

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

2000/2001

Compiled on behalf of the Directorate: Forest Policy,
by
Forestry Economics Services (Proprietary) Limited.

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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 2000/2001.

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 second 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 1280 plantation returns (2000: 1187) and 167 roundwood timber processing returns (2000: 135). 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 2000 to June 2001.

The information in the 1999/2000 Report and this Report are only based on actual information received and have both been compiled using the same database, with the result that comparisons with the 1999/2000 Report 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 (Pty) Limited 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 (Proprietary) Limited
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STATISTICS IN BRIEF

Commercial Timber Resources

(1999/2000 figures are shown in brackets)

- The total commercial timber plantation area in 2001 was 1 351 760 hectares (1 330 944 ha).
- Private sector ownership accounts for 66% (70%) of the total plantation area.
- Softwood species cover 52% (53%) of the area and hardwood species cover 48% (47%).
- 55% (51%) of the plantation area is managed mainly for pulpwood production, 38% (38%) for sawlog purposes and 4% (7%) for mining timber with the remaining 3% (4%) for other purposes.
- During the 2000/2001 year 8 855 512 tons (8 773 337 tons) were sold as pulpwood, 4 549 655 m³ (4 449 543 m³) as sawlogs and 332 984 tons (498 762 tons) as mining timber.
- The conversion from forestry to other agricultural use was 6 478 hectares (2 803 ha) whilst new afforestation amounted to 5 529 hectares (2 750 ha)

Primary Roundwood Processing

(1999/2000 figures are shown in brackets)

- 167 (143) plants were in operation, of which 98 (78) were sawmills (including veneer and plywood plants), 32 (29) pole treating plants, 17 (18) pulp and board mills and chipping plants and 14 (12) mining timber mills.
- The total roundwood intake during the year was 16 700 100 m³ (17 165 530 m³).
- The delivered at mill cost of the total roundwood intake was R2 712 million (R2 574 million).
- The value of sales of timber products totalled R11 866 million (R12 858 million).
- An amount of some R17 831 million (R16 347 million) was invested in primary roundwood processing plants

GENERAL INTRODUCTION

SCOPE OF POSTAL SURVEYS

Commercial Timber Resources

The survey covers all known commercial timber plantations, irrespective of size, managed by private and public authorities in the Republic of South Africa.

Private Authorities

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

Public Authorities

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

Primary Roundwood Processing

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

Forestry Economic Zones

The area covered by the surveys is demarcated into twelve forestry economic zones consistent with past practice. These zones are based on political (provincial), physical (climate, rainfall, soil), silvicultural (timber species), economic (communication systems) and historic (ingrained usages) considerations. It must be noted that the Northern Province as reflected in previous reports has been renamed to Limpopo Province in this report.

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

Zone 1 Limpopo Province

Dzanani	Sibasa
Gazankulu	Soutpansberg
Lebowa	Vuwani
Letaba	Warmbad
Mutale	Waterberg
Pietersburg	

Zone 2 Mpumalanga North

Barberton	Nelspruit
Lydenburg	Pilgrim's Rest
Mapulaneng	White River

Zone 3 Central Districts

Alberton	Lichtenburg
Belfast	Middelburg
Bloemfontein	Pretoria
Boksburg	Springs
Brits	Westonaria
Klerksdorp	

Zone 4 Mpumalanga South

Carolina	Piet Retief
Eerstehoek	Wakkerstroom
Ermelo	Waterval Boven

Zone 5 Maputaland

Ingwavuma

Zone 6 Zululand

Babanango	Mtonjaneni
Lower Umfolozi	Mtunzini
Eshowe	Nkandla
Hlabisa	

Zone 7 KwaZulu-Natal Midlands

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

Zone 8 KwaZulu-Natal North

Dundee	Paulpietersburg
Newcastle	Utrecht
Ngotshe	Vryheid

Zone 9 KwaZulu-Natal South

Alfred	Port Shepstone
Durban	Umlazi
Ixopo	Umzinto
Mount Currie	Underberg
Polela	

Zone 11 Eastern Cape

Bizana	Mqanduli
Cathcart	Ngqeleni
Elliot	Port Elizabeth
Engcobo	Qumbu
Hankey	Siphageni
Keiskammahoek	St Marks
King William's Town	Stockenström
Komga	Stutterheim
Kwa-bhaca	Tabankulu
Libode	Tsolo
Lusikisiki	Umtata
Maclear	Umzimkulu
Maxesibeni	Xalanga

Zone 12 Southern Cape

George	Knysna
Humansdorp	Mossel Bay

Zone 13 Western Cape

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

Symbols, Abbreviations and Conversion Factors

(a) Symbols and abbreviations used

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

(b) Rounding

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

(c) Conversion factors

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

Softwood

Sawlogs 1 ton = 0.94m³

Pulpwood 1 ton = 1.0m³

Eucalyptus grandis

Sawlogs 1 ton = 0.94m³

Pulpwood 1 ton = 1.47m³

Other Gum Species

Sawlogs 1 ton = 0.78m³

Pulpwood 1 ton = 1.25m³

Wattle 1 ton = 1.138m³

Poplar 1 ton = 1.03m³

COMPARISON OF 2000/2001 WITH 1999/2000

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 considerably higher than the previous reporting year it is evident that there are a number of potential respondents whose information is not included in this publication.

A number of additional plantation owners not included in the original mailing list were noted during the statistics information gathering process. These additional 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 2000/2001 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 2000/2001 reported area of 1 351 760 hectares is 20 816 hectares, 1.6%, more than the 1.33 million hectares reported for 1999/2000.

A comparison, by province, of the 1999/2000 reported plantation area and the area included in this Report is given in the table below.

Province	2001		2000		Difference
	Plantation Area		Plantation Area		
	Hectares	%	Hectares	%	Hectares
Limpopo Province	64 534	4.8	61 949	4.7	2 585
Mpumalanga	540 709	40.0	535 406	40.2	5 303
North West Province	107	-	113	-	(6)
Free State	-	-	70	-	(70)
KwaZulu-Natal	525 154	38.8	517 649	38.9	7 505
Eastern Cape	148 919	11.0	143 030	10.7	5 889
Western Cape	72 337	5.4	72 727	5.5	(390)
Total	1 351 760	100.0	1 330 944	100.0	20 816

The reported hectares are known to be understated and an attempt has been made to quantify this potential understatement in the paragraph headed "Estimated Understatement of Reported Plantation Area and Processing Capacity" below.

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 significant change in the intended purpose for which certain hardwood plantations are grown as shown in the table below.

Purpose	2001		2000	
	Softwood	Hardwood	Softwood	Hardwood
	%	%	%	%
Sawlogs	69	3	68	4
Pulpwood	30	83	30	75
Mining Timber	-	8	-	15
Other	1	6	2	6
Total	100	100	100	100

Timber sold as mining timber has experienced a dramatic decline over the past decade and this has again been confirmed in this report by a further decrease of 7% but timber sold to chip manufacturers, who sell hardwood pulpwood chips to Far Eastern markets, has conversely experienced a further increase. This explains the dramatic change in the reported management purpose for hardwood timber from mining timber to pulpwood.

Sales Volumes from Plantations

A comparison of sales volumes from plantations for the period 2000/2001 and 1999/2000 is shown in the table below.

Product	2001		2000	
Sawlogs	4 549 655	m ³	4 449 543	m ³
Poles	544 897	m ³	711 579	m ³
Mining Timber	332 984	tons	498 762	tons
Pulpwood	8 855 512	tons	8 773 337	tons
Charcoal & Firewood	188 950	tons	135 179	tons
Other	89 830	tons	114 439	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. The marginally lower sales volumes, 0.82%, reflected in the table above are consistent with market indicators.

The decrease in the volume of poles sold, can possibly be explained by the change in census form design between the two reporting periods, separating mining timber from mining poles. The mining timber volumes sold have been declining and this trend has been reflected in the figures shown in this report.

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.

Special efforts have been made to improve the completeness of the reported statistical information, by increased number of returns and also by the re-design of the questionnaire. 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 0.8 million tons. This is a decrease of 0.4 million tons compared with the previous year. It is a known fact that in the given reporting period 2000/2001, 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 none of the sawlog volume difference can be offset against the pulpwood difference, a plantation area of between 50 000 hectares and 65 000 hectares, in cycle, would be needed to support this annual timber volume difference. This area represents between 3.7% and 4.8% of the 1 351 760 hectares reported in this publication.

If the same offset assumption is made for the sawlog volume difference of 1.1 million cubic metres, the sawn timber production and sales volume are understated by between 450 000 cubic metres and say 600 000 cubic metres. This volume of sawn timber would have a value in the range of R400 million and R550 million, which represents approximately 4% of the reported industry sales value of R11 866 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 is under commercial plantations in 2001.

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 72% (971 098 ha) is under private sector ownership whilst the other 28% (380 663 ha) is under public ownership. The extent of public ownership will decrease significantly once the partially completed SAFCOL privatisation process is finalised.

Only 12.5% (169 321 ha) of the plantation area is owned by 733 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 349 989 000 hectares or 49.6% 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 64 847 hectares and is confined to the Cape regions.

The region with the largest hardwood area is the Province of KwaZulu-Natal where 57% of all hardwoods occur. The dominant species is *Eucalyptus grandis*, which accounts for 45% of the total hardwood area. South African hardwoods are grown primarily for pulpwood and mining timber production on an eight to twelve year rotation and hence the apparent young ages of the *Eucalyptus* plantations shown in Table IV.

Primary Management Purpose of Plantations

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

56% of all plantations are managed for pulpwood, 38% for sawlogs, 4% for mining timber and 2% for other purposes. Softwoods are managed mainly for sawlog production (69%), whilst 83% of the hardwood area is managed for pulpwood production.

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

Roundwood Sales

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

A comparison of the plantation sales volumes in Table VI with the roundwood purchases in Table 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 2000/2001 survey amounted to 20 041 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 2000/2001, reported conversions from one timber species to another amounted to 4 725 ha whilst conversion from timber to other land uses amounted to 6 478 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.

45% of the newly afforested area comprised areas planted to Eucalyptus trees, 31% to softwoods, 21% to wattle trees and the balance of 3% to other hardwood species. The private sector was responsible for 98% 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**2000/2001**

Region/Zone	1999/2000 ha	2000/2001 ha	% of RSA	Private Ownership	Public Ownership
Northern Regions					
Limpopo Province	61 949	64 534	4.8	44 478	20 056
Mpumalanga North	240 070	250 940	18.6	155 282	95 657
Central Districts	19 597	19 545	1.4	14 155	5 391
Mpumalanga South	275 922	270 331	20.0	242 873	27 459
Total Northern Regions	597 538	605 350	44.8	456 788	148 563
Middle Regions					
Maputaland	19 163	19 247	1.4		19 247
Zululand	136 810	136 052	10.1	103 241	32 812
Northern KwaZulu-Natal	80 282	76 582	5.7	73 662	2 920
KwaZulu-Natal Midlands	178 244	184 860	13.7	177 968	6 892
Southern KwaZulu-Natal	103 150	108 413	8.0	90 455	17 958
Total Middle Regions	517 649	525 154	38.8	445 325	79 829
Southern Regions					
Eastern Cape	123 959	129 788	9.6	35 644	94 144
Southern Cape	68 190	69 345	5.1	23 551	45 793
Western Cape	23 608	22 123	1.6	9 790	12 333
Total Southern Regions	215 757	221 256	16.4	68 985	152 271
Total South Africa	1 330 944	1 351 760	100.0	971 098	380 663

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

2000/2001

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
<u>Number of Plantation Units</u>									
1 to 49	233	65	4	302	6	3	9	311	24.3
50 to 99	108	30	4	142	24	1	25	167	13.0
100 to 199	151	45	1	197	37	1	38	235	18.4
200 to 499	168	59	2	229	36	3	39	268	20.9
500 to 999	51	37	-	88	14	1	15	103	8.0
1 000 to 1 999	17	26	-	43	21	-	21	64	5.0
2 000 to 4 999	4	24	-	28	27	1	28	56	4.4
5 000 +	1	47	-	48	28	-	28	76	5.9
Total Number	733	333	11	1 077	193	10	203	1 280	100.0
<u>Total Plantation Area in Hectares</u>									
1 to 49	4 849	1 420	62	6 331	192	45	237	6 567	0.5
50 to 99	7 920	2 265	253	10 438	1 757	70	1 827	12 265	0.9
100 to 199	21 412	6 357	100	27 869	5 504	101	5 605	33 474	2.5
200 to 499	53 818	18 779	442	73 039	11 601	959	12 559	85 599	6.3
500 to 999	33 950	26 998	-	60 947	10 029	652	10 681	71 629	5.3
1 000 to 1 999	23 002	36 566	-	59 569	30 771	-	30 771	90 340	6.7
2 000 to 4 999	13 471	81 668	-	95 139	86 362	2 567	88 929	184 068	13.6
5 000 +	10 898	626 867	-	637 765	230 053	-	230 053	867 818	64.2
Total Area	169 321	800 920	857	971 098	376 269	4 394	380 663	1 351 760	100.0

Table III - Distribution of Timber Species by Zones**2000/2001**

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	24 890	3.5	39 298	7.5	33	0.0	313	2.5
Mpumalanga North	172 059	24.4	78 565	14.9	56	0.1	260	2.1
Central Districts	15 823	2.2	3 617	0.7	39	0.0	66	0.5
Mpumalanga South	135 830	19.3	109 272	20.8	18 224	16.9	7 005	56.8
Total Northern Regions	348 601	49.4	230 752	43.8	18 352	17.0	7 645	61.9
Middle Regions								
Maputaland	10 187	1.4	9 044	1.7	-	-	15	0.1
Zululand	20 745	2.9	103 174	19.6	10 410	9.6	1 723	14.0
Northern KwaZulu-Natal	15 137	2.1	40 666	7.7	20 723	19.2	56	0.5
KwaZulu-Natal Midlands	66 877	9.5	71 386	13.6	45 471	42.1	1 125	9.1
Southern KwaZulu-Natal	44 671	6.3	52 675	10.0	10 866	10.1	202	1.6
Total Middle Regions	157 617	22.3	276 945	52.6	87 471	81.0	3 122	25.3
Southern Regions								
Eastern Cape	111 469	15.8	16 138	3.1	1 769	1.6	412	3.3
Southern Cape	65 820	9.3	2 235	0.4	352	0.3	938	7.6
Western Cape	21 719	3.1	178	0.0	-	-	226	1.8
Total Southern Regions	199 008	28.2	18 551	3.5	2 121	2.0	1 575	12.8
Total South Africa	705 227	100.0	526 248	100.0	107 944	100.0	12 341	100.0

Table IV - Age Distribution by Species**2000/2001**

Age Class	Softwood species		Eucalyptus Species		Wattle		Other Hardwood Species	
	ha	% of Total	ha	% of Total	ha	% of Total	ha	% of Total
Area temporarily unplanted	30 921	4.4	14 140	2.7	4 006	3.7	153	1.2
0-4 years	125 478	17.8	174 561	33.2	41 562	38.5	1 367	11.1
4-9 years	162 840	23.1	227 148	43.2	45 742	42.4	5 649	45.8
9-14 years	155 552	22.1	78 751	15.0	13 406	12.4	2 307	18.7
14-19 years	86 886	12.3	15 190	2.9	1 003	0.9	1 323	10.7
19-24 years	61 593	8.7	3 876	0.7	258	0.2	327	2.6
24-29 years	41 278	5.9	1 282	0.2	64	0.1	150	1.2
29-34 years	22 880	3.2	1 310	0.2	61	0.1	279	2.3
34 + years	15 448	2.2	8 978	1.7	205	0.2	291	2.4
Jungle	2 351	0.3	1 012	0.2	1 637	1.5	495	4.0
Total Area	705 227	100.0	526 248	100.0	107 944	100.0	12 341	100.0

Table V - Plantation Area According to Main Purpose for which Trees are Grown**2000/2001**

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	23 903	9 485	952	14 135	11 102	35	4 926
Mpumalanga North	144 162	9 757	27 896	36 034	30 886	-	2 094
Central Districts	3 240	-	12 577	2 352	1 108	5	263
Mpumalanga South	60 199	417	75 083	124 658	6 896	547	2 563
Total Northern Regions	231 505	19 659	116 509	177 179	49 992	587	9 847
Middle Regions							
Maputaland	-	-	10 187	9 047	-	-	15
Zululand	14 873	-	5 872	113 140	-	0	2 198
Northern KwaZulu-Natal	8 754	-	6 383	59 606	678	1	1 177
KwaZulu-Natal Midlands	31 123	621	35 749	113 084	698	5	3 586
Southern KwaZulu-Natal	19 609	87	24 990	61 828	556	72	1 289
Total Middle Regions	74 358	708	83 181	356 704	1 932	78	8 265
Southern Regions							
Eastern Cape	94 395	149	10 360	4 642	208	6 714	13 322
Southern Cape	59 000	1 972	1 524	564	-	5 295	990
Western Cape	18 871	-	-	10	-	2 848	394
Total Southern Regions	172 266	2 120	11 884	5 216	208	14 858	14 705
Total South Africa	478 130	22 487	211 574	539 099	52 131	15 523	32 816

Table VI - Roundwood Sales by Product and Zone**2000/2001**

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	286 118	36 578	72 153	99 194	12 308	45 916
Mpumalanga North	1 534 311	62 929	65 991	977 050	42 474	9 063
Central Districts	32 000	100	1 000	151 409	1 000	-
Mpumalanga South	566 244	35 027	132 150	2 182 444	26 705	8 836
Total Northern Regions	2 418 673	134 633	271 294	3 410 097	82 487	63 815
Middle Regions						
Maputaland	40 000	-	-	151 000	-	-
Zululand	93 988	32 253	26 609	1 667 660	3 532	318
Northern KwaZulu-Natal	42 405	3 681	32 632	508 195	17 831	585
KwaZulu-Natal Midlands	248 359	67 490	1 448	2 016 467	25 931	15 091
Southern KwaZulu-Natal	257 746	23 523	565	931 568	20 984	374
Total Middle Regions	682 498	126 946	61 254	5 274 890	68 278	16 368
Southern Regions						
Eastern Cape	603 124	208 633	-	118 776	31 487	4 487
Southern Cape	627 099	57 857	436	37 669	5 533	2 839
Western Cape	218 260	16 828	-	14 080	1 165	2 320
Total Southern Regions	1 448 483	283 318	436	170 526	38 186	9 646
Total South Africa	4 549 655	544 897	332 984	8 855 512	188 950	89 830

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 167 plants are included in the 2000/2001 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 R17 831 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 94%.

Roundwood Intake

The volume of roundwood intake by primary processor amounted to 16 700 million cubic metres of which pulpwood comprised 71%. 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 R2 712 million (1999/2000 – R2 574 million), see Table B15.0 (Page 99).

Sales of Products

1. Sales Value

The total value of reported sales of timber based products in 2000/2001 amounted to R11 866 million an decrease of 8.4% on the value of R12 858 million reported for the 1999/2000 period. Woodpulp and paper products continue to dominate the industry accounting for R6 838 million (1999/2000 R9 144 million) or 57.6% (1999/2000 – 71%).

Refer to Table B16.0 on page 100 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 102)**

Sawn timber	1 716 031	m ³
Poles	254 392	m ³
Mining timber	337 036	tons
Woodchips	3 954 651	tons

(The volume of wood products produced, as opposed to the volume sold, is reflected in Table B17.1 on page 101.)

- **Quantity of sales of pulp and board products (Table B18.0 – page 103)**

Paper grade pulp	572 590	tons
Dissolving pulp	461 328	tons
Particle board	458 762	tons
Fibreboard	186 507	tons

Table VII - Roundwood Intake by Primary Processors**2000/2001**

	m ³	t
Sawlogs and Veneerlogs	3 407 215	
Poles	320 616	
Mining Timber		548 438
Pulpwood		9 535 917
Other		293 433

APPENDIX A – Detailed Commercial Timber Resources Schedules

Table A1.0 - Total for South Africa

Age in Years	Area of Softwood Species by Age Class						2000/2001
	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	11 846	8 486	709	8 454		1 414	30 910
0-1	14 388	7 949	486	1 489		4 088	28 399
1-2	14 924	9 106	533	2 284	25	3 694	30 568
2-3	15 946	6 127	799	2 110		6 651	31 633
3-4	19 733	5 970	960	3 284		4 962	34 908
4-5	19 263	7 996	486	3 807	73	4 056	35 679
5-6	20 916	7 891	768	3 483	2	2 891	35 949
6-7	16 986	8 068	662	3 038		3 291	32 043
7-8	12 908	8 099	323	2 745	51	1 953	26 080
8-9	19 470	9 633	433	2 749	14	1 381	33 680
9-10	22 605	10 525	607	3 138	103	995	37 973
10-11	24 880	8 516	603	2 081	157	598	36 836
11-12	18 701	8 493	146	1 808	527	605	30 280
12-13	12 424	8 322	260	1 666	429	388	23 490
13-14	14 156	9 105	248	1 732	386	1 086	26 712
14-15	8 937	7 231	468	1 483	493	617	19 230
15-16	8 088	6 351	610	1 222	389	532	17 192
16-17	8 958	5 924	860	1 107	471	624	17 944
17-18	7 980	4 391	1 440	826	636	639	15 912
18-19	7 640	5 060	2 078	734	603	351	16 465
19-20	6 761	5 244	2 109	874	502	221	15 711
20-21	5 891	3 439	2 313	1 037	662	89	13 431
21-22	3 860	3 499	2 532	1 034	454	225	11 604
22-23	3 689	1 984	2 303	955	757	296	9 985
23-24	3 726	2 783	2 097	880	1 150	127	10 762
24-25	3 076	1 606	1 933	1 107	1 347	190	9 259
25-26	3 214	1 950	1 529	1 402	899	382	9 376
26-27	2 421	1 712	2 059	940	929	204	8 266
27-28	2 776	1 131	1 467	658	480	146	6 658
28-29	2 114	2 305	1 920	845	380	115	7 679
29-30	2 386	1 354	595	544	599	105	5 583
30-31	1 535	883	864	521	467	95	4 365
31-32	1 366	1 948	780	886	1 733	210	6 922
32-33	1 230	681	461	376	357	283	3 389
33-34	1 074	508	540	259	167	37	2 584
34+	3 485	3 614	327	2 602	4 245	1 150	15 423
Jungle	637	386	73	688	154	409	2 347
Total	349 989	188 269	37 381	64 847	19 641	45 101	705 227

Table A1.1 - Zone 1 Limpopo Province

Area of Softwood Species by Age Class 2000/2001

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	282	51	-	-	-	60	393
0-1	782	52	-	35	-	338	1 208
1-2	314	257	-	17	-	215	803
2-3	514	247	-	-	-	116	877
3-4	893	116	-	10	-	8	1 027
4-5	1 160	265	1	12	-	48	1 486
5-6	2 614	362	-	38	-	59	3 073
6-7	1 374	230	34	40	-	32	1 710
7-8	830	232	30	29	-	83	1 203
8-9	519	92	-	8	-	22	641
9-10	426	122	11	19	-	41	619
10-11	823	198	33	12	-	129	1 195
11-12	691	31	-	16	-	41	779
12-13	540	82	-	10	-	45	677
13-14	407	40	-	-	-	29	476
14-15	446	234	-	4	-	30	713
15-16	527	93	-	1	-	32	652
16-17	371	164	17	1	-	32	586
17-18	609	107	56	-	-	47	820
18-19	419	141	61	-	-	18	639
19-20	232	36	68	-	-	57	393
20-21	223	75	92	-	-	18	408
21-22	157	43	76	-	-	10	287
22-23	209	4	72	-	-	52	338
23-24	221	33	189	-	-	47	490
24-25	183	22	160	-	-	16	381
25-26	104	28	140	-	-	43	316
26-27	62	27	160	-	-	13	262
27-28	42	2	134	-	-	-	178
28-29	51	-	119	-	-	-	170
29-30	102	14	158	-	-	-	274
30-31	43	223	135	-	-	1	403
31-32	180	317	260	-	-	26	783
32-33	167	154	183	-	-	70	574
33-34	10	-	-	-	-	-	10
34+	48	-	1	-	-	-	49
Jungle	1	-	-	-	-	-	1
Total	16 572	4 096	2 192	252	-	1 778	24 890

Table A1.2 - Zone 2 Mpumalanga North

Age in Years	Area of Softwood Species by Age Class						2000/2001
	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	1 988	682	302	-	-	97	3 068
0-1	1 880	1 292	282	-	-	1 330	4 783
1-2	3 716	1 957	276	-	-	1 727	7 677
2-3	3 125	1 352	495	-	-	2 045	7 017
3-4	3 848	1 463	524	-	-	1 312	7 147
4-5	5 095	2 660	316	-	-	570	8 641
5-6	5 721	3 452	298	-	-	440	9 912
6-7	6 414	3 999	255	2	-	460	11 130
7-8	3 345	2 551	44	-	-	210	6 150
8-9	3 832	3 393	123	-	-	273	7 621
9-10	3 476	2 373	243	-	-	249	6 342
10-11	4 392	2 712	123	-	-	167	7 394
11-12	3 820	2 739	72	-	-	78	6 710
12-13	3 833	2 073	43	-	-	67	6 016
13-14	3 775	2 765	85	-	3	128	6 756
14-15	3 161	2 630	392	-	-	236	6 419
15-16	2 436	2 341	252	-	-	234	5 262
16-17	2 879	2 155	463	-	-	296	5 793
17-18	2 819	2 107	734	46	-	299	6 004
18-19	1 662	1 765	741	2	-	222	4 392
19-20	1 387	1 779	921	30	29	91	4 237
20-21	1 129	1 417	1 119	16	23	59	3 764
21-22	1 100	1 455	1 203	-	-	95	3 853
22-23	695	844	1 393	-	-	114	3 045
23-24	1 212	754	859	-	-	24	2 850
24-25	884	546	1 097	-	-	69	2 595
25-26	1 080	776	1 089	1	10	35	2 992
26-27	852	581	1 267	-	20	17	2 737
27-28	1 116	580	1 105	-	-	33	2 834
28-29	837	737	804	-	-	26	2 404
29-30	613	336	378	-	-	10	1 337
30-31	410	341	561	-	-	5	1 317
31-32	381	442	335	-	-	-	1 159
32-33	137	134	135	-	-	56	461
33-34	346	131	187	-	-	25	688
34+	692	105	183	-	-	68	1 048
Jungle	334	131	26	-	-	13	504
Total	84 424	57 551	18 723	96	84	11 180	172 059

Table A1.3 - Zone 3 Central Districts

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. eliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	286	4	-	-	-	-	290
0-1	18	-	-	-	-	128	146
1-2	367	-	-	-	-	106	473
2-3	216	9	-	-	-	27	253
3-4	322	13	-	-	-	66	400
4-5	207	104	-	-	-	195	507
5-6	335	172	-	8	-	47	563
6-7	632	251	-	-	-	48	930
7-8	820	83	-	-	-	49	952
8-9	549	277	-	-	-	-	826
9-10	603	281	-	-	-	4	888
10-11	614	160	-	-	-	2	776
11-12	669	546	-	-	-	4	1 219
12-13	322	488	-	-	-	1	811
13-14	943	334	-	-	-	41	1 318
14-15	713	120	-	-	-	-	833
15-16	842	68	-	-	-	-	910
16-17	257	47	-	-	-	17	322
17-18	235	30	-	-	-	5	270
18-19	616	498	-	-	-	-	1 114
19-20	155	168	254	-	-	-	577
20-21	232	191	47	-	-	-	470
21-22	21	87	-	-	-	-	108
22-23	26	-	6	-	-	4	36
23-24	38	39	-	-	-	-	77
24-25	26	-	-	-	-	-	26
25-26	70	46	-	-	-	-	116
26-27	151	-	-	-	-	-	151
27-28	40	-	-	-	-	30	70
28-29	-	-	-	-	-	-	-
29-30	21	-	-	-	-	-	21
30-31	-	-	-	-	-	-	-
31-32	-	-	-	-	-	-	-
32-33	267	-	-	-	-	-	267
33-34	1	-	-	-	-	-	1
34+	43	-	-	-	-	61	104
Jungle	-	-	-	-	-	-	-
Total	10 658	4 016	307	8	-	834	15 823

Table A1.4 - Zone 4 Mpumalanga South

Area of Softwood Species by Age Class 2000/2001

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	4 214	960	181	-	-	112	5 467
0-1	4 035	1 475	-	-	-	193	5 703
1-2	5 221	1 084	-	-	-	372	6 677
2-3	5 769	1 441	12	-	-	510	7 732
3-4	7 252	1 397	26	-	-	577	9 252
4-5	6 567	1 957	-	-	-	394	8 918
5-6	6 164	1 198	-	-	-	312	7 675
6-7	3 597	1 177	13	-	-	215	5 002
7-8	4 115	1 606	0	13	-	92	5 826
8-9	4 663	2 019	8	-	-	58	6 748
9-10	6 723	1 925	50	-	-	49	8 747
10-11	5 161	1 585	171	-	-	56	6 973
11-12	3 039	1 123	5	-	-	52	4 220
12-13	2 668	1 665	60	-	-	28	4 421
13-14	1 675	1 884	64	-	-	293	3 916
14-15	1 829	576	5	-	-	125	2 535
15-16	1 482	688	88	1	-	18	2 278
16-17	3 226	521	187	-	-	37	3 970
17-18	1 933	368	305	-	-	95	2 701
18-19	2 351	682	513	-	-	25	3 571
19-20	2 897	1 314	352	-	-	22	4 584
20-21	2 673	610	481	3	-	-	3 766
21-22	1 497	1 012	707	-	-	40	3 254
22-23	1 707	678	389	-	-	45	2 818
23-24	948	565	337	-	-	37	1 887
24-25	1 322	137	102	-	-	100	1 662
25-26	953	74	53	-	-	14	1 094
26-27	547	21	141	-	-	-	709
27-28	913	56	62	-	-	30	1 061
28-29	553	2	32	-	-	-	586
29-30	449	7	12	-	-	5	474
30-31	139	1	16	-	-	5	161
31-32	417	1	-	-	-	23	441
32-33	187	5	-	-	-	61	253
33-34	188	-	-	-	-	-	188
34+	318	-	1	-	-	63	382
Jungle	152	-	-	-	-	27	179
Total	97 542	29 813	4 375	17	-	4 083	135 830

Table A1.5 - Zone 5 Maputaland

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. eliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	2 308	-	-	-	-	2 308
0-1	-	801	-	-	-	-	801
1-2	-	790	-	-	-	-	790
2-3	-	-	-	-	-	119	119
3-4	-	-	-	-	-	-	-
4-5	-	-	-	-	-	222	222
5-6	-	-	-	-	-	102	102
6-7	-	-	-	-	-	234	234
7-8	-	-	-	-	-	186	186
8-9	-	15	-	-	-	143	158
9-10	-	9	-	-	-	-	9
10-11	-	-	-	-	-	-	-
11-12	-	-	-	-	-	215	215
12-13	-	-	-	-	-	201	201
13-14	-	101	-	-	-	375	476
14-15	-	182	-	-	-	173	355
15-16	-	308	-	-	-	177	485
16-17	-	598	-	-	-	142	740
17-18	-	322	-	-	-	153	474
18-19	-	-	-	-	-	-	-
19-20	-	242	-	-	-	-	242
20-21	-	7	-	-	-	-	7
21-22	-	-	-	-	-	-	-
22-23	-	-	-	-	-	-	-
23-24	-	28	-	-	-	-	28
24-25	-	-	-	-	-	-	-
25-26	-	4	-	-	-	-	4
26-27	-	-	-	-	-	-	-
27-28	-	100	-	-	-	-	100
28-29	-	347	-	-	-	-	347
29-30	-	530	-	-	-	-	530
30-31	-	22	-	-	-	-	22
31-32	-	359	-	-	-	-	359
32-33	-	-	-	-	-	-	-
33-34	-	-	-	-	-	-	-
34+	-	306	-	-	-	366	672
Jungle	-	-	-	-	-	-	-
Total	-	7 380	-	-	-	2 807	10 187

Table A1.6 - Zone 6 Zululand

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. eliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	1 193	-	-	-	50	1 243
0-1	86	79	-	-	-	49	215
1-2	61	226	-	-	-	-	287
2-3	122	407	-	-	-	906	1 435
3-4	-	432	3	-	-	-	435
4-5	-	272	-	-	-	8	280
5-6	2	721	23	-	-	72	817
6-7	13	389	-	-	-	91	493
7-8	62	1 343	13	-	-	374	1 792
8-9	639	520	-	-	-	4	1 163
9-10	112	1 319	12	-	-	73	1 516
10-11	158	569	3	-	-	3	733
11-12	441	797	16	-	-	16	1 269
12-13	97	610	2	-	-	-	708
13-14	1 281	734	12	-	-	197	2 223
14-15	46	1 498	53	-	-	18	1 615
15-16	109	849	92	-	-	4	1 053
16-17	49	352	45	-	-	84	530
17-18	12	274	105	-	-	-	391
18-19	316	102	143	-	-	20	582
19-20	-	84	16	-	-	-	99
20-21	-	32	27	-	-	-	59
21-22	39	70	50	-	-	-	159
22-23	-	22	86	-	-	45	153
23-24	252	42	-	-	-	-	294
24-25	-	15	-	-	-	-	15
25-26	-	1	-	-	-	-	1
26-27	245	-	168	-	-	132	545
27-28	-	-	-	-	-	-	-
28-29	-	-	115	-	-	-	115
29-30	415	-	-	-	-	34	449
30-31	-	-	-	-	-	-	-
31-32	-	-	-	-	-	-	-
32-33	-	-	20	-	-	-	20
33-34	-	-	-	-	-	-	-
34+	16	38	-	-	-	0	54
Jungle	-	-	-	-	-	-	-
Total	4 573	12 988	1 004	-	-	2 180	20 745

Table A1.7 - Zone 7 Kwazulu-Natal Midlands

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	1 301	265	147	26	-	366	2 104
0-1	1 534	548	15	-	-	648	2 744
1-2	1 719	550	182	-	-	314	2 765
2-3	1 809	792	283	-	-	323	3 207
3-4	1 599	747	380	2	-	470	3 198
4-5	1 570	616	129	-	-	420	2 734
5-6	2 078	466	222	6	-	255	3 027
6-7	1 071	591	175	43	-	-	1 880
7-8	733	545	86	-	-	19	1 383
8-9	1 800	903	243	24	-	116	3 084
9-10	3 724	1 620	124	14	-	13	5 495
10-11	4 665	927	153	20	-	24	5 789
11-12	3 400	1 209	52	40	-	51	4 753
12-13	2 285	2 141	150	-	-	29	4 604
13-14	1 743	1 509	75	-	-	23	3 349
14-15	839	858	5	-	-	23	1 726
15-16	734	950	68	1	-	11	1 763
16-17	932	1 376	45	-	-	7	2 359
17-18	974	430	78	-	-	7	1 489
18-19	725	468	149	-	-	27	1 369
19-20	949	621	305	-	-	22	1 898
20-21	812	506	322	-	-	4	1 644
21-22	285	478	305	-	-	66	1 135
22-23	256	111	127	-	-	28	522
23-24	318	108	147	-	-	-	573
24-25	270	59	99	-	-	-	427
25-26	300	60	38	-	-	3	401
26-27	70	70	37	-	-	-	177
27-28	163	7	70	-	-	2	243
28-29	151	12	21	-	-	-	185
29-30	65	41	17	-	-	-	123
30-31	42	29	23	-	-	-	93
31-32	62	18	9	-	-	-	89
32-33	45	59	5	-	-	-	109
33-34	43	10	-	-	-	5	58
34+	147	49	-	-	-	22	217
Jungle	15	8	-	-	-	138	161
Total	39 229	19 755	4 284	175	-	3 434	66 877

Table A1.8 - Zone 8 Northern Kwazulu-Natal

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	107	108	-	-	-	-	215
0-1	162	203	15	-	-	-	380
1-2	158	218	-	-	-	-	376
2-3	244	278	-	-	-	46	568
3-4	345	427	-	-	-	35	806
4-5	274	455	12	-	-	1	742
5-6	277	568	-	-	-	27	872
6-7	384	607	31	-	-	-	1 022
7-8	296	699	4	-	-	19	1 018
8-9	1 193	712	-	-	-	-	1 905
9-10	340	957	-	-	-	-	1 297
10-11	428	362	-	-	-	-	790
11-12	504	248	-	-	-	-	753
12-13	319	408	6	-	-	-	732
13-14	146	151	-	-	-	-	298
14-15	110	51	-	-	-	-	161
15-16	194	181	3	-	-	16	393
16-17	158	65	-	-	-	-	223
17-18	308	53	86	-	-	6	454
18-19	200	30	80	-	-	-	310
19-20	81	32	33	-	-	-	146
20-21	159	23	109	-	-	6	297
21-22	104	-	94	-	-	-	197
22-23	14	1	101	-	-	-	116
23-24	41	15	90	-	-	-	146
24-25	30	41	120	-	-	-	191
25-26	41	60	24	-	-	75	199
26-27	17	27	31	-	-	17	92
27-28	54	107	2	-	-	-	163
28-29	28	18	2	-	-	30	78
29-30	21	5	-	-	-	15	42
30-31	28	40	-	-	-	-	67
31-32	22	25	10	-	-	-	57
32-33	28	-	-	-	-	-	28
33-34	-	-	0	-	-	-	0
34+	2	-	-	-	1	-	3
Jungle	-	-	-	-	-	-	-
Total	6 815	7 177	852	-	1	292	15 137

Table A1.9 - Zone 9 Southern Kwazulu-Natal

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	666	95	79	-	-	93	932
0-1	647	285	-	-	-	678	1 609
1-2	899	42	-	-	-	254	1 195
2-3	1 875	174	-	-	-	441	2 490
3-4	3 043	426	10	-	-	668	4 147
4-5	1 772	379	-	-	-	296	2 446
5-6	1 667	59	32	-	-	277	2 036
6-7	1 132	68	-	-	-	78	1 278
7-8	357	58	-	-	-	11	425
8-9	3 205	702	2	-	-	16	3 925
9-10	2 365	167	-	-	-	-	2 531
10-11	3 993	283	-	-	-	-	4 276
11-12	1 964	96	-	-	-	-	2 059
12-13	1 448	89	-	-	-	15	1 552
13-14	2 703	743	2	1	-	-	3 449
14-15	547	211	-	-	-	-	758
15-16	868	131	40	-	-	-	1 038
16-17	127	29	19	-	-	-	175
17-18	230	62	-	-	-	25	317
18-19	740	989	312	-	-	40	2 081
19-20	217	60	30	-	-	27	333
20-21	165	42	49	-	-	-	256
21-22	73	58	61	-	-	-	192
22-23	122	30	-	-	-	-	152
23-24	201	793	408	-	-	-	1 402
24-25	47	35	46	-	-	-	129
25-26	121	70	95	-	-	170	457
26-27	24	61	155	-	-	-	240
27-28	69	9	76	-	-	-	154
28-29	76	807	640	-	-	31	1 554
29-30	-	5	-	-	-	-	5
30-31	-	8	12	-	-	-	20
31-32	3	1	24	-	-	61	89
32-33	-	3	-	-	-	-	3
33-34	80	126	54	-	-	-	260
34+	-	-	-	607	-	62	669
Jungle	1	-	-	-	-	35	36
Total	31 444	7 195	2 148	608	-	3 276	44 671

Table A1.11 - Zone 11 Eastern Cape

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	3 004	1 990	-	149	-	622	5 765
0-1	5 243	1 539	175	71	-	723	7 750
1-2	2 461	2 459	76	36	-	706	5 738
2-3	2 272	586	9	59	-	2 119	5 045
3-4	2 432	503	16	327	-	1 826	5 105
4-5	2 618	665	18	553	28	1 884	5 766
5-6	2 057	468	165	621	-	1 255	4 565
6-7	2 370	304	154	592	-	2 133	5 552
7-8	2 351	574	107	422	-	878	4 332
8-9	3 069	591	58	176	-	718	4 611
9-10	4 836	1 080	166	501	30	547	7 160
10-11	4 647	1 398	120	286	33	107	6 590
11-12	4 173	1 321	-	169	149	129	5 941
12-13	913	594	-	193	176	2	1 878
13-14	1 483	629	10	74	128	-	2 324
14-15	1 232	671	3	168	124	-	2 197
15-16	896	464	69	203	176	27	1 835
16-17	959	285	84	106	58	-	1 492
17-18	844	451	56	214	28	0	1 593
18-19	611	184	79	43	130	-	1 046
19-20	843	758	131	168	76	2	1 978
20-21	498	224	67	81	35	-	905
21-22	586	264	36	48	39	14	986
22-23	662	177	130	27	410	-	1 405
23-24	495	342	63	92	709	-	1 701
24-25	313	588	309	130	754	5	2 099
25-26	545	742	75	298	526	38	2 224
26-27	453	738	100	99	240	20	1 650
27-28	378	134	18	36	26	51	642
28-29	418	186	186	83	68	28	969
29-30	698	213	30	85	29	38	1 092
30-31	873	132	87	59	12	79	1 241
31-32	299	418	57	163	213	97	1 246
32-33	400	76	105	147	-	53	780
33-34	408	209	299	65	-	2	982
34+	2 220	2 311	51	93	4	138	4 817
Jungle	135	83	20	64	-	167	469
Total	58 693	24 347	3 124	6 697	4 201	14 407	111 469

Table A1.12 - Zone 12 Southern Cape

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. elliottii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	830	-	4 543	-	15	5 388
0-1	-	1 675	-	1 197	-	-	2 872
1-2	-	1 524	-	2 139	-	-	3 663
2-3	-	839	-	1 588	-	-	2 428
3-4	-	447	-	1 883	-	-	2 330
4-5	-	618	10	2 526	-	6	3 160
5-6	-	424	6	1 968	2	4	2 404
6-7	-	452	-	1 703	-	-	2 155
7-8	-	410	39	1 423	51	32	1 955
8-9	-	410	-	1 678	14	-	2 102
9-10	-	671	-	1 746	67	-	2 484
10-11	-	315	-	1 252	96	-	1 663
11-12	-	384	-	1 275	285	-	1 943
12-13	-	172	-	997	134	-	1 302
13-14	-	214	-	1 148	144	-	1 507
14-15	15	199	10	965	273	-	1 462
15-16	-	278	-	762	160	-	1 200
16-17	-	333	-	799	294	-	1 425
17-18	15	188	20	415	489	2	1 130
18-19	-	198	-	506	383	-	1 087
19-20	-	150	-	422	206	-	778
20-21	-	310	-	597	527	2	1 435
21-22	-	32	-	700	318	-	1 050
22-23	-	116	-	728	320	1	1 164
23-24	-	63	6	568	380	-	1 016
24-25	-	165	-	803	490	-	1 458
25-26	-	85	-	913	224	1	1 223
26-27	-	187	-	664	614	1	1 466
27-28	-	136	-	503	353	-	992
28-29	-	197	-	521	214	-	932
29-30	-	203	-	387	479	0	1 069
30-31	-	87	17	237	350	-	690
31-32	-	359	85	524	812	0	1 780
32-33	-	251	13	111	274	31	678
33-34	-	32	-	117	132	-	281
34+	-	791	91	1 022	3 845	39	5 789
Jungle	-	164	-	46	149	-	359
Total	30	13 907	296	39 374	12 079	133	65 820

Table A1.13 - Zone 13 Western Cape

Area of Softwood Species by Age Class 2000/2001

Age in Years	<i>P. patula</i> ha	<i>P. elliotii</i> ha	<i>P. taeda</i> ha	<i>P. radiata</i> ha	<i>P. pinaster</i> ha	Other ha	Total ha
Temporary Unplanted	-	-	-	3 737	-	-	3 737
0-1	-	-	-	186	-	-	186
1-2	8	-	-	93	25	-	126
2-3	-	1	-	462	-	-	463
3-4	-	-	-	1 062	-	-	1 062
4-5	-	4	-	716	45	13	778
5-6	-	-	21	842	-	42	905
6-7	-	-	-	658	-	-	658
7-8	-	-	-	857	-	-	857
8-9	-	-	-	863	-	32	895
9-10	-	-	-	859	7	20	886
10-11	-	7	-	512	28	110	657
11-12	-	-	-	308	93	18	419
12-13	-	-	-	467	119	-	586
13-14	-	-	-	509	111	-	620
14-15	-	-	-	346	97	11	454
15-16	-	-	-	253	53	15	321
16-17	-	-	-	201	119	8	328
17-18	-	-	-	152	118	-	270
18-19	-	3	-	183	90	-	275
19-20	-	-	-	254	191	-	445
20-21	-	2	-	341	77	1	421
21-22	-	-	-	286	97	-	384
22-23	-	-	-	201	27	8	236
23-24	-	-	-	220	60	19	299
24-25	-	0	-	173	102	-	275
25-26	-	3	14	190	139	3	350
26-27	-	-	-	177	56	5	238
27-28	-	-	-	120	101	1	222
28-29	-	-	-	242	98	-	340
29-30	-	-	-	72	92	4	167
30-31	-	-	13	225	106	5	349
31-32	-	9	-	199	708	3	919
32-33	-	-	-	119	83	13	215
33-34	-	-	-	78	35	5	118
34+	-	13	-	880	395	332	1 620
Jungle	-	-	27	578	5	29	639
Total	8	43	75	17 619	3 277	697	21 719

Table A2.0 - Total for South Africa

Area of Hardwood Species by Age Class 2000/2001

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	8 474	5 660	4 006	36	117	18 293
0-1	19 847	23 472	11 162	72	103	54 656
1-2	19 656	21 335	9 702	97	203	50 992
2-3	21 010	23 759	10 636	110	298	55 813
3-4	23 837	21 620	10 063	79	405	56 004
4-5	23 199	23 991	10 446	81	850	58 567
5-6	27 337	25 129	8 531	92	1 422	62 511
6-7	27 133	21 810	10 472	191	1 259	60 865
7-8	23 117	21 718	9 216	74	893	55 018
8-9	21 831	11 902	7 076	104	683	41 596
9-10	17 506	8 862	5 732	90	560	32 749
10-11	11 113	7 358	4 185	121	443	23 220
11-12	6 762	5 611	1 848	188	212	14 622
12-13	7 964	5 307	1 152	121	283	14 828
13-14	5 130	3 164	489	54	234	9 071
14-15	4 166	2 014	387	70	352	6 989
15-16	2 827	710	226	96	74	3 932
16-17	1 811	460	236	24	204	2 736
17-18	1 361	787	89	131	181	2 548
18-19	839	210	66	83	108	1 306
19-20	1 895	168	31	22	78	2 193
20-21	503	164	143	40	81	931
21-22	371	132	6	30	21	559
22-23	207	92	66	16	14	395
23-24	198	145	12	14	11	381
24-25	328	110	31	29	24	523
25-26	236	36	25	0	16	313
26-27	178	58	-	12	28	275
27-28	150	24	2	1	6	182
28-29	142	20	6	13	22	203
29-30	111	88	12	19	21	250
30-31	180	170	19	17	38	423
31-32	84	193	-	10	146	434
32-33	154	142	30	1	4	331
33-34	76	111	-	14	9	210
34+	7 687	1 287	205	35	256	9 470
Jungle	355	657	1 637	49	447	3 145
Total	287 774	238 474	107 944	2 234	10 107	646 533

Table A2.1 - Zone 1 Limpopo Province

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	593	186	-	3	-	782
0-1	1 246	1 165	-	-	-	2 411
1-2	1 714	1 001	-	-	-	2 715
2-3	1 784	1 274	-	2	-	3 060
3-4	1 522	1 224	3	-	-	2 750
4-5	1 695	1 896	5	1	-	3 597
5-6	2 246	2 029	2	-	-	4 278
6-7	2 287	1 863	19	0	-	4 169
7-8	1 737	1 719	4	0	-	3 460
8-9	1 272	1 375	-	-	-	2 647
9-10	1 474	875	-	4	-	2 354
10-11	664	1 224	-	9	-	1 897
11-12	394	676	-	4	-	1 074
12-13	756	233	-	4	-	993
13-14	445	147	-	0	-	592
14-15	294	90	-	1	-	385
15-16	177	132	-	3	4	316
16-17	148	38	-	25	-	210
17-18	221	108	-	35	-	363
18-19	86	68	-	51	-	205
19-20	79	32	-	23	6	140
20-21	148	68	-	44	-	260
21-22	146	22	-	5	6	179
22-23	110	44	-	-	2	156
23-24	80	59	-	1	-	140
24-25	61	78	-	2	-	140
25-26	17	20	-	-	-	37
26-27	34	17	-	0	-	51
27-28	51	5	-	0	-	56
28-29	44	-	-	-	-	44
29-30	30	18	-	3	-	50
30-31	-	10	-	2	-	12
31-32	7	3	-	58	-	68
32-33	-	-	-	-	-	-
33-34	-	4	-	-	-	4
34+	1	2	-	14	-	17
Jungle	32	-	-	-	-	32
Total	21 596	17 703	33	295	18	39 644

Table A2.2 - Zone 2 Mpumalanga North

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	2 160	506	-	-	2	2 668
0-1	3 854	1 314	-	-	-	5 167
1-2	3 700	1 062	-	3	-	4 764
2-3	3 702	1 582	-	-	5	5 289
3-4	3 738	2 960	-	-	-	6 698
4-5	4 313	2 751	39	39	-	7 141
5-6	4 698	1 583	-	1	-	6 282
6-7	5 237	803	12	-	4	6 057
7-8	4 511	1 015	-	-	-	5 526
8-9	4 436	281	-	1	-	4 718
9-10	4 405	991	-	5	-	5 401
10-11	2 804	712	-	-	-	3 516
11-12	2 146	713	-	11	17	2 887
12-13	2 958	170	1	17	-	3 147
13-14	1 317	122	-	23	-	1 462
14-15	1 409	123	-	-	-	1 531
15-16	1 294	35	-	-	8	1 337
16-17	728	64	-	20	11	822
17-18	620	33	-	3	-	656
18-19	359	24	-	6	-	389
19-20	1 487	25	-	2	-	1 514
20-21	110	21	-	4	-	135
21-22	198	6	-	-	-	204
22-23	35	14	-	-	-	49
23-24	81	33	-	3	-	117
24-25	36	24	-	19	-	80
25-26	200	5	-	-	-	206
26-27	91	13	-	-	3	107
27-28	48	4	-	-	-	52
28-29	67	10	-	3	-	80
29-30	51	5	2	-	-	58
30-31	96	80	-	35	-	210
31-32	73	30	-	-	5	108
32-33	31	15	-	-	-	46
33-34	68	3	-	-	-	71
34+	38	63	-	-	5	106
Jungle	129	140	2	3	3	277
Total	61 231	17 334	56	197	63	78 881

Table A2.3 - Zone 3 Central Districts

Area of Hardwood Species by Age Class 2000/2001

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	231	-	0	-	231
0-1	58	76	-	-	-	134
1-2	67	180	-	12	-	258
2-3	202	142	-	-	-	344
3-4	54	24	-	-	-	78
4-5	97	108	-	-	-	205
5-6	191	522	-	-	-	714
6-7	270	252	39	-	-	561
7-8	55	96	-	-	-	151
8-9	-	165	-	-	-	165
9-10	119	14	-	-	-	133
10-11	29	2	-	-	-	31
11-12	31	37	-	-	-	68
12-13	49	266	-	-	-	314
13-14	28	129	-	-	-	157
14-15	-	4	-	-	-	4
15-16	-	8	-	-	50	58
16-17	-	-	-	-	-	-
17-18	-	-	-	-	-	-
18-19	-	12	-	-	-	12
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	-	39	-	-	0	39
22-23	-	1	-	-	-	1
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	4	-	4
Jungle	-	61	-	-	-	61
Total	1 248	2 369	39	16	50	3 722

Table A2.4 - Zone 4 Mpumalanga South

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	855	2 475	817	113	27	4 287
0-1	3 643	10 911	2 325	92	32	17 004
1-2	1 758	8 094	1 320	188	27	11 388
2-3	2 625	6 670	1 801	268	69	11 432
3-4	3 224	7 489	1 665	405	6	12 789
4-5	3 202	6 274	1 789	701	56	12 021
5-6	3 984	6 207	1 151	1 187	38	12 567
6-7	2 431	7 147	1 683	1 096	103	12 461
7-8	2 495	5 658	1 166	533	10	9 861
8-9	1 754	3 405	1 331	634	9	7 134
9-10	683	3 676	754	504	3	5 620
10-11	540	3 226	769	207	45	4 786
11-12	474	2 385	378	85	71	3 393
12-13	145	3 167	296	129	19	3 755
13-14	117	1 850	248	10	25	2 250
14-15	22	1 294	95	17	40	1 468
15-16	68	304	63	-	20	455
16-17	158	111	95	-	-	364
17-18	1	461	-	-	108	571
18-19	-	14	23	9	1	46
19-20	-	20	-	-	5	25
20-21	5	54	122	-	14	195
21-22	-	59	-	-	-	59
22-23	-	9	-	-	3	12
23-24	-	-	-	-	-	-
24-25	2	-	13	-	29	44
25-26	-	-	6	-	-	6
26-27	-	9	-	-	7	16
27-28	-	-	-	-	-	-
28-29	-	4	-	-	11	15
29-30	-	33	-	-	8	41
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	13	-	-	-	-	13
33-34	-	-	-	-	-	-
34+	-	11	122	3	-	136
Jungle	15	43	192	26	13	289
Total	28 211	81 062	18 224	6 206	798	134 501

Table A2.5 - Zone 5 Maputaland

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	146	-	-	-	-	146
0-1	167	-	-	-	-	167
1-2	70	-	-	-	-	70
2-3	114	683	-	-	-	797
3-4	534	391	-	-	-	925
4-5	828	113	-	-	-	941
5-6	1 686	195	-	-	-	1 881
6-7	1 521	621	-	-	-	2 142
7-8	560	53	-	-	-	613
8-9	1 037	-	-	-	-	1 037
9-10	171	-	-	-	-	171
10-11	108	-	-	-	-	108
11-12	38	-	-	6	-	43
12-13	1	-	-	-	-	1
13-14	-	7	-	-	-	7
14-15	-	-	-	4	-	4
15-16	-	-	-	-	-	-
16-17	-	-	-	-	-	-
17-18	1	-	-	-	-	1
18-19	-	-	-	-	-	-
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	4	-	4
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	-	-	-	2	-	2
Jungle	-	-	-	-	-	-
Total	6 982	2 062	-	15	-	9 060

Table A2.6 - Zone 6 Zululand

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 676	342	133	1	-	2 152
0-1	1 959	1 529	1 176	-	-	4 664
1-2	4 347	4 471	2 318	-	-	11 136
2-3	3 450	6 010	1 015	-	-	10 475
3-4	6 606	3 964	1 157	-	-	11 727
4-5	3 203	5 501	1 013	69	-	9 787
5-6	5 481	5 810	932	166	-	12 388
6-7	4 765	4 811	879	66	-	10 521
7-8	5 726	5 864	427	314	-	12 331
8-9	6 057	2 379	551	8	-	8 995
9-10	3 796	408	194	13	-	4 411
10-11	1 578	729	131	216	-	2 653
11-12	1 180	323	147	60	-	1 709
12-13	1 080	294	146	84	-	1 604
13-14	1 255	61	49	81	-	1 445
14-15	616	29	127	309	-	1 081
15-16	488	0	1	39	-	528
16-17	141	-	-	84	-	224
17-18	67	-	3	131	-	201
18-19	82	-	-	-	-	82
19-20	2	-	-	-	-	2
20-21	4	-	-	1	-	5
21-22	1	-	-	-	-	1
22-23	3	-	-	-	-	3
23-24	3	5	-	-	-	9
24-25	-	-	-	-	-	-
25-26	-	6	-	-	-	6
26-27	-	11	-	-	-	11
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	8	-	-	9	-	17
34+	7 006	-	2	58	-	7 067
Jungle	49	-	11	15	-	75
Total	60 628	42 546	10 410	1 723	-	115 308

Table A2.7 - Zone 7 KwaZulu-Natal Midlands

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	1 314	818	1 807	-	7	3 946
0-1	3 781	2 935	5 253	-	6	11 975
1-2	2 793	2 864	4 119	-	61	9 836
2-3	3 198	2 736	4 191	-	36	10 161
3-4	3 264	2 707	4 902	-	71	10 945
4-5	3 892	2 852	4 368	17	26	11 154
5-6	3 940	3 598	3 728	41	54	11 360
6-7	3 526	2 015	4 574	44	82	10 241
7-8	3 099	2 338	4 217	33	50	9 737
8-9	3 505	1 189	2 793	2	74	7 563
9-10	2 891	1 294	2 441	2	45	6 673
10-11	2 133	698	1 546	5	70	4 453
11-12	1 225	731	648	-	85	2 688
12-13	976	875	353	5	89	2 297
13-14	512	280	132	-	12	937
14-15	340	247	86	-	17	689
15-16	372	104	74	2	14	567
16-17	490	197	39	-	1	728
17-18	421	85	41	-	23	569
18-19	289	-	12	-	66	367
19-20	210	-	5	-	10	225
20-21	219	9	-	-	26	255
21-22	18	4	-	-	19	41
22-23	31	-	5	-	9	44
23-24	4	-	-	-	7	11
24-25	5	1	4	-	-	10
25-26	1	3	5	-	-	9
26-27	45	-	-	-	-	45
27-28	48	3	-	-	1	52
28-29	25	-	-	-	-	25
29-30	-	-	-	-	2	2
30-31	15	-	12	-	2	29
31-32	-	-	-	2	-	2
32-33	110	-	-	-	-	110
33-34	-	0	-	-	2	2
34+	28	36	5	4	4	77
Jungle	32	17	110	-	-	159
Total	42 751	28 635	45 471	156	969	117 983

Table A2.8 - Zone 8 Northern KwaZulu-Natal

Area of Hardwood Species by Age Class 2000/2001

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	414	540	811	-	-	1 764
0-1	2 770	4 175	1 849	11	-	8 805
1-2	2 205	1 601	1 433	-	9	5 248
2-3	3 075	2 254	2 454	-	-	7 782
3-4	1 741	1 559	1 738	-	-	5 037
4-5	1 854	1 900	1 919	-	-	5 673
5-6	1 679	2 425	1 704	-	-	5 807
6-7	1 868	1 740	1 751	-	2	5 360
7-8	1 365	2 354	1 764	-	14	5 496
8-9	895	1 899	1 416	-	-	4 210
9-10	446	608	1 138	-	9	2 201
10-11	253	233	1 173	-	-	1 659
11-12	176	34	473	-	-	683
12-13	25	51	182	-	12	269
13-14	248	7	12	-	-	267
14-15	56	10	28	-	-	94
15-16	89	-	19	-	-	108
16-17	37	-	16	-	-	53
17-18	10	-	22	-	-	32
18-19	6	-	-	-	-	6
19-20	15	-	-	-	-	15
20-21	-	-	1	-	-	1
21-22	-	-	-	-	-	-
22-23	5	-	-	-	-	5
23-24	-	-	9	-	-	9
24-25	2	-	10	-	-	12
25-26	-	-	-	-	-	-
26-27	6	-	-	-	-	6
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	-	-	-	-	-
34+	4	27	-	-	-	31
Jungle	1	8	803	-	-	812
Total	19 241	21 425	20 723	11	45	61 445

Table A2.9 - Zone 9 Southern KwaZulu-Natal

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	586	397	384	-	-	1 367
0-1	1 629	1 074	470	-	34	3 207
1-2	2 226	1 515	418	-	-	4 159
2-3	2 185	2 180	1 072	-	-	5 437
3-4	2 541	1 211	519	-	-	4 271
4-5	2 911	2 349	1 189	-	-	6 449
5-6	2 346	2 550	855	-	-	5 750
6-7	2 738	2 266	1 280	2	-	6 286
7-8	2 914	2 508	1 522	-	-	6 944
8-9	2 401	992	929	-	21	4 342
9-10	2 530	665	1 106	-	33	4 333
10-11	2 877	257	519	-	6	3 659
11-12	978	204	182	-	16	1 379
12-13	1 766	77	157	-	1	2 001
13-14	1 181	324	31	-	17	1 553
14-15	940	104	12	-	13	1 068
15-16	273	-	11	-	-	284
16-17	79	2	2	-	13	95
17-18	9	6	8	-	-	22
18-19	1	14	1	-	16	32
19-20	72	-	-	-	-	72
20-21	-	-	10	-	-	10
21-22	-	2	-	-	-	2
22-23	12	-	-	-	-	12
23-24	-	13	-	-	8	21
24-25	2	-	-	-	-	2
25-26	-	-	-	-	0	0
26-27	0	-	-	-	1	1
27-28	-	-	-	-	-	-
28-29	-	-	-	-	-	-
29-30	-	-	-	-	-	-
30-31	70	25	-	-	10	105
31-32	-	-	-	-	-	-
32-33	-	-	-	-	-	-
33-34	-	96	-	-	12	108
34+	472	61	15	-	-	548
Jungle	-	46	177	-	-	223
Total	33 739	18 935	10 866	2	200	63 742

Table A2.11 - Zone 11 Eastern Cape

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	731	166	43	-	-	940
0-1	740	286	88	-	-	1 115
1-2	775	548	94	-	-	1 417
2-3	675	228	103	29	-	1 035
3-4	613	83	78	-	-	774
4-5	1 206	221	106	21	-	1 554
5-6	1 086	211	160	-	-	1 456
6-7	2 491	278	223	-	-	2 992
7-8	656	106	101	-	-	862
8-9	469	161	57	-	-	688
9-10	992	238	84	19	-	1 333
10-11	127	192	13	1	-	334
11-12	122	429	12	13	-	577
12-13	208	170	9	37	-	424
13-14	27	211	-	28	-	265
14-15	490	112	18	-	-	620
15-16	66	72	7	7	-	152
16-17	32	22	80	14	-	148
17-18	12	37	-	6	-	55
18-19	15	15	13	27	-	70
19-20	31	23	5	25	-	84
20-21	16	11	2	2	-	30
21-22	7	-	6	-	4	17
22-23	10	1	62	-	3	75
23-24	29	-	3	-	-	32
24-25	208	-	5	-	-	213
25-26	18	2	-	2	-	22
26-27	2	8	-	-	-	10
27-28	-	-	-	-	-	-
28-29	-	1	6	-	2	9
29-30	29	-	10	-	9	48
30-31	-	-	-	-	5	5
31-32	4	40	-	87	5	136
32-33	-	-	2	-	-	2
33-34	-	8	-	-	-	8
34+	59	16	40	20	9	144
Jungle	97	201	343	3	33	676
Total	12 041	4 097	1 769	341	70	18 319

Table A2.12 - Zone 12 Southern Cape

Area of Hardwood Species by Age Class 2000/2001

Age in Years	<i>E. grandis</i> ha	Other Gum ha	Wattle ha	Poplars ha	Other ha	Total ha
Temporary Unplanted	-	-	11	-	-	11
0-1	-	6	-	-	-	6
1-2	-	-	-	-	-	-
2-3	-	-	-	-	-	-
3-4	-	6	2	-	-	8
4-5	-	26	18	2	-	47
5-6	-	-	-	28	-	28
6-7	-	12	13	50	-	74
7-8	-	6	17	13	-	35
8-9	-	53	-	24	-	77
9-10	-	92	15	13	-	121
10-11	-	85	34	6	-	124
11-12	-	80	8	34	-	121
12-13	-	4	9	8	-	21
13-14	-	26	17	30	-	73
14-15	-	2	22	21	-	45
15-16	-	52	51	22	-	125
16-17	-	27	3	62	-	91
17-18	-	57	15	6	-	78
18-19	-	62	18	15	-	95
19-20	-	68	21	27	-	116
20-21	-	-	9	30	-	39
21-22	-	1	1	16	-	17
22-23	-	23	-	14	-	37
23-24	-	36	-	7	-	42
24-25	12	7	-	4	-	23
25-26	-	-	14	13	-	27
26-27	-	-	-	24	-	24
27-28	-	12	2	5	-	19
28-29	-	6	-	15	-	21
29-30	-	33	-	18	-	50
30-31	-	56	7	1	-	63
31-32	-	120	-	-	-	120
32-33	-	127	28	-	1	156
33-34	-	0	-	-	-	0
34+	73	989	20	30	-	1 113
Jungle	-	77	-	400	-	477
Total	85	2 150	352	937	1	3 525

Table A2.13 - Zone 13 Western Cape

Age in Years	Area of Hardwood Species by Age Class					2000/2001
	<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	-	-	-	-	2	2
4-5	-	-	-	-	-	-
5-6	1	-	-	-	-	1
6-7	-	2	-	-	-	2
7-8	-	1	-	-	-	1
8-9	4	2	-	14	-	20
9-10	-	-	-	-	-	-
10-11	-	-	-	-	-	-
11-12	-	-	-	-	-	-
12-13	-	1	-	-	-	1
13-14	-	-	-	63	-	63
14-15	-	-	-	-	-	-
15-16	-	3	-	1	-	4
16-17	-	-	-	-	-	-
17-18	-	-	-	-	-	-
18-19	-	2	-	-	-	2
19-20	-	-	-	-	-	-
20-21	-	-	-	-	-	-
21-22	-	-	-	-	-	-
22-23	-	-	-	-	-	-
23-24	-	-	-	-	-	-
24-25	-	-	-	-	-	-
25-26	-	-	-	-	-	-
26-27	-	-	-	-	-	-
27-28	3	-	-	-	-	3
28-29	6	-	-	4	-	10
29-30	-	-	-	-	-	-
30-31	-	-	-	-	-	-
31-32	-	-	-	-	-	-
32-33	-	-	-	4	-	4
33-34	-	-	-	-	-	-
34+	5	82	-	121	17	225
Jungle	-	65	-	-	-	65
Total	20	158	-	207	19	404

Table A3.0 - Total for South Africa

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	478 129	26	7 788	20	-	-	211 574	16	7 730	27	705 221
<i>E. grandis</i>	18 110	24	14 969	11	42 379	12	210 761	9	1 586	11	287 804
Other Eucalyptus	3 350	26	4 163	9	8 759	11	218 868	8	3 334	10	238 474
Wattle	-	-	3 701	9	913	9	102 126	9	1 204	8	107 944
Other Hardwoods	1 027	36	502	13	80	11	7 344	11	3 364	15	12 317
Totals	500 616		31 122		52 131		750 673		17 218		1 351 760

Table A3.1 - Zone 1 Limpopo Province

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	23 903	28	35	16	-	-	952	16	-	-	24 890
<i>E. grandis</i>	7 826	25	2 254	9	7 383	10	3 223	10	910	10	21 596
Other Eucalyptus	1 403	18	1 206	10	3 711	10	10 909	10	475	10	17 703
Wattle	-	-	-	-	-	-	-	-	33	10	33
Other Hardwoods	256	24	-	-	8	23	-	-	49	16	313
Totals	33 388		3 495		11 102		15 083		1 467		64 534

Table A3.2 - Zone 2 Mpumulanga North

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	144 162	28	-	-	-	-	27 890	18	-	-	172 053
<i>E. grandis</i>	9 891	24	1 498	10	29 349	10	20 443	10	56	12	61 237
Other Eucalyptus	320	25	18	20	1 458	9	15 125	10	413	14	17 334
Wattle	-	-	-	-	-	-	56	10	-	-	56
Other Hardwoods	79	27	-	-	63	10	18	25	100	16	260
Totals	154 453		1 516		30 870		63 531		569		250 940

Table A3.3 - Zone 3 Central Districts

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	3 240	30	-	-	-	-	12 577	18	5	25	15 823
<i>E. grandis</i>	-	-	-	-	-	-	1 248	9	-	-	1 248
Other Eucalyptus	-	-	-	-	1 108	18	1 063	12	197	9	2 369
Wattle	-	-	-	-	-	-	39	10	-	-	39
Other Hardwoods	-	-	-	-	-	-	-	-	66	10	66
Totals	3 240		-		1 108		14 928		268		19 545

Table A3.4 - Zone 4 Mpumulanga South

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	60 199	26	-	-	-	-	75 083	18	547	29	135 830
<i>E. grandis</i>	117	23	772	12	4 179	9	23 066	9	77	9	28 211
Other Eucalyptus	271	22	-	-	2 289	9	77 528	9	973	10	81 062
Wattle	-	-	-	-	425	9	17 708	10	92	8	18 224
Other Hardwoods	29	11	-	-	-	-	6 323	11	653	19	7 005
Totals	60 617		772		6 893		199 708		2 342		270 331

Table A3.5 - Zone 5 Maputaland

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	-	-	-	-	-	-	10 187	20	-	-	10 187
<i>E. grandis</i>	-	-	-	-	-	-	6 982	10	-	-	6 982
Other Eucalyptus	-	-	-	-	-	-	2 062	10	-	-	2 062
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	-	-	4	15	-	-	-	-	12	23	15
Totals	-	-	4	-	-	-	19 232	-	12	-	19 247

Table A3.6 - Zone 6 Zululand

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	14 873	24	-	-	-	-	5 872	16	0	20	20 745
<i>E. grandis</i>	-	-	-	-	-	-	60 606	10	22	15	60 628
Other Eucalyptus	-	-	-	-	-	-	42 546	8	-	-	42 546
Wattle	-	-	329	9	-	-	9 948	10	133	12	10 410
Other Hardwoods	-	-	-	-	-	-	10	10	1 714	14	1 723
Totals	14 873		329		-		118 982		1 869		136 052

Table A3.7 - Zone 7 KwaZulu-Natal Midlands

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	31 123	25	-	-	-	-	35 749	17	5	30	66 877
<i>E. grandis</i>	133	13	534	8	224	9	41 435	9	448	12	42 775
Other Eucalyptus	120	25	5	13	103	12	28 273	9	134	13	28 635
Wattle	-	-	2 176	9	393	10	42 789	10	113	9	45 471
Other Hardwoods	145	25	-	-	2	13	778	13	176	15	1 101
Totals	31 522		2 715		722		149 025		876		184 860

Table A3.8 - Zone 8 Northern KwaZulu-Natal

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	8 754	25	-	-	-	-	6 383	16	1	25	15 137
<i>E. grandis</i>	-	-	193	15	633	9	18 416	9	-	-	19 241
Other Eucalyptus	-	-	240	9	-	-	21 185	9	-	-	21 425
Wattle	-	-	158	9	46	10	19 934	10	585	8	20 723
Other Hardwoods	-	-	-	-	-	-	56	18	-	-	56
Totals	8 754		591		678		65 973		586		76 582

Table A3.9 - Zone 9 Southern KwaZulu-Natal

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	19 609	29	-	-	-	-	24 996	16	72	18	44 677
<i>E. grandis</i>	-	-	468	9	460	10	32 813	9	-	-	33 740
Other Eucalyptus	87	46	193	8	60	12	18 214	8	375	35	18 929
Wattle	-	-	43	10	30	13	10 667	10	126	10	10 866
Other Hardwoods	-	-	-	-	-	-	112	15	89	25	201
Totals	19 696		704		550		86 801		662		108 413

Table A3.11 - Zone 11 Eastern Cape

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	94 395	26	6 702	20	-	-	10 360	15	13	28	111 469
<i>E. grandis</i>	131	8	9 186	9	152	9	2 512	9	61	7	12 041
Other Eucalyptus	6	9	2 501	9	30	11	1 482	10	79	9	4 097
Wattle	-	-	994	10	20	6	633	9	123	10	1 769
Other Hardwoods	12	10	331	12	7	10	14	15	47	17	412
Totals	94 543		19 714		208		15 001		322		129 788

Table A3.12 - Zone 12 Southern Cape

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	59 000	29	457	21	-	-	1 524	34	4 839	29	65 820
<i>E. grandis</i>	12	60	59	40	-	-	14	48	-	-	85
Other Eucalyptus	1 144	38	-	-	-	-	477	27	529	9	2 150
Wattle	-	-	-	-	-	-	352	12	-	-	352
Other Hardwoods	505	48	-	-	-	-	32	60	401	10	938
Totals	60 661		516		-		2 399		5 769		69 345

Table A3.13 - Zone 13 Western Cape

Area according to main purpose for which trees are grown 2000/2001

Species	Sawlogs		Poles and Droppers		Mining Timber		Pulpwood		Other Products		Total ha
	ha	Age	ha	Age	ha	Age	ha	Age	ha	Age	
Softwoods	18 871	29	594	24	-	-	-	-	2 248	24	21 713
<i>E. grandis</i>	-	-	5	14	-	-	3	27	12	20	20
Other Eucalyptus	-	-	-	-	-	-	5	9	159	26	164
Wattle	-	-	-	-	-	-	-	-	-	-	-
Other Hardwoods	-	-	167	15	-	-	2	15	57	37	226
Totals	18 871		766		-		10		2 476		22 123

Table A4.0 - Total for South Africa

Timber Products sold from Plantations 2000/2001

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	1 448 039	38 905	-	2 354 589	4 751	30 913
	Pub	2 593 793	43 024	-	704 375	16 772	13 871
Total Softwoods		4 041 832	81 929	-	3 058 964	21 523	44 784
<i>E. grandis</i>	Pvt	308 945	145 251	214 312	2 263 015	12 378	14 090
	Pub	158 130	223 179	23 211	108 594	52 853	2 778
Total <i>E. grandis</i>		467 075	368 430	237 523	2 371 610	65 231	16 868
Other Gum	Pvt	7 858	7 753	65 747	2 613 339	7 066	945
	Pub	12 432	30 702	25 732	20 102	9 808	603
Total Other Gum		20 290	38 455	91 479	2 633 441	16 874	1 548
Wattle	Pvt	420	46 591	3 982	721 886	64 642	13 983
	Pub	-	9 484	-	14 081	15 182	23
Total Wattle		420	56 075	3 982	735 967	79 824	14 006
Other Hardwoods	Pvt	-	-	-	5 530	-	3 417
	Pub	39	9	-	-	5 498	9 206
Total Other Hardwoods		39	9	-	5 530	5 498	12 623
Totals	Pvt	1 765 262	238 500	284 041	7 958 359	88 837	63 348
	Pub	2 764 394	306 398	48 943	847 152	100 114	26 481
Total		4 529 656	544 898	332 983	8 805 512	188 950	89 830

Table A4.1 - Zone 1 Limpopo Province

Timber Products sold from Plantations 2000/2001

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	53 824	-	-	85 345	589	23 099
	Pub	122 814	653	-	5 500	1 803	8 238
Total Softwoods		176 638	653	-	90 845	2 392	31 337
<i>E. grandis</i>	Pvt	108 812	11 301	24 549	-	3 632	13 625
	Pub	-	19 366	2 010	-	4 323	-
Total <i>E. grandis</i>		108 812	30 667	26 559	-	7 955	13 625
Other Gum	Pvt	-	-	45 298	8 349	-	-
	Pub	668	5 258	296	-	795	-
Total Other Gum		668	5 258	45 594	8 349	795	-
Wattle	Pvt	-	-	-	-	1 056	954
	Pub	-	-	-	-	110	-
Total Wattle		-	-	-	-	1 166	954
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	162 636	11 301	69 847	93 694	5 277	37 678
	Pub	123 482	25 277	2 306	5 500	7 031	8 238
Total		286 118	36 578	72 153	99 194	12 308	45 916

Table A4.2 - Zone 2 Mpumalanga North

Timber Products sold from Plantations 2000/2001

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	412 772	1 457	-	304 962	3 332	1 792
	Pub	820 091	1 544	-	253 648	5 312	-
Total Softwoods		1 232 863	3 001	-	558 610	8 644	1 792
<i>E. grandis</i>	Pvt	198 723	26 556	49 482	325 401	-	-
	Pub	102 725	33 012	16 201	528	32 236	348
Total <i>E. grandis</i>		301 448	59 568	65 683	325 929	32 236	348
Other Gum	Pvt	-	-	308	92 511	-	-
	Pub	-	360	-	-	1 494	559
Total Other Gum		-	360	308	92 511	1 494	559
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	100	-
Total Wattle		-	-	-	-	100	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	6 364
Total Other Hardwoods		-	-	-	-	-	6 364
Totals	Pvt	611 495	28 013	49 790	722 874	3 332	1 792
	Pub	922 816	34 916	16 201	254 176	39 142	7 271
Total		1 534 311	62 929	65 991	977 050	42 474	9 063

Table A4.3 - Zone 3 Central Districts

Timber Products sold from Plantations 2000/2001

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	-	-	-	44 047	-	-
	Pub	32 000	-	-	9 207	1 000	-
Total Softwoods		32 000	-	-	53 254	1 000	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	100	-	-	-	-
Total <i>E. grandis</i>		-	100	-	-	-	-
Other Gum	Pvt	-	-	-	97 743	-	-
	Pub	-	-	1 000	-	-	-
Total Other Gum		-	-	1 000	97 743	-	-
Wattle	Pvt	-	-	-	412	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	412	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	142 202	-	-
	Pub	32 000	100	1 000	9 207	1 000	-
Total		32 000	100	1 000	151 409	1 000	-

Table A4.4 - Zone 4 Mpumalanga South

Timber Products sold from Plantations 2000/2001

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	334 319	755	-	766 456	675	5 839
	Pub	229 715	-	-	49 922	1 912	-
Total Softwoods		564 034	755	-	816 378	2 587	5 839
<i>E. grandis</i>	Pvt	-	27 845	83 009	248 205	5 740	-
	Pub	-	-	5 000	15 800	120	-
Total <i>E. grandis</i>		-	27 845	88 009	264 005	5 860	-
Other Gum	Pvt	1 800	6 427	20 141	957 606	3 852	450
	Pub	-	-	24 000	2 000	-	-
Total Other Gum		1 800	6 427	44 141	959 606	3 852	450
Wattle	Pvt	410	-	-	130 955	7 786	2 511
	Pub	-	-	-	9 520	6 620	-
Total Wattle		410	-	-	140 475	14 406	2 511
Other Hardwoods	Pvt	-	-	-	1 980	-	-
	Pub	-	-	-	-	-	36
Total Other Hardwoods		-	-	-	1 980	-	36
Totals	Pvt	336 529	35 027	103 150	2 105 203	18 053	8 800
	Pub	229 715	-	29 000	77 242	8 652	36
Total		566 244	35 027	132 150	2 182 444	26 705	8 836

Table A4.5 - Zone 5 Maputaland

Timber Products sold from Plantations 2000/2001

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	20 000	-	-	95 000	-	-
Total Softwoods		20 000	-	-	95 000	-	-
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	-	-	-	6 000	-	-
Total <i>E. grandis</i>		-	-	-	6 000	-	-
Other Gum	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Gum		-	-	-	-	-	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	-	-	-	-	-	-
	Pub	20 000	-	-	101 000	-	-
Total		20 000	-	-	101 000	-	-

Table A4.6 - Zone 6 Zululand

Timber Products sold from Plantations 2000/2001

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	1 631	-	-	149 521	-	-
	Pub	55 509	-	-	169 143	4	-
Total Softwoods		57 140	-	-	318 664	4	-
<i>E. grandis</i>	Pvt	-	10 084	22 747	380 925	206	200
	Pub	36 614	57	-	70 107	-	-
Total <i>E. grandis</i>		36 614	10 141	22 747	451 032	206	200
Other Gum	Pvt	5	834	-	830 503	-	-
	Pub	198	-	-	2 379	46	18
Total Other Gum		203	834	-	832 882	46	18
Wattle	Pvt	-	21 278	3 862	65 083	1 348	-
	Pub	-	-	-	-	56	-
Total Wattle		-	21 278	3 862	65 083	1 404	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	31	-	-	-	1 872	100
Total Other Hardwoods		31	-	-	-	1 872	100
Totals	Pvt	1 636	32 196	26 609	1 426 031	1 554	200
	Pub	92 352	57	-	241 629	1 978	118
Total		93 988	32 253	26 609	1 667 660	3 532	318

Table A4.7 - Zone 7 KwaZulu-Natal Midlands

Timber Products sold from Plantations 2000/2001

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	217 004	68	-	748 966	70	93
	Pub	30 612	-	-	5 672	62	474
Total Softwoods		247 616	68	-	754 638	132	567
<i>E. grandis</i>	Pvt	653	41 998	1 448	508 642	2 465	105
	Pub	-	185	-	7 928	-	-
Total <i>E. grandis</i>		653	42 182	1 448	516 570	2 465	105
Other Gum	Pvt	90	236	-	391 865	2 373	-
	Pub	-	51	-	42	174	4
Total Other Gum		90	287	-	391 907	2 547	4
Wattle	Pvt	-	24 953	-	345 241	20 423	10 398
	Pub	-	-	-	4 561	364	-
Total Wattle		-	24 953	-	349 802	20 787	10 398
Other Hardwoods	Pvt	-	-	-	3 550	-	3 417
	Pub	-	-	-	-	-	600
Total Other Hardwoods		-	-	-	3 550	-	4 017
Totals	Pvt	217 747	67 255	1 448	1 998 264	25 331	14 013
	Pub	30 612	236	-	18 203	600	1 078
Total		248 359	67 490	1 448	2 016 467	25 931	15 091

Table A4.8 - Zone 8 Northern KwaZulu-Natal

Timber Products sold from Plantations 2000/2001

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	19 384	-	-	10 768	-	90
	Pub	23 022	-	-	7 275	-	-
Total Softwoods		42 405	-	-	18 043	-	90
<i>E. grandis</i>	Pvt	-	3 425	32 632	278 024	-	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	3 425	32 632	278 024	-	-
Other Gum	Pvt	-	256	-	66 728	-	495
	Pub	-	-	-	-	-	-
Total Other Gum		-	256	-	66 728	-	495
Wattle	Pvt	-	-	-	145 399	17 831	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	145 399	17 831	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	19 384	3 681	32 632	500 920	17 831	585
	Pub	23 022	-	-	7 275	-	-
Total		42 405	3 681	32 632	508 195	17 831	585

Table A4.9 - Zone 9 Southern KwaZulu-Natal

Timber Products sold from Plantations 2000/2001

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	85 848	12	-	242 920	-	-
	Pub	171 131	-	-	17 644	501	-
Total Softwoods		256 979	12	-	260 564	501	-
<i>E. grandis</i>	Pvt	757	23 097	445	479 932	-	160
	Pub	-	53	-	2 241	948	-
Total <i>E. grandis</i>		757	23 150	445	482 173	948	160
Other Gum	Pvt	-	-	-	154 335	-	-
	Pub	-	-	-	-	3 000	-
Total Other Gum		-	-	-	154 335	3 000	-
Wattle	Pvt	10	360	120	34 496	13 785	120
	Pub	-	-	-	-	-	-
Total Wattle		10	360	120	34 496	13 785	120
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	2 750	94
Total Other Hardwoods		-	-	-	-	2 750	94
Totals	Pvt	86 615	23 470	565	911 683	13 785	280
	Pub	171 131	53	-	19 885	7 199	94
Total		257 746	23 523	565	931 568	20 984	374

Table A4.11 - Zone 11 Eastern Cape

Timber Products sold from Plantations 2000/2001

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	7 977	-	-	136	5	-
	Pub	584 302	2 791	-	69 171	3 078	-
Total Softwoods		592 279	2 791	-	69 307	3 083	-
<i>E. grandis</i>	Pvt	-	946	-	41 886	215	-
	Pub	10 769	170 406	-	5 991	15 225	2 430
Total <i>E. grandis</i>		10 769	171 352	-	47 877	15 440	2 430
Other Gum	Pvt	10	-	-	-	-	-
	Pub	59	24 997	-	1 294	4 083	22
Total Other Gum		69	24 997	-	1 294	4 083	22
Wattle	Pvt	-	-	-	299	73	-
	Pub	-	9 484	-	-	7 932	23
Total Wattle		-	9 484	-	299	8 005	23
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	8	9	-	-	876	2 012
Total Other Hardwoods		8	9	-	-	876	2 012
Totals	Pvt	7 987	946	-	42 321	293	-
	Pub	595 137	207 687	-	76 455	31 194	4 487
Total		603 124	208 633	-	118 776	31 487	4 487

Table A4.12 - Zone 12 Southern Cape

Timber Products sold from Plantations 2000/2001

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	221 953	31 355	-	-	80	-
	Pub	380 578	26 499	-	10 449	3 101	2 839
Total Softwoods		602 531	57 854	-	10 449	3 181	2 839
<i>E. grandis</i>	Pvt	-	-	-	-	-	-
	Pub	8 023	-	-	-	-	-
Total <i>E. grandis</i>		8 023	-	-	-	-	-
Other Gum	Pvt	5 953	-	-	13 700	-	-
	Pub	10 593	3	436	13 521	12	-
Total Other Gum		16 546	3	436	27 221	12	-
Wattle	Pvt	-	-	-	-	2 340	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	2 340	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	227 906	31 355	-	13 700	2 420	-
	Pub	399 194	26 502	436	23 969	3 113	2 839
Total		627 099	57 857	436	37 669	5 533	2 839

Table A4.13 - Zone 13 Western Cape

Timber Products sold from Plantations 2000/2001

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	93 327	5 258	-	1 468	-	-
	Pub	124 019	11 537	-	11 746	-	2 320
Total Softwoods		217 346	16 795	-	13 214	-	2 320
<i>E. grandis</i>	Pvt	-	-	-	-	120	-
	Pub	-	-	-	-	-	-
Total <i>E. grandis</i>		-	-	-	-	120	-
Other Gum	Pvt	-	-	-	-	841	-
	Pub	914	33	-	866	204	-
Total Other Gum		914	33	-	866	1 045	-
Wattle	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Wattle		-	-	-	-	-	-
Other Hardwoods	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other Hardwoods		-	-	-	-	-	-
Totals	Pvt	93 327	5 258	-	1 468	961	-
	Pub	124 933	11 570	-	12 612	204	2 320
Total		218 260	16 828	-	14 080	1 165	2 320

Table A5.0 - Total for South Africa

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	1 786	12 218	181	12	40	760	13 211
Hardwood	1 754	5 048	350	190	125	1 118	6 831
Total	3 540	17 266	530	202	165	1 878	20 041

Causes of fires:

	Area ha	%
Natural	1 410	8
Accidental	2 855	17
Arson	5 497	32
Unknown	7 504	43
	<u>17 266</u>	<u>100</u>

Table A5.1 - Zone 1 Limpopo Province

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	14	27	-	-	-	-	27
Hardwood	111	74	30	-	-	-	104
Total	125	101	30	-	-	-	131

Causes of fires:

	Area	
	ha	%
Natural	-	0
Accidental	7	7
Arson	48	48
Unknown	46	45
	<u>101</u>	<u>100</u>

Table A5.2 - Zone 2 Mpumalanga North

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	88	343	163	-	27	563	1 096
Hardwood	37	227	-	-	-	-	227
Total	125	571	163	-	27	563	1 324

Causes of fires:

	Area	
	ha	%
Natural	13	2
Accidental	92	16
Arson	147	26
Unknown	319	56
	571	100

Table A5.3 - Zone 3 Central Districts

Damage by fire and other causes

2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	17	734	7	-	3	-	744
Hardwood	1	80	-	-	-	-	80
Total	18	814	7	-	3	-	824

Causes of fires:

	Area	
	ha	%
Natural	1	0
Accidental	121	15
Arson	-	0
Unknown	692	85
	<u>814</u>	<u>100</u>

Table A5.4 - Zone 4 Mpumalanga South

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	568	3 798	-	-	-	-	3 798
Hardwood	157	1 129	113	67	2	12	1 322
Total	725	4 927	113	67	2	12	5 120

Causes of fires:

	Area	
	ha	%
Natural	322	7
Accidental	41	1
Arson	957	19
Unknown	3 607	73
	4 927	100

Table A5.5 - Zone 5 Maputaland

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	7	422	-	-	-	-	422
Hardwood	12	115	-	-	-	-	115
Total	19	537	-	-	-	-	537

Causes of fires:

	Area	
	ha	%
Natural	-	0
Accidental	-	0
Arson	422	79
Unknown	115	21
	<u>537</u>	<u>100</u>

Table A5.6 - Zone 6 Zululand

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	65	496	-	-	-	-	496
Hardwood	189	846	6	-	-	35	887
Total	254	1 342	6	-	-	35	1 383

Causes of fires:

	Area	
	ha	%
Natural	-	0
Accidental	264	20
Arson	782	58
Unknown	296	22
	<u>1 342</u>	<u>100</u>

Table A5.7 - Zone 7 KwaZulu-Natal Midlands

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	178	469	3	-	-	140	611
Hardwood	441	682	27	1	47	12	768
Total	619	1 150	29	1	47	152	1 379

Causes of fires:

	Area	
	ha	%
Natural	119	10
Accidental	141	12
Arson	499	43
Unknown	391	34
	1 150	100

Table A5.8 - Zone 8 Northern KwaZulu-Natal

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	429	557	-	-	-	-	557
Hardwood	430	858	63	120	66	46	1 153
Total	859	1 415	63	120	66	46	1 710

Causes of fires:

	Area	
	ha	%
Natural	268	19
Accidental	410	29
Arson	653	46
Unknown	84	6
	<u>1 415</u>	<u>100</u>

Table A5.9 - Zone 9 Southern KwaZulu-Natal

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	79	397	8	12	-	27	444
Hardwood	343	370	104	-	10	1 012	1 496
Total	422	767	112	12	10	1 039	1 940

Causes of fires:

	Area	
	ha	%
Natural	0	0
Accidental	2	0
Arson	304	40
Unknown	461	60
	767	100

Table A5.11 - Zone 11 Eastern Cape

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	134	3 018	-	-	-	-	3 018
Hardwood	28	459	5	-	-	0	464
Total	162	3 477	5	-	-	0	3 482

Causes of fires:

	Area	
	ha	%
Natural	416	12
Accidental	1 442	41
Arson	600	17
Unknown	1 019	29
	<u>3 477</u>	<u>100</u>

Table A5.12 - Zone 12 Southern Cape

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	146	313	-	-	-	30	343
Hardwood	1	1	-	-	-	-	1
Total	147	314	-	-	-	30	344

Causes of fires:

	Area	
	ha	%
Natural	268	85
Accidental	5	1
Arson	0	0
Unknown	41	13
	<u>314</u>	<u>100</u>

Table A5.13 - Zone 13 Western Cape

Damage by fire and other causes 2000/2001

	Fires		Weather ha	Diseases ha	Insects ha	Animals and Rodents ha	Total Area Damaged ha
	Number	ha					
Softwood	61	1 645	-	-	10	-	1 655
Hardwood	4	206	3	3	-	-	212
Total	65	1 851	3	3	10	-	1 867

Causes of fires:

	Area	
	ha	%
Natural	4	0
Accidental	329	18
Arson	1 085	59
Unknown	433	23
	<u>1 851</u>	<u>100</u>

Table A6.0 - Total for South Africa

Conversion of existing plantation areas 2000/2001

		Converted to					Total ha	
		Softwood Species ha	Eucalyptu s Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha		
Converted from								
Softwood Species	Pvt		982	375	29	578	1 964	
	Pub		74	22	-	4 190	4 286	
Total Softwood			1 056	397	29	4 768	6 250	
Eucalyptus Species	Pvt	859		582	20	594	2 056	
	Pub	390		22	-	206	618	
Total Eucalyptus		1 249		604	20	800	2 674	
Wattle	Pvt	103	384		7	938	1 432	
	Pub	10	-		-	-	10	
Total Wattle		113	384		7	938	1 442	
Other Hardwood Species	Pvt	34	-	895		7	936	
	Pub	-	-	-		-	-	
Total Other Hardwood		34	-	895		7	936	
		Pvt	996	1 366	1 852	56	2 118	6 387
		Pub	400	74	44	-	4 396	4 914
Total Conversion		1 395	1 440	1 896	56	6 514	11 301	

Table A6.2 - Zone 1 Limpopo Province

Conversion of existing plantation areas 2000/2001

		Converted to					Total ha
		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Converted from Softwood Species	Pvt		61	-	-	36	98
	Pub		-	-	-	-	-
Total Softwood			61	-	-	36	98
Eucalyptus Species	Pvt	51		-	-	71	122
	Pub	150		-	-	-	150
Total Eucalyptus		201		-	-	71	272
Wattle	Pvt	-	-		-	-	
	Pub	-	-		-	-	
Total Wattle		-	-		-	-	-
Other Hardwood Species	Pvt	-	-	-		-	
	Pub	-	-	-		-	
Total Other Hardwood		-	-	-		-	-
	Pvt	51	-	-	-	71	220
	Pub	150	-	-	-	-	150
Total Conversion		201	61	-	-	107	370

Table A6.2 - Zone 2 Mpumalanga North

Conversion of existing plantation areas 2000/2001

		Converted to					Total ha	
		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha		
Converted from								
Softwood Species	Pvt	-	12	-	-	-	12	
	Pub	-	53	-	-	841	894	
Total Softwood		-	65	-	-	841	906	
Eucalyptus Species	Pvt	85	-	-	-	40	125	
	Pub	145	-	-	-	44	189	
Total Eucalyptus		230	-	-	-	84	314	
Wattle	Pvt	-	-	-	-	-	-	
	Pub	-	-	-	-	-	-	
Total Wattle		-	-	-	-	-	-	
Other Hardwood Species	Pvt	-	-	-	-	7	7	
	Pub	-	-	-	-	-	-	
Total Other Hardwood		-	-	-	-	7	7	
		Pvt	85	12	-	-	47	144
		Pub	145	53	-	-	885	1 083
Total Conversion		230	65	-	-	932	1 227	

Table A6.3 - Zone 3 Central Districts

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Softwood	-	-	-	-	-	-
Eucalyptus Species	Pvt	200	-	-	-	200
	Pub	-	-	-	-	-
Total Eucalyptus	200	-	-	-	-	200
Wattle	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Wattle	-	-	-	-	-	-
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood	-	-	-	-	-	-
Total Conversion	Pvt	200	-	-	-	200
	Pub	-	-	-	-	-
Total Conversion	200	-	-	-	-	200

Table A6.4 - Zone 4 Mpumalanga South

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha	
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha		
Softwood Species	Pvt	-	620	83	-	-	703
	Pub	-	-	-	-	-	-
Total Softwood	-	620	83	-	-	-	703
Eucalyptus Species	Pvt	300	-	16	-	-	316
	Pub	-	-	-	-	-	-
Total Eucalyptus	300	-	16	-	-	-	316
Wattle	Pvt	13	90	-	-	95	198
	Pub	-	-	-	-	-	-
Total Wattle	13	90	-	-	95	-	198
Other Hardwood Species	Pvt	34	-	-	-	-	34
	Pub	-	-	-	-	-	-
Total Other Hardwood	34	-	-	-	-	-	34
Total Conversion	Pvt	347	709	99	-	95	1 250
	Pub	-	-	-	-	-	-
Total Conversion	347	709	99	-	95	-	1 250

Table A6.5 - Zone 5 Maputaland

Conversion of existing plantation areas 2000/2001

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

Table A6.6 - Zone 6 Zululand

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha
	Softwood Species ha	Eucalyptu s Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	-	-	-	10	10
	Pub	-	-	-	-	-
Total Softwood		-	-	-	10	10
Eucalyptus Species	Pvt	-	24	-	169	193
	Pub	-	-	-	162	162
Total Eucalyptus		-	24	-	331	355
Wattle	Pvt	-	5	-	-	5
	Pub	-	-	-	-	-
Total Wattle		-	5	-	-	5
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	5	24	-	179
	Pub	-	-	-	-	162
Total Conversion		-	5	24	-	341

Table A6.7 - Zone 7 KwaZulu-Natal Midlands

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha	
	Softwood Species ha	Eucalyptu s Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha		
Softwood Species	Pvt		177	203	29	58	468
	Pub		-	18	-	-	18
Total Softwood			177	221	29	58	486
Eucalyptus Species	Pvt	100		300	20	188	608
	Pub			22	-	-	22
Total Eucalyptus		100		322	20	188	630
Wattle	Pvt	73	54		-	776	904
	Pub	-	-		-	-	-
Total Wattle		73	54		-	776	904
Other Hardwood Species	Pvt	-	-	-		-	-
	Pub	-	-	-		-	-
Total Other Hardwood		-	-	-		-	-
Total Conversion	Pvt	173	232	503	49	1 022	1 980
	Pub	-	-	40	-	-	40
Total Conversion		173	232	543	49	1 022	2 020

Table A6.8 - Zone 8 Northern KwaZulu-Natal

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	38	41	-	-	79
	Pub	-	-	-	-	-
Total Softwood		38	41	-	-	79
Eucalyptus Species	Pvt	75	148	-	-	223
	Pub	-	-	-	-	-
Total Eucalyptus		75	148	-	-	223
Wattle	Pvt	16	202	7	-	225
	Pub	-	-	-	-	-
Total Wattle		16	202	7	-	225
Other Hardwood Species	Pvt	-	-	895	-	895
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	895	-	895
Total Conversion	Pvt	91	240	1 084	7	1 422
	Pub	-	-	-	-	-
Total Conversion		91	240	1 084	7	1 422

Table A6.9 - Zone 9 Southern KwaZulu-Natal

Conversion of existing plantation areas 2000/2001

		Converted to					Total ha
		Softwood Species ha	Eucalyptu s Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
<u>Converted from</u>							
Softwood Species	Pvt		47	36	-	10	93
	Pub		-	-	-	-	-
Total Softwood			47	36	-	10	93
Eucalyptus Species	Pvt	28		94	-	16	138
	Pub	-		-	-	-	-
Total Eucalyptus		28		94	-	16	138
Wattle	Pvt	-	33		-	67	100
	Pub	-	-		-	-	-
Total Wattle		-	33		-	67	100
Other Hardwood Species	Pvt	-	-	-		-	-
	Pub	-	-	-		-	-
Total Other Hardwood		-	-	-		-	-
Total Conversion	Pvt	28	80	130	-	93	331
	Pub	-	-	-	-	-	-
Total Conversion		28	80	130	-	93	331

Table A6.11 - Zone 11 Eastern Cape

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha
	Softwood Species ha	Eucalyptu s Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	-	12	-	-	12
	Pub		21	4	-	153
Total Softwood			21	16	-	153
Eucalyptus Species	Pvt	-	-	-	-	-
	Pub	26		-	-	26
Total Eucalyptus		26		-	-	26
Wattle	Pvt	-	-	-	-	-
	Pub	10		-	-	10
Total Wattle		10		-	-	10
Other Hardwood Species	Pvt	-	-	-	-	-
	Pub	-	-	-	-	-
Total Other Hardwood		-	-	-	-	-
Total Conversion	Pvt	-	21	12	-	153
	Pub	35	21	4	-	153
Total Conversion		35	21	16	-	153

Table A6.12 - Zone 12 Southern Cape

Conversion of existing plantation areas 2000/2001

Converted from	Converted to					Total ha
	Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha	
Softwood Species	Pvt	26	-	-	6	32
	Pub	-	-	-	495	495
Total Softwood		26	-	-	501	527
Eucalyptus Species	Pvt					
	Pub	69				69
Total Eucalyptus		69				69
Wattle	Pvt	-	-			
	Pub	-	-			
Total Wattle						
Other Hardwood Species	Pvt	-	-			
	Pub	-	-			
Total Other Hardwood						
Total Conversion	Pvt	-	26	-	6	32
	Pub	69	-	-	495	564
Total Conversion		69	26	-	501	597

Table A6.13 - Zone 13 Western Cape

Conversion of existing plantation areas 2000/2001

Converted from	Converted to						Total ha
	Softwood Species ha	Eucalyptu s Species ha	Wattle ha	Other Hardwood Species ha	Agriculture and Other Uses ha		
Softwood Species	Pvt	-	-	-	458	458	
	Pub	-	-	-	2 701	2 701	
Total Softwood		-	-	-	3 159	3 159	
Eucalyptus Species	Pvt	20	-	-	110	130	
	Pub	-	-	-	-	-	
Total Eucalyptus	20		-	-	110	130	
Wattle	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Wattle	-	-		-	-	-	
Other Hardwood Species	Pvt	-	-	-	-	-	
	Pub	-	-	-	-	-	
Total Other Hardwood	-	-	-		-	-	
Total Conversion	Pvt	20	-	-	568	588	
	Pub	-	-	-	2 701	2 701	
Total Conversion	20	-	-	-	3 269	3 289	

Table A7.0 - Total for South Africa

New afforestation according to species and purpose 2000/2001

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	1 058	24	-	-	1 082	20
	Pub	122	16	-	-	138	2
Total Sawlogs		1 180	40	-	-	1 220	22
Poles	Pvt	14	28	-	-	42	1
	Pub	-	-	-	-	-	-
Total Poles		14	28	-	-	42	1
Mining timber	Pvt	-	80	-	-	80	1
	Pub	-	-	-	-	-	-
Total Mining Timber		-	80	-	-	80	1
Pulpwood	Pvt	519	2 309	1 148	204	4 180	76
	Pub	-	-	-	-	-	-
Total Pulpwood		519	2 309	1 148	204	4 180	76
Other Purposes	Pvt	-	5	-	3	8	0
	Pub	-	-	-	-	-	-
Total Other		-	5	-	3	8	0
	Pvt	1 591	2 445	1 148	207	5 391	98
	Pub	122	16	-	-	138	2
Total All		1 713	2 461	1 148	207	5 529	100

Table A7.1 - Zone 7 Limpopo Province

New afforestation according to species and purpose 2000/2001

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	1	20			21	100
	Pub	-	-			-	-
Total Sawlogs		1	20	-	-	21	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	1	20	-	-	21	100
	Pub	-	-	-	-	-	-
Total All		1	20	-	-	21	100

Table A7.2 - Zone 2 Mpumulanga North

New afforestation according to species and purpose 2000/2001

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

Table A7.3 - Zone 3 Central Districts

New afforestation according to species and purpose 2000/2001

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 2000/2001

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	83	-	-	-	83	12
	Pub	-	16	-	-	16	2
Total Sawlogs		83	16	-	-	99	15
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	50	-	-	50	7
	Pub	-	-	-	-	-	-
Total Mining Timber		-	50	-	-	50	7
Pulpwood	Pvt	10	113	396	-	519	78
	Pub	-	-	-	-	-	-
Total Pulpwood		10	113	396	-	519	78
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	93	163	396	-	652	98
	Pub	-	16	-	-	16	2
Total All		93	179	396	-	668	100

Table A7.5 - Zone 5 Maptaland

New afforestation according to species and purpose 2000/2001

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

Table A7.6 - Zone 6 Zululand

New afforestation according to species and purpose 2000/2001

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	2	-	-	-	2	0
	Pub	-	-	-	-	-	-
Total Sawlogs		2	-	-	-	2	0
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	916	14	-	930	100
	Pub	-	-	-	-	-	-
Total Pulpwood		-	916	14	-	930	100
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	2	916	14	-	932	100
	Pub	-	-	-	-	-	-
Total All		2	916	14	-	932	100

Table A7.7 - Zone 7 KwaZulu-Natal Midlands

New afforestation according to species and purpose 2000/2001

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	17	4	-	-	21	3
	Pub	-	-	-	-	-	-
Total Sawlogs		17	4	-	-	21	3
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	30	-	-	30	4
	Pub	-	-	-	-	-	-
Total Mining Timber		-	30	-	-	30	4
Pulpwood	Pvt	-	585	158	2	745	93
	Pub	-	-	-	-	-	-
Total Pulpwood		-	585	158	2	745	93
Other Purposes	Pvt	-	4	-	3	7	1
	Pub	-	-	-	-	-	-
Total Other		-	4	-	3	7	1
	Pvt	17	623	158	5	802	100
	Pub	-	-	-	-	-	-
Total All		17	623	158	5	802	100

Table A7.8 - Zone 8 Northern KwaZulu-Natal

New afforestation according to species and purpose 2000/2001

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	812	-	-	-	812	45
	Pub	-	-	-	-	-	-
Total Sawlogs		812	-	-	-	812	45
Poles	Pvt	-	28	-	-	28	2
	Pub	-	-	-	-	-	-
Total Poles		-	28	-	-	28	2
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	165	399	388	11	963	53
	Pub	-	-	-	-	-	-
Total Pulpwood		165	399	388	11	963	53
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	977	427	388	11	1 803	100
	Pub	-	-	-	-	-	-
Total All		977	427	388	11	1 803	100

Table A7.9 - Zone 9 Southern KwaZulu-Natal

New afforestation according to species and purpose 2000/2001

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	143	-	-	-	143	22
	Pub	-	-	-	-	-	-
Total Sawlogs		143	-	-	-	143	22
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	185	142	191	518	78
	Pub	-	-	-	-	-	-
Total Pulpwood		-	185	142	191	518	78
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	143	185	142	191	661	100
	Pub	-	-	-	-	-	-
Total All		143	185	142	191	661	100

Table A7.11 - Zone 11 Eastern Cape

New afforestation according to species and purpose 2000/2001

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	26	-	-	-	26	5
Total Sawlogs		26	-	-	-	26	5
Poles	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Poles		-	-	-	-	-	-
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	344	111	50	-	505	95
	Pub	-	-	-	-	-	-
Total Pulpwood		344	111	50	-	505	95
Other Purposes	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Other		-	-	-	-	-	-
	Pvt	344	111	50	-	505	95
	Pub	26	-	-	-	26	5
Total All		370	111	50	-	531	100

Table A7.12 - Zone 12 Southern Cape

New afforestation according to species and purpose 2000/2001

Product		Softwood Species ha	Eucalyptus Species ha	Wattle ha	Other Hardwoods ha	Total ha	% of total
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	96	-	-	-	96	100
Total Sawlogs		96	-	-	-	96	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	96	-	-	-	96	100
Total All		96	-	-	-	96	100

Table A7.13 - Zone 13 Western Cape

New afforestation according to species and purpose 2000/2001

Product		Softwood	Eucalyptus	Wattle	Other	Total	% of total
		Species	Species		Hardwoods		
		ha	ha	ha	ha	ha	
Sawlogs	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Sawlogs		-	-	-	-	-	-
Poles	Pvt	14	-	-	-	14	95
	Pub	-	-	-	-	-	-
Total Poles		14	-	-	-	14	95
Mining timber	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Mining Timber		-	-	-	-	-	-
Pulpwood	Pvt	-	-	-	-	-	-
	Pub	-	-	-	-	-	-
Total Pulpwood		-	-	-	-	-	-
Other Purposes	Pvt	-	1	-	-	1	5
	Pub	-	-	-	-	-	-
Total Other		-	1	-	-	1	5
	Pvt	14	1	-	-	15	100
	Pub	-	-	-	-	-	-
Total All		14	1	-	-	15	100

APPENDIX B - Detailed Primary Roundwood Processing Schedules

Table B10.0 - Primary Roundwood Processors by Ownership Type**2000/2001**

Zone	Number of Plants	Companies and Close Corporations	Individuals and Partnerships	State and Local Authorities
1	24	12	11	1
2	32	29	3	-
3	4	4	-	-
4	20	17	3	-
5	1	-	-	1
6	9	7	1	1
7	18	14	4	-
8	11	7	4	-
9	7	5	1	1
11	9	6	3	-
12	11	10	-	1
13	21	16	4	1
Total	167	127	34	6

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

2000/2001

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	24	1.6	2	2.9	19	15.8	2	1.4	-	-	-	-	1	1.7
5001 - 10 000	12	2.7	-	-	6	15.6	2	3.0	2	0.2	-	-	1	3.7
10 001 - 20 000	14	6.4	-	-	3	16.1	1	3.6	-	-	2	100.0	-	-
20 001 - 50 000	21	21.5	4	97.1	3	28.2	3	16.6	4	1.5	-	-	-	-
50 001 - 100 000	13	29.4	-	-	1	24.4	5	53.9	1	0.7	-	-	1	36.3
100 001 - 150 000	5	19.8	-	-	-	-	1	21.5	1	1.6	-	-	1	58.3
150 001 - 200 000	1	5.5	-	-	-	-	-	-	-	-	-	-	-	-
> 200 000	2	13.3	-	-	-	-	-	-	9	96.0	-	-	-	-
Total	92	100.0	6	100.0	32	100.0	14	100.0	17	100.0	2	100.0	4	100.0

Table B12.0 -Value of Fixed Assets**2000/2001**

Asset Category	Rand	% of total
Land, Buildings and Housing	1 120 801 685	6.3
Machinery, Equipment and Furniture	16 392 569 480	91.9
Vehicles	219 398 783	1.2
Other	98 007 511	0.6
Total Fixed Assets	17 830 777 460	100.0

Table B13.0 -Value of Fixed Assets per Sector**2000/2001**

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	279 253 340	15 857 039	11 368 852	4 335 292	758 490 071	10 500 000	38 533 965
Machinery, Equipment and Furniture	582 961 662	86 775 789	8 358 106	6 498 184	15 846 228 197	9 500 000	13 265 413
Vehicles	57 621 719	3 499 114	7 093 924	1 723 371	53 451 068	0	2 354 843
Other	6 739 427	139 891	298 186	0	25 830 007	0	100 000
Total	926 576 149	106 271 833	27 119 068	12 556 847	16 683 999 342	20 000 000	54 254 221

Table B14.0 Roundwood Processed or Transferred In

2000/2001

		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	2 828 622	142 660	101 801	-	-	3 313 255	3 313 255	-	-	-	-	32 550
	Pub	190 927	-	-	-	-	-	-	-	-	-	-	1 050
	Tot	3 019 549	142 660	101 801	-	-	3 313 255	3 313 255	-	-	-	-	33 600
<i>E. grandis</i>	Pvt	227 187	-	216 632	514 110	755 741	3 693 987	5 430 161	-	-	25 630	37 676	-
	Pub	-	-	893	-	-	-	-	-	-	-	-	-
	Tot	227 187	-	217 525	514 110	755 741	3 693 987	5 430 161	-	-	25 630	37 676	-
Other gum species	Pvt	7 910	1 884	1 290	34 328	42 910	1 446 976	1 808 720	-	-	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	7 910	1 884	1 290	34 328	42 910	1 446 976	1 808 720	-	-	-	-	-
Wattle species	Pvt	-	-	-	-	-	759 800	904 162	-	-	201 436	229 234	-
	Pub	-	-	-	-	-	321 899	383 060	-	-	-	-	-
	Tot	-	-	-	-	-	1 081 699	1 287 222	-	-	201 436	229 234	-
Other Hardwood Species	Pvt	155	7 870	-	-	-	-	-	32 767	33 750	-	-	-
	Pub	-	-	-	-	-	-	-	-	-	-	-	-
	Tot	155	7 870	-	-	-	-	-	32 767	33 750	-	-	-
Total	Pvt	3 063 874	152 414	319 723	548 438	798 651	9 214 018	11 456 298	32 767	33 750	227 066	266 910	32 550
	Pub	190 927	-	893	-	-	321 899	383 060	-	-	-	-	1 050
	Tot	3 254 801	152 414	320 616	548 438	798 651	9 535 917	11 839 358	32 767	33 750	227 066	266 910	33 600

Table B15.0 Value of Roundwood Purchased or Transferred In**2000/2001**

Product	Private Sector	Public Sector	Total Purchase Value
	Rand	Rand	Rand
Sawlogs and Veneerlogs	458 552 659	12 927 218	471 479 877
Wooden Poles	45 422 817	46 197	45 469 014
Mining Timber	72 673 674	-	72 673 674
Pulpwood	2 095 397 532	-	2 095 397 532
Matchwood	9 934 857	-	9 934 857
Roundwood for Charcoal	17 369 198	-	17 369 198
Total	2 699 350 737	12 973 415	2 712 324 152
Roundwood in transit*	19 000	-	19 000

* Roundwood purchased but not processed by plant

Table B16.0 Value of Sales and/or Transfers-out of Timber and Timber Products**2000/2001**

Product	Value Rand
Sawn and Planed timber	2 078 727 444
Wooden Poles	246 810 208
Mining Timber	140 773 173
Wood-based Panel Products	626 388 454
Woodpulp, Paper and Paper Products	6 838 371 386
Firewood	135 989
Wood Chips (from roundwood)	1 248 133 751
Mill Residues	23 066 692
Charcoal	64 740 370
Other timber Products	599 336 019
Total	11 866 483 486
Roundwood in Transit*	4 147 787

*Roundwood not processed by plant

Table B17.1 Production Volume of Sawn Timber, Poles, Mining timber and Other Timber Products**2000/2001**

Product	Softwood m ³	Hardwood m ³	Total m ³
Sawn and Planed timber			
For building products	876 242	30 511	906 753
For furniture products	243 900	41 337	285 237
For other products	473 015	52 642	525 657
Total Sawn and Planed timber	1 593 157	124 490	1 717 647
Wooden Poles			
Transmission poles	10 475	54 479	64 954
Telephone poles	1 098	22 268	23 366
Other poles	56 239	110 133	166 372
Total Wooden Poles	67 812	186 880	254 692
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
Mining Timber for supports	-	337 036	337 036
Other Products			
Wood chips	74 116	2 994 097	3 068 213
Charcoal	2 623	19 615	22 238
Mill residues	353 131	25 215	378 346
Firewood	4 100	4 436	8 536
Roundwood in transit*	29 191	2 128	31 319

*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**2000/2001**

Product	Softwood m ³	Hardwood m ³	Total m ³
Sawn and Planed timber			
For building products	876 242	30 511	906 753
For furniture products	243 900	41 337	285 237
For other products	<u>471 515</u>	<u>52 526</u>	<u>524 041</u>
Total Sawn and Planed timber	<u>1 591 657</u>	<u>124 374</u>	<u>1 716 031</u>
Wooden Poles			
Transmission poles	10 475	54 479	64 954
Telephone poles	1 098	22 268	23 366
Other poles	<u>55 939</u>	<u>110 133</u>	<u>166 072</u>
Total Wooden Poles	<u>67 512</u>	<u>186 880</u>	<u>254 392</u>
	<u>Tons</u>	<u>Tons</u>	<u>Tons</u>
Mining Timber for supports	-	337 036	337 036
Other Products			
Wood chips	74 116	2 880 535	2 954 651
Charcoal	2 623	19 392	22 015
Mill residues	351 131	25 215	376 346
Firewood	4 100	4 436	8 536
Roundwood in transit*	28 591	2 128	30 719

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

Table B18.0 Production and Sales of Woodbased Panel Products and Woodpulp**2000/2001**

Woodbased Panel Products		m ³
Veneer	Own use	27 366
	Sold	66 364
Plywood	Own use	-
	Sold	20 234
Blockboard, Laminboard and Battenboard	Sold	7 825
Particle Board and Chipboard	Sold	458 762
Fibreboard		
Compressed	Sold	186 507
Non-compressed	Sold	-
Woodpulp		tons
Mechanical Pulp	Own use	86 417
	Sold	309 386
Semi-Chemical Pulp	Own use	335 855
	Sold	44 288
Chemical Pulp	Own use	321 198
	Sold	572 590
Dissolving Pulp	Own use	-
	Sold	461 328