



**BRACELPA  
BRAZILIAN PULP AND PAPER ASSOCIATION**

**STATISTICAL FOREST  
REPORT  
2006**

**GT – REFORESTATION AND CORRELATES**

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## Introduction

The Statistical Forest Report – 2006, presents general information about the planted forests by the Brazilian Pulp and Paper sector, updated until 12/31/2006.

The information presented in this issue comprises in great part, historical series with more than twenty years of records and are valid until Dec. 2006.

The report considers information about the activities in planting, harvesting, existing planted areas in hectares, the productivity of the forests, the timber for sawmilling, the forestry workforce, the consumption of logs in the process, the investments in research, the permanent preservation area per State, the certified areas, among others.

The numbers presented in the several graphs and tables in this report refer to the Pulp and Paper sector that consists of 255 industries, where only 23 out of them develop forest activities and are responsible for the information presented hereby.

The forest companies operate in 12 States, reaching 446 municipalities and directly employ 45 thousand people in the forest activity.

The forest activity in the Pulp and Paper sector is responsible for the supply of raw material required by those industries, which are present in almost every State of the country.

These companies, in 2006, employed directly more than 110 thousand people, paid the amount of US\$920 million in taxes and exported more than US\$4.0 billion.

The pulp and paper sector, that planted more than 322 thousand hectares in 2006, has in the planted forests its only source of raw material for the pulp and paper making. It has contributed decisively for the generation of social, economical and environmental benefits for the country, not only by generating wealthness and employment in the national market, but also for expanding limits by selling pulp and paper products in the international market.

The forestry activity, besides the social-environmental benefits above mentioned, is distinguished by an activity able to absorb both low and highly qualified workforce. Among the first ones are the ordinary workers and the others are researchers, engineers, technicians, managers and others.

The statistical forest report in the Brazilian pulp and paper sector, due to the range of its historical series and also by the quality and consistency of its information, is, in its sector, a national reference in terms of forest data.

The information of this report involving the pulp and paper sector are available only thanks to the organization and accurate maintenance historic figures of Bracelpa associated companies rason why we thanks all GT – Reforestation and Correlates members due their contribution.

**Evaristo M. Lopes**

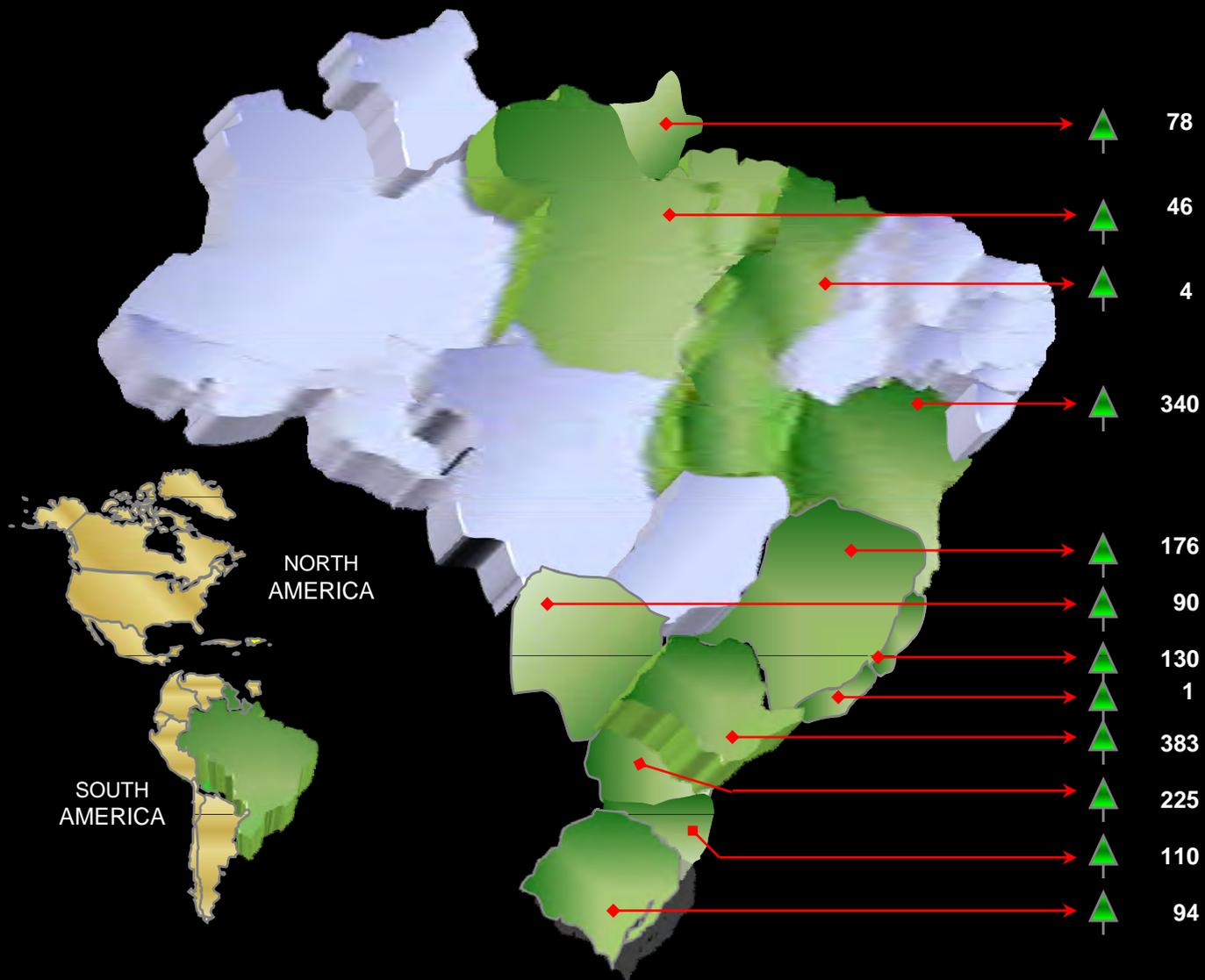
GT Coordinator

Reforestation and Correlates

## ROLL OF COMPANIES THAT ACT IN THE FOREST AREA

Aracruz Celulose S.A.  
Bahia Pulp S.A.  
Cambará S.A. - Produtos Florestais  
Celulose Irani S.A.  
Celulose Nipo-Brasileira S.A. - Cenibra  
Cocelpa - Cia. de Celulose e Papel do Paraná  
Duratex S.A.  
Ibema - Cia. Brasileira de Papel  
Iguaçu Celulose, Papel S.A.  
International Paper do Brasil Ltda.  
Jari Celulose S.A.  
Klabin S.A.  
Melhoramentos Papéis Ltda.  
Nobrecel S.A. – Celulose e Papel  
Orsa Celulose, Papel e Embalagem S.A.  
Rigesa Celulose, Papel e Embs. Ltda.  
Ripasa S.A. Celulose e Papel  
Sengés Papel e Celulose Ltda.  
Suzano Papel e Celulose  
Trombini Industrial S.A.  
Valor Florestal  
Veracel Celulose S.A.  
Votorantim Celulose e Papel S.A.

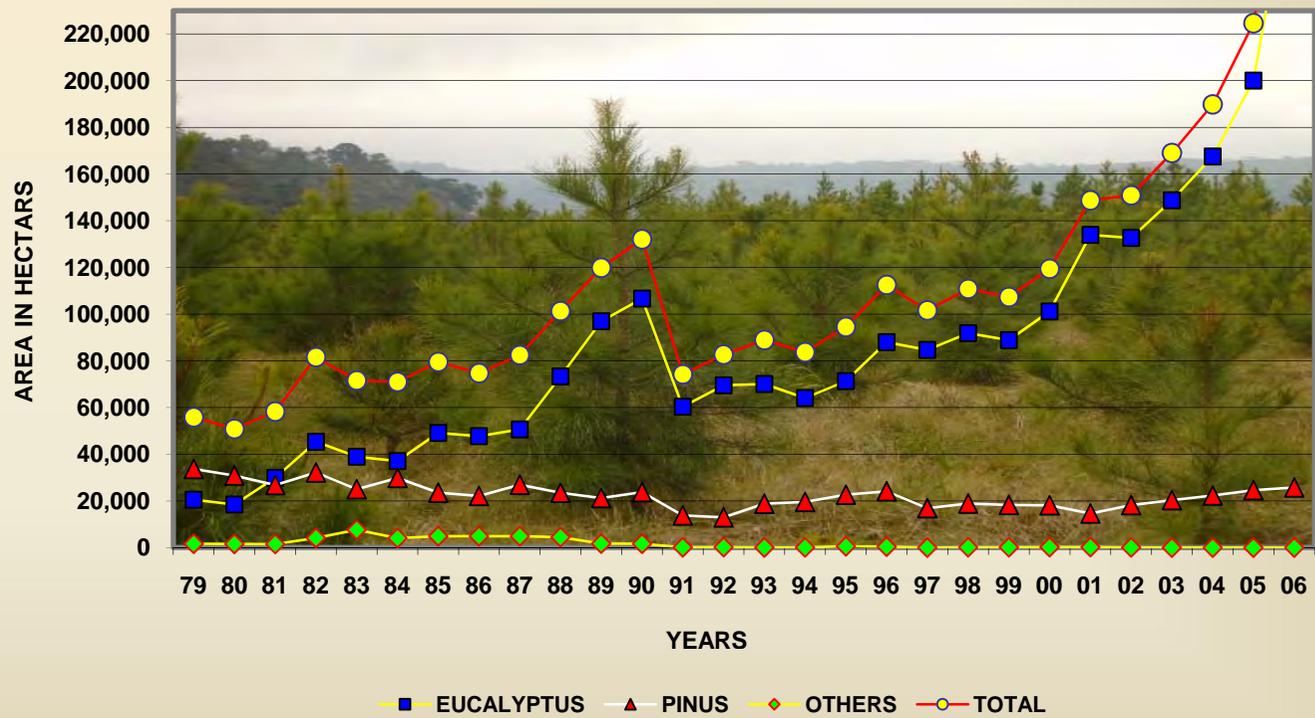
# BRAZIL – STATES WITH FOREST ACTIVITY 2006 ( In thousand Ha )



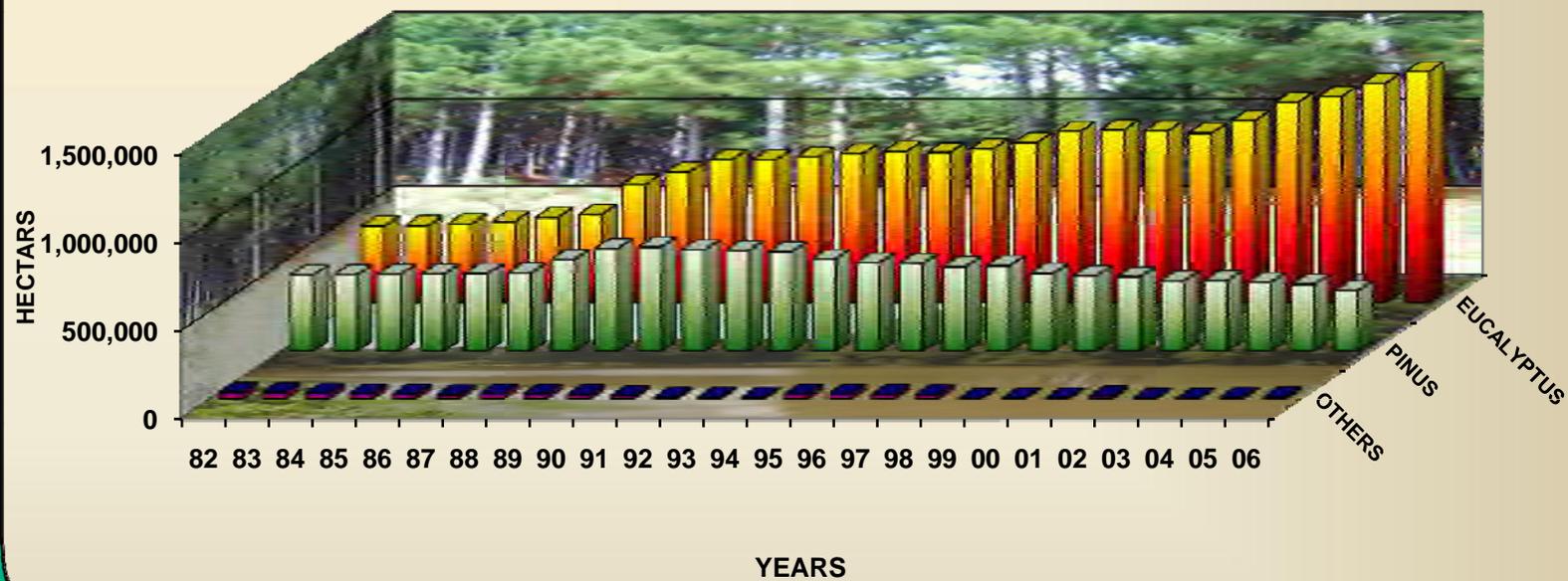
TOTAL PLANTED AREA IN 12/31/2006  
(Per year in Ha)

YEARS OF PLANTING	GENUS					TOTAL
	EUCALYPTUS	PINUS	B.PINE	ACACIA	OTHERS	
1947 - 1982	24,186.4	35,097.9	3,673.3	-	377.4	63,335.0
1983	2,533.3	3,512.7	106.7	0.2	9.2	6,162.1
1984	513.9	5,217.9	89.2	-	121.7	5,942.7
1985	1,774.1	3,206.4	92.2	-	25.6	5,098.3
1986	3,516.2	2,086.0	75.0	0.8	75.4	5,753.4
1987	6,186.5	5,334.9	71.5	1.4	39.6	11,633.9
1988	6,710.1	5,195.7	137.6	2,843.1	4,508.2	19,394.7
1989	9,387.8	6,377.8	83.0	-	15.5	15,864.1
1990	10,446.9	9,331.7	1.3	-	5.9	19,785.8
1991	10,961.5	9,463.0	-	-	48.6	20,473.1
1992	4,670.2	9,037.7	-	-	17.4	13,725.3
1993	6,383.0	10,637.8	67.3	-	13.0	17,101.1
1994	6,894.5	18,192.6	89.5	-	38.3	25,214.9
1995	9,935.9	16,254.1	150.2	-	52.0	26,392.2
1996	17,995.1	14,339.7	89.2	-	54.0	32,478.0
1997	22,853.0	14,560.3	84.1	-	64.8	37,562.2
1998	27,864.7	17,052.5	102.3	-	49.9	45,069.4
1999	41,651.1	15,734.3	101.1	-	81.2	57,567.7
2000	67,324.0	16,519.8	0.2	-	72.7	83,916.7
2001	120,080.8	18,016.8	11.9	-	101.8	138,211.3
2002	127,634.9	16,150.0	-	-	76.0	143,860.9
2003	147,061.8	19,992.6	-	-	86.1	167,140.5
2004	158,700.4	22,176.1	9.7	-	59.4	180,945.6
2005	188,129.1	24,524.5	-	-	110.0	212,763.6
2006	297,086.5	25,713.8	-	-	28.1	322,828.4
<b>TOTAL</b>	<b>1,320,481.7</b>	<b>343,726.6</b>	<b>5,035.3</b>	<b>2,845.5</b>	<b>6,131.8</b>	<b>1,678,220.9</b>

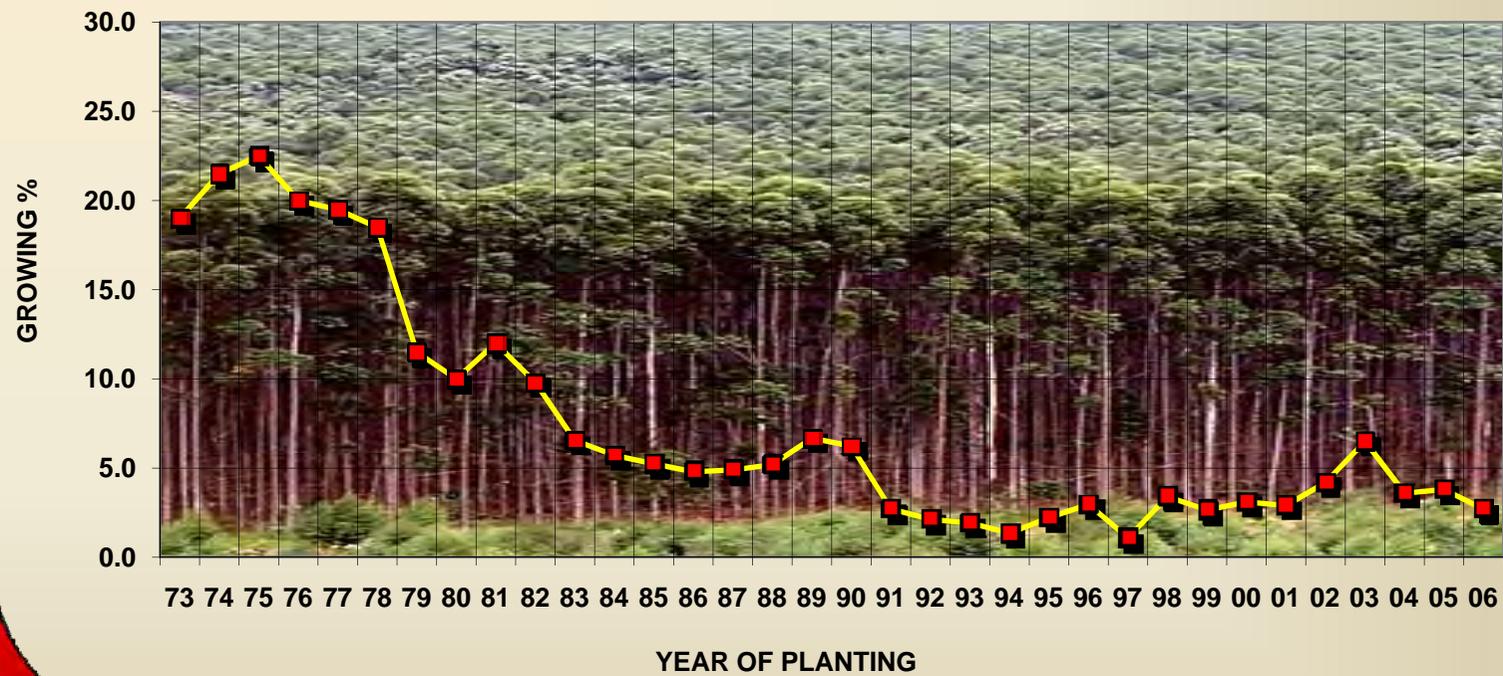
### REFORESTATION CARRIED OUT BY THE SECTOR Period from 1979 to 2006



PLANTED AREA EXISTING AT THE END OF EACH YEAR  
( Period from 1982 to 2006 )



GROWING INDEX OF PLANTED AREA OVER EXISTING TOTAL  
( From 1973 to 2006 )



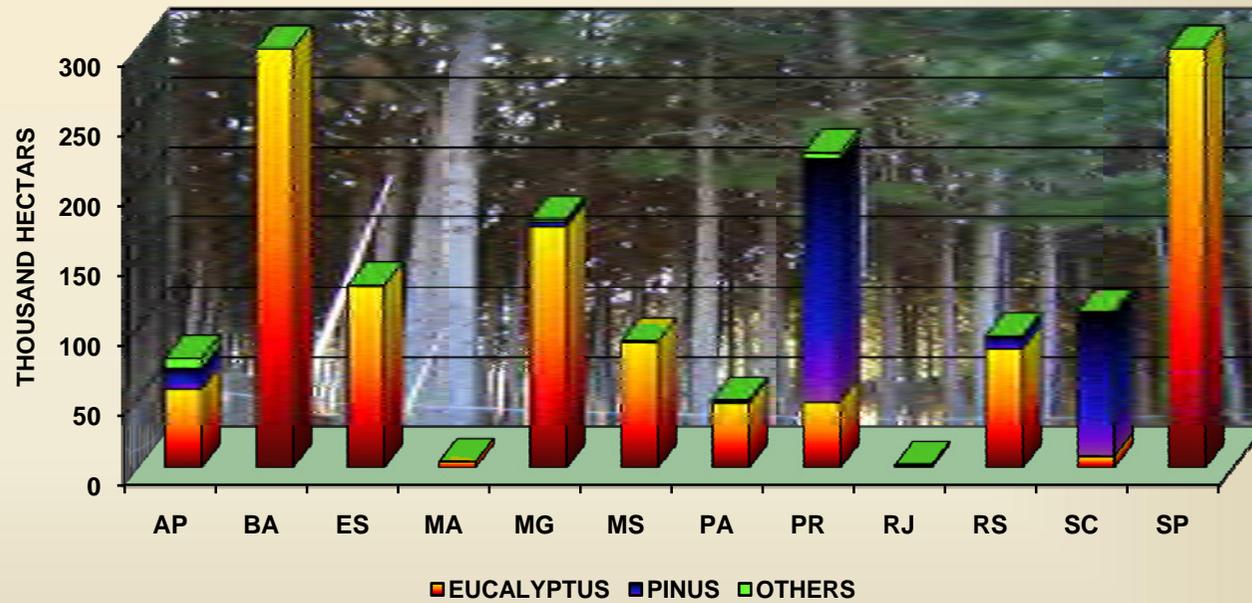
TOTAL PLANTED AREA EXISTING IN 12/31/2006

(Per State in Ha)

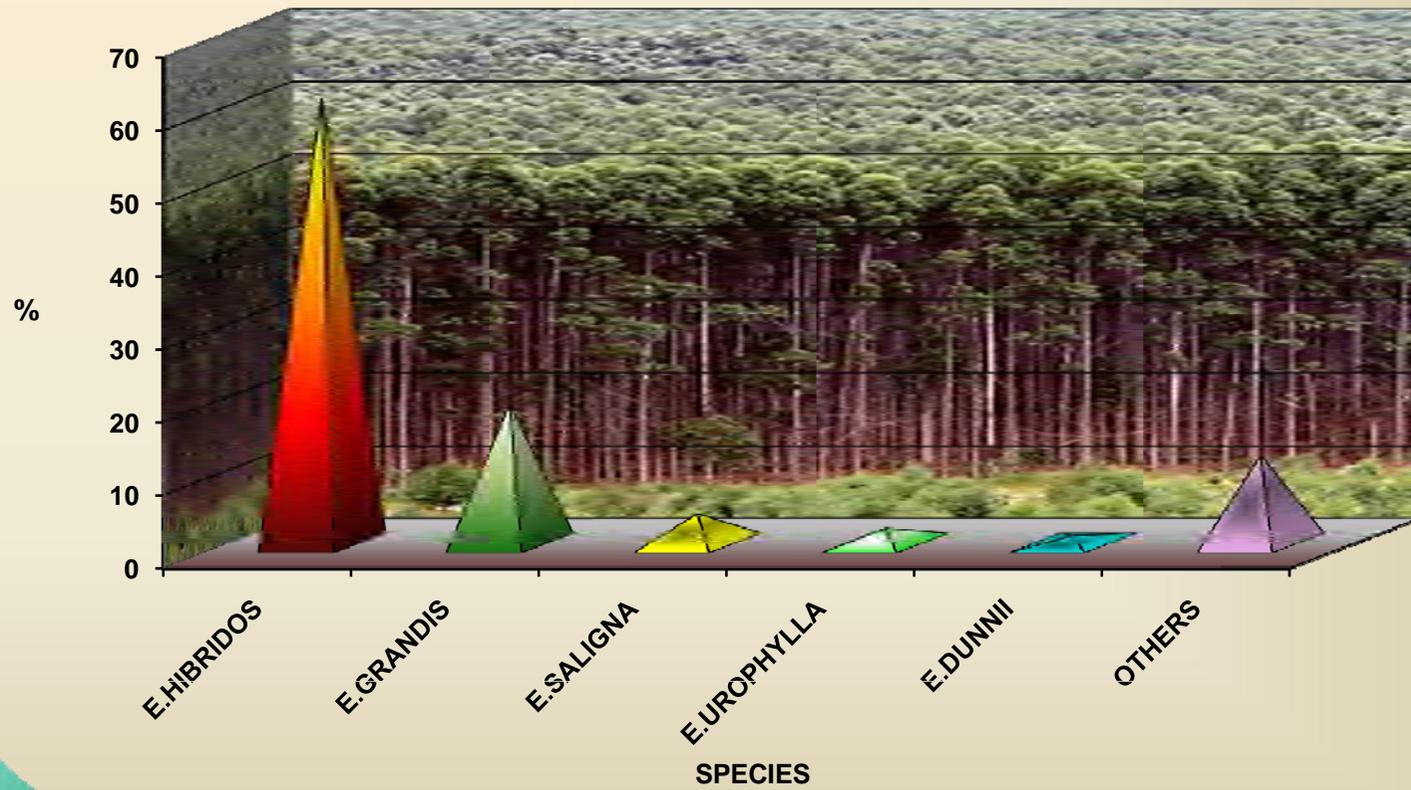
Genus

State	Eucalyptus	Pinus	B.Pine	Acacia	Others	Total
Amapá	55,780.0	15,296.0	-	2,843.0	3,653.3	77,572.3
Bahia	337,849.9	2,322.7	-	-	-	340,172.6
Espírito Santo	130,459.2	8.9	-	-	-	130,468.1
Maranhão	469.0	-	-	-	-	469.0
Mato Grosso do Sul	90,586.6	-	-	-	-	90,586.6
Minas Gerais	172,288.9	2,770.8	-	-	1,717.0	176,776.7
Pará	46,042.7	101.0	-	-	642.3	46,786.0
Paraná	46,831.3	174,281.9	4,247.6	-	11.4	225,372.2
Rio de Janeiro	1,616.0	-	-	-	-	1,616.0
Rio Grande do Sul	85,244.4	8,378.3	592.3	2.5	36.2	94,253.7
Santa Catarina	7,708.0	102,254.6	129.1	-	15.3	110,107.0
São Paulo	345,605.7	38,312.4	66.3	-	56.3	384,040.7
<b>Total</b>	<b>1,320,481.7</b>	<b>343,726.6</b>	<b>5,035.3</b>	<b>2,845.5</b>	<b>6,131.8</b>	<b>1,678,220.9</b>

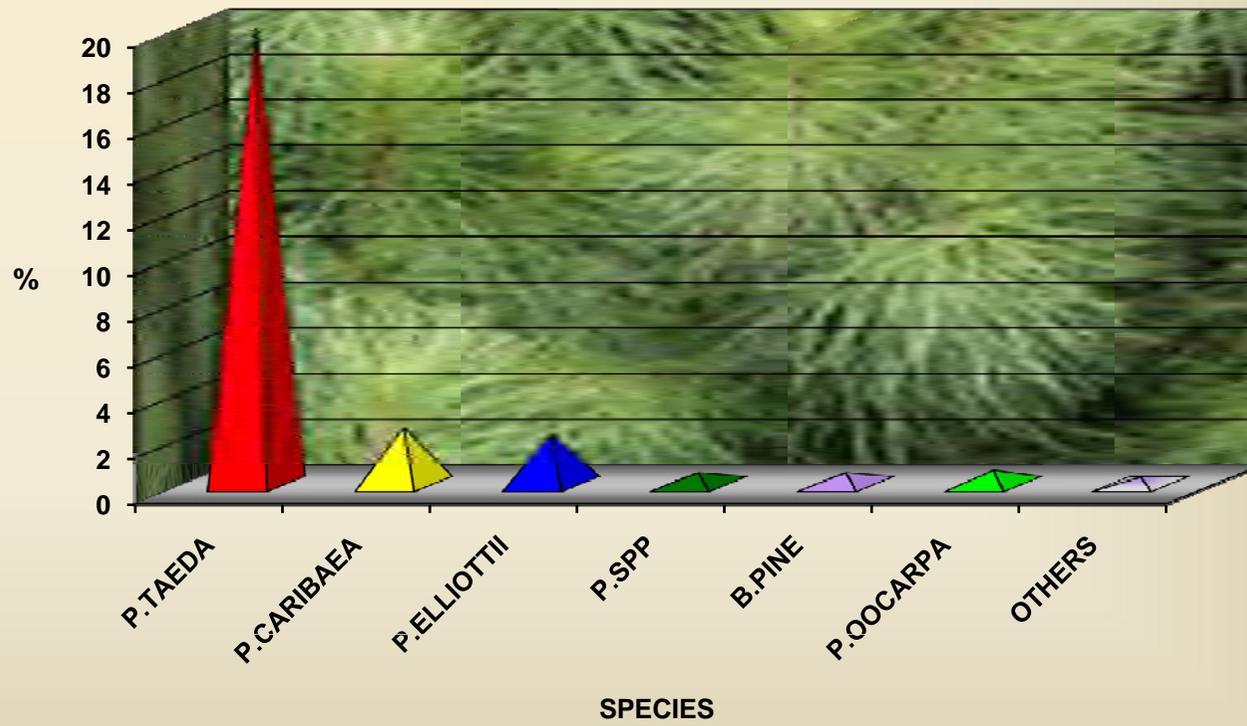
TOTAL PLANTED AREA EXISTING IN 12/31/2006



THE MOST PLANTED SPECIES EXISTING IN 12/31/2006  
LEAVEDS



THE MOST PLANTED SPECIES EXISTING IN 12/31/2006  
CONIFEROUS



**POSITION OF THE REAL ESTATE AREA  
OWNED AND RENTED BY THE SECTOR**  
(In hectares)

STATE	AREA				
	TOTAL PLANTED	FOR PLANTING	PRESERVATION CONSERVATION	UNUSABLE	TOTAL
AP	78,448.6	71,592.2	927,237.2	7,018.8	1,084,296.8
BA	340,172.9	35,587.1	247,007.4	55,864.5	678,631.9
ES	130,468.1	2,426.4	65,374.7	15,208.5	213,477.7
MA	469.0	11,228.0	8,250.0	1,126.0	21,073.0
MG	176,780.6	22,938.1	148,177.9	23,684.8	371,581.4
MS	90,586.6	3,242.4	34,757.6	7,173.7	135,760.3
PA	46,786.0	55,884.5	850,810.5	13,369.4	966,850.4
PR	227,100.1	32,660.4	164,291.8	45,754.7	469,807.0
RJ	1,615.5	50.7	1,266.7	257.7	3,190.6
RG	94,251.4	21,925.7	47,352.6	13,887.5	177,417.2
SC	221,359.7	18,253.1	147,677.8	30,563.4	417,854.0
SP	270,182.7	8,518.6	116,896.3	24,187.9	419,785.5
<b>TOTAL</b>	<b>1,678,221.2</b>	<b>284,307.2</b>	<b>2,759,100.5</b>	<b>238,096.9</b>	<b>4,959,725.8</b>

AREA OF THE STATE X PLANTED AREA BY THE SECTOR  
BY 12/31/2006  
(In km <sup>2</sup>/ thousand)

STATE	STATE AREA	PLANTED AREA	%
AMAPÁ	140.30	0.86	0.61
BAHIA	566.90	3.22	0.57
ESPÍRITO SANTO	45.70	1.28	2.80
MARANHÃO	329.50	0.02	0.01
MATO GROSSO DO SUL	350.50	0.69	0.20
MINAS GERAIS	586.60	1.72	0.29
PARÁ	1,246.80	0.44	0.04
PARANÁ	199.30	2.46	1.23
RIO DE JANEIRO	43.60	0.01	0.02
RIO GRANDE DO SUL	280.60	0.77	0.27
SANTA CATARINA	95.30	1.05	1.10
SÃO PAULO	248.20	3.63	1.46
TOTAL	4,133.30	16.15	0.39

**ANNUAL PLANTED AREA BETWEEN 1993 AND 2006 INCLUDING REFORMS  
(Per genus in Ha)**

GENUS	YEARS													
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
EUCALYPTUS	70,044.7	64,059.6	71,294.0	88,004.1	86,117.9	92,223.5	88,897.0	101,133.0	133,959.0	132,660.8	148,759.0	167,487.4	198,937.8	297,085.6
PINUS	18,819.7	19,562.2	22,695.0	24,117.6	15,227.8	18,374.3	18,278.0	18,071.0	14,616.0	18,163.8	20,296.0	22,354.5	26,052.2	25,742.6
B.PINE	267.3	81.1	147.0	111.0	116.2	104.4	154.0	25.0	12.0	0.0	0.0	5.2	0.0	0.0
ACACIA	0.0	0.0	234.0	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHERS	71.0	0.0	170.0	306.6	260.2	0.0	27.0	175.0	0.0	100.9	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>89,202.7</b>	<b>83,702.9</b>	<b>94,540.0</b>	<b>112,541.6</b>	<b>101,723.3</b>	<b>110,702.2</b>	<b>107,356.0</b>	<b>119,404.0</b>	<b>148,587.0</b>	<b>150,925.5</b>	<b>169,055.0</b>	<b>189,847.1</b>	<b>224,990.0</b>	<b>322,828.2</b>

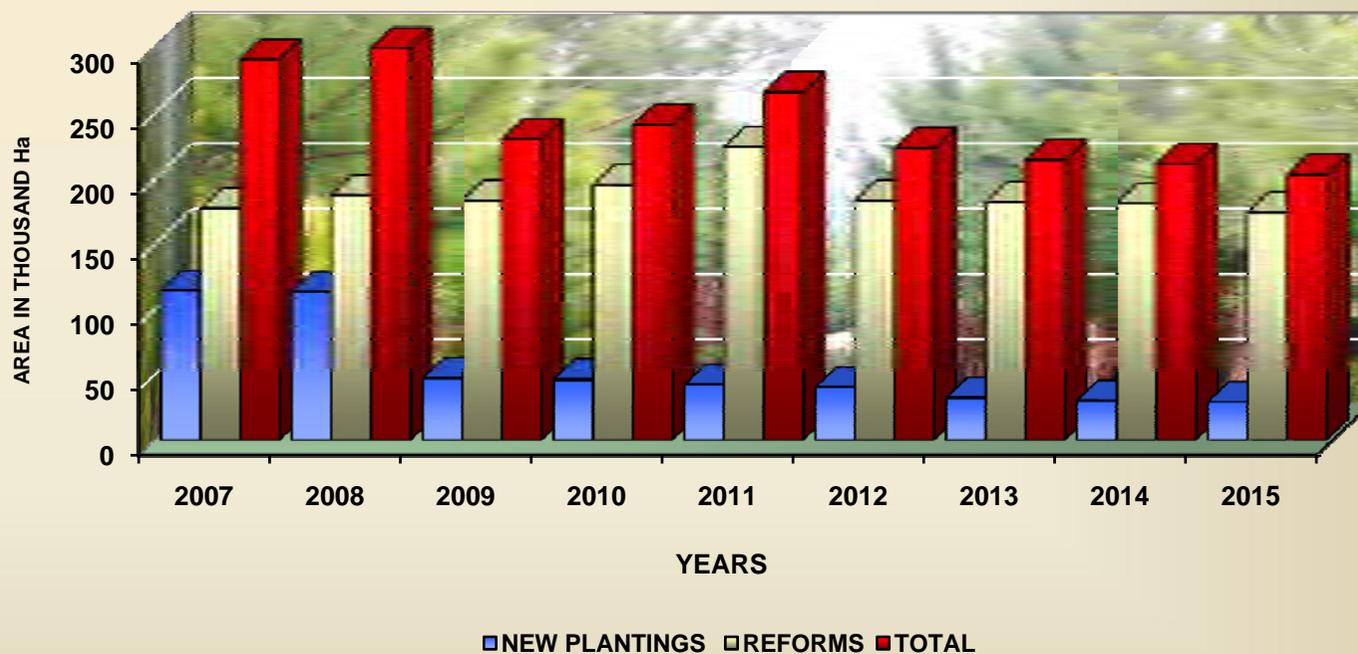
**NEW PLANTINGS AND REFORMS PROGRAMMED UNTIL THE YEAR 2015**  
(Per year in Ha)

YEAR	PLANTINGS			REFORMS			TOTAL
	EUCALYPTUS	PINUS	OTHERS	EUCALYPTUS	PINUS	OTHERS	
2007	102,274	11,553	0	161,872	15,104	0	290,803
2008	102,193	10,625	0	169,275	18,375	0	300,468
2009	36,216	10,625	0	165,654	17,925	0	230,420
2010	36,036	10,575	0	177,701	17,253	0	241,565
2011	32,101	9,875	0	206,940	17,665	0	266,581
2012	30,615	9,875	0	166,161	17,282	0	223,933
2013	22,131	9,875	0	166,151	15,883	0	214,040
2014	20,760	9,875	0	163,104	17,702	0	211,441
2015	20,304	8,975	0	158,669	15,674	0	203,622
<b>TOTAL</b>	<b>402,630</b>	<b>91,853</b>	<b>0</b>	<b>1,535,527</b>	<b>152,863</b>	<b>0</b>	<b>2,182,873</b>

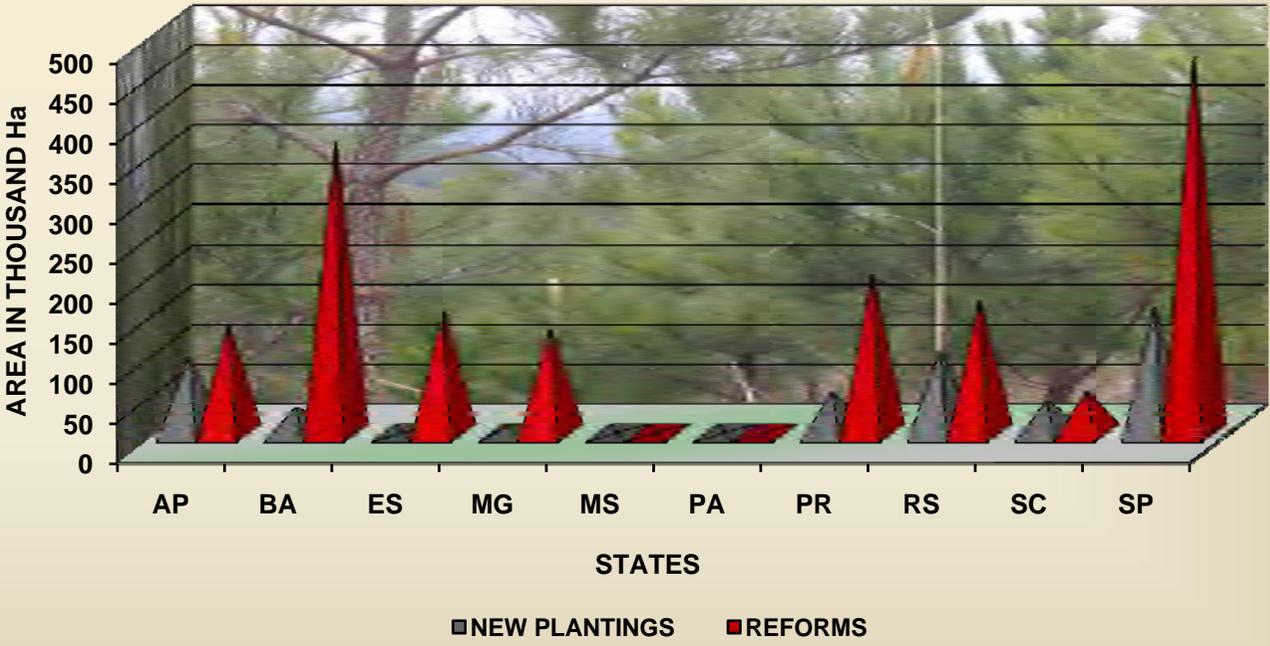
**NEW PLANTINGS AND REFORMS PROGRAMMED UNTIL THE YEAR 2015**  
( Per State in Ha )

STATE	PLANTINGS			REFORMS			TOTAL
	EUCALYPTUS	PINUS	OTHERS	EUCALYPTUS	PINUS	OTHERS	
AP	96,000	0	0	136,023	0	0	232,023
BA	32,715	0	0	365,934	0	0	398,649
ES	0	0	0	156,139	0	0	156,139
MG	10,600	0	0	128,192	2,700	0	141,492
MS	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0
PR	32,797	18,867	0	114,589	85,002	0	251,255
RJ	0	0	0	7,438	0	0	7,438
RS	103,200	1,100	0	162,774	4,074	0	271,148
SC	13,864	26,886	0	4,842	48,678	0	94,270
SP	113,454	45,000	0	459,596	12,409	0	630,459
<b>TOTAL</b>	<b>402,630</b>	<b>91,853</b>	<b>0</b>	<b>1,535,527</b>	<b>152,863</b>	<b>0</b>	<b>2,182,873</b>

NEW PLANTINGS AND REFORMS PROGRAMMED PER YEAR  
( From 2007 to 2015 )



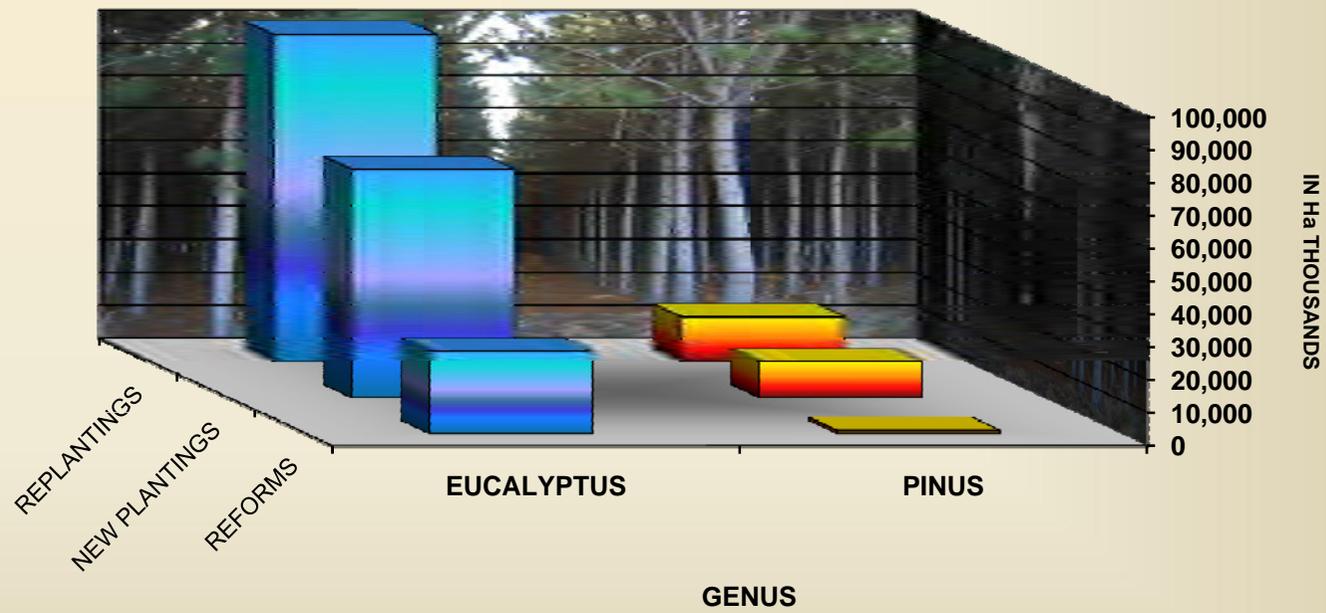
### NEW PLANTINGS AND REFORMS PROGRAMMED PER STATE ( From 2007 to 2015 )



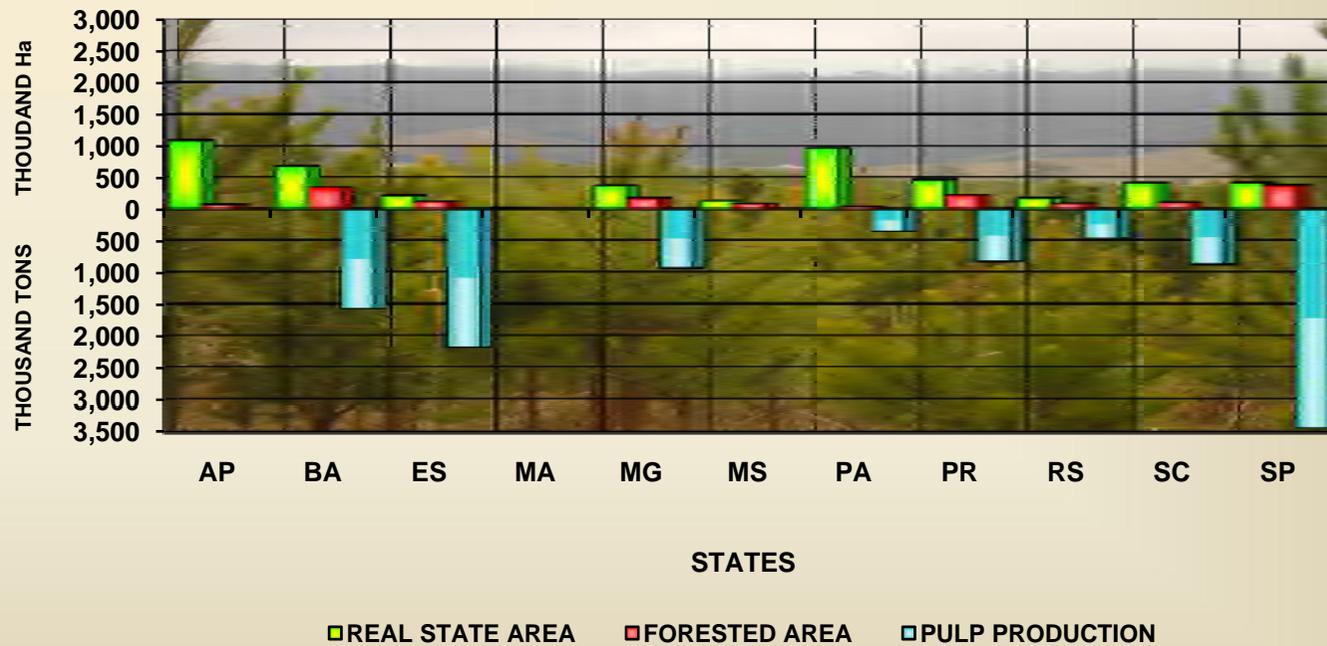
PLANTED, REFORMED AND REPLANTED AREA IN 2006  
( Per genus in Ha )

GENUS	NEW PLANTINGS	REFORMS	REPLANTED	TOTAL
EUCALYPTUS	97,247.6	36,939.8	297,194.3	431,381.7
PINUS	19,391.1	967.8	19,749.8	40,108.7
B.PINE	0.0	0.0	0.0	0.0
ACACIA	0.0	0.0	0.0	0.0
OTHERS	0.0	0.0	0.0	0.0
TOTAL	116,638.7	37,907.6	316,944.1	471,490.4

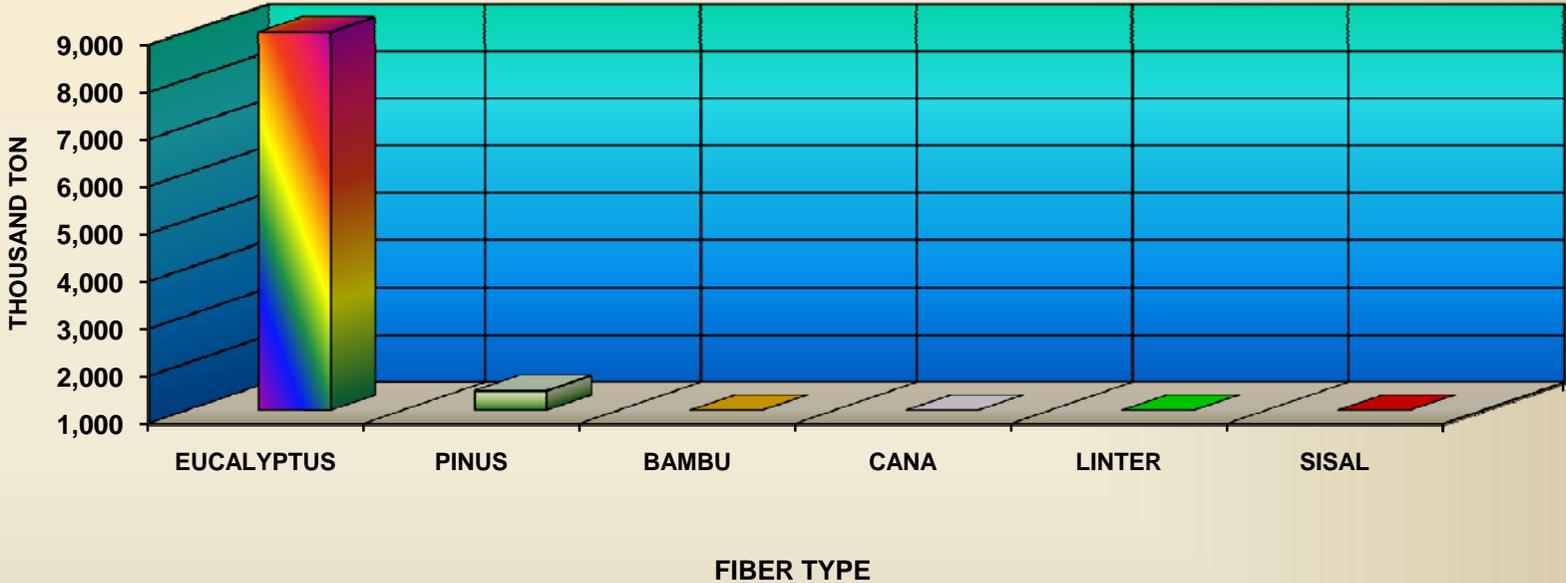
### TOTAL PLANTED AREA IN 2006



TOTAL STATE AREA X FORESTED AREA X PULP PRODUCTION  
 ( Per State in 12/31/2006)



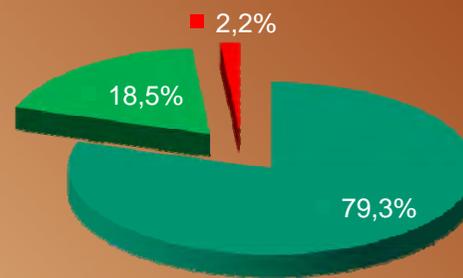
BRAZILIAN PULP PRODUCTION PER TYPE OF FIBER IN 2006



VOLUME OF WOOD CONSUMED TO PRODUCE  
PULP, PAPER AND FUEL IN 2006  
( In solid m<sup>3</sup>ob )

GENUS	PULP AND PAPER	FUEL GENERATION	TOTAL
EUCALYPTUS	37,445,835	1,788,099	39,233,934
PINUS	7,673,604	1,449,498	9,123,102
B. PINE	0	0	0
ACACIA	0	0	0
OTHERS	0	1,091,263	1,091,263
<b>TOTAL</b>	<b>45,119,439</b>	<b>4,328,860</b>	<b>49,448,299</b>

PERCENTAGE DISTRIBUTION OF CONSUMED  
WOOD FOR PULP AND FUEL IN 2006

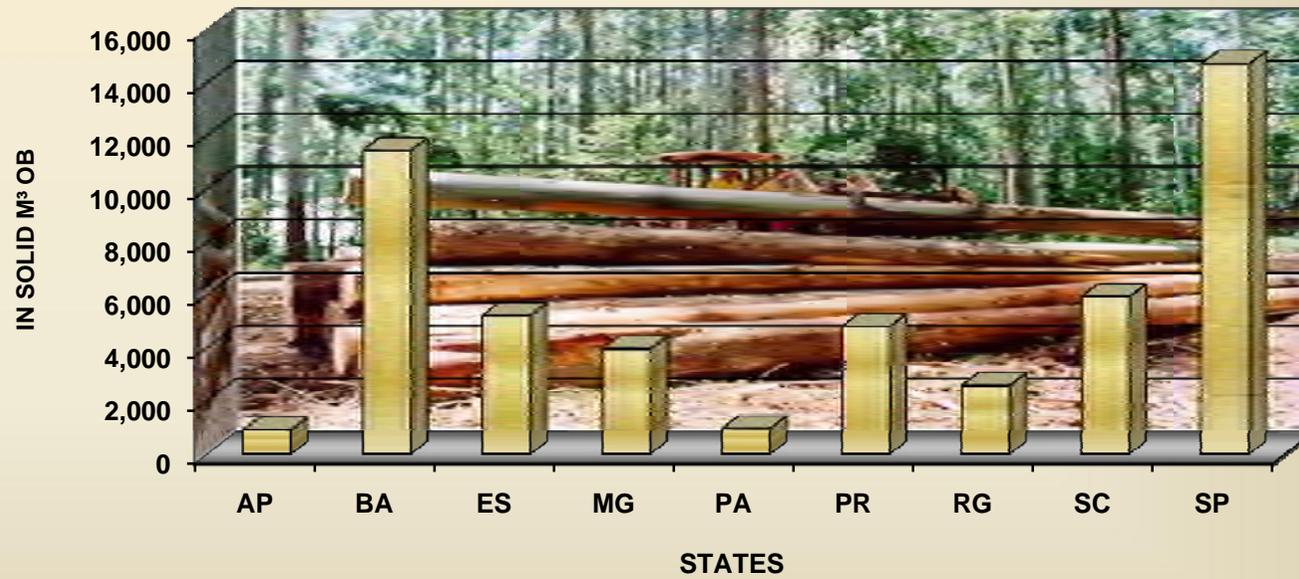


■ EUCALYPTUS ■ PINUS ■ OTHERS

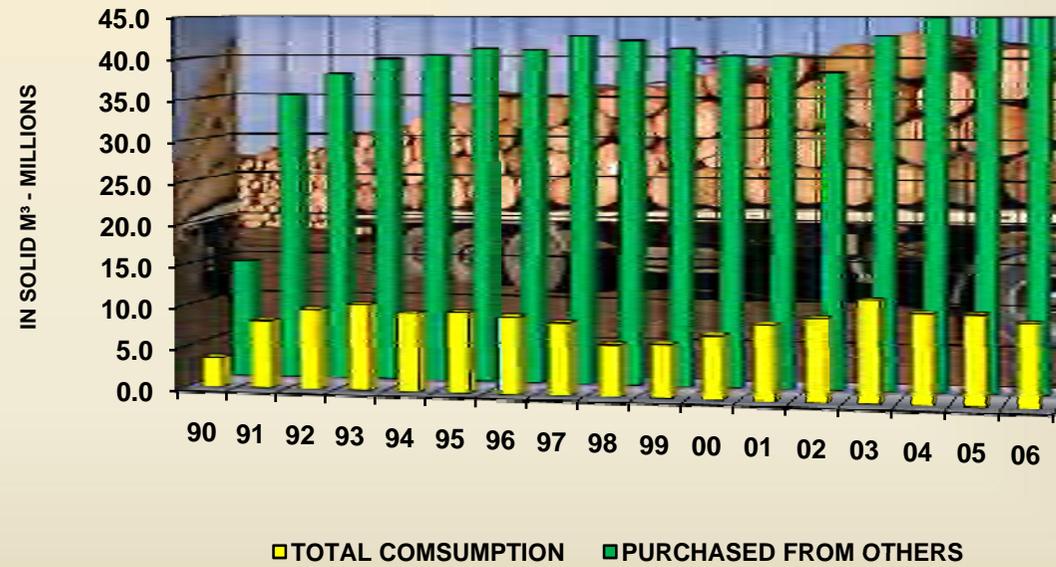
VOLUME OF WOOD PURCHASED IN 2006  
TO PRODUCE PULP, PAPER AND FUEL  
(In solid m<sup>3</sup> ob)

GENUS	PULP AND PAPER	FUEL GENERATION	TOTAL
EUCALYPTUS	5,060,655	426,434	5,487,089
PINUS	2,655,339	1,144,193	3,799,532
OTHERS	73,757	484,008	557,765
TOTAL	7,789,751	2,054,635	9,844,386

WOOD COMSUMPTION FOR PULP, PAPER AND FUEL IN 2006  
( Per State )



**WOOD PURCHASED FROM OTHERS TO PRODUCE PULP, PAPER AND FUEL X TOTAL COMSUMPTION**  
(Period from 1990 to 2006)



VOLUME OF WOOD DESTINED TO SAWMILLS  
( From 1994 to 2006 in solid m<sup>3</sup> ob )

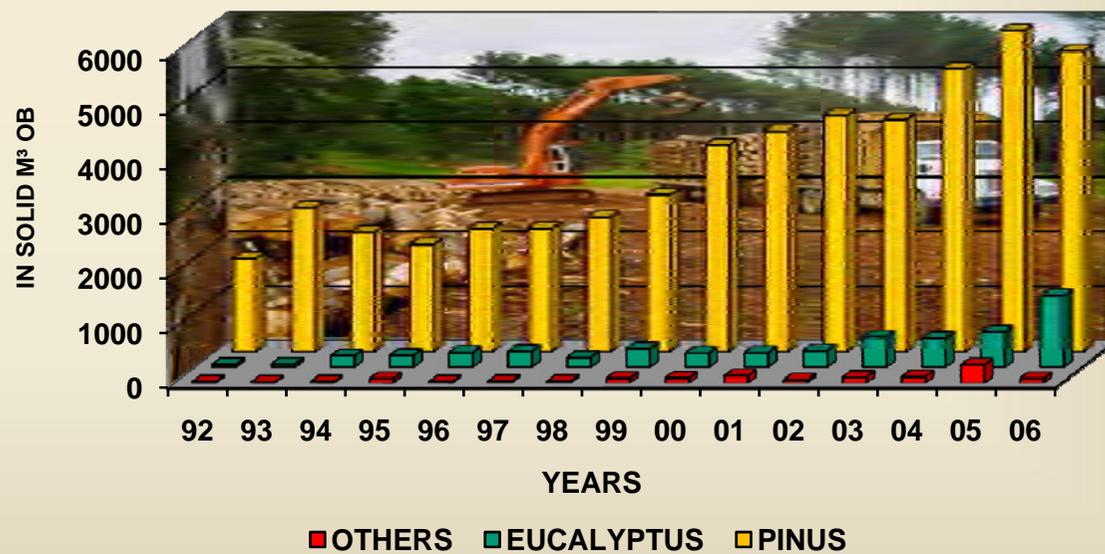
YEARS

GENUS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	AVERAGE
EUCALYPTUS	208,175	218,958	266,280	286,421	180,130	335,694	258,943	265,736	305,300	550,239	527,867	638,481	1,303,421	534,565
PINUS	2,180,681	1,956,160	2,247,143	2,250,421	2,459,280	2,879,842	3,782,732	4,027,824	4,267,503	4,226,195	5,164,738	5,864,276	5,270,829	4,657,762
B.PINE	20,136	26,051	19,039	25,957	27,582	69,368	19,710	26,187	39,041	60,909	115,496	276,648	221,027	94,715
ACACIA	0	0	0	0	0	0	0	0	0	0	328	0	0	33
OTHERS	53,092	52,972	0	0	0	0	0	105,467	52,392	43,753	388	49,000	80,000	43,706
TOTAL	2,462,084	2,254,141	2,532,462	2,562,799	2,666,992	3,284,904	4,061,385	4,425,215	4,664,236	4,881,095	5,808,817	6,828,405	6,875,277	5,330,781

VOLUME OF WOOD DESTINED TO OWN  
SAWMILL AND OTHERS  
(In solid m<sup>3</sup> ob)

GENUS	OWN	OTHERS	TOTAL
EUCALYPTUS	819,811	483,610	1,303,421
PINUS	1,106,331	4,164,498	5,270,829
B. PINE	1,427	219,600	221,027
OTHERS	0	80,000	80,000
TOTAL	1,927,569	4,947,708	6,875,277

### WOOD EXTRACTED FROM FORESTS AND SENT TO SAWMILLS



**VOLUME OF WOOD TRANSPORTED FROM THE FOREST AND YARDS  
TO THE MILLS DURING 2006 ACCORDING TO THE TRAVELLED DISTANCE  
(In solid m<sup>3</sup> ob)**

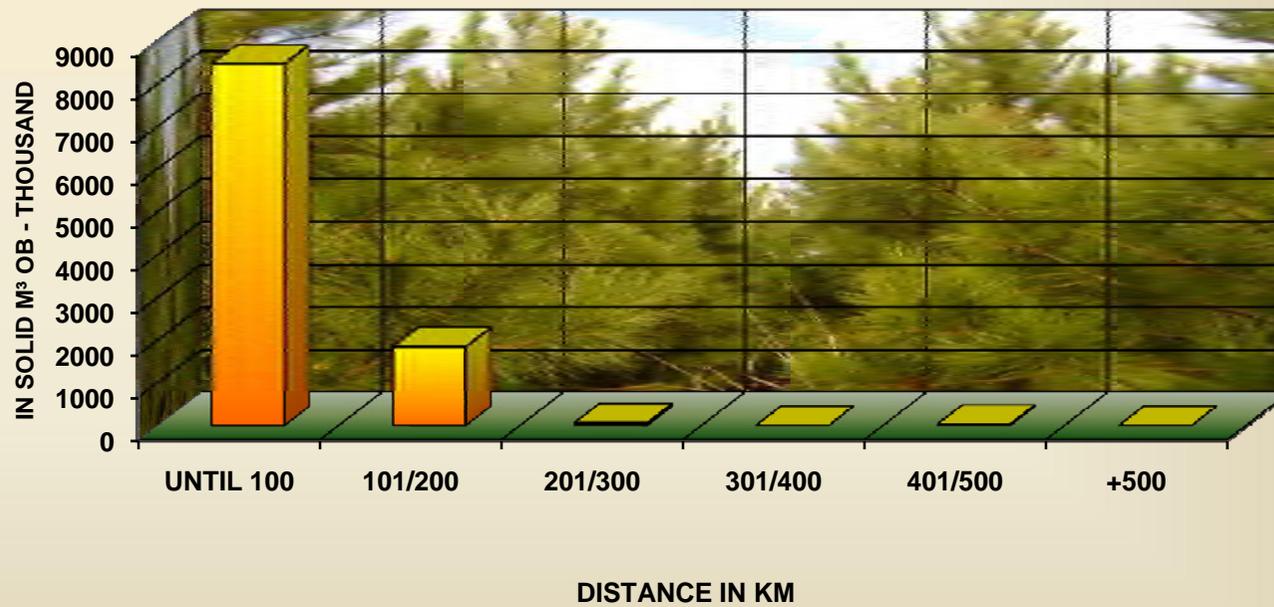
DISTANCE (KM)	GENUS				TOTAL
	EUCALYPTUS	PINUS	B.PINE	OTHERS	
UNTIL - 100	20,609,870	8,473,254	222,771	544,788	29,850,683
101 - 200	7,783,956	1,847,143	0	8,940	9,640,039
201 - 300	4,972,293	62,853	0	0	5,035,146
301 - 400	7,108,137	0	0	0	7,108,137
401 - 500	749,091	31,661	0	50,143	830,895
ABOVE - 501	0	0	0	0	0
<b>TOTAL</b>	<b>41,223,347</b>	<b>10,414,911</b>	<b>222,771</b>	<b>603,871</b>	<b>52,464,900</b>

PERCENTAGE OF THE WOOD TRANSPORTED IN 2006  
 ACCORDING TO THE TRAVELLED DISTANCE

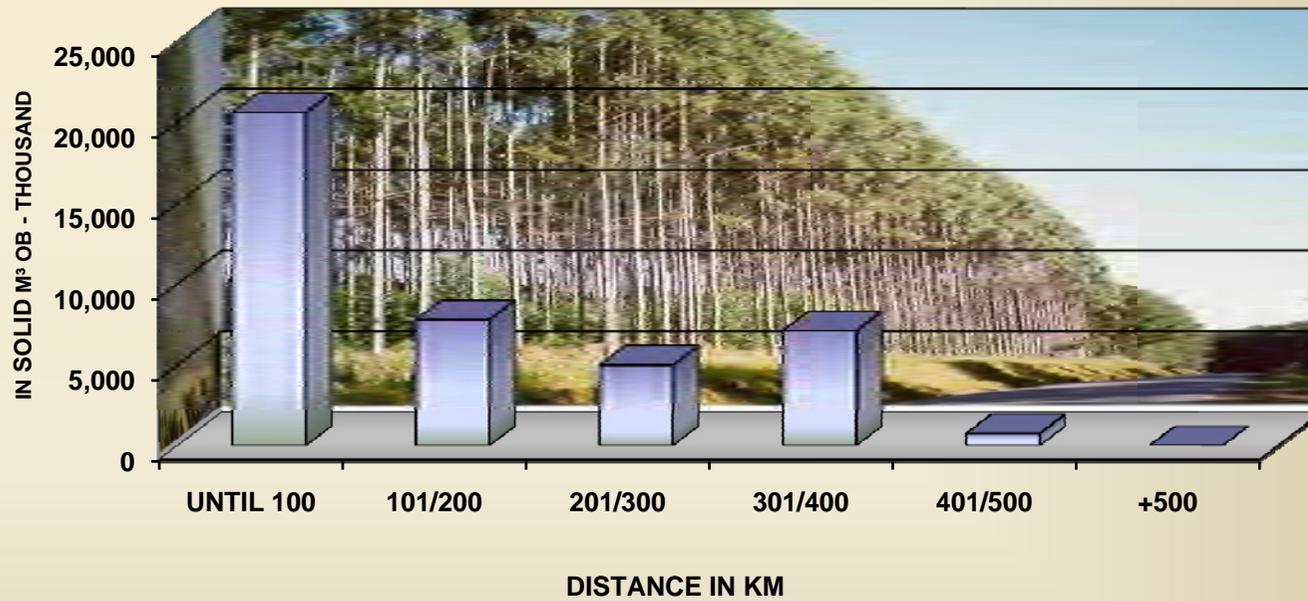
( In % )

DISTANCE IN KM	TRANSPORTED AVERAGE	
	EUCALYPTUS	PINUS
UNTIL - 100	50.0	81.0
101 - 200	19.0	18.0
201 - 300	12.0	1.0
301 - 400	17.0	0.0
401 - 500	2.0	0.0
ABOVE - 501	0.0	0.0
TOTAL	100.0	100.0

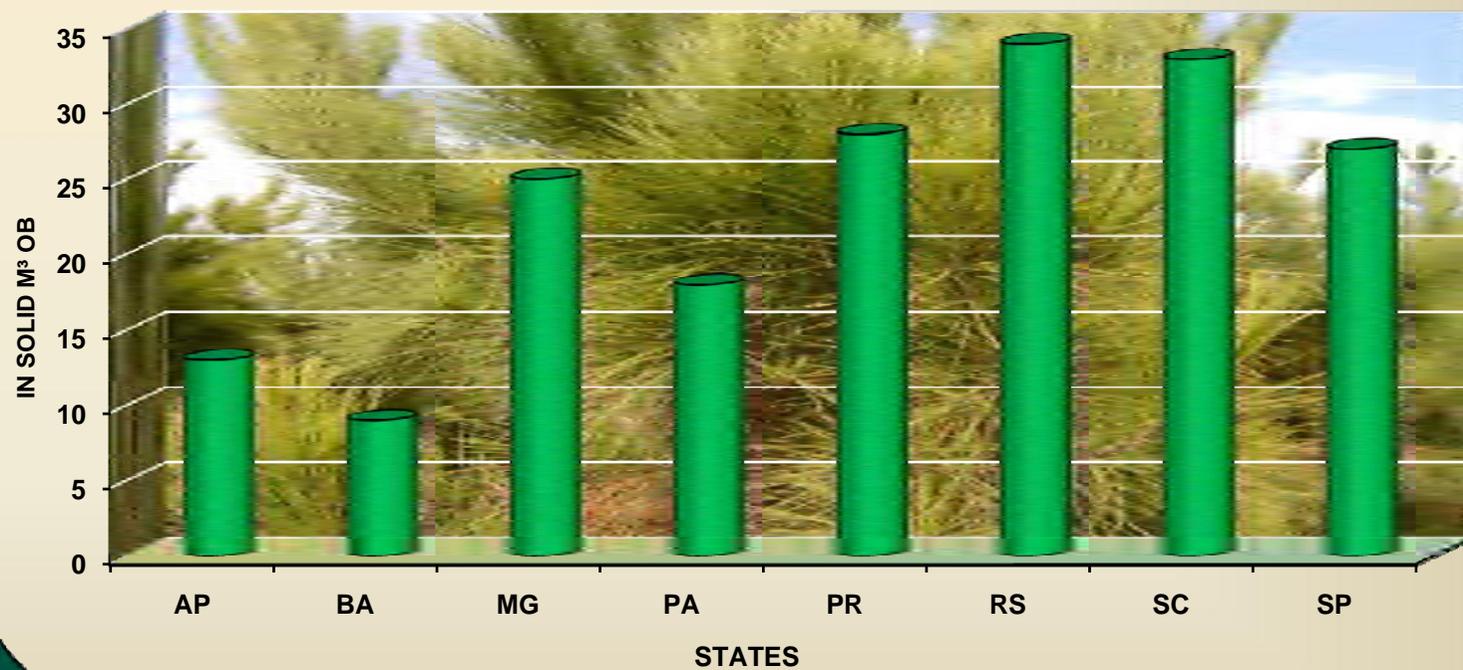
DISTANCE TRAVELLED BY THE WOOD TO ARRIVE AT THE MILLS  
Pinus



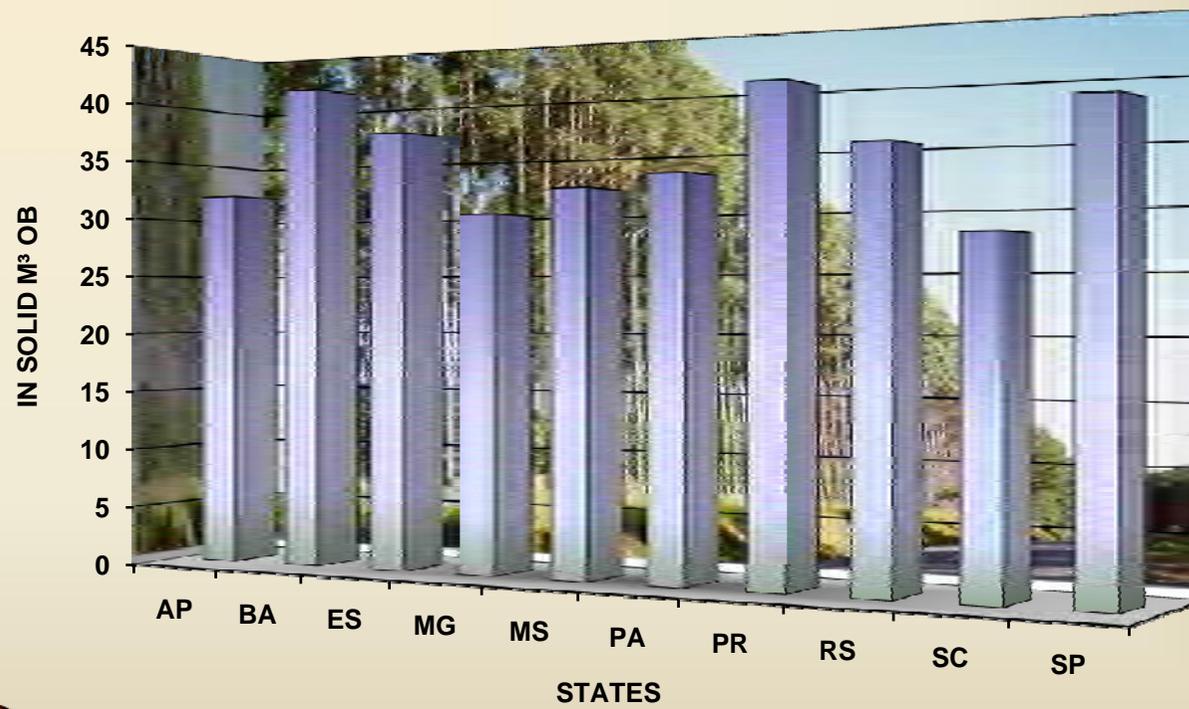
DISTANCE TRAVELLED BY THE WOOD TO ARRIVE AT THE MILLS  
Eucalyptus



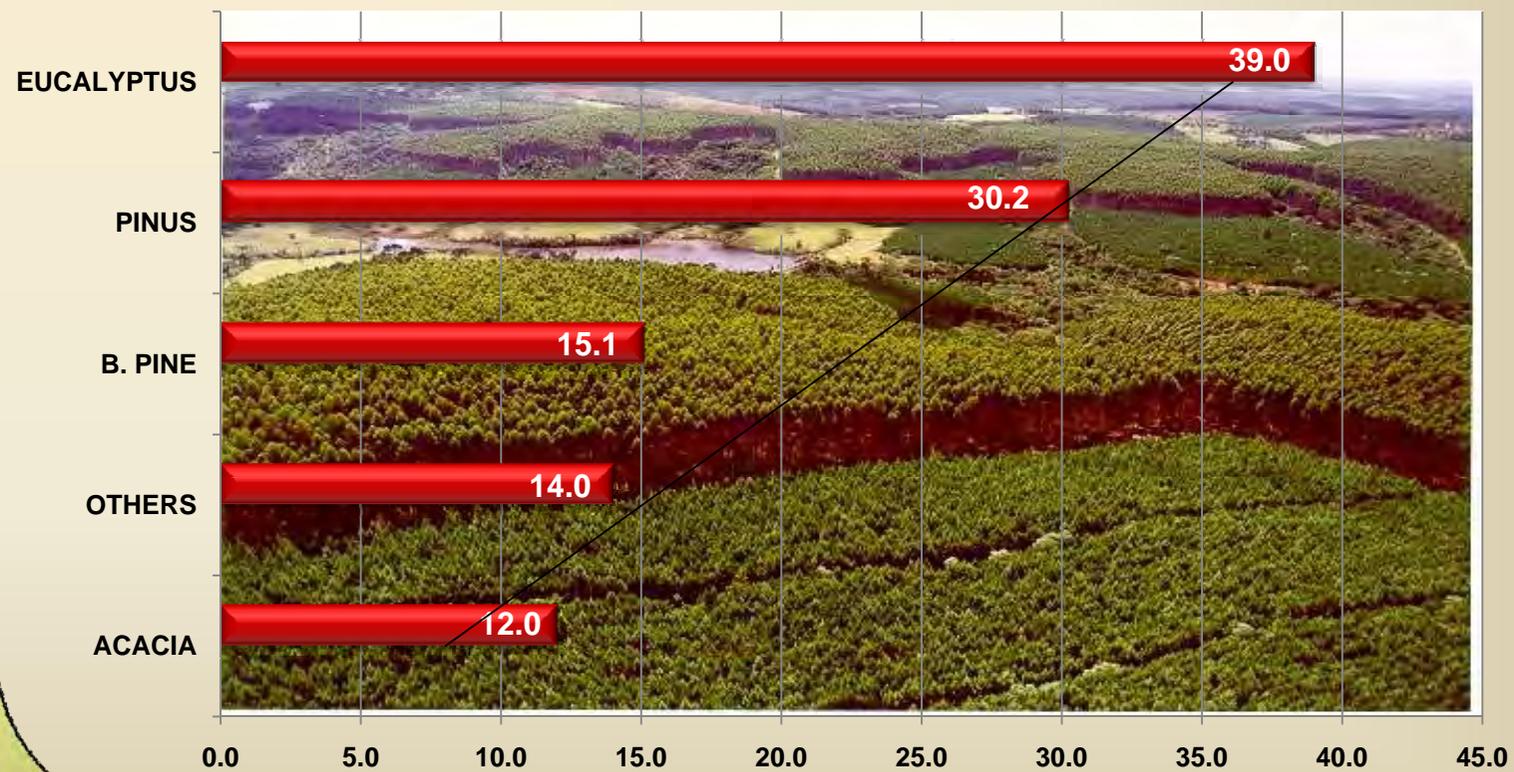
### AVERAGE YIELD OF PINUS FORESTS PER STATE



### AVERAGE YIELD OF EUCALYPTUS FORESTS PER STATE



AVERAGE YIELD FORESTS PLANTED BY THE SECTOR – 2006  
( In solid m<sup>3</sup> ob)



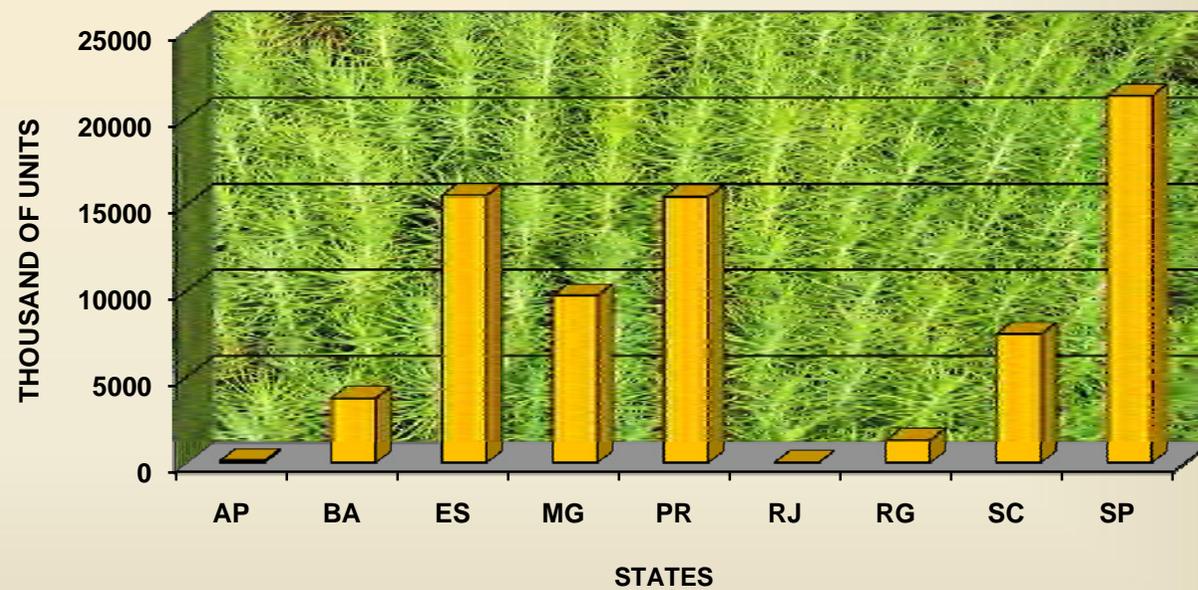
AREA OF INCITEMENT IN 12/31/2006

STATE	AREA IN HECTARS		
	EUCALYPTUS	PINUS	TOTAL
BAHIA	90,199.2	0.0	90,199.2
ESPÍRITO SANTO	38,338.8	0.0	38,338.8
MINAS GERAIS	44,455.3	0.0	44,455.3
PARANÁ	21,885.7	26,983.4	48,869.1
RIO DE JANEIRO	116.0	0.0	116.0
RIO GRANDE DO SUL	2,118.9	1,600.0	3,718.9
SANTA CATARINA	1,477.1	25,131.7	26,608.8
SÃO PAULO	45,295.3	7,138.0	52,433.3
TOTAL	243,886.3	60,853.1	304,739.4

**FOREST STIMULUS  
SEEDLINGS SOLD OR DONATED BY THE SECTOR IN 2006  
(Per unit)**

STATE	GENUS					TOTAL
	EUCALYPTUS	PINUS	B. PINE	NATIVES	OTHERS	
AP	2,390	0	0	122,625	0	125,015
BA	3,723,209	0	0	0	0	3,723,209
ES	15,310,196	0	0	198,168	0	15,508,364
MG	9,685,148	0	0	550	0	9,685,698
PR	11,216,150	4,228,900	0	0	0	15,445,050
RJ	0	0	0	20,000	0	20,000
RG	0	1,200,000	0	100,000	0	1,300,000
SC	1,555,200	5,910,100	200	1,766	0	7,467,266
SP	9,376,540	11,895,000	0	25,700	0	21,297,240
<b>TOTAL</b>	<b>50,868,833</b>	<b>23,234,000</b>	<b>200</b>	<b>468,809</b>	<b>0</b>	<b>74,571,842</b>

AMOUNT OF SEEDLINGS DONATED AND SOLD PER STATE  
( In 2006 )



FOREST CERTIFIED AREA IN 12/31/2006

STATE	IN HECTARS
AMAPÁ	176,400
BAHIA	261,361
ESPÍRITO SANTO	120,755
MINAS GERAIS	125,435
MATO GROSSO DO SUL	68,584
PARÁ	46,042
PARANÁ	184,843
RIO GRANDE DO SUL	57,430
SANTA CATARINA	87,051
SÃO PAULO	315,460
TOTAL	1,443,361

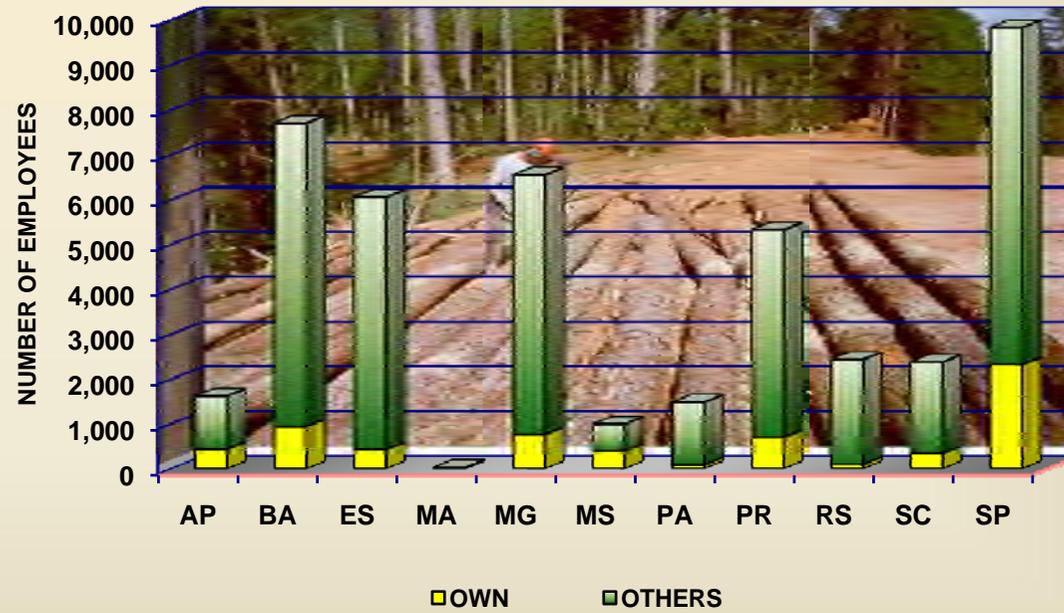
DESTROYED AREA IN 12/31/2006  
(In Ha)

STATE	BY FIRE	BY PLAGUE	BY ILLNESS	TOTAL
BA	680.6	0.0	0.0	680.6
ES	1,028.0	0.0	0.0	1,028.0
MG	55.9	12.3	0.0	68.2
SP	231.0	0.0	0.0	231.0
TOTAL	1,995.5	12.3	0.0	2,007.8

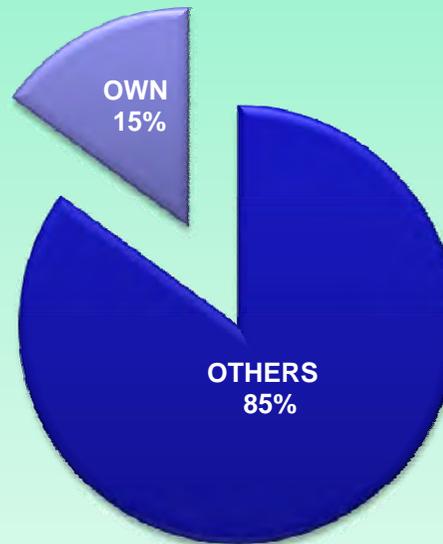
**HUMAN LABOUR EMPLOYED IN THE FOREST ACTIVITY**  
 ( Average number of employees in 2006 )

STATE	OWN	OTHERS	TOTAL
AP	431	1,190	1,621
BA	936	6,768	7,704
ES	426	5,632	6,058
MA	9	17	26
MG	760	5,794	6,554
MS	396	591	987
PA	86	1,400	1,486
PR	700	4,630	5,330
RS	98	2,341	2,439
SC	341	2,040	2,381
SP	2,325	7,750	10,075
<b>TOTAL</b>	<b>6,508</b>	<b>38,153</b>	<b>44,661</b>

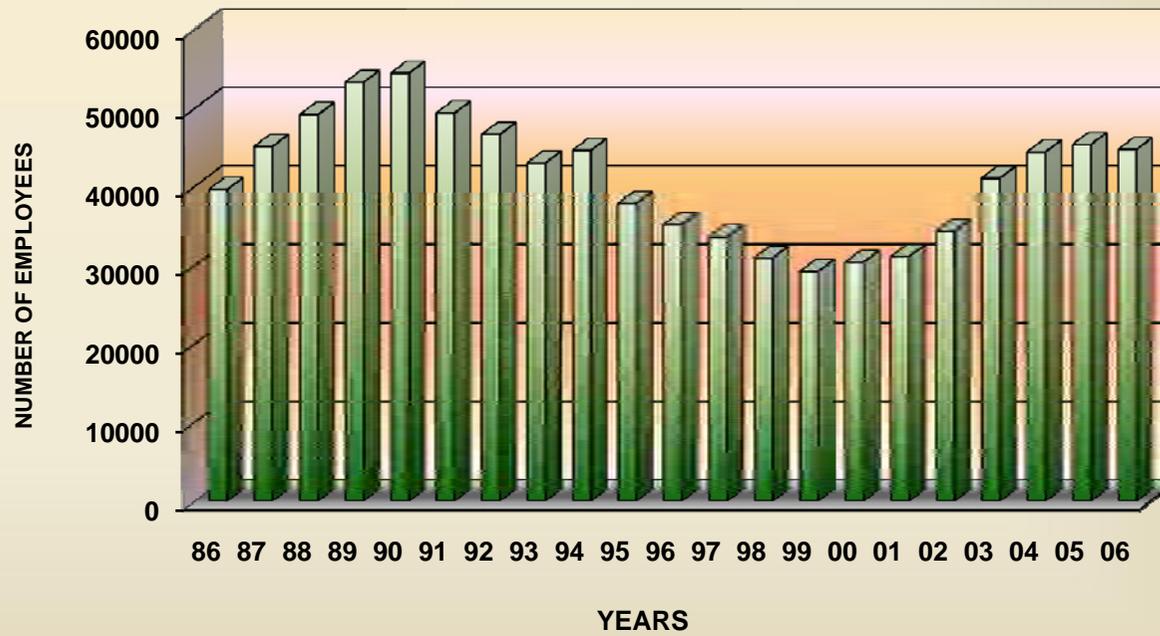
### HUMAN LABOUR EMPLOYED IN FOREST ACTIVITY ( Per State )



HUMAN LABOUR DISTRIBUTION ACCORDING  
TO IT'S BOUND



NUMBER OF EMPLOYEES ON FOREST ACTIVITY PER YEAR  
( Period from 1986 to 2006 )



**FOREST HUMAN LABOUR ACCORDING TO THE ACTIVITY**  
( Average of employees in 2006 )

HUMAN LABOUR

ACTING AREA	OWN	OTHERS	TOTAL
ADMINISTRATIVE	969	691	1,660
NURSERIES	688	2,008	2,696
PREPARATION OF SOIL	616	4,467	5,083
PLANTING	527	8,110	8,637
MAINTENANCE	964	6,278	7,242
HARVESTING	1,395	10,189	11,584
TRANSPORTATION	450	5,249	5,699
OTHERS	899	1,161	2,060
<b>TOTAL</b>	<b>6,508</b>	<b>38,153</b>	<b>44,661</b>

EXPENSES WITH THE STRUCTURE FOR FOREST RESEARCH  
VALUE SPENT – US\$ THOUSAND

STATE	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AMAPÁ	601	WITH	421	407	1,200	0	0	0	0	661	509	337	497	750
BAHIA	2,301	2,332	2,811	2,198	2,353	1,765	3,523	1,616	2,386	614	873	2,788	3,196	3,623
ESPÍRITO SANTO	1,479	0	445	438	5,382	5,115	2,213	1,721	4,585	2,169	1,663	3,910	2,356	8,139
MARANHÃO	0	0	0	0	0	0	0	0	0	0	0	0	989	306
MATO GROSSO DO SUL	0	0	0	0	0	0	0	0	0	24	21	86	436	410
MINAS GERAIS	300	888	1,284	1,042	779	719	659	537	1,417	701	718	1,190	1,050	1,385
PARÁ	0	270	1,200	1,200	0	1,200	1,220	857	1,600	482	250	1	800	927
PARANÁ	4,927	2,293	3,709	3,008	2,018	1,491	712	133	1,761	734	690	1,172	995	2,477
RIO GRANDE DO SUL	0	427	807	1,689	1,004	962	627	528	1,418	588	457	920	1,090	643
SANTA CATARINA	754	260	500	557	1,310	1,568	958	181	1,467	597	712	807	667	1,425
SÃO PAULO	3,836	4,313	4,922	5,653	5,755	3,639	4,781	8,778	4,759	4,639	9,091	8,633	10,412	4,288
TOTAL	14,198	10,783	16,099	16,192	19,801	16,459	14,693	14,351	19,393	11,209	14,984	19,844	22,488	24,373

## SOURCES OF FINANCING FOR FOREST ACTIVITY ( Period from 1991 to 2006)

FINANCING AGENCIES	NUMBER OF BENEFICIARIES															
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
ADA	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
BANCO BBM S.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
BANCO DE BOSTON	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-
BADESC	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
BANCO DO BRASIL	1	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-
BANCO DESENV. M. GERAIS	1	1	-	-	-	-	-	1	1	-	-	-	-	-	-	1
BANCO ITAÚ	-	-	-	-	-	1	-	-	-	1	1	-	2	2	1	2
BNDS	5	4	4	6	7	6	5	4	4	5	5	6	7	6	5	5
BRDESCO	-	-	-	-	-	-	-	2	-	-	-	1	1	2	-	-
BRDE	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
HSBC	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
PROFLORA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
PRONAF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
REAL	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
SAFRA	-	-	-	-	-	-	-	-	1	1	1	1	-	-	1	1
SANTANDER	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
UNIBANCO	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	1
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>10</b>	<b>12</b>	<b>11</b>	<b>14</b>	<b>14</b>	<b>7</b>	<b>13</b>



## ROLL OF COMPANIES AND IT'S REPRESENTATIVES

Aracruz Celulose SA	Tadeu Mussi de Andrade/Fernando L.G. Bertolucci
Bahia Pulp SA	José Augusto Ribeiro/Sebastião da Cruz Andrade
Cambará SA - Produtos Florestais	Everton De Zorzi/Vandir Francisco Zancan
Celulose Irani SA	João Garnica/Denis Baialuna
Celulose Nipo-Brasileira SA - Cenibra	Germano A. Vieira/Márcio Mainardes
Cocelpa - Cia. de Celulose e Papel do Paraná	Irineu Romfeld Filho
Duratex SA	José Antonio Pelissoli/Anderson Wantroba
Ibema - Cia. Brasileira de Papel	Paulo Roberto J. Ivanski/Pedro Noadyr de Angelo
Iguaçu Celulose, Papel SA	Césio Righesso
International Paper do Brasil Ltda.	Armando José Santiago/Sebastião Oliveira Filho
Jari Celulose SA	Izael Azevedo de Barros
Klabin SA - SC	José Aldezir de Pucci
Klabin SA - PR	Evaristo M. Lopes/Carlos José Mendes
Klabin SA - SP	Paulo R. Silva
Melhoramentos Papéis Ltda.	Fernando Cassimiro/Claudio Zomignan
Nobrececel SA – Celulose e Papel	Rafael Hardt Araújo
Orsa Celulose, Papel e Embalagem SA	Denilson Ferreira
Rigesa Celulose, Papel e Embs. Ltda.	Etsuro Murakami
Ripasa SA Celulose e Papel	Rogério Salamuni/Vanderson T. Fernandes
Sengés Papel e Celulose Ltda.	Lúcia Helena Guimarães
Suzano Papel e Celulose	João Comério/Helton Lopes
Trombini Industrial SA	Ítalo Trombini Filho/Cibele Moro Hau
Valor Florestal	Renato Teixeira Lima/Marlene Oliveira
Veracel Celulose SA	Antonilmar Araújo L. Silva
Votorantim Celulose e Papel SA	José Maria de A. Mendes Filho/Walter Sales Jacob

## MUNICIPALITIES

### AMAPÁ

FERREIRA GOMES  
PORTO GRANDE  
PRACUUBA  
SANTANA  
TARTARUGALZINHO  
VITÓRIA DO JARÍ

EUNÁPOLIS  
GUARATINGA  
IBIRAPUÃ  
INHAMBUPE  
ITABELA  
ITAGIMIRIM  
ITANAGRA  
ITAPEBI  
JANDAÍRA

LAJEDÃO

MASCOTE  
MATA DE SÃO JOÃO  
MEDEIROS NETO  
MUCURÍ  
NOVA VIÇOSA  
OLINDINA  
OURIÇANGAS  
PORTO SEGURO

PRADO

RIO REAL  
SANTA CRUZ CABRÁLIA  
SANTA LUZIA  
SÁTIRO DIAS  
TEIXEIRA DE FREITAS  
VEREDA

### ESPÍRITO SANTO

ARACRUZ

CONCEIÇÃO DA BARRA

FUNDÃO

IBIRACU

JAGUARÉ

LINHARES

MONTANHA

MUCURICI

PEDRO CANÁRIO

PINHEIROS

RIO BANANAL

SANTA LEOPOLDINA

SANTA TERESA

SÃO MATEUS

SERRA

SOOTERAMA

VILA VALÉRIO

### MATO GROSSO DO SUL

BRASILÂNDIA

RIBAS DO RIO PARDO

SELVÍRIA

TRÊS LAGOAS

### MINAS GERAIS

AÇUCENA

AIURUOCA

ALBERTINA

ALVINÓPOLIS

ANDRADAS

ANDRELÂNDIA

ANTONIO DIAS

AREADO

BARÃO DE COCAIS

BELA VISTA DE MINAS

BELO ORIENTE

BERILO

BOM JESUS DO AMPARO

BOM JESUS DO GALHO

BRAÚNAS

BUGRE

CALDAS

CAMANDUCAIA

CAMPESTRE

CARATINGA

CARBONITA

CARLOS CHAGAS

CARRANCAS

CÁSSIA

CATAS ALTAS

CHAPADA DO NORTE

CONCEIÇÃO APARECIDA

CONSELHEIRO PENA

COROACI

CORONEL FABRICIANO

CÓRREGO NOVO

CRUZÍLIA

DIAMANTINA

DIVINOLÂNDIA DE MINAS

DORES DE GUANHÃES

FERROS

GALILÉIA

GONZAGA

GOV. VALADARES

GUANHÃES

IAPU

IPABA

IPATINGA

IPUIUNA

ITABIRA

ITAJUBÁ

JACUTINGA

JOANÉSIA

MADRE DE DEUS DE MINAS

MARIA DA FÉ

MARIANA

MARLIERIA

MATERLÂNDIA

MESQUITA

MORADA NOVA DE MINAS

NANUQUE

NAQUE

NOVA ERA

OURO FINO

PAULISTAS

PEÇANHA

PERIQUITO

PINGO D'ÁGUA

POÇOS DE CALDAS

POUSO ALEGRE

PRATÁPOLIS

RIO PIRACICABA

SABINÓPOLIS

SANTA BÁRBARA

SANTA MARIA DE ITABIRA

SANTA RITA DE CALDAS

SANTANA DO PARAÍSO

SANTO ANTONIO DO ITAMBÉ

SÃO DOMINGOS DO PRATA

SÃO GONÇALO DO RIO ABAIXO

SÃO JOÃO EVANGELISTA

SÃO JOSÉ DA SAFIRA

SAPUCAÍ - MIRIM

SARDÔA

SEN. MODESTINO GONÇALVES

TURMALINA

UBERLÂNDIA

VIRGEM DA LAPA

VIRGÍNIA

VIRGINÓPOLIS

VIRGOLÂNDIA

### PARANÁ

ALMEIRIM

ADRIANÓPOLIS  
ANTONIO OLINTO  
ARAPOTI  
BOA AVENTURA DE S. ROQUE  
CAMPO LARGO  
CÂNDIDO DE ABREU  
CASTRO  
CERRO AZUL  
CURIÚVA  
DR. ULISSES  
FIGUEIRA  
GUARAPUAVA  
IMBAÚ  
IPIRANGA  
ITAPERUÇU  
JAGUARIAÍVA  
LAPA  
ORTIGUEIRA  
PALMEIRA  
PAULO FRONTIN  
PIRAÍ DO SUL  
PRUDENTÓPOLIS  
RESERVA  
RIO BRANCO DO SUL  
ROSÁRIO DO IVAÍ  
SANTA MARIA DO OESTE  
SÃO JERÔNIMO DA SERRA  
SÃO JOÃO DO TRIUNFO  
SÃO MATEUS DO SUL  
SAPOPEMA

SENGÉS  
TEIXEIRA SOARES  
TELÊMACO BORBA  
TIBAGI  
TURVO  
VENTANIA

### **RIO DE JANEIRO**

BARRA MANSA  
RESENDE

### **RIO GRANDE DO SUL**

ARROIO DOS RATOS  
ARROIO GRANDE  
BAGÉ  
BARÃO DO TRIUNFO  
BARRA DO RIBEIRO  
BOM JESUS  
BUTIÁ  
CACHOEIRA DO SUL  
CAMAQUÁ  
CAMBARÁ DO SUL  
CANDIOTA  
CANELA  
CAPÃO DO LEÃO  
CERRITO  
CERRO GRANDE DO SUL  
CHARQUEADAS

CRISTAL  
DOM FELICIANO  
ELDORADO DO SUL  
ENCRUZILHADA DO SUL  
GENERAL CÂMARA  
GUÁIBA  
HERVAL  
JAGUARÃO  
JAQUIRANA  
LAVRAS DO SUL  
MARIANA PIMENTEL  
MINAS DO LEÃO  
PÂNTANO GRANDE  
PEDRAS ALTAS  
PEDRO OSÓRIO  
PINHEIRO MACHADO  
PIRATINI  
PORTO ALEGRE  
RIO GRANDE  
RIO PARDO  
RIOZINHO  
SANTA MARGARIDA DO SUL  
SÃO FRANCISCO DE PAULA  
SÃO GABRIEL  
SÃO JERÔNIMO  
SÃO SEPE  
SENTINELA DO SUL  
SERTÃO SANTANA  
TAPES  
TRIUNFO

VIAMÃO  
VILA NOVA DO SUL

### **SANTA CATARINA**

ÁGUA DOCE  
ALFREDO WAGNER  
BELA VISTA DO TOLDO  
BOCAINA DO SUL  
BOM RETIRO  
BRAÇO DO TROMBUDO  
CAÇADOR  
CAMPOS NOVOS  
CANOINHAS  
CAPÃO ALTO  
CATANDUVAS  
CONCÓRDIA  
CORREIA PINTO  
CURITIBANOS  
FAXINAL DO GUEDES  
HERVAL D'OESTE  
HERVAL VELHO  
IBIAN  
IBIRAMA  
IMBUIA  
IRANI  
IRINEÓPOLIS  
ITAIÓPOLIS  
JABORÁ  
JOAÇABA

LAGES  
LEBLON RÉGIS  
LEOBERTO LEAL  
MAFRA  
MAJOR VIEIRA  
MONTE CASTELO  
OTACÍLIO COSTA  
PAINEL  
PALMEIRA  
PAPANDUVA  
PASSOS MAIA  
PETROLÂNDIA  
PONTE ALTA  
PONTE ALTA DO NORTE  
PONTE SERRADA  
PORTO UNIÃO  
RIO DAS ANTAS  
RIO DO CAMPO  
RIO DO SUL  
SANTA CECÍLIA  
SÃO CRISTOVÃO DO SUL  
SÃO JOSÉ DO CERRITO  
TANGARÁ  
TIMBÓ GRANDE  
TRÊS BARRAS  
VARGEM BONITA  
VIDAL RAMOS

**SÃO PAULO**

	BRAGANÇA PAULISTA	GUAREÍ	MOGI DAS CRUZES	SALTO	VALINHOS
	BREJO	GUATAPARÁ	MOGI GUAÇU	SALTO DE PIRAPORA	VINHEDO
AGUAÍ	BROTAS	IARAS	MOGI MIRIM	SANTA BRANCA	VOTORANTIM
ÁGUAS DA PRATA	BURÍ	IBATÉ	MONTE ALEGRE DO SUL	SANTA MARIA DA SERRA	
AGUDOS	CABRÁLIA PAULISTA	IGARATÁ	MONTEIRO LOBATO	SANTA QUITÉRIA DO MA	
ALAMBARI	CAÇAPAVA	IPEÚNA	MORUNGABA	SANTA RITA DO PASSA QUATRO	
ALTINÓPOLIS	CACHOEIRA PAULISTA	ITABERÁ	NATIVIDADE DA SERRA	SANTA ROSA DO VITERBO	
AMÉRICO BRASILIENSE	CAIERAS	ITAÍ	NOVA CAMPINA	SANTO ANTONIO DA POSSE	
AMPARO	CAJURU	ITAPETININGA	PARAIBUNA	SANTO ANTONIO DO JARDIM	
ANALÂNDIA	CAMPINA DO MONTE ALEGRE	ITAPEVA	PARANAPANEMA	SÃO BENEDITO DO RIO PRETO	
ANAPURUS	CAMPINAS	ITAPIRA	PARDINHO	SÃO BERNARDO	
ANGATUBA	CANAS	ITAPIRAPUÃ PAULISTA	PATROCÍNIO PAULISTA	SÃO CARLOS	
ANHEMBI	CAPÃO BONITO	ITAPORANGA	PAULISTÂNIA	SÃO JOSÉ DOS CAMPOS	
APARECIDA	CASA BRANCA	ITARARÉ	PEDERNEIRAS	SÃO LUÍS DO PARAITINGA	
APIAÍ	CERQUEIRA CÉSAR	ITATIBA	PEDREIRA	SÃO MIGUEL ARCANJO	
ARARAQUARA	CONCHAL	ITATINGA	PILAR DO SUL	SÃO PEDRO	
AREALVA	CORONEL MACEDO	ITIRAPINA	PINDAMONHANGABA	SÃO SEBASTIÃO DA GRAMA	
AREIAS	CORUMBATAÍ	ITÚ	PIQUETE	SÃO SIMÃO	
ARTUR NOGUEIRA	CUBATÃO	JACAREÍ	PIRACAIA	SARAPUÍ	
AVAI	CUNHA	JAMBEIRO	PIRACICABA	SERRA AZUL	
AVARÉ	DESCALVADO	JOANÓPOLIS	PIRASSUNUNGA	SILVEIRAS	
BARRA DO CHAPÉU	DIVINOLÂNDIA	LAGOINHA	PIRATININGA	SOCORRO	
BERTIOGA	DUARTINA	LAVRINHAS	PORANGABA	SOROCABA	
BIRITIBA MIRIM	ENGENHEIRO COELHO	LEME	QUELUZ	SUZANO	
BOA ESPERANÇA DO SUL	ESPÍRITO SANTO DO PINHAL	LENÇÓIS PAULISTA	REDENÇÃO DA SERRA	TAPIRATIBA	
BOCAINA	ESTIVA GERBI	LIMEIRA	RIBEIRA	TAQUARIVAÍ	
BOFETE	GAVIÃO PEIXOTO	LORENA	RIBEIRÃO BONITO	TAUBATÉ	
BOM SUCESSO DE ITARARÉ	GUAPIARA	LUÍS ANTONIO	RIBEIRÃO BRANCO	TORRINHA	
BOREBI	GUARAREMA	MATA ROMA	ROSEIRA	TREMEMBÉ	
BOTUCATU	GUARATINGUETÁ	MOCOCA	SALESÓPOLIS	URBANO SANTOS	