	793	95	1	972
15-16	-	213	-	856	135	-	1 203
16-17	-	392	-	1 152	420	-	1 964
17-18	-	205	-	596	150	-	950
18-19	-	386	-	679	251	-	1 316
19-20	-	104	-	394	386	2	887
20-21	-	146	-	399	230	-	775
21-22	-	322	-	445	357	-	1 123
22-23	-	185	-	569	501	2	1 256
23-24	-	116	-	480	168	-	764
24-25	-	10	-	772	269	-	1 051
25-26	-	33	6	439	331	1	809
26-27	-	227	-	733	386	-	1 346
27-28	-	83	-	751	208	-	1 042
28-29	-	59	-	460	568	1	1 087
29-30	-	46	-	406	320	-	772
30-31	-	76	18	367	167	0	628
31-32	-	573	12	807	2 284	5	3 681
32-33	-	-	-	46	10	-	56
33-34	-	-	-	35	9	-	44
34+	-	705	10	659	2 555	32	3 962
Jungle	-	-	-	31	-	58	89
Total	-	13 559	134	36 317	10 156	427	60 593

Table A1.13 - Zone 13 Western Cape

Area of Softwood Species by Age Class 2002/2003

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	-	-	-	2 940	-	-	2 940
0-1	-	6	-	120	-	2	128
1-2	-	-	-	127	-	-	127
2-3	-	-	-	111	-	-	111
3-4	-	-	-	118	25	-	143
4-5	-	-	-	395	-	-	395
5-6	3	-	-	767	-	2	773
6-7	34	4	-	614	22	-	673
7-8	-	-	22	750	-	18	789
8-9	-	-	-	390	-	-	390
9-10	-	-	-	530	-	32	562
10-11	22	-	-	594	-	20	636
11-12	15	-	-	666	1	93	775
12-13	2	-	-	376	-	-	378
13-14	-	-	-	327	33	-	360
14-15	-	-	-	472	73	-	545
15-16	-	-	-	416	55	-	471
16-17	-	-	-	346	68	-	414
17-18	-	-	-	290	109	5	404
18-19	-	-	-	175	61	-	236
19-20	-	-	-	136	69	-	205
20-21	-	3	-	218	181	-	401
21-22	-	-	-	220	95	-	315
22-23	-	2	-	291	142	-	435
23-24	-	-	-	213	164	-	377
24-25	-	-	-	280	66	-	346
25-26	-	-	-	186	27	3	216
26-27	-	0	-	131	57	-	189
27-28	-	2	14	147	4	-	167
28-29	-	-	-	181	57	-	238
29-30	-	-	-	116	44	-	160
30-31	-	-	-	361	90	18	469
31-32	-	-	-	213	70	7	290
32-33	-	-	-	103	97	-	200
33-34	-	-	-	103	71	1	175
34+	-	10	2	1 185	912	-	2 109
Jungle	4	-	-	297	4	-	304
Total	80	28	38	14 904	2 598	199	17 846

Table A2.0 - Total for South Africa

Age in Years	Area of Hardwood Species by Age Class					Total ha
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	
Temporary Unplanted	13 757	7 164	6 023	39	11	26 994
0-1	27 019	24 727	13 855	55	104	65 758
1-2	21 331	18 587	10 492	89	103	50 602
2-3	24 747	19 000	9 866	62	124	53 800
3-4	25 819	21 511	10 260	90	163	57 841
4-5	27 803	22 672	9 838	57	217	60 586
5-6	26 328	23 228	8 945	73	377	58 952
6-7	25 182	21 247	9 326	99	383	56 238
7-8	26 977	18 835	9 256	134	405	55 607
8-9	23 070	16 526	8 585	111	260	48 553
9-10	18 124	8 966	6 135	132	298	33 656
10-11	12 884	6 923	4 207	65	279	24 357
11-12	9 360	5 037	2 282	126	264	17 070
12-13	6 190	3 355	822	127	141	10 634
13-14	4 995	3 731	539	146	196	9 607
14-15	4 161	2 132	370	93	182	6 936
15-16	3 026	1 248	155	64	154	4 647
16-17	2 327	713	48	23	188	3 300
17-18	1 681	462	62	25	181	2 411
18-19	1 252	512	77	141	97	2 079
19-20	838	156	88	38	32	1 152
20-21	449	171	8	33	64	725
21-22	549	159	23	17	78	826
22-23	270	94	5	33	46	448
23-24	157	141	93	47	10	449
24-25	130	101	5	6	1	242
25-26	680	79	25	7	25	816
26-27	102	42	10	21	61	236
27-28	282	40	-	13	35	370
28-29	116	25	6	8	18	173
29-30	78	21	-	25	9	134
30-31	254	12	12	8	41	328
31-32	62	556	10	44	315	988
32-33	39	38	2	1	19	100
33-34	97	8	-	3	11	119
34+	566	1 305	64	76	313	2 324
Jungle	389	820	1 775	36	352	3 372
Total	311 095	230 346	113 264	2 169	5 558	662 431

Table A2.1 - Zone 1 Limpopo Province

Age in Years	Area of Hardwood Species by Age Class					2002/2003
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	926	-	-	-	-	926
0-1	2 074	719	-	-	-	2 793
1-2	1 509	692	-	-	-	2 201
2-3	1 909	1 051	-	-	-	2 961
3-4	1 652	898	-	-	16	2 567
4-5	1 990	888	5	-	1	2 883
5-6	1 706	1 350	3	-	-	3 059
6-7	1 871	1 521	-	-	-	3 392
7-8	2 476	613	2	-	1	3 092
8-9	2 201	1 131	19	-	72	3 423
9-10	1 758	203	4	-	2	1 966
10-11	1 893	807	-	-	0	2 700
11-12	948	692	-	-	7	1 647
12-13	983	491	-	-	4	1 478
13-14	381	135	-	-	14	531
14-15	512	146	-	-	15	673
15-16	336	59	-	-	4	398
16-17	247	78	-	-	41	366
17-18	199	95	-	4	16	314
18-19	180	32	-	-	39	251
19-20	171	28	-	-	11	209
20-21	93	40	-	-	42	175
21-22	101	23	-	-	28	152
22-23	118	44	-	3	7	172
23-24	75	59	-	-	0	134
24-25	11	70	-	3	-	84
25-26	28	27	-	1	-	56
26-27	44	16	-	-	-	60
27-28	3	5	-	-	0	8
28-29	2	-	-	-	0	2
29-30	40	2	-	-	-	42
30-31	28	2	-	-	20	50
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	10	30	-	-	37	78
Jungle	2	10	-	-	-	12
Total	26 477	11 956	33	11	379	38 854

Table A2.2 - Zone 2 Mpumalanga North

Age in Years	Area of Hardwood Species by Age Class					2002/2003
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 632	482	-	2	-	4 116
0-1	4 585	1 344	-	-	-	5 929
1-2	3 802	984	-	-	-	4 786
2-3	3 415	1 413	-	-	-	4 827
3-4	4 823	2 819	-	-	3	7 645
4-5	4 494	2 732	-	-	-	7 226
5-6	4 416	1 590	-	-	4	6 010
6-7	4 709	946	-	-	130	5 784
7-8	4 269	930	-	-	1	5 200
8-9	4 780	456	-	-	11	5 247
9-10	4 262	1 154	-	4	5	5 425
10-11	3 116	662	-	-	12	3 790
11-12	2 876	569	-	3	6	3 454
12-13	2 161	136	-	-	17	2 314
13-14	1 855	115	-	-	3	1 973
14-15	1 530	61	-	14	20	1 625
15-16	1 300	64	-	-	15	1 379
16-17	825	80	-	-	-	904
17-18	536	3	-	8	-	547
18-19	544	21	-	1	3	569
19-20	267	11	-	-	3	281
20-21	145	23	-	-	6	175
21-22	207	33	-	-	2	242
22-23	134	31	-	-	-	165
23-24	50	30	-	-	1	80
24-25	5	-	-	-	-	5
25-26	610	-	-	-	16	626
26-27	12	-	-	-	24	36
27-28	48	-	-	-	19	67
28-29	103	13	-	-	-	116
29-30	3	-	-	3	-	6
30-31	59	7	-	-	3	69
31-32	45	7	-	-	-	52
32-33	38	8	-	-	-	46
33-34	73	7	-	-	-	80
34+	82	73	-	5	56	216
Jungle	118	48	-	3	-	169
Total	63 929	16 851	-	43	360	81 182

Table A2.3 - Zone 3 Central Districts

Area of Hardwood Species by Age Class 2002/2003

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	57	-	-	-	57
0-1	6	82	-	-	-	88
1-2	-	293	-	-	-	293
2-3	-	213	-	-	-	213
3-4	-	66	-	-	-	66
4-5	-	245	-	-	-	245
5-6	-	365	-	-	-	365
6-7	-	287	39	-	-	326
7-8	-	222	-	-	-	222
8-9	-	453	-	-	-	453
9-10	-	90	-	-	-	90
10-11	-	15	-	-	-	15
11-12	-	112	-	-	-	112
12-13	-	32	-	-	-	32
13-14	-	143	-	-	-	143
14-15	-	37	-	-	-	37
15-16	-	10	-	-	-	10
16-17	-	4	-	-	-	4
17-18	-	4	-	-	-	4
18-19	-	-	-	-	-	-
19-20	-	12	-	-	-	12
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	40	-	-	-	40
24-25	-	-	-	-	-	-
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	2 842	39	-	3	2 890

Table A2.4 - Zone 4 Mpumalanga South

Age in Years	Area of Hardwood Species by Age Class					2002/2003
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 356	3 160	784	25	-	5 324
0-1	3 518	12 257	2 355	-	90	18 220
1-2	1 723	7 716	1 589	32	99	11 160
2-3	2 526	7 565	2 106	45	111	12 353
3-4	3 070	7 730	1 642	46	124	12 613
4-5	3 639	8 266	1 311	5	105	13 327
5-6	3 263	8 038	1 354	28	181	12 864
6-7	2 440	6 560	1 287	77	162	10 526
7-8	2 025	5 893	1 047	49	76	9 090
8-9	1 535	6 124	1 219	61	97	9 037
9-10	1 393	4 090	1 021	9	254	6 765
10-11	635	3 222	673	6	15	4 551
11-12	435	2 425	363	43	89	3 354
12-13	239	1 555	177	71	59	2 102
13-14	95	2 125	174	22	-	2 415
14-15	34	1 419	108	23	5	1 590
15-16	31	733	36	40	-	841
16-17	74	220	20	19	-	333
17-18	66	115	-	7	-	188
18-19	9	385	-	82	-	477
19-20	3	32	-	5	-	41
20-21	5	39	-	3	1	48
21-22	-	18	-	5	-	23
22-23	-	-	-	22	-	22
23-24	-	2	90	29	-	122
24-25	2	21	-	-	-	23
25-26	-	9	7	-	-	17
26-27	-	21	-	-	-	21
27-28	-	23	-	-	-	23
28-29	-	-	-	-	-	-
29-30	-	4	-	4	-	8
30-31	-	-	-	8	-	8
31-32	-	-	-	-	-	-
32-33	1	-	-	-	-	1
33-34	13	-	-	-	-	13
34+	-	1	-	25	8	34
Jungle	6	418	777	-	-	1 201
Total	28 135	90 186	18 140	792	1 476	138 729

Table A2.5 - Zone 5 Maputaland

Area of Hardwood Species by Age Class 2002/2003

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 2002/2003

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	3 165	83	404	-	11	3 663
0-1	6 562	1 326	1 269	-	-	9 157
1-2	5 478	2 259	2 091	-	-	9 828
2-3	7 195	3 235	901	-	-	11 331
3-4	7 245	2 903	1 151	-	-	11 299
4-5	5 931	3 310	1 220	-	69	10 531
5-6	6 987	3 505	842	-	157	11 491
6-7	5 829	4 183	835	-	75	10 921
7-8	6 734	4 163	558	-	309	11 764
8-9	6 238	1 382	440	-	14	8 074
9-10	3 395	146	134	-	13	3 688
10-11	2 018	566	107	-	176	2 867
11-12	1 167	293	67	-	86	1 614
12-13	944	287	109	-	13	1 354
13-14	590	101	63	-	139	894
14-15	556	-	37	-	115	709
15-16	638	0	1	-	52	691
16-17	296	-	-	-	84	380
17-18	433	-	3	-	144	580
18-19	144	-	-	-	-	144
19-20	109	-	-	-	-	109
20-21	9	-	-	-	-	9
21-22	4	-	-	-	1	5
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	3	-	5	-	50	58
Total	71 719	27 755	10 237	-	1 559	111 271

Table A2.7 - Zone 7 KwaZulu-Natal Midlands

Area of Hardwood Species by Age Class 2002/2003

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 023	1 032	2 463	12	-	5 530
0-1	4 306	2 865	5 787	21	3	12 982
1-2	3 340	2 739	4 467	57	2	10 606
2-3	3 526	2 170	4 417	18	-	10 130
3-4	3 376	2 754	4 568	43	2	10 743
4-5	4 367	3 299	4 117	52	8	11 843
5-6	3 428	3 445	4 013	42	9	10 937
6-7	4 194	3 457	4 046	22	2	11 721
7-8	3 366	2 091	4 504	83	6	10 051
8-9	3 178	2 370	3 299	29	3	8 880
9-10	3 253	1 306	2 282	78	0	6 918
10-11	2 154	715	1 784	51	9	4 713
11-12	1 452	538	630	73	0	2 693
12-13	588	527	291	41	0	1 448
13-14	455	448	178	118	3	1 202
14-15	288	146	112	25	0	571
15-16	357	151	63	20	-	592
16-17	468	209	19	4	2	701
17-18	370	81	27	3	-	480
18-19	306	14	75	45	3	443
19-20	227	-	8	27	-	262
20-21	57	4	-	29	-	90
21-22	231	9	11	11	-	261
22-23	4	-	5	5	-	14
23-24	9	-	-	7	-	16
24-25	2	-	-	3	-	5
25-26	40	-	9	6	-	55
26-27	23	-	-	4	-	27
27-28	137	-	-	-	-	137
28-29	4	3	-	1	-	8
29-30	6	-	-	18	-	24
30-31	162	-	12	-	-	174
31-32	-	12	-	-	1	13
32-33	-	-	-	-	-	-
33-34	-	-	-	2	-	2
34+	21	14	7	4	2	48
Jungle	44	32	231	-	-	306
Total	45 764	30 431	47 423	954	55	124 627

Table A2.8 - Zone 8 Northern KwaZulu-Natal

Area of Hardwood Species by Age Class 2002/2003

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	709	516	1 604	-	-	2 830
0-1	3 256	4 701	3 084	-	11	11 053
1-2	2 262	2 000	1 718	-	2	5 981
2-3	3 292	1 770	1 578	-	9	6 648
3-4	1 961	1 939	1 920	-	17	5 837
4-5	1 881	1 991	2 204	-	34	6 109
5-6	1 976	1 959	1 741	-	16	5 692
6-7	1 413	1 530	1 943	-	-	4 885
7-8	2 093	2 380	1 633	2	8	6 115
8-9	975	2 203	1 992	14	-	5 183
9-10	584	792	1 706	7	-	3 088
10-11	236	229	760	-	-	1 225
11-12	132	22	815	-	-	970
12-13	116	10	134	8	-	268
13-14	158	13	76	-	-	247
14-15	232	2	34	12	-	279
15-16	34	10	19	-	-	63
16-17	63	-	5	-	-	68
17-18	26	-	27	-	-	53
18-19	4	-	-	-	-	4
19-20	9	-	-	-	-	9
20-21	-	-	1	-	-	1
21-22	-	-	-	-	-	-
22-23	2	-	-	-	-	2
23-24	-	-	-	-	-	-
24-25	2	-	-	-	-	2
25-26	2	-	9	-	-	11
26-27	6	-	10	-	-	16
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	65	-	-	-	65
Jungle	11	15	439	-	-	465
Total	21 435	22 146	23 452	42	96	67 170

Table A2.9 - Zone 9 Southern KwaZulu-Natal

Area of Hardwood Species by Age Class 2002/2003

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	928	1 749	585	-	-	3 262
0-1	1 902	1 187	953	34	-	4 077
1-2	2 155	1 585	478	-	-	4 218
2-3	1 902	1 399	833	-	-	4 134
3-4	2 389	1 913	814	-	-	5 117
4-5	2 881	1 588	870	-	-	5 339
5-6	2 901	2 704	881	-	-	6 485
6-7	2 551	2 249	1 082	-	3	5 885
7-8	2 384	2 056	1 274	-	-	5 714
8-9	2 669	2 155	1 523	7	2	6 355
9-10	2 246	1 002	957	35	3	4 242
10-11	2 239	576	878	6	0	3 698
11-12	2 110	221	388	9	-	2 727
12-13	804	67	101	7	0	979
13-14	1 391	77	49	6	-	1 523
14-15	928	189	61	19	0	1 196
15-16	278	115	7	3	-	403
16-17	279	27	-	-	1	307
17-18	46	7	5	4	-	61
18-19	50	9	2	13	-	74
19-20	20	-	-	5	-	25
20-21	120	-	5	-	-	125
21-22	-	6	1	-	-	7
22-23	5	-	-	-	13	19
23-24	12	-	-	11	-	23
24-25	106	-	-	-	-	106
25-26	-	-	-	-	8	8
26-27	-	-	-	-	-	-
27-28	75	-	-	6	3	83
28-29	5	2	-	2	-	9
29-30	-	-	-	-	3	3
30-31	-	-	-	-	-	-
31-32	2	-	-	-	-	2
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	414	83	11	2	18	527
Jungle	10	15	100	-	-	125
Total	33 801	20 979	11 858	166	54	66 858

Table A2.11 - Zone 11 Eastern Cape

Area of Hardwood Species by Age Class 2002/2003

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	986	85	183	-	-	1 253
0-1	771	245	406	-	-	1 422
1-2	816	320	149	-	-	1 285
2-3	876	185	33	-	5	1 098
3-4	1 245	485	164	-	0	1 894
4-5	1 454	353	90	-	-	1 897
5-6	875	136	111	4	11	1 137
6-7	1 291	376	94	-	-	1 761
7-8	823	237	238	-	-	1 297
8-9	583	135	94	-	58	869
9-10	306	179	32	-	9	526
10-11	333	127	6	-	35	501
11-12	142	154	19	-	6	320
12-13	232	209	9	-	35	485
13-14	68	490	-	-	12	569
14-15	81	131	18	-	17	247
15-16	53	99	28	-	8	188
16-17	76	70	4	-	10	160
17-18	7	120	-	-	-	126
18-19	16	26	-	-	1	43
19-20	33	36	80	-	14	163
20-21	20	14	2	0	-	36
21-22	6	7	11	1	1	26
22-23	5	12	-	3	2	21
23-24	7	4	2	-	-	13
24-25	-	1	5	-	-	5
25-26	-	-	-	-	-	-
26-27	5	-	-	17	-	22
27-28	18	2	-	7	9	37
28-29	2	8	6	2	-	17
29-30	28	-	-	-	-	28
30-31	-	-	-	0	-	0
31-32	16	161	10	23	124	333
32-33	-	23	2	1	6	32
33-34	-	1	-	1	2	4
34+	9	70	46	36	24	184
Jungle	195	221	223	33	3	675
Total	11 376	4 719	2 063	130	390	18 677

Table A2.12 - Zone 12 Southern Cape

Area of Hardwood Species by Age Class 2002/2003

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	-	-	-	-	-	-
2-3	-	-	-	-	-	-
3-4	-	-	-	-	-	-
4-5	-	-	20	-	-	20
5-6	-	-	-	-	-	-
6-7	-	9	-	-	13	21
7-8	-	-	-	-	-	-
8-9	-	-	-	-	2	2
9-10	-	6	-	-	13	18
10-11	-	4	-	-	17	20
11-12	-	11	-	-	70	81
12-13	-	42	-	-	6	47
13-14	-	84	-	-	25	109
14-15	-	-	-	-	8	8
15-16	-	-	-	-	9	9
16-17	-	26	-	-	50	76
17-18	-	34	-	-	22	56
18-19	-	22	-	-	51	72
19-20	-	35	-	-	3	39
20-21	-	48	-	-	15	64
21-22	-	64	-	-	46	110
22-23	-	1	-	-	25	25
23-24	-	7	-	-	9	16
24-25	-	10	-	-	1	10
25-26	-	37	-	-	-	37
26-27	12	-	-	-	37	49
27-28	-	7	-	-	-	7
28-29	-	-	-	3	17	20
29-30	-	15	-	-	4	19
30-31	-	-	-	-	13	13
31-32	-	309	-	1	153	464
32-33	-	7	-	-	-	7
33-34	-	-	-	-	-	-
34+	2	623	-	-	9	634
Jungle	-	-	-	-	300	300
Total	14	1 401	20	4	915	2 354

Table A2.13 - Zone 13 Western Cape

Age in Years	Area of Hardwood Species by Age Class					2002/2003
	<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	-	5	-	-	-	5
7-8	1	1	-	-	5	7
8-9	-	15	-	-	2	17
9-10	-	-	-	-	-	-
10-11	-	-	-	2	14	16
11-12	4	-	-	-	-	4
12-13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
14-15	-	1	-	-	-	1
15-16	-	-	-	-	63	63
16-17	-	1	-	-	-	1
17-18	-	3	-	-	-	3
18-19	-	2	-	-	-	2
19-20	-	2	-	-	-	2
20-21	-	3	-	-	-	3
21-22	-	-	-	-	-	-
22-23	-	7	-	-	-	7
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	1	1
26-27	-	-	-	-	-	-
27-28	-	3	-	-	-	3
28-29	-	-	-	-	-	-
29-30	-	-	-	-	3	3
30-31	6	3	-	-	4	13
31-32	-	67	-	20	37	124
32-33	-	-	-	-	-	-
33-34	-	-	-	-	4	4
34+	-	344	-	5	122	471
Jungle	-	-	-	-	-	-
Total	12	456	-	27	255	750

Table A3.0 - Total for South Africa

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	462 073	28	2 033	15	-	-	243 510	16	1 578	0	709 194
<i>E. grandis</i>	18 100	31	18 213	13	50 739	13	222 761	8	1 281	15	311 095
Other Eucalyptus	6 921	16	5 605	9	8 575	11	206 731	8	2 514	6	230 346
Wattle	116	12	1 751	9	1 056	7	109 789	9	552	9	113 264
Other Hardwoods	942	34	49	9	641	15	3 155	13	2 939	65	7 726
Totals	488 152		27 650		61 011		785 947		8 865		1 371 625

Table A3.1 - Zone 1 Limpopo Province

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	25 437	26	35	6	-	-	-	-	-	-	25 472
<i>E. grandis</i>	7 863	25	4 078	11	12 329	10	1 130	10	1 077	10	26 477
Other Eucalyptus	17	25	2 241	11	4 287	9	4 604	10	806	9	11 956
Wattle	-	-	-	-	-	-	-	-	33	10	33
Other Hardwoods	116	12	-	-	1	7	-	-	272	10	390
Totals	33 433		6 354		16 617		5 734		2 188		64 326

Table A3.2 - Zone 2 Mpumulanga North

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	138 622	28	-	-	-	-	34 827	19	-	-	173 449
<i>E. grandis</i>	9 098	10	2 014	10	33 309	10	19 509	10	-	-	63 929
Other Eucalyptus	289	23	173	16	1 898	9	14 491	10	-	-	16 851
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	97	18	2	10	44	10	171	9	89	13	403
Totals	148 106		2 188		35 251		68 997		89		254 632

Table A3.3 - Zone 3 Central Districts

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	3 509	29	-	-	-	-	12 864	18	5	16	16 379
<i>E. grandis</i>	-	-	-	-	-	-	6	9	-	-	6
Other Eucalyptus	41	25	72	12	601	25	2 128	12	-	-	2 842
Wattle	-	-	-	-	-	-	39	10	-	-	39
Other Hardwoods	3	50	-	-	-	-	-	-	-	-	3
Totals	3 553		72		601		15 037		5		19 269

Table A3.4 - Zone 4 Mpumulanga South

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	64 232	26	-	-	-	-	76 391	18	-	-	140 623
<i>E. grandis</i>	178	18	646	8	3 345	11	23 967	9	-	-	28 135
Other Eucalyptus	5 378	11	-	-	1 060	11	82 775	9	973	3	90 186
Wattle	116	12	-	-	372	10	17 652	10	-	-	18 140
Other Hardwoods	26	29	-	-	411	19	1 806	14	26	30	2 269
Totals	69 929		646		5 188		202 591		999		279 352

Table A3.5 - Zone 5 Maputaland

Area according to main purpose for which trees are grown 2002/2003

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	22	-	-	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	39	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 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	13 049	19	-	-	-	-	6 058	14	-	-	19 106
<i>E. grandis</i>	767	14	205	14	-	-	70 742	8	5	9	71 719
Other Eucalyptus	33	15	-	-	-	-	27 722	8	-	-	27 755
Wattle	-	-	125	10	-	-	10 112	10	-	-	10 237
Other Hardwoods	16	30	-	-	-	-	25	9	1 518	18	1 559
Totals	13 865		330		-		114 659		1 524		130 377

Table A3.7 - Zone 7 KwaZulu-Natal Midlands

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	20 016	24	1 590	17	-	-	45 219	17	5	10	66 829
<i>E. grandis</i>	77	8	1 505	11	334	9	43 847	9	1	3	45 764
Other Eucalyptus	135	24	21	10	342	9	29 927	9	7	30	30 431
Wattle	-	-	235	10	359	10	46 828	10	1	12	47 423
Other Hardwoods	6	25	-	-	24	12	884	14	94	12	1 009
Totals	20 234		3 351		1 059		166 705		108		191 456

Table A3.8 - Zone 8 Northern KwaZulu-Natal

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	11 418	26	3	25	-	-	6 767	17	-	-	18 189
<i>E. grandis</i>	11	9	69	10	521	9	20 793	9	41	8	21 435
Other Eucalyptus	-	-	240	9	-	-	21 906	9	-	-	22 146
Wattle	-	-	210	9	46	10	22 860	10	336	9	23 452
Other Hardwoods	-	-	-	-	-	-	138	12	-	-	138
Totals	11 430		523		567		72 464		377		85 359

Table A3.9 - Zone 9 Southern KwaZulu-Natal

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	26 102	27	-	-	-	-	23 722	17	-	-	49 824
<i>E. grandis</i>	75	8	564	10	138	9	33 018	9	6	4	33 801
Other Eucalyptus	87	46	216	10	60	12	20 617	8	-	-	20 979
Wattle	-	-	-	-	263	10	11 545	10	50	27	11 858
Other Hardwoods	49	30	-	-	6	12	126	16	40	29	221
Totals	26 313		779		467		89 028		95		116 682

Table A3.11 - Zone 11 Eastern Cape

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	77 389	26	64	22	-	-	33 156	16	7	25	110 616
<i>E. grandis</i>	31	5	9 128	8	763	9	1 316	9	138	8	11 376
Other Eucalyptus	64	18	2 642	8	266	9	1 474	9	272	9	4 719
Wattle	-	-	1 181	9	16	8	732	9	134	10	2 063
Other Hardwoods	14	17	43	8	155	9	6	16	302	27	520
Totals	77 498		13 058		1 201		36 684		852		129 293

Table A3.12 - Zone 12 Southern Cape

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	60 546	48	44	20	-	-	3	15	-	-	60 593
<i>E. grandis</i>	-	-	-	-	-	-	14	9	-	-	14
Other Eucalyptus	864	47	-	-	55	35	466	9	17	30	1 401
Wattle	-	-	-	-	-	-	20	10	-	-	20
Other Hardwoods	613	44	-	-	-	-	0	9	306	491	919
Totals	62 023		44		55		503		323		62 947

Table A3.13 - Zone 13 Western Cape

Area according to main purpose for which trees are grown 2002/2003

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	15 981	36	298	-	-	-	7	-	1 561	-	17 846
<i>E. grandis</i>	-	-	5	-	-	-	-	-	7	-	12
Other Eucalyptus	14	-	-	-	5	-	-	-	437	-	456
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	2	-	-	-	-	-	-	-	280	-	282
Totals	15 996		303		5		7		2 285		18 596

Table A4.0 - Total for South Africa

Timber Products sold from Plantations 2002/2003

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	2 732 462	19 331	-	2 897 097	7 304	5 950
	Pub	2 073 253	57 324	-	505 701	12 843	39 451
Total Softwoods		4 857 374	76 654	-	3 402 798	20 148	45 401
<i>E. grandis</i>	Pvt	192 421	159 019	430 305	2 806 809	12 387	14 610
	Pub	133 477	120 695	15 756	39 179	23 966	3 239
Total <i>E. grandis</i>		325 897	279 714	446 061	2 845 987	36 353	17 849
Other Gum	Pvt	38 466	25 812	89 543	2 852 021	19 969	13 693
	Pub	13 649	39 035	11 000	263 794	9 488	971
Total Other Gum		52 115	64 848	100 543	3 115 815	29 457	14 664
Wattle	Pvt	-	64 207	9 241	714 940	81 806	15 908
	Pub	-	2 405	3 500	3 520	3 681	4 249
Total Wattle		-	66 612	12 741	718 460	85 487	20 157
Other Hardwoods	Pvt	57	-	-	10 102	75	5 866
	Pub	400	-	-	-	2 400	4
Total Other Hardwoods		457	-	-	10 102	2 475	5 870
Totals	Pvt	3 015 065	268 369	529 089	9 280 969	121 541	56 028
	Pub	2 220 779	219 459	30 256	812 194	52 380	47 914
Total		5 235 844	487 828	559 345	10 093 163	173 921	103 942

Table A4.1 - Zone 1 Limpopo Province

Timber Products sold from Plantations 2002/2003

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	52 416	-	-	84 928	757	3 187
	Pub	199 651	879	-	-	3 869	1 520
Total Softwoods		252 067	879	-	84 928	4 626	4 707
<i>E. grandis</i>	Pvt	117 021	31 146	78 216	-	6 380	12 557
	Pub	1 100	16 080	3 200	-	10 525	-
Total <i>E.grandis</i>		118 121	47 226	81 416	-	16 905	12 557
Other Gum	Pvt	-	-	44 700	9 259	-	12 318
	Pub	747	6 932	-	-	3 089	-
Total Other Gum		747	6 932	44 700	9 259	3 089	12 318
Wattle	Pvt	-	-	-	40	2 677	6
	Pub	-	-	-	-	500	-
Total Wattle		-	-	-	40	3 177	6
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	400	-	-	-	2 400	-
Total Other Hardwoods		400	-	-	-	2 400	-
Totals	Pvt	169 437	31 146	122 916	94 227	9 814	28 067
	Pub	201 898	23 891	3 200	-	20 383	1 520
Total		371 336	55 037	126 116	94 227	30 197	29 587

Table A4.2 - Zone 2 Mpumalanga North

Timber Products sold from Plantations 2002/2003

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	637 428	1 457	-	556 485	6 466	634
	Pub	824 298	1 221	-	165 388	8 691	36 121
Total Softwoods		1 461 725	2 678	-	721 873	15 157	36 755
<i>E. grandis</i>	Pvt	54 503	14 490	240 429	378 315	-	-
	Pub	95 199	13 750	12 556	386	2 768	842
Total <i>E.grandis</i>		149 702	28 240	252 984	378 701	2 768	842
Other Gum	Pvt	-	-	-	92 506	-	-
	Pub	455	565	-	-	1 510	970
Total Other Gum		455	565	-	92 506	1 510	970
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	691 931	15 947	240 429	1 027 305	6 466	634
	Pub	919 951	15 536	12 556	165 774	12 969	37 933
Total		1 611 882	31 483	252 984	1 193 079	19 435	38 567

Table A4.3 - Zone 3 Central Districts

Timber Products sold from Plantations 2002/2003

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	-	-	-	75 003	-	-
	Pub	34 000	-	-	5 207	200	-
Total Softwoods		34 000	-	-	80 210	200	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	10	-
Total <i>E.grandis</i>		-	-	-	-	10	-
Other Gum	Pvt	-	-	-	56 163	-	-
	Pub	-	-	11 000	-	-	-
Total Other Gum		-	-	11 000	56 163	-	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	131 578	-	-
	Pub	34 000	-	11 000	5 207	210	-
Total		34 000	-	11 000	136 785	210	-

Table A4.4 - Zone 4 Mpumalanga South

Timber Products sold from Plantations 2002/2003

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	471 986	-	-	993 094	-	-
	Pub	248 625	3 217	-	41 168	33	1 510
Total Softwoods		720 611	3 217	-	1 034 262	33	1 510
<i>E. grandis</i>	Pvt	10 054	21 713	83 136	286 083	100	81
	Pub	-	-	-	10 000	-	-
Total <i>E.grandis</i>		10 054	21 713	83 136	296 083	100	81
Other Gum	Pvt	1 094	16 471	44 843	1 075 801	17 080	139
	Pub	-	-	-	-	-	-
Total Other Gum		1 094	16 471	44 843	1 075 801	17 080	139
Wattle	Pvt	-	-	8 403	136 603	6 815	1 738
	Pub	-	-	3 500	3 520	-	4 249
Total Wattle		-	-	11 903	140 123	6 815	5 987
Other Hardwoods	Pvt	-	-	-	-	75	3 000
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	75	3 000
Totals	Pvt	483 134	38 184	136 383	2 491 580	24 070	4 958
	Pub	248 625	3 217	3 500	54 688	33	5 759
Total		731 759	41 401	139 883	2 546 268	24 103	10 717

Table A4.5 - Zone 5 Maputaland

Timber Products sold from Plantations 2002/2003

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 2002/2003

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	11 781	-	-	126 820	-	-
	Pub	120 990	-	-	167 868	-	-
Total Softwoods		132 771	-	-	294 688	-	-
<i>E. grandis</i>	Pvt	250	5 606	-	921 332	16	655
	Pub	34 678	-	-	200	45	-
Total <i>E.grandis</i>		34 928	5 606	-	921 532	61	655
Other Gum	Pvt	-	3 180	-	859 762	-	460
	Pub	-	-	-	259 684	25	-
Total Other Gum		-	3 180	-	1 119 446	25	460
Wattle	Pvt	-	8	-	55 614	106	462
	Pub	-	-	-	-	30	-
Total Wattle		-	8	-	55 614	136	462
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	12 031	8 794	-	1 963 529	122	1 577
	Pub	155 668	-	-	427 752	100	-
Total		167 699	8 794	-	2 391 281	222	1 577

Table A4.7 - Zone 7 KwaZulu-Natal Midlands

Timber Products sold from Plantations 2002/2003

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	428 170	2 728	-	847 649	81	289
	Pub	7 119	10	-	733	50	-
Total Softwoods		435 289	2 738	-	848 381	131	289
<i>E. grandis</i>	Pvt	5 577	41 392	700	461 075	2 060	440
	Pub	-	659	-	15 093	-	-
Total <i>E.grandis</i>		5 577	42 051	700	476 168	2 060	440
Other Gum	Pvt	-	4 399	-	459 567	-	-
	Pub	-	-	-	3 428	369	-
Total Other Gum		-	4 399	-	462 995	369	-
Wattle	Pvt	-	64 152	838	344 973	27 490	10 967
	Pub	-	-	-	-	-	-
Total Wattle		-	64 152	838	344 973	27 490	10 967
Other Hardwoods	Pvt	-	-	-	4 782	-	2 866
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	4 782	-	2 866
Totals	Pvt	433 747	112 671	1 538	2 118 045	29 631	14 562
	Pub	7 119	669	-	19 254	419	-
Total		440 866	113 340	1 538	2 137 299	30 050	14 562

Table A4.8 - Zone 8 Northern KwaZulu-Natal

Timber Products sold from Plantations 2002/2003

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	62 892	-	-	12 357	-	971
	Pub	21 300	365	-	5 030	-	-
Total Softwoods		84 192	365	-	17 387	-	971
<i>E. grandis</i>	Pvt	-	2 182	27 824	288 078	2 436	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	2 182	27 824	288 078	2 436	-
Other Gum	Pvt	6 000	256	-	139 241	2 510	-
	Pub	-	-	-	-	-	-
Total Other Gum		6 000	256	-	139 241	2 510	-
Wattle	Pvt	-	20	-	113 197	43 624	308
	Pub	-	-	-	-	-	-
Total Wattle		-	20	-	113 197	43 624	308
Other Hardwoods	Pvt	-	-	-	5 320	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	5 320	-	-
Totals	Pvt	68 892	2 458	27 824	558 193	48 570	1 279
	Pub	21 300	365	-	5 030	-	-
Total		90 192	2 823	27 824	563 223	48 570	1 279

Table A4.9 - Zone 9 Southern KwaZulu-Natal

Timber Products sold from Plantations 2002/2003

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	280 108	-	-	191 971	-	785
	Pub	-	-	-	-	-	-
Total Softwoods		280 108	-	-	191 971	-	785
<i>E. grandis</i>	Pvt	5 016	13 767	-	471 926	600	877
	Pub	2 500	-	-	-	15	-
Total <i>E.grandis</i>		7 516	13 767	-	471 926	615	877
Other Gum	Pvt	-	1 000	-	139 177	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	1 000	-	139 177	-	-
Wattle	Pvt	-	27	-	64 102	1 094	2 428
	Pub	-	-	-	-	-	-
Total Wattle		-	27	-	64 102	1 094	2 428
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	285 124	14 794	-	867 176	1 694	4 090
	Pub	2 500	-	-	-	15	-
Total		287 624	14 794	-	867 176	1 709	4 090

Table A4.11 - Zone 11 Eastern Cape

Timber Products sold from Plantations 2002/2003

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	544 037	-	-	-	-	-
	Pub	211 494	6 083	-	46 237	-	-
Total Softwoods		755 531	6 083	-	46 237	-	-
<i>E. grandis</i>	Pvt	-	28 723	-	-	645	-
	Pub	-	90 205	-	-	10 603	2 397
Total <i>E.grandis</i>		-	118 928	-	-	11 248	2 397
Other Gum	Pvt	-	-	-	18 322	-	-
	Pub	8	30 502	-	-	3 296	-
Total Other Gum		8	30 502	-	18 322	3 296	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	2 405	-	-	3 151	-
Total Wattle		-	2 405	-	-	3 151	-
Other Hardwoods	Pvt	57	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		57	-	-	-	-	-
Totals	Pvt	544 094	28 723	-	18 322	645	-
	Pub	211 502	129 195	-	46 237	17 051	2 397
Total		755 596	157 918	-	64 559	17 696	2 397

Table A4.12 - Zone 12 Southern Cape

Timber Products sold from Plantations 2002/2003

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	214 172	11 576	-	338	-	-
	Pub	295 250	36 859	-	3 919	-	-
Total Softwoods		509 422	48 435	-	4 257	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	-	-	-	-	-
Other Gum	Pvt	31 372	506	-	2 223	29	-
	Pub	11 160	1 036	-	682	-	1
Total Other Gum		42 532	1 542	-	2 905	29	1
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	245 544	12 082	-	2 561	29	-
	Pub	306 410	37 895	-	4 601	-	1
Total		551 954	49 977	-	7 162	29	1

Table A4.13 - Zone 13 Western Cape

Timber Products sold from Plantations 2002/2003

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	81 130	3 569	-	8 453	-	85
	Pub	57 454	8 690	-	1 200	-	-
Total Softwoods		138 584	12 259	-	9 653	-	85
<i>E. grandis</i>	Pvt	-	-	-	-	150	-
	Pub	-	-	-	-	-	-
Total <i>E.grandis</i>		-	-	-	-	150	-
Other Gum	Pvt	-	-	-	-	350	776
	Pub	1 279	-	-	-	1 200	-
Total Other Gum		1 279	-	-	-	1 550	776
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	4
Total Other Hardwoods		-	-	-	-	-	4
Totals	Pvt	81 130	3 569	-	8 453	500	861
	Pub	58 733	8 690	-	1 200	1 200	4
Total		139 863	12 259	-	9 653	1 700	865

Table A5.0 - Total for South Africa

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	1 992	16 230	293	29	694	656	17 902
Hardwood	1 817	12 753	1 519	39	273	263	14 847
Total	3 809	28 982	1 813	68	966	919	32 748

Causes of fires:

	Area	%
	ha	
Natural	2 468	9
Accidental	9 758	34
Arson	11 021	38
Unknown	5 735	20
	<u>28 982</u>	<u>100</u>

Table A5.1 - Zone 1 Limpopo Province

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	6	26	-	-	-	-	26
Hardwood	327	2 458	9	-	-	-	2 467
Total	333	2 484	9	-	-	-	2 493

Causes of fires:

	Area	%
	ha	
Natural	1	0
Accidental	2 283	92
Arson	156	6
Unknown	44	2
	<u>2 484</u>	<u>100</u>

Table A5.2 - Zone 2 Mpumalanga North

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	113	940	124	28	5	12	1 109
Hardwood	92	4 820	15	-	-	-	4 835
Total	205	5 760	139	28	5	12	5 944

Causes of fires:

	Area	
	ha	%
Natural	661	11
Accidental	2 773	48
Arson	1 881	33
Unknown	445	8
	<u>5 760</u>	<u>100</u>

Table A5.3 - Zone 3 Central Districts

Damage by fire and other causes

2002/2003

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	3	208	-	-	-	-	208
Hardwood	1	180	-	-	-	-	180
Total	4	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

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	276	1 528	72	-	673	24	2 297
Hardwood	100	349	214	31	186	-	780
Total	376	1 877	286	31	859	24	3 078

Causes of fires:

	Area	
	ha	%
Natural	70	4
Accidental	110	6
Arson	758	40
Unknown	939	50
	<u>1 877</u>	<u>100</u>

Table A5.5 - Zone 5 Maputaland

Damage by fire and other causes

2002/2003

	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

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	193	712	6	-	-	-	718
Hardwood	120	709	47	-	3	12	771
Total	313	1 421	53	-	3	12	1 489

Causes of fires:

	Area	
	ha	%
Natural	70	5
Accidental	234	16
Arson	752	53
Unknown	365	26
	<u>1 421</u>	<u>100</u>

Table A5.7 - Zone 7 KwaZulu-Natal Midlands

Damage by fire and other causes

2002/2003

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	165	439	5	-	1	50	494
Hardwood	161	474	71	-	59	75	679
Total	326	913	75	-	60	125	1 173

Causes of fires:

	Area ha	%
Natural	173	19
Accidental	321	35
Arson	181	20
Unknown	238	26
	913	100

Table A5.8 - Zone 8 Northern KwaZulu-Natal

Damage by fire and other causes 2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	688	392	12	-	-	-	403
Hardwood	177	1 996	1 152	7	19	38	3 212
Total	865	2 388	1 164	7	19	38	3 615

Causes of fires:

	Area	%
	ha	
Natural	41	2
Accidental	316	13
Arson	1 774	74
Unknown	257	11
	<u>2 388</u>	<u>100</u>

Table A5.9 - Zone 9 Southern KwaZulu-Natal

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	225	3 051	1	-	1	101	3 153
Hardwood	797	1 108	12	1	6	31	1 157
Total	1 022	4 159	13	1	7	132	4 310

Causes of fires:

	Area	
	ha	%
Natural	50	1
Accidental	85	2
Arson	3 695	89
Unknown	329	8
	<u>4 159</u>	<u>100</u>

Table A5.11 - Zone 11 Eastern Cape

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	236	7 659	36	-	-	463	8 158
Hardwood	15	268	-	-	-	107	375
Total	251	7 927	36	-	-	570	8 533

Causes of fires:

	Area	
	ha	%
Natural	265	3
Accidental	3 484	44
Arson	1 670	21
Unknown	2 508	32
	<u>7 927</u>	<u>100</u>

Table A5.12 - Zone 12 Southern Cape

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	32	693	3	-	13	6	715
Hardwood	-	72	-	-	-	-	72
Total	32	765	3	-	13	6	787

Causes of fires:

	Area	
	ha	%
Natural	749	98
Accidental	1	0
Arson	14	2
Unknown	2	0
	765	100

Table A5.13 - Zone 13 Western Cape

Damage by fire and other causes

2002/2003

	Fires		Weather	Diseases	Insects	Animals and Rodents	Total Area Damaged
	Number	ha	ha	ha	ha	ha	ha
Softwood	54	283	36	1	1	-	321
Hardwood	26	19	-	-	-	-	19
Total	80	301	36	1	1	-	339

Causes of fires:

	Area	
	ha	%
Natural	-	0
Accidental	152	50
Arson	141	47
Unknown	9	3
	301	100

Table A6.0 - Total for South Africa

Conversion of existing plantation areas 2002/2003

<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	1 192	794	20	1 815	3 820
	Pub	21	4	-	1 588	1 613
Total Softwood		1 213	798	20	3 403	5 433
Eucalyptus Species	Pvt	2 982	864	64	1 169	5 079
	Pub	71	32	-	94	197
Total Eucalyptus		3 052	896	64	1 263	5 275
Wattle	Pvt	395	981	42	234	1 652
	Pub	-	-	-	-	-
Total Wattle		395	981	42	234	1 652
Other Hardwood Species	Pvt	35	619	93	66	813
	Pub	35	-	-	5	40
Total Other Hardwood		71	619	93	71	854
Total Conversion	Pvt	3 412	2 792	1 751	3 284	11 365
	Pub	106	21	37	1 687	1 850

Table A6.1 - Zone 1 Limpopo Province

Conversion of existing plantation areas 2002/2003

<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	35	-	-	-	35
	Pub	-	-	-	5	5
Total Softwood		35	-	-	5	40
Eucalyptus Species	Pvt	10	-	-	42	52
	Pub	-	-	-	-	-
Total Eucalyptus		10	-	-	42	52
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	10	35	-	-	45
	Pub	-	-	-	5	5
Total Conversion		10	35	-	5	50

Table A6.2 - Zone 2 Mpumalanga North

Conversion of existing plantation areas 2002/2003

<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	73	-	-	20	93
	Pub	-	-	-	10	10	
Total Softwood		73	-	-	30	103	
Eucalyptus Species	Pvt	193	-	-	62	255	
	Pub	16	-	-	-	16	
Total Eucalyptus		209	-	-	62	271	
Wattle	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Wattle		-	-	-	-	-	
Other Hardwood Species	Pvt	-	-	-	7	7	
	Pub	-	-	-	-	-	
Total Other Hardwood		-	-	-	7	7	
	Pvt	193	73	-	-	89	355
	Pub	16	-	-	-	10	26
Total Conversion		209	73	-	-	99	381

Table A6.3 - Zone 3 Central Districts

Conversion of existing plantation areas 2002/2003

<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	-	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood		-	-	-	-	-
Eucalyptus Species	Pvt	224	-	-	-	224
	Pub	-	-	-	-	-
Total Eucalyptus	224		-	-	-	224
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle	-	-		-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood	-	-	-		-	-
Total Conversion	Pvt	224	-	-	-	224
	Pub	-	-	-	-	-
Total Conversion	224	-	-	-	-	224

Table A6.4 - Zone 4 Mpumalanga South

Conversion of existing plantation areas 2002/2003

<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	93	69	14	130	305
	Pub	-	-	-	-	-
Total Softwood		93	69	14	130	305
Eucalyptus Species	Pvt	1 868	106	-	388	2 362
	Pub	-	-	-	-	-
Total Eucalyptus		1 868	106	-	388	2 362
Wattle	Pvt	147	166	-	4	317
	Pub	-	-	-	-	-
Total Wattle		147	166	-	4	317
Other Hardwood Species	Pvt	32	-	-	2	34
	Pub	-	-	-	-	-
Total Other Hardwood		32	-	-	2	34
	Pvt	2 047	259	175	14	524
	Pub	-	-	-	-	-
Total Conversion		2 047	259	175	14	524

Table A6.5 - Zone 5 Maputaland

Conversion of existing plantation areas 2002/2003

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

Table A6.6 - Zone 6 Zululand

Conversion of existing plantation areas 2002/2003

<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	19	93	-	8
	Pub	-	-	-	-	-
Total Softwood		19	93	-	8	120
Eucalyptus Species	Pvt	-	36	-	139	175
	Pub	-	-	-	94	94
Total Eucalyptus		-	36	-	233	269
Wattle	Pvt	-	20	-	-	20
	Pub	-	-	-	-	-
Total Wattle		-	20	-	-	20
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
	Pvt	-	39	129	-	147
	Pub	-	-	-	94	94
Total Conversion		-	39	129	-	241

Table A6.7 - Zone 7 KwaZulu-Natal Midlands

Conversion of existing plantation areas 2002/2003

<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	623	180	-	56	859
	Pub	-	-	-	-	-
Total Softwood		623	180	-	56	859
Eucalyptus Species	Pvt	342	399	23	234	998
	Pub	-	8	-	-	8
Total Eucalyptus		342	407	23	234	1 005
Wattle	Pvt	236	291	40	167	734
	Pub	-	-	-	-	-
Total Wattle		236	291	40	167	734
Other Hardwood Species	Pvt	-	600	-	31	631
	Pub	-	-	-	-	-
Total Other Hardwood		-	600	-	31	631
Total Conversion	Pvt	578	1 514	579	63	3 222
	Pub	-	-	8	-	8
Total Conversion		578	1 514	587	63	3 230

Table A6.8 - Zone 8 Northern KwaZulu-Natal

Conversion of existing plantation areas 2002/2003

<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	40	6	6	-	52
	Pub	-	-	-	-	-
Total Softwood		40	6	6	-	52
Eucalyptus Species	Pvt	23	114	41	20	198
	Pub	-	-	-	-	-
Total Eucalyptus	23		114	41	20	198
Wattle	Pvt	-	254	-	-	254
	Pub	-	-	-	-	-
Total Wattle	-	254		-	-	254
Other Hardwood Species	Pvt	-	-	92	-	92
	Pub	-	-	-	-	-
Total Other Hardwood	-	-	92		-	92
Total Conversion	Pvt	23	294	212	47	595
	Pub	-	-	-	-	-
Total Conversion	23	294	212	47	20	595

Table A6.9 - Zone 9 Southern KwaZulu-Natal

Conversion of existing plantation areas 2002/2003

<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	309	31	-	118
	Pub	-	-	-	-	-
Total Softwood		309	31	-	118	457
Eucalyptus Species	Pvt	32	122	-	116	270
	Pub	-	-	-	-	-
Total Eucalyptus		32	122	-	116	270
Wattle	Pvt	12	251	-	63	326
	Pub	-	-	-	-	-
Total Wattle		12	251	-	63	326
Other Hardwood Species	Pvt	3	-	-	26	30
	Pub	-	-	-	-	-
Total Other Hardwood		3	-	-	26	30
	Pvt	48	560	152	323	1 083
	Pub	-	-	-	-	-
Total Conversion		48	560	152	323	1 083

Table A6.11 - Zone 11 Eastern Cape

Conversion of existing plantation areas 2002/2003

<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	-	415	-	7	422	
	Pub	21	4	-	66	91	
Total Softwood		21	419	-	73	513	
Eucalyptus Species	Pvt	195	88	-	56	339	
	Pub	46	24	-	-	70	
Total Eucalyptus		241	112	-	56	409	
Wattle	Pvt	-	-	2	-	2	
	Pub	-	-	-	-	-	
Total Wattle		-	-	2	-	2	
Other Hardwood Species	Pvt	-	19	1	-	20	
	Pub	-	-	-	-	-	
Total Other Hardwood		-	19	1	-	20	
Total Conversion	Pvt	195	40	504	2	122	783
	Pub	46	21	29	-	73	161
Total Conversion		241	40	532	2	129	945

Table A6.12 - Zone 12 Southern Cape

Conversion of existing plantation areas 2002/2003

<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	-	-	-	992	992
	Pub	-	-	-	1 346	1 346
Total Softwood		-	-	-	2 338	2 338
Eucalyptus Species	Pvt	95	-	-	112	207
	Pub	9	-	-	-	9
Total Eucalyptus	104		-	-	112	216
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle	-	-		-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	35	-	-	5	40
Total Other Hardwood	35	-	-		5	40
Total Conversion	Pvt	95	-	-	1 103	1 198
	Pub	44	-	-	1 351	1 395
Total Conversion	139	-	-	-	2 454	2 594

Table A6.13 - Zone 13 Western Cape

Conversion of existing plantation areas 2002/2003

<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	-	-	-	484	484
	Pub	-	-	-	161	161
Total Softwood		-	-	-	645	645
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Eucalyptus		-	-	-	-	-
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle		-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	-	-	484	484
	Pub	-	-	-	161	161
Total Conversion		-	-	-	645	645

Table A7.0 - Total for South Africa

New afforestation according to species and purpose

2002/2003

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total	
		Species	Species		Hardwoods			
		ha	ha	ha	ha	ha		
Sawlogs	Pvt	600	20	-	-	620	8	
	Pub	2 731	-	-	-	2 731	37	
Total Sawlogs		3 331	20	-	-	3 351	45	
Poles	Pvt	-	17	-	-	17	0	
	Pub	-	236	12	-	248	3	
Total Poles		-	253	12	-	265	4	
Mining timber	Pvt	-	169	-	-	169	2	
	Pub	-	-	-	-	-	-	
Total Mining Timber		-	169	-	-	169	2	
Pulpwood	Pvt	81	2 248	1 090	11	3 430	46	
	Pub	-	-	-	-	-	-	
Total Pulpwood		81	2 248	1 090	11	3 430	46	
Other Purposes	Pvt	21	1	6	175	203	3	
	Pub	-	-	-	-	-	-	
Total Other		21	1	6	175	203	3	
		Pvt	702	2 455	1 096	186	4 439	60
		Pub	2 731	236	12	-	2 979	40
Total All		3 433	2 691	1 108	186	7 418	100	

Table A7.1 - Zone 7 Limpopo Province

New afforestation according to species and purpose

2002/2003

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	20	-	-	20	10
	Pub	-	-	-	-	-	-
Total Sawlogs		-	20	-	-	20	10
Poles	Pvt	-	17	-	-	17	9
	Pub	-	-	-	-	-	-
Total Poles		-	17	-	-	17	9
Mining timber	Pvt	-	155	-	-	155	80
	Pub	-	-	-	-	-	-
Total Mining Timber		-	155	-	-	155	80
Pulpwood	Pvt	-	2	-	-	2	1
	Pub	-	-	-	-	-	-
Total Pulpwood		-	2	-	-	2	1
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	-	194	-	-	194	100
	Pub	-	-	-	-	-	-
Total All		-	194	-	-	194	100

Table A7.2 - Zone 2 Mpumalanga North

New afforestation according to species and purpose

2002/2003

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	18	-	-	-	18	100
	Pub	-	-	-	-	-	-
Total Pulpwood		18	-	-	-	18	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	18	-	-	-	18	100
	Pub	-	-	-	-	-	-
Total All		18	-	-	-	18	100

Table A7.3 - Zone 3 Central Districts

New afforestation according to species and purpose

2002/2003

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

2002/2003

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	80	-	-	-	80	8
	Pub	-	-	-	-	-	-
Total Sawlogs		80	-	-	-	80	8
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	714	69	-	783	74
	Pub	-	-	-	-	-	-
Total Pulpwood		-	714	69	-	783	74
Other Purposes	Pvt	21	1	-	175	197	19
	Pub	-	-	-	-	-	-
Total Other		21	1	-	175	197	19
Total All	Pvt	101	715	69	175	1 060	100
	Pub	-	-	-	-	-	-
Total All		101	715	69	175	1 060	100

Table A7.5 - Zone 5 Maputaland

New afforestation according to species and purpose

2002/2003

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

2002/2003

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	6	-	-	-	6	1
	Pub	-	-	-	-	-	-
Total Sawlogs		6	-	-	-	6	1
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	392	28	-	420	99
	Pub	-	-	-	-	-	-
Total Pulpwood		-	392	28	-	420	99
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	6	392	28	-	426	100
	Pub	-	-	-	-	-	-

Table A7.7 - Zone 7 KwaZulu-Natal Midlands

New afforestation according to species and purpose

2002/2003

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	-	183	114	-	297	100
	Pub	-	-	-	-	-	-
Total Pulpwood		-	183	114	-	297	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	-	183	114	-	297	100
	Pub	-	-	-	-	-	-
Total All		-	183	114	-	297	100

Table A7.8 - Zone 8 Northern KwaZulu-Natal

New afforestation according to species and purpose

2002/2003

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	350	-	-	-	350	9
	Pub	2 648	-	-	-	2 648	65
Total Sawlogs		2 998	-	-	-	2 998	74
Poles	Pvt	-	-	-	-	-	-
	Pub	-	27	-	-	27	1
Total Poles		-	27	-	-	27	1
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	63	450	510	11	1 034	25
	Pub	-	-	-	-	-	-
Total Pulpwood		63	450	510	11	1 034	25
Other Purposes	Pvt	-	-	6	-	6	0
	Pub	-	-	-	-	-	-
Total Other		-	-	6	-	6	0
Total All	Pvt	413	450	516	11	1 390	34
	Pub	2 648	27	-	-	2 675	66
Total All		3 061	477	516	11	4 065	100

Table A7.9 - Zone 9 Southern KwaZulu-Natal

New afforestation according to species and purpose

2002/2003

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	164	-	-	-	164	16
	Pub	-	-	-	-	-	-
Total Sawlogs		164	-	-	-	164	16
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	14	-	-	14	1
	Pub	-	-	-	-	-	-
Total Mining Timber		-	14	-	-	14	1
Pulpwood	Pvt	-	507	369	-	876	83
	Pub	-	-	-	-	-	-
Total Pulpwood		-	507	369	-	876	83
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
Total All	Pvt	164	521	369	-	1 054	100
	Pub	-	-	-	-	-	-

Table A7.11 - Zone 11 Eastern Cape

New afforestation according to species and purpose

2002/2003

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	-	-	-	-	-	-
	Pub	-	209	12	-	221	100
Total Poles		-	209	12	-	221	100
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	-	-	-	-	-	-
	Pub	-	209	12	-	221	100
Total All		-	209	12	-	221	100

Table A7.12 - Zone 12 Southern Cape

New afforestation according to species and purpose

2002/2003

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	83	-	-	-	83	100
Total Sawlogs		83	-	-	-	83	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	-	-	-	-	-	-
	Pub	83	-	-	-	83	100
Total All		83	-	-	-	83	100

Table A7.13 - Zone 13 Western Cape

New afforestation according to species and purpose

2002/2003

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		-	-	-	-	-	-

APPENDIX B - Detailed Primary Roundwood Processing Schedules

Table B10.0 - Primary Roundwood Processors by Ownership Type**2002/2003**

Zone	Number of Plants	Companies and Close Corporations	Individuals and Partnerships	State and Local Authorities
1	35	15	19	1
2	31	28	3	-
3	6	6	-	-
4	18	17	1	-
5	1	-	-	1
6	10	9	-	1
7	24	20	4	-
8	10	7	3	-
9	10	9	1	-
11	14	11	3	-
12	12	11	-	1
13	23	20	2	1
Total	194	153	36	5

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

2002/2003

Intake (m ³)	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	30	1.7	2	3.5	27	17.5	3	1.2	3	0.0	-	-	1	0.7
5001 - 10 000	9	1.7	2	13.6	7	13.6	2	3.1	2	0.1	-	-	1	4.2
10 001 - 20 000	17	6.2	1	20.7	4	15.6	1	2.6	1	0.1	-	-	1	5.3
20 001 - 50 000	20	15.9	-	-	2	20.3	6	39.9	2	0.7	1	100.0	-	-
50 001 - 100 000	17	32.9	1	62.1	2	33.0	2	29.7	3	2.1	-	-	2	89.8
100 001 - 150 000	6	18.8	-	-	-	-	1	23.5	-	-	-	-	-	-
150 001 - 200 000	2	8.6	-	-	-	-	-	-	-	-	-	-	-	-
> 200 000	2	14.2	-	-	-	-	-	-	11	97.0	-	-	-	-
Total	103	100.0	6	100.0	42	100.0	15	100.0	22	100.0	1	100.0	5	100.0

Table B12.0 -Value of Fixed Assets**2002/2003**

Asset Category	Rand	% of total
Land, Buildings and Housing	1 667 838 346	8.8
Machinery, Equipment and Furniture	16 838 792 005	88.9
Vehicles	238 251 396	1.3
Other	198 347 246	1.0
Total Fixed Assets	18 943 228 993	100.0

Table B13.0 -Value of Fixed Assets per Sector**2002/2003**

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	314 528 019	16 101 550	18 294 364	2 177 059	1 024 258 325	34 914 731	257 564 298
Machinery, Equipment and Furniture	590 799 593	146 032 056	26 268 107	4 084 619	15 810 659 224	48 952 676	211 995 729
Vehicles	68 522 898	2 266 759	13 457 608	833 746	139 521 886	3 300 839	10 347 659
Other	5 687 520	508 402	70 567	0	179 043 460	5 775	13 031 522
Total	979 538 031	164 908 767	58 090 646	7 095 424	17 153 482 896	87 174 021	492 939 208

Table B14.0 Total for South Africa

Roundwood Processed or Transferred In 2002/2003

		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	3 559 360	78 120	123 250	-	-	3 498 676	3 498 676	33 474	34 478	-	-	48 075
	Pub	125 061	-	-	-	-	-	-	-	-	-	-	124 565
	Tot	3 684 421	78 120	123 250	-	-	3 498 676	3 498 676	33 474	34 478	-	-	172 640
<i>E. grandis</i>	Pvt	464 377	-	231 717	444 509	653 428	4 231 314	6 220 032	-	-	-	-	19 402
	Pub	-	-	299	-	-	-	-	-	-	-	-	22 407
	Tot	464 377	-	232 016	444 509	653 428	4 231 314	6 220 032	-	-	-	-	41 809
Other gum species	Pvt	6 150	1 823	27 873	42 902	53 628	2 741 155	3 426 444	-	-	59 330	74 163	2 777
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	6 150	1 823	27 873	42 902	53 628	2 741 155	3 426 444	-	-	59 330	74 163	2 777
Wattle species	Pvt	-	-	-	-	-	1 483 391	1 688 099	-	-	141 290	160 788	3 423
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 483 391	1 688 099	-	-	141 290	160 788	3 423
Other Hardwood Species	Pvt	-	7 054	-	-	-	-	-	-	-	-	-	397
	Pub	-	-	-	-	-	-	-	-	-	-	-	3 489
	Tot	-	7 054	-	-	-	-	-	-	-	-	-	3 886
Total	Pvt	4 029 887	86 997	382 840	487 411	707 056	11 954 536	14 833 251	33 474	34 478	200 620	234 951	74 075
	Pub	125 061	-	299	-	-	-	-	-	-	-	-	150 461
	Tot	4 154 948	86 997	383 139	487 411	707 056	11 954 536	14 833 251	33 474	34 478	200 620	234 951	224 536

Table B14.1 Zone 1 Limpopo Province

Roundwood Processed or Transferred In 2002/2003

		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	278 542	-	-	-	-	-	-	-	-	-	-	23 785
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	278 542	-	-	-	-	-	-	-	-	-	-	23 785
<i>E. grandis</i>	Pvt	141 153	-	18 915	17 823	26 200	-	-	-	-	-	-	800
	Pub	-	-	299	-	-	-	-	-	-	-	-	-
	Tot	141 153	-	19 214	17 823	26 200	-	-	-	-	-	-	800
Other gum species	Pvt	550	-	-	-	-	-	-	-	-	59 330	74 163	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	550	-	-	-	-	-	-	-	-	59 330	74 163	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	34 846	39 655	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	34 846	39 655	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	420 245	-	18 915	17 823	26 200	-	-	-	-	94 176	113 817	24 585
	Pub	-	-	299	-	-	-	-	-	-	-	-	-
	Tot	420 245	-	19 214	17 823	26 200	-	-	-	-	94 176	113 817	24 585

Table B14.2 Zone 2 Mpumalanga North

Roundwood Processed or Transferred In 2002/2003

		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	1 306 576	60 274	2 889	-	-	1 668 866	1 668 866	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 306 576	60 274	2 889	-	-	1 668 866	1 668 866	-	-	-	-	-
<i>E. grandis</i>	Pvt	313 021	-	27 328	263 321	387 082	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	313 021	-	27 328	263 321	387 082	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	2 400	-	-	157 871	197 339	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	2 400	-	-	157 871	197 339	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	1 619 597	60 274	32 617	263 321	387 082	1 826 737	1 866 205	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	1 619 597	60 274	32 617	263 321	387 082	1 826 737	1 866 205	-	-	-	-	-

Table B14.3 Zone 3 Central Districts

Roundwood Processed or Transferred In 2002/2003

		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	-	-	-	-	-	-	-	-	33 474	34 478	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	33 474	34 478	-	-
<i>E. grandis</i>	Pvt	-	-	29 400	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	29 400	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	444 111	555 139	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	444 111	555 139	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	-	-	29 400	-	-	444 111	555 139	33 474	34 478	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	29 400	-	-	444 111	555 139	33 474	34 478	-	-	-

Table B14.4 Zone 4 Mpumalanga South

Roundwood Processed or Transferred In 2002/2003

		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	395 243	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	395 243	-	-	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	29 911	115 220	169 373	164 531	241 861	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	29 911	115 220	169 373	164 531	241 861	-	-	-	-	-
Other gum species	Pvt	-	-	-	42 902	53 628	7 263	9 079	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	42 902	53 628	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	395 243	-	29 911	158 122	223 001	174 914	254 490	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	395 243	-	29 911	158 122	223 001	174 914	254 490	-	-	-	-	-

Table B14.5 Zone 5 Maputaland

Roundwood Processed or Transferred In 2002/2003

		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	-	-	-	-	-	-	-	-	-	-	-	-
	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 2002/2003

		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	75 906	-	-	-	-	440 932	440 932	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	124 565
	Tot	75 906	-	-	-	-	440 932	440 932	-	-	-	-	124 565
<i>E. grandis</i>	Pvt	-	-	6 000	-	-	2 268 326	3 334 439	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	22 407
	Tot	-	-	6 000	-	-	2 268 326	3 334 439	-	-	-	-	22 407
Other gum species	Pvt	-	-	2 748	-	-	1 848 924	2 311 155	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	2 748	-	-	1 848 924	2 311 155	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	1 312 381	1 493 490	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	1 312 381	1 493 490	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	3 489
	Tot	-	-	-	-	-	-	-	-	-	-	-	3 489
Total	Pvt	75 906	-	8 748	-	-	5 870 563	7 580 016	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	150 461
	Tot	75 906	-	8 748	-	-	5 870 563	7 580 016	-	-	-	-	150 461

Table B14.7 Zone 7 KwaZulu-Natal Midlands

Roundwood Processed or Transferred In 2002/2003

		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	301 072	2 585	2 320	-	-	782 722	782 722	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	301 072	2 585	2 320	-	-	782 722	782 722	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	79 799	-	-	199 688	293 541	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	79 799	-	-	199 688	293 541	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	280 291	350 364	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	280 291	350 364	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	2 410	2 743	-	-	97 944	111 460	400
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	2 410	2 743	-	-	97 944	111 460	400
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	301 072	2 585	82 119	-	-	1 265 111	1 429 370	-	-	97 944	111 460	400
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	301 072	2 585	82 119	-	-	1 265 111	1 429 370	-	-	97 944	111 460	400

Table B14.8 Zone 8 Northern KwaZulu-Natal

Roundwood Processed or Transferred In 2002/2003

		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	26 229	-	34 500	-	-	-	-	-	-	-	-	4 535
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	26 229	-	34 500	-	-	-	-	-	-	-	-	4 535
<i>E. grandis</i>	Pvt	-	-	1 500	48 145	70 773	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	1 500	48 145	70 773	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	15 370	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	15 370	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	8 500	9 673	3 023
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	8 500	9 673	3 023
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	26 229	-	51 370	48 145	70 773	-	-	-	-	8 500	9 673	7 559
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	26 229	-	51 370	48 145	70 773	-	-	-	-	8 500	9 673	7 559

Table B14.9 Zone 9 Southern KwaZulu-Natal

Roundwood Processed or Transferred In 2002/2003

		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	294 045	-	-	-	-	569 311	569 311	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	294 045	-	-	-	-	569 311	569 311	-	-	-	-	-
<i>E. grandis</i>	Pvt	4 881	-	2 400	-	-	1 598 769	2 350 190	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	4 881	-	2 400	-	-	1 598 769	2 350 190	-	-	-	-	-
Other gum species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	165 148	187 938	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	165 148	187 938	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	298 926	-	2 400	-	-	2 333 228	3 107 440	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	298 926	-	2 400	-	-	2 333 228	3 107 440	-	-	-	-	-

Table B14.11 Zone 11 Eastern Cape

Roundwood Processed or Transferred In 2002/2003

		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	445 439	-	5 209	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	445 439	-	5 209	-	-	-	-	-	-	-	-	-
<i>E. grandis</i>	Pvt	-	-	15 233	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	15 233	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	-	3 665	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	3 665	-	-	-	-	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Total	Pvt	445 439	-	24 107	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	445 439	-	24 107	-	-	-	-	-	-	-	-	-

Table B14.12 Zone 12 Southern Cape

Roundwood Processed or Transferred In 2002/2003

		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	286 335	-	21 228	-	-	26 869	26 869	-	-	-	-	12 931
	Pub	97 534	-	-	-	-	-	-	-	-	-	-	-
	Tot	383 869	-	21 228	-	-	26 869	26 869	-	-	-	-	12 931
<i>E. grandis</i>	Pvt	300	-	21 231	-	-	-	-	-	-	-	-	18 602
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	300	-	21 231	-	-	-	-	-	-	-	-	18 602
Other gum species	Pvt	5 600	-	3 690	-	-	-	-	-	-	-	-	2 777
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 600	-	3 690	-	-	-	-	-	-	-	-	2 777
Wattle species	Pvt	-	-	-	-	-	332	378	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	332	378	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-	-	-	-	-	-	-	397
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	397
Total	Pvt	292 235	-	46 149	-	-	27 201	27 247	-	-	-	-	34 707
	Pub	97 534	-	-	-	-	-	-	-	-	-	-	-
	Tot	389 769	-	46 149	-	-	27 201	27 247	-	-	-	-	34 707

Table B14.13 Zone 13 Western Cape

Roundwood Processed or Transferred In 2002/2003

		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	149 973	15 261	57 104	-	-	9 976	9 976	-	-	-	-	6 824
	Pub	22 409	-	-	-	-	-	-	-	-	-	-	-
	Tot	172 382	15 261	57 104	-	-	9 976	9 976	-	-	-	-	6 824
<i>E. grandis</i>	Pvt	5 022	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	5 022	-	-	-	-	-	-	-	-	-	-	-
Other gum species	Pvt	-	1 823	-	-	-	2 695	3 369	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	1 823	-	-	-	2 695	3 369	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	-	-	-	-	-	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	7 054	-	-	-	-	-	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	-	7 054	-	-	-	-	-	-	-	-	-	-
Total	Pvt	154 995	24 138	57 104	-	-	12 671	13 345	-	-	-	-	6 824
	Pub	22 409	-	-	-	-	-	-	-	-	-	-	-
	Tot	177 404	24 138	57 104	-	-	12 671	13 345	-	-	-	-	6 824

Table B15.0 Value of Roundwood Purchased or Transferred In**2002/2003**

Product	Private Sector	Public Sector	Total
	Rand	Rand	Purchase Value Rand
Sawlogs and Veneerlogs	838 428 744	25 281 463	863 710 207
Wooden Poles	77 204 703	82 190	77 286 893
Mining Timber	82 031 149	-	82 031 149
Pulpwood	3 027 295 689	-	3 027 295 689
Matchwood	9 426 698	-	9 426 698
Roundwood for Charcoal	20 180 878	-	20 180 878
Total	4 054 567 861	25 363 653	4 079 931 514
Roundwood in transit*	2 993 275	32 716 956	35 710 231

* Roundwood purchased but not processed by plant

Table B16.0 Value of Sales and/or Transfers-out of Timber and Timber Products**2002/2003**

Product	Value Rand
Sawn and Planed timber	2 095 080 038
Wooden Poles	173 898 595
Mining Timber	264 183 598
Wood-based Panel Products	942 516 158
Woodpulp, Paper and Paper Products	8 362 232 612
Firewood	109 412
Wood Chips (from roundwood)	1 917 475 919
Mill Residues	55 486 902
Charcoal	107 720 367
Other timber Products	672 039 353
Total	14 590 742 954
Roundwood in Transit*	73 333 471

*Roundwood not processed by plant

Table B17.1 Production Volume of Sawn Timber, Poles, Mining timber and Other Timber Products**2002/2003**

Product	Softwood m ³	Hardwood m ³	Total m ³
Sawn and Planed timber			
For building products	1 234 856	9 392	1 244 248
For furniture products	317 203	52 051	369 254
For other products	<u>524 555</u>	<u>33 308</u>	<u>557 863</u>
Total Sawn and Planed timber	<u>2 076 614</u>	<u>94 751</u>	<u>2 171 365</u>
Wooden Poles			
Transmission poles	20 389	60 383	80 772
Telephone poles	1 248	8 500	9 748
Other poles	<u>114 163</u>	<u>90 929</u>	<u>205 092</u>
Total Wooden Poles	<u>135 800</u>	<u>159 812</u>	<u>295 612</u>
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
Mining Timber for supports	-	448 921	448 921
Other Products			
Wood chips	44 526	3 942 697	3 987 223
Charcoal	-	44 093	44 093
Mill residues	430 131	65 604	495 735
Firewood	9 628	3 232	12 860
Roundwood in transit*	38 158	18 881	57 039

*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

2002/2003

Product	Softwood m ³	Hardwood m ³	Total m ³
Sawn and Planed timber			
For building products	1 089 529	18 240	1 107 769
For furniture products	319 156	50 346	369 502
For other products	<u>492 507</u>	<u>36 266</u>	<u>528 773</u>
Total Sawn and Planed timber	<u>1 901 192</u>	<u>104 852</u>	<u>2 006 044</u>
Wooden Poles			
Transmission poles	20 353	58 086	78 439
Telephone poles	1 248	7 812	9 060
Other poles	<u>112 637</u>	<u>87 794</u>	<u>200 431</u>
Total Wooden Poles	<u>134 238</u>	<u>153 692</u>	<u>287 930</u>
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
Mining Timber for supports	-	444 760	444 760
Other Products			
Wood chips	77 415	3 769 063	3 846 478
Charcoal	-	43 513	43 513
Mill residues	381 562	68 168	449 730
Firewood	9 859	3 467	13 326
Roundwood in transit*	38 048	19 449	57 497

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

Table B18.0 Production and Sales of Woodbased Panel Products and Woodpulp**2002/2003**

Woodbased Panel Products		m ³
Veneer	Own use	6 569
	Sold	8 804
Plywood	Own use	278
	Sold	30 547
Blockboard, Laminboard and Battenboard	Sold	14 020
Particle Board and Chipboard	Sold	427 402
Fibreboard		
Compressed	Sold	245 769
Non-compressed	Sold	-
Woodpulp		tons
Mechanical Pulp	Own use	603
	Sold	306 380
Semi-Chemical Pulp	Own use	258 135
	Sold	25 576
Chemical Pulp	Own use	209 583
	Sold	561 477
Dissolving Pulp	Own use	-
	Sold	499 990