

Scheduled Report - public distribution

Date: 7/1/1999 GAIN Report #BR9014

# Brazil

# Tobacco

# **Tobacco Annual Report**

1999

Prepared by: **Marcus E. Lower, Agricultural Trade Officer ATO Sao Paulo** Drafted by: **Sergio Barros, Agricultural Specialist** 

**Report Highlights:** 

Total 1999 Brazilian unmanufactured tobacco production estimate revised upward to 569,000 mt, farm sales wight, due to higher than expected yields in southern Brazil. No official forecast for MY 2000 has been done, but crop area is likely to drop as a result of higher product availability on the market. The 1999 tobacco producers price had a 5 percent increase and negotiations between producers and processing companies were tense. Total unmanufactured export estimates for MY 1998 and 1999 revised upward to 300,500 and 318,000 mt, respectively. Cigarette production estimate for MY 1998 adjusted downward to 170 billion pieces. Production forecast for MY 1999 at 175 billion pieces.

> Includes PSD changes: Yes Includes Trade Matrix: No Annual Report Sao Paulo [BR3], BR

Executive Summary	1
PS&D: Unmanufactured Tobacco, Total	2
PS&D: Unmanufactured Tobacco, Flue Cured	3
PS&D: Unmanufactured Tobacco, Burley	4
PS&D: Unmanufactured Tobacco, Light Air Cured	5
PS&D: Unmanufactured Tobacco, Dark Air Cured, Cigar	
PS&D: Unmanufactured Tobacco, Dark Air and Sun Cured	7
Production	8
General	
Crop Area	9
Inputs	. 11
Yields	
Weather Patterns	
Quality	
Cost of Production	
Prices	. 15
Others	
Consumption	
Utilization Patterns	
Trade	
Exports	
Imports	
Stocks	
Policy	
PS&D: Manufactured Tobacco, Cigarettes	
Production	
Consumption	
Prices	
Trade	
Exports	
Imports	
Policy	
Exchange Rate	. 30

### **Executive Summary**

Agricultural Trade Office (ATO)/Sao Paulo has revised upward total Brazilian unmanufactured tobacco production for marketing year (MY) 1999 (Jan-Dec) to 569,000 metric tons (mt), farm sales weight (FSW), an 8 percent increase compared to the previous projection and 27 percent higher compared to past season, primarily due to higher than expected yields in southern producing region. Fairly normal weather conditions and good crop management resulted in the higher than projected yields. ATO/Sao Paulo estimates total MY 1999 planted area at 338,000 hectares (ha), a 2 percent increase compared to previous projection, due to an upward revision in area planted to cigarette leaf and twist tobacco in the Northeast. No forecast for MY 2000 area planted to tobacco has been done, but both producers and processors have the common impression that the 1999/2000 crop area will be smaller than the current season, due to the higher availability of the product on the market.

Total 1999 production costs had a 22 percent drop in dollar terms compared to 1998, since new technical coefficients were applied to the established cost structure. Tobacco producer price negotiation for the 1998/99 crop was a polemic issue between southern producers and tobacco companies. Since no agreement had been reached during the meetings between both parties, the industry set a 5 percent increase in local currency, Real, compared to the previous crop price, as announced in February 1998.

Total unmanufactured tobacco consumption for MY 1998 has been revised downward to 155,750 mt, a 2 percent reduction compared to previous estimate, due to lower consumption of foreign leaves. Total MY 1999 unmanufactured tobacco consumption is estimated at 159,750 mt, up 3 percent from previous year due to expected higher cigarette production.

The total Brazilian unmanufactured tobacco export estimate for MY 1998 (Jan-Dec) has been revised upward to 300,500 mt tons, a 5 percent increase compared to previous projection, based on recent information from the Brazilian Department of Foreign Trade (DECEX). ATO/Sao Paulo forecasts total unmanufactured tobacco exports for MY 1999 at 318,000 mt, a 2 percent rise compared to previous forecast and a 6 percent increase relative to MY 1998, due to higher availability of the product and lower export prices, thus increasing Brazilian competitiveness in international markets.

ATO/Sao Paulo has adjusted downward MY 1998 Brazilian cigarette production to 170 billion pieces, a 2 percent decrease compared to previous estimate, based on recent industry information. The MY 1999 Brazilian cigarette production forecast remains unchanged at 175 billion pieces. The MY 1998 Brazilian cigarette consumption estimate has been revised downward to 97 billion pieces, a 2 percent reduction from previous estimate. Cigarette consumption for MY 1999 is forecast to remain stable at 100 billion pieces. Contrabanded cigarettes, especially from Paraguay, represents the major concern for Brazilian cigarette companies. The MY 1998 total Brazilian cigarette export estimate has been adjusted downward to 73 billion pieces, a 3 percent decrease compared to previous projection, based on recent information from post contacts. Total Brazilian cigarette exports for MY 1999 are expected to increase to 75 billion pieces.

## PS&D: Unmanufactured Tobacco, Total

PSD Table						
Country	Brazil					
Commodity	Tobacco, Un	mfg., Total			(HA)(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
Market Year Begin	Old	New	Old	New	Old	New
		01/1997		01/1998		01/1999
Area Planted	329500	329500	346000	346000	332000	338000
Beginning Stocks	210700	210700	231500	231500	177050	162950
Farm Sales Weight Prod	576600	576600	447000	447000	525000	569000
Dry Weight Production	485100	485100	373150	373150	439400	476150
U.S. Leaf Imports	0	0	3000	2720	3000	2800
Other Foreign Imports	18900	18900	14350	11830	14350	12200
TOTAL Imports	18900	18900	17350	14550	17350	15000
TOTAL SUPPLY	714700	714700	622000	619200	633800	654100
Exports	319000	319000	286000	300500	312000	318000
Dom. Leaf Consumption	145300	145300	141600	141200	142400	144750
U.S. Leaf Dom. Consum.	0	0	3000	2720	3000	2800
Other Foreign Consump.	18900	18900	14350	11830	14350	12200
TOTAL Dom. Consumption	164200	164200	158950	155750	159750	159750
TOTAL Disappearance	483200	483200	444950	456250	471750	477750
Ending Stocks	231500	231500	177050	162950	162050	176350
TOTAL DISTRIBUTION	714700	714700	622000	619200	633800	654100

## PS&D: Unmanufactured Tobacco, Flue Cured

PSD Table						
Country	Brazil					
Commodity	Tobacco,Unr	nfg.,Flue Cu	ired		(HA)(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
Market Year Begin	Old	New	Old	New	Old	New
		01/1997		01/1998		01/1999
Area Planted	204000	204000	200000	200000	201500	201500
Beginning Stocks	100600	100600	116600	116600	68650	59500
Farm Sales Weight Prod	429000	429000	315000	315000	387000	425000
Dry Weight Production	369000	369000	270900	270900	332850	365500
U.S. Leaf Imports	0	0	650	575	650	600
Other Foreign Imports	6100	6100	5100	4325	5100	4400
TOTAL Imports	6100	6100	5750	4900	5750	5000
TOTAL SUPPLY	475700	475700	393250	392400	407250	430000
Exports	260000	260000	229850	239300	249850	254900
Dom. Leaf Consumption	93000	93000	89000	88700	89500	91300
U.S. Leaf Dom. Consum.	0	0	650	575	650	600
Other Foreign Consump.	6100	6100	5100	4325	5100	4400
TOTAL Dom. Consumption	99100	99100	94750	93600	95250	96300
TOTAL Disappearance	359100	359100	324600	332900	345100	351200
Ending Stocks	116600	116600	68650	59500	62150	78800
TOTAL DISTRIBUTION	475700	475700	393250	392400	407250	430000

#### Page 4 of 30

## **PS&D:** Unmanufactured Tobacco, Burley

PSD Table							
Country	Brazil						
Commodity	Tobacco, Un	mfg., Burley	1		(HA)(MT)		
	Revised	1997	Preliminary	1998	Forecast	1999	
Market Year Begin	Old	New	Old	New	Old	New	
		01/1997		01/1998		01/1999	
Area Planted	57000	57000	61000	61000	54000	54000	
Beginning Stocks	100200	100200	107900	107900	105000	101400	
Farm Sales Weight Prod	100000	100000	85000	85000	88000	90000	
Dry Weight Production	85000	85000	72250	72250	74800	76500	
U.S. Leaf Imports	0	0	1250	1075	1250	1000	
Other Foreign Imports	8000	8000	4750	4375	4750	4000	
TOTAL Imports	8000	8000	6000	5450	6000	5000	
TOTAL SUPPLY	193200	193200	186150	185600	185800	182900	
Exports	48000	48000	46000	49600	52000	52000	
Dom. Leaf Consumption	29300	29300	29150	29150	29450	30000	
U.S. Leaf Dom. Consum.	0	0	1250	1075	1250	1000	
Other Foreign Consump.	8000	8000	4750	4375	4750	4000	
TOTAL Dom. Consumption	37300	37300	35150	34600	35450	35000	
TOTAL Disappearance	85300	85300	81150	84200	87450	87000	
Ending Stocks	107900	107900	105000	101400	98350	95900	
TOTAL DISTRIBUTION	193200	193200	186150	185600	185800	182900	

## PS&D: Unmanufactured Tobacco, Light Air Cured

PSD Table						
Country	Brazil					
Commodity	Unmfg., Ligł	nt Air Cured			(HA)(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
Market Year Begin	Old	New	Old	New	Old	New
		01/1997		01/1998		01/1999
Area Planted	5000	5000	3500	3500	3000	3000
Beginning Stocks	1000	1000	1500	1500	400	400
Farm Sales Weight Prod	9000	9000	4000	4000	5000	5000
Dry Weight Production	7500	7500	3400	3400	4250	4250
U.S. Leaf Imports	0	0	0	0	0	0
Other Foreign Imports	0	0	0	0	0	0
TOTAL Imports	0	0	0	0	0	0
TOTAL SUPPLY	8500	8500	4900	4900	4650	4650
Exports	2000	2000	800	900	800	900
Dom. Leaf Consumption	5000	5000	3700	3600	3700	3700
U.S. Leaf Dom. Consum.	0	0	0	0	0	0
Other Foreign Consump.	0	0	0	0	0	0
TOTAL Dom. Consumption	5000	5000	3700	3600	3700	3700
TOTAL Disappearance	7000	7000	4500	4500	4500	4600
Ending Stocks	1500	1500	400	400	150	50
TOTAL DISTRIBUTION	8500	8500	4900	4900	4650	4650

## PS&D: Unmanufactured Tobacco, Dark Air Cured, Cigar

PSD Table						
Country	Brazil					
Commodity	Unmfg.,Dark	Air Cured,	Cigar		(HA)(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
Market Year Begin	Old	New	Old	New	Old	New
		01/1997		01/1998		01/1999
Area Planted	4500	4500	5500	5500	5000	5000
Beginning Stocks	2800	2800	1200	1200	1000	1150
Farm Sales Weight Prod	3000	3000	5500	5500	5500	5500
Dry Weight Production	2400	2400	4400	4400	4400	4400
U.S. Leaf Imports	0	0	0	0	0	0
Other Foreign Imports	0	0	0	0	0	0
TOTAL Imports	0	0	0	0	0	0
TOTAL SUPPLY	5200	5200	5600	5600	5400	5550
Exports	3000	3000	3350	3200	3350	3200
Dom. Leaf Consumption	1000	1000	1250	1250	1250	1250
U.S. Leaf Dom. Consum.	0	0	0	0	0	0
Other Foreign Consump.	0	0	0	0	0	0
TOTAL Dom. Consumption	1000	1000	1250	1250	1250	1250
TOTAL Disappearance	4000	4000	4600	4450	4600	4450
Ending Stocks	1200	1200	1000	1150	800	1100
TOTAL DISTRIBUTION	5200	5200	5600	5600	5400	5550

## PS&D: Unmanufactured Tobacco, Dark Air and Sun Cured

PSD Table						
Country	Brazil					
Commodity	Unmfg.,Dark	Air & Sun	Cured		(HA)(MT)	
	Revised	1997	Preliminary	1998	Forecast	1999
Market Year Begin	Old	New	Old	New	Old	New
		01/1997		01/1998		01/1999
Area Planted	59000	59000	76000	76000	68500	74500
Beginning Stocks	6100	6100	4300	4300	2000	500
Farm Sales Weight Prod	35600	35600	37500	37500	39500	43500
Dry Weight Production	21200	21200	22200	22200	23100	25500
U.S. Leaf Imports	0	0	1100	1070	1100	1200
Other Foreign Imports	4800	4800	4500	3130	4500	3800
TOTAL Imports	4800	4800	5600	4200	5600	5000
TOTAL SUPPLY	32100	32100	32100	30700	30700	31000
Exports	6000	6000	6000	7500	6000	7000
Dom. Leaf Consumption	17000	17000	18500	18500	18500	18500
U.S. Leaf Dom. Consum.	0	0	1100	1070	1100	1200
Other Foreign Consump.	4800	4800	4500	3130	4500	3800
TOTAL Dom. Consumption	21800	21800	24100	22700	24100	23500
TOTAL Disappearance	27800	27800	30100	30200	30100	30500
Ending Stocks	4300	4300	2000	500	600	500
TOTAL DISTRIBUTION	32100	32100	32100	30700	30700	31000

#### General

Agricultural Trade Office (ATO)/Sao Paulo has revised upward total Brazilian unmanufactured tobacco production for marketing year (MY) 1999 (Jan-Dec) to 569,000 metric tons (mt), farm sales weight (FSW), an 8 percent increase compared to the previous projection and 27 percent higher compared to past season, primarily due to higher than expected yields in southern producing region. Total southern production should contribute 520,000 mt (FSW), 40,000 mt more than previously estimated, while northeastern Brazil should account for 49,000 mt (FSW).

In spite of the fact that some areas in southern Brazil were negatively affected by earlier than normal seedling transplanting (10 to 20 days), fairly normal weather conditions and good crop management resulted in the higher than projected yields. The southern 1998/99 harvest was over in March and approximately 90 percent of the product has already been marketed.

The 1999 northeastern crop is forecast to yield an extra 6,000 mt of dark air and sun cured tobacco compared to previous season, assuming favorable weather conditions and regular yields. Producers in the Arapiraca region in the state of Alagoas were stimulated by good 1998 prices to maintain area planted to tobacco relatively stable. The harvest should start in August/September.

The ATO/Sao Paulo estimate for MY 1998 Brazilian unmanufactured tobacco production remains unchanged at 447,000 mt (FSW). The southern region accounted for 404,000 mt (FSW), whereas the remainder came from the Northeast. The table below shows Brazilian tobacco production estimates for MY 1997, MY 1998, MY 1999 for southern and northeastern Brazil by type of tobacco.

Total Brazilian Tobacco Area an	d Production (	(1,000 ha, 1,0	00 mt, FSW)			
Region/Type		Area			Production	
	1997	1998	1999	1997	1998	1999
South Brazil	266	264.5	258.5	538	404	520
Flue Cured, Virginia	202	200	201.5	425	315	425
Flue Cured, Amarelinho	2	0	0	4	0	0
Burley	57	61	54	100	85	90
Light Air Cured	5	3.5	3	9	4	5
Northeast Brazil	63.5	81.5	79.5	38.6	43	49
Cigar Leaf	4.5	5.5	5	3	5.5	5.5
Cigarette Leaf	28	36.5	36	16.6	16	18
Other (Twist)	31	39.5	38.5	19	21.5	25.5
Total Brazil	329.5	346	338	576.6	447	569.0

#### **Crop Area**

The previous table shows Brazilian area planted to tobacco for MY 1997, MY 1998 and MY 1999. ATO/Sao Paulo estimates total MY 1999 planted area at 338,000 hectares (ha), a 2 percent increase compared to previous projection. The increase is related to an upward revision in area planted to cigarette leaf and twist tobacco in the Northeast. Post's estimate for area planted to tobacco for MY 1998 remain unchanged at 346,000 ha. No forecast for MY 2000 area planted to tobacco has been done, but both producers and processors have the common impression that the 1999/2000 crop area will be smaller than the current season, due to the higher availability of the product on the market.

The number of tobacco growers and curing barns in southern Brazil, as reported by the Brazilian Tobacco Growers Association (AFUBRA), follow. Note that MY 1999 figures show a 2 percent reduction in the number of growers eligible to plant tobacco in the integrated system adopted by tobacco processing companies. This system reflects the partnership between growers and tobacco companies, which provide the producers with seeds, fertilizers, pesticides, supplies (plastic bags), and facilitate financing. Companies also offer growers technical assistance and guidance. The reduction in the number of tobacco growers is related to tobacco companies planning processes which set the area to be cultivated for each season based on projected requirements.

Number of Tobacco Produ	cers and Curing Bar	ns, South Bra	zil				
Туре		Producers			Barns		
	1997	1998	1999	1997	1998	1999	
Rio Grande Sul	72190	71820	70540	65890	65820	64640	
VI	55150	54120	53160	65470	65810	64640	
AM	410	10		420	10		
BY	14420	15910	15630				
СО	2210	1780	1750				
Santa Catarina	65060	65580	61890	41820	40650	38350	
VI	34950	33310	31440	41390	40640	38350	
AM	410	10		430	10		
BY	28240	30940	29200				
СО	1460	1320	1250				
Parana	23310	21580	22740	14460	13140	13840	
VI	12280	11650	12280	13470	13130	13840	
AM	970	10		990	10		
BY	9010	8940	9430				
СО	1050	980	1030				
South Brazil	160560	158980	155170	122170	119610	116830	
VI	102380	99080	96880	120330	119580	116830	
AM	1790	30		1840	30		
BY	51670	55790	54260				
СО	4720	4080	4030				
Source: Brazilian Tobacco	Growers Association	on (AFUBRA	).				
Note: VI - Flue Cured Virg	ginia, AM - Flue Cur	ed Amarelin	no, BY - Burl	ley, CO - Gal	pao Comum.		

According to the 1998/99 AFUBRA survey, the average area planted to tobacco on a farm was 2.4 hectares, representing approximately 14.6 percent of the total area of the farm. The table below shows the patterns of land utilization on typical farm in southern Brazil. As reported by AFUBRA, all other activities are mainly for family subsistence. The survey, as shown below, also points out the number of tobacco growers by size of farm, indicating that 28.6 percent of the growers do not have a property of their own, and 28.8 percent of the growers have fewer than 10 hectares, indicating that the tobacco crop is mainly planted by small growers.

Average farm size and crop area, South Brazil, 1998/99 crop.					
Specification	Area (ha)	%			
Tobacco	2.4	14.6			
Annual crops	3.4	20.7			
Perennial crops	0.7	4.3			
Grazing area	3.1	18.9			
Forestry	4.7	28.7			
Other	2.1	12.8			
Total	16.4	100.0			
Source: Brazilian Tobacco	Growers Association (	(AFUBRA)			

Tobacco Producers and Size of Farms, South Brazil, 1998/99.					
Size (ha)	Producers	%			
0	44,334	28.6			
01 to 10 ha	44,727	28.8			
11 to 20 ha	37,819	24.4			
21 to 30 ha	17,678	11.4			
31 to 50 ha	7,878	5.1			
more than 50 ha	2,734	1.8			
Total	155,170	100			
Source: Brazilian Tobacco Growers Association (AFUBRA)					

#### Inputs

The level of input utilization for the 1998/99 crop in southern Brazil remained at normal levels. The major pesticides (active ingredient) recommended by tobacco companies to be used in the seedbeds are methyl bromide (fumigant), dazomet (fumigant), mancozeb (fungicide), iprodione (fungicide) and copper oxid (fungicide/algicide). Major pesticides and herbicides (active ingredient) to be used in the fields are imidacloprid (insecticide), acephate (insecticide), chlorphyripos (insecticide), flumetralin (suckercide) and butralin (suckercide). As reported by post contacts, all products are approved for use both in Brazil and other countries, since local tobacco companies follow the regulations set by international markets such as the United States and the European Union.

According to a survey conducted by the Brazilian Tobacco Trade Association (SINDIFUMO), the level of utilization of pesticides has steadily decreased. The tables below show the amount of active ingredient (kilogram) used per hectare during the second half of the eighties, mid-nineties and currently, as well as future targets pursued by tobacco companies. Note the level of herbicides increased as no-till practices have been incorporated by tobacco growers.

Pesticides and Herbicides Utilization in the Fields (active ingredient, kg/ha).								
	late 1980's	mid-1990's	1999	from 2000 on	Target			
Insecticide at Transplanting	2.62	0.80	0.80	0.45	0.53			
Field Spraying	3.00	1.17	0.58	biological	biological			
Herbicide		0.50	0.50	0.50	1.00			
Suckercide	15.80	0.37	0.37	0.37				
Total	21.42	2.84	2.23	0.95	1.53			
Number of Applications	7	6	4	3	3			
Source: Brazilian Tobacco Trade Association (SINDIFUMO).								

	late 1980's	mid-1990's	1999	from 2000 on	Target
Soil Fumigate	2.90	2.90	1.16 *		
Fungicide	2.10	0.23	0.10	0.03 **	0.03 **
Insecticide	0.08	0.04	0.01	0.01	0.01
Total	5.08	3.17	1.27	0.04	0.04
Number of Applications	9	8	4	3	3
Source: Brazilian Tobacco Trade		,	4	3	3
<sup>k</sup> 60 percent of methyl bromide) h	has already been replace	ed. ** eventua	al biological	control.	

#### Yields

Tobacco yields for southern and northeastern Brazil, as well as tobacco yields by variety follow. Southern tobacco yields for MY 1999 are estimated at 2,011 kilogram (kg) per hectare, since fairly normal weather conditions and good crop management resulted in above average crop yields. Northeastern tobacco yield for the 1999 crop is projected at 616 kg/ha, if regular weather conditions prevail.

Tobacco Yields, South and Northeast Region (kg/ha, FSW).						
Year	South	Northea	ist			
1995		1700	946			
1996		1758	746			
1997		2023	608			
1998		1527	528			
1999		2012	616			

Tobacco Yields by Type (kg/ha, FSV	V).				
Туре	1995	1996	1997	1998	1999
Flue Cured, Virginia	1806	1820	2104	1575	2109
Flue Cured, Amarelinho	1800	2000	2000		
Burley	1293	1522	1754	1393	1667
Light Air	1500	1667	1800	1143	1667
Cigar Leaf	1667	1500	667	1000	1100
Cigarette Leaf	960	571	593	438	662
Twist tobacco	857	806	613	544	616

#### Weather Patterns

The tables below show rainfall and temperature data as reported by AFUBRA for the Santa Cruz do Sul region, one of the major tobacco producing regions in southern Brazilian state of Rio Grande do Sul (RS), according to AFUBRA.

Rainfall data -	Rainfall data - Santa Cruz do Sul, RS (mm)							
Month	1995	1996	1997	1998	1999	Avg 75/98		
January	145.5	348.0	102.0	161.0	165	102.7		
February	178.5	138.5	258.0	189.0	188	91.7		
March	94.0	65.0	23.0	114.0	42	92.6		
April	60.5	133.5	56.5	198.5	168	100.6		
May	58.0	13.0	66.0	162.0		80.0		
June	166.5	152.5	93.5	110.0		126.5		
July	284.0	21.0	111.0	207.0		109.3		
August	156.0	170.0	173.0	201.0		107.4		
September	165.0	77.5	109.5	209.0		126.1		
October	50.5	135.0	360.5	70.5		119.4		
November	27.0	53.0	190.0	88.5		128.3		
December	104.0	112.0	411.5	118.0		95.5		
Total	1,489.5	1,419.0	1,954.5	1,828.5	563.0	1,280.1		
Source: Brazil	ian Tobacco C	rowers Assoc	iation (AFUBI	RA).				

Temperature I	Femperature Data - Santa Cruz do Sul, RS (degree Celsius).											
Month		1997		_	1998			1999		Average	e 75/98	
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
January	35.1	20.4	27.8	32.9	20.6	26.8	40.0	14.0	29.0	42.0	12.0	26.7
February	30.8	20.1	25.5	30.8	20.5	25.7	35.0	16.0	25.6	42.0	11.0	26.4
March	29.4	16.0	22.7	29.1	18.1	23.6	39.0	16.0	27.7	46.0	9.0	25.0
April	26.6	13.3	20.0	25.3	16.6	21.0	32.0	8.0	20.3	39.0	6.0	15.1
May	21.9	10.9	16.4	31.0	9.0	18.1				36.0	(1.0)	12.3
June	18.9	9.3	14.1	25.0	5.0	14.9				39.0	(2.0)	10.7
July	20.5	10.7	15.6	27.0	7.0	16.7				37.0	(1.0)	11.1
August	23.0	11.2	17.1	26.0	6.0	16.9				36.0	1.0	11.5
September	23.3	12.3	17.8	30.0	9.0	18.1				38.0	1.0	12.7
October	23.9	14.7	19.3	36.0	10.0	21.5				40.0	4.0	14.7
November	28.7	17.8	23.3	36.0	10.0	23.9				43.0	9.0	16.4
December	33.1	19.8	26.5	37.0	13.0	25.1				41.0	8.0	18.0
Total	26.3	14.7	20.5	30.5	12.1	21.0				46.0	(2.0)	20.8
Source: Brazil	lian Toba	acco Gro	owers As	ssociatio	n (AFU	BRA).						

#### Quality

According to post contacts, the quality of the 1998/99 southern crop is average, but worse than the past season due to some weather related problems during leaf development. Producers reported that tobacco companies have been quite strict concerning the classification of the product, thus lowering average 1998/99 tobacco prices.

#### **Cost of Production**

The cost of production breakdown for MY 1998 and 1999 for flue cured Virginia follows. Total 1999 costs had a 22 percent drop in dollar terms compared to 1998, since new technical coefficients were applied to the established cost structure. Note that labor costs had a 31 percent decrease due to technological improvements such as the use of machines to process the products after harvest and no-till operations. The progressive devaluation of the domestic currency, Real, in 1998 also partially contributed to a reduction in costs in dollar terms.. Figures shown were calculated before the adoption of the floating exchange system by the Brazilian Government on January 19, 1999.

Estimated Production Costs, Flue Cu	red Virginia (US	\$/ha).	
Item	1998	1999	% CHNG
Variable Costs	3,157.65	2,325.68	(26.3)
Labor	2,018.9	1,399.2	(30.7)
Livestock	32.4	35.6	9.8
Machinery & Implement	42.3	34.4	(18.8)
Infrastructure	28.8	40.9	41.9
Inputs	454.0	436.2	(3.9)
Firewood	351.4	206.7	(41.2)
Production Insurance	80.2	91.8	14.5
Funrural (Social Tax)	99.1	76.3	(23.0)
Eletric Energy		4.6	
Financing Costs	50.4		
Fixed Costs	152.25	235.73	54.8
Liming	19.8	15.0	(24.1)
Depreciation			
Machinery/Livestock	16.2	37.6	131.7
Implement	61.3	84.2	37.4
Infrastructure	55.0	99.0	80.1
Total Costs	3,309.90	2,561.41	(22.6)
Assumed yield (Kg/Ha)	2,030	1,983	
Ave. Variable Cost (US\$/Kg)	1.56	1.17	(24.6)
Ave. Total Cost (US\$/Kg)	1.63	1.29	(20.8)
Source: Brazilian Tobacco Growers A	Association (AFU	JBRA).	
Rate of exchange: R\$ 1.11/US\$1.00 f	for 1998, R\$ 1.20	/US\$1.00 for 1	999.

#### Prices

Tobacco price negotiation for the 1998/99 crop was a polemic issue between southern producers and tobacco companies. Since no agreement had been reached during the meetings between both parties, the industry set a 5 percent increase in local currency, Real, compared to the previous crop price, as announced in February 1998. The major agricultural entities, such as AFUBRA, and agricultural federations of southern states pressed for a higher increase, but the industry advocated that: (1) production costs had a average 15 percent drop compared to previous years; (2) 1998/99 yields are higher than previous crop contributing to increase producers income; and, (3) the supposed benefit related to the devaluation of the Real in January 1999 was adsorbed by a steady decrease in tobacco prices in international markets, higher taxes and higher industrial costs. In addition, tobacco prices have always been negotiated in local currency and not US dollars and industry representatives claim that although the domestic currency was over valued during the 1994/1998 period, no reductions in prices occurred.

The price setting system evolved into a political campaign issue as representatives of the landless movement --

"Movimento dos Sem Terra", MST -- embraced the cause and camped in the industrial area of Santa Cruz do Sul, where several tobacco companies are located. There was even an attempt to invade the Souza Cruz plant. However, as reported by post contacts, most of the growers delivered the product to the processing plants and the political tension eased. Tobacco prices by grade for MY 1999 and the average prices received by producers for MY 1998 and 1999 follow.

	Virginia		Virginia		Burley	Comum
Grade	US\$/Kg	Grade	US\$/Kg	Grade	US\$/Kg	US\$/Kg
T01	2.06	CL1	1.63	T1	1.85	
T02	1.75	CL2	1.38	T2	1.62	(
T03	1.54	CL3	0.91	T2L	1.28	(
TR1	1.67	CR1	1.52	T3	1.19	
TR2	1.14	CR2	1.08	T3L	1.04	
TR3	0.67	CR3	0.68	TK	0.77	(
TL1	1.34	C2K	0.87	B1	1.93	
TL2	1.08	C3K	0.50	B1L	1.73	
TL3	0.62	X01	1.82	B2	1.65	1
TK2	0.83	X02	1.55	B2L	1.44	1
TK3	0.46	X03	1.32	B3	1.35	(
B01	2.16	XL1	1.45	B3L	1.12	(
B02	1.89	XL2	1.23	BK	0.97	(
B03	1.58	XL3	0.73	C1	1.85	
BR1	1.76	XR1	1.43	C1L	1.70	
BR2	1.28	XR2	0.88	C2	1.62	1
BR3	0.87	XR3	0.53	C2L	1.43	1
BL1	1.63	X2K	0.63	C3	1.32	1
BL2	1.38	X3K	0.41	C3L	1.08	1
BL3	0.87	G2	0.83	СК	0.97	(
B2K	1.08	G3	0.20	X1	1.72	
B3K	0.54	SC	0.20	X1L	1.63	
C01	2.08	ST	0.13	X2	1.46	(
C02	1.84			X2L	1.37	(
C03	1.53			X3	1.19	
				X3L	1.08	
			Γ	XK	0.87	(
			Γ	Ν	0.34	(
			<b>Г</b>	G	0.16	(
rce: Brazil	ian Tobacco Grov	wers Associat	tion (AFUBRA).			

Average South Tobacco Producer Prices by Type (US\$/kg).							
Туре	MY 1998	MY 1999	% CHNG				
Flue-cured Virginia	1.70	1.1	-35.3				
Burley	1.60	1.03	-35.6				
Light air-cured (Galpao)	1.05	0.69	-34.3				
Average Price 1.67 1.09 -34.7							
Source: Brazilian Tobacco Growers Association (AFUBRA).							

#### Others

Farm sales weight (FSW) data in this report are converted to dry weight based on the following conversion factors.

Conversion Factors	
Туре	%
Flue cured	86
Burley/Light air cured	85
Cigar leaf	80
Dark cigarette Leaf/Twist	60

### Consumption

Total unmanufactured tobacco consumption for MY 1998 has been revised downward to 155,750 mt, a 2 percent reduction compared to previous estimate, due to lower consumption of foreign leaves. Total MY 1999 unmanufactured tobacco consumption is estimated at 159,750 metric tons, a 3 percent increase compared to previous season due to expected higher cigarette production. Note that tobacco consumption data in this report are based on cigarette production plus an estimate for twist tobacco and cigars. The conversion factor used in 0.8 grams of unmanufactured tobacco per cigarette consumed.

#### **Utilization Patterns**

Flue cured and light air cured tobaccos are used to manufacture most cigarettes in Brazil. Burley is used mainly in blends to improve taste of domestic cigarettes.

### Trade

#### Exports

The total Brazilian unmanufactured tobacco export estimate for MY 1998 (Jan-Dec) has been revised upward to 300,500 mt tons, a 5 percent increase compared to previous projection, based on recent information from the Brazilian Department of Foreign Trade (DECEX). ATO/Sao Paulo forecasts total unmanufactured tobacco exports for MY 1999 at 318,000 mt, a 2 percent raise compared to previous forecast and a 6 percent increase compared to MY 1998, due to higher availability of the product and lower export prices, thus increasing Brazilian competitiveness in international markets. The tables below show total Brazilian unmanufactured tobacco exports for MY 1997 and 1998 (Jan-Dec) by type of product and by country of destination as reported by DECEX.

Destination	199′	7	1998		
	Quantity	Value	Quantity	Value	
Morocco	925	1,390	250	450	
Netherlands	408	1,791	180	2,141	
Tunisia			150	300	
Denmark	302	1,087	147	675	
Germany	329	1,567	37	208	
Philippines	188	752	19	70	
Dominican Rep.	19	92	11	173	
Indonesia			9	207	
France	1,125	2,996	6	194	
Switzerland	12	232	4	111	
United States	129	1,166			
Others	2,505	4,942	8	98	
Total	5,943	16,015	821	4,627	

Destination	199	97	1998		
	Quantity	Value	Quantity	Value	
France			207	403	
Germany			78	1,174	
Netherlands			50	849	
Dominican Rep.			29	27	
United States	71	234	6	86	
Spain			3	49	
Total	71	234	374	2,588	

Unmanufactured Tobacco I Not stemmed, leaf, flue cur	<b>1</b>		,				
Destination	199		1998				
	Quantity	Value	Quantity	Value			
Netherlands	4,991	17,780	3,458	11,669			
Uruguay	2,627	7,173	2,580	6,526			
South Africa	1,991	6,989	2,291	6,863			
Taiwan	316	1,174	960	3,017			
Morocco			948	3,307			
Belgium	713	2,540	528	1,857			
China	1,195	4,755	438	1,687			
Norway	1,023	4,646	348	1,598			
Paraguay	120	254	200	430			
United States	94	281	59	244			
Others	2,126	8,083	878	3,125			
Total	15,197	53,676	12,687	40,322			
Source: Brazilian Department of Foreign Trade (DECEX). Note: "0" less than 500 Kg or US\$ 500, "" no trade.							

Unmanufactured Tobacco E Not stemmed, leaf, Burley &	<b>1</b>		,	
Destination	1997 1998			
	Quantity	Value	Quantity	Value
14			100	1 0 5 1

Destination	199	97	19	98
	Quantity	Value	Quantity	Value
Morocco			400	1,254
Uruguay	200	578	350	965
Chile			254	1,207
Netherlands	39	106	57	152
Belgium	241	621	49	143
Switzerland	50	386	28	219
Germany	19	53	19	51
United Kingdom			0	0
Dominican Republic	2	26		
United States	8	177		
Portugal	0	8		
Total	559	1,955	1,157	3,992
Source: Brazilian Departme Note: "0" less than 500 Kg	U	,	K).	

Destination	199	7	1998	
	Quantity	Value	Quantity	Value
Spain	1,154	2,173	3,509	6,515
France	1,090	2,561	1,089	2,311
Netherlands	810	2,501	1,020	4,457
Morocco	125	292	865	2,313
Germany	563	1,907	677	3,213
Egypt			375	450
Belgium	464	1,473	363	1,563
Argelia			300	435
Uruguay	370	1,091	300	825
Tunisia	450	1,234	225	491
United States	476	665	1	11
Others	969	3,497	690	3,311
Total	6,471	17,396	9,414	25,896

Destination	199	1997		1998	
	Quantity	Value	Quantity	Value	
Indonesia	69	1,440	122	2,028	
United States	461	1,488	9	53	
Germany	7	61	7	124	
Dominican Rep.	41	309			
United Kingdom	89	280			
Netherlands	13	87			
Honduras	7	51			
New Zealand	5	23			
Belgium	6	17			
Total	699	3,755	137	2,204	

Destination	199	7	1998	
	Quantity	Value	Quantity	Value
United Kingdom	24,578	108,521	25,904	106,659
Germany	24,135	113,572	24,314	106,104
United States	36,279	152,478	19,886	77,345
Japan	14,969	62,698	13,352	57,341
Egypt	317	1,223	9,156	31,521
Philippines	5,821	27,465	7,399	27,770
Italy	5,325	24,866	5,847	24,842
Belgium	14,366	62,526	4,889	19,913
Netherlands	5,060	23,004	4,691	20,741
Spain	2,959	15,699	3,428	15,010
Paraguay	3,438	10,426	3,345	9,533
Others	48,969	212,938	44,024	183,399
Total	186,214	815,416	166,235	680,177

Destination	199′	7	1998	
	Quantity	Value	Quantity	Value
Germany	4,106	18,321	8,350	32,227
United States	14,844	63,672	7,117	29,632
Spain	1,638	8,393	2,981	11,390
Japan	2,142	8,833	2,473	10,251
Belgium	1,774	7,595	2,370	10,035
Netherlands	365	1,660	1,247	5,357
Mexico	998	3,247	1,072	4,313
Paraguay	905	2,958	1,038	3,292
Switzerland	353	1,938	825	3,812
United Kingdom	282	1,391	752	3,363
Portugal	240	1,080	557	2,386
Others	4,735	20,436	4,513	17,879
Total	32,381	139,523	33,295	133,935

Destination	199	7	1998	
	Quantity	Value	Quantity	Value
United States	150	329	439	1,261
Germany	130	475	113	354
Dominican Rep.	143	1,271	110	1,203
Netherlands	76	629	81	967
Spain	65	529	65	639
United Kingdom	47	141	38	142
Belgium	85	303	35	148
Honduras	12	47	18	70
Cuba			9	21
New Zealand	3	12	5	24
Others	66	270	1	14
Total	778	4,007	914	4,843

Destination	199	7	199	8
	Quantity	Value	Quantity	Value
United States	20,843	7,723	23,149	7,843
United Kingdom	10,468	6,851	14,457	9,047
Germany	8,185	5,018	10,230	7,035
Japan	3,447	2,409	3,618	2,511
Egypt	1,096	438	2,591	1,009
Canada	2,334	1,675	2,012	1,534
Switzerland	53	39	1,907	778
Venezuela	2,306	858	1,923	666
Paraguay	1,610	1,249	1,761	949
Australia	921	538	1,314	796
Others	19,407	12,619	12,518	9,014

Source: Brazilian Department of Foreign Trade (DECEX). Note: "0" less than 500 Kg or US\$ 500, "--" no trade.

70,670

#### Imports

Total

The ATO/Sao Paulo estimate for MY 1998 total unmanufactered tobacco imports has been revised downward to 14,550 mt, a 2,800 mt drop compared to previous projections, based on official trade data. ATO/Sao Paulo forecasts total unmanufactured tobacco imports for MY 1999 at 15,000 mt. Total Brazilian unmanufactured tobacco imports for MY 1997 and 1998 (Jan-Dec) by type of product and country of origin, as reported by DECEX, follow.

39,418

75,479

41,182

Origin	1997		1,998	
	Quantity	Value	Quantity	Value
Argentina	2,011	7,050	1,617	3,421
Belgium			1,076	4,742
Italy	983	2,510	983	2,258
United States			576	2,257
Switzerland	1,939	8,948	280	1,546
France			68	314
Zimbabwe	956	4,259		
Total	5,889	22,768	4,600	14,538

Origin	1997		1,998	
	Quantity	Value	Quantity	Value
Belgium			1,815	6,883
Argentina	3,072	12,824	1,178	5,256
United States			1,073	3,904
Ireland	1,077	4,249	796	2,896
Switzerland	1,698	6,312	374	1,478
France			109	441
Zambia			89	227
Malawi	698	2,870		
Chile	438	1,858		
Italy	540	1,685		
Others	426	1,277		
Total	7,950	31,076	5,434	21,084

Origin	1997		1,998	
	Quantity	Value	Quantity	Value
Belgium			2,065	7,531
United States			1,069	4,198
Switzerland	2,075	6,728	452	1,314
Greece			226	452
Indonesia	160	219	172	259
France			167	571
Turkey	1,250	4,031		
Others	245	801		
Total	3,730	11,778	4,150	14,326

### Stocks

The MY 1998 unmanufactured tobacco ending stocks estimate has been revised downward to 162,950 mainly due increased exports. Unmanufactured tobacco ending stocks for MY 1999 are forecast at 176,350 mt, an 8 percent increase do to higher availability of the product. Actual stock data are not available.

## Policy

The MERCOSUL Common External Tariff Schedule follows. MERCOSUL represents a trade pact among Brazil, Argentina, Uruguay and Paraguay.

	nufactured Tobacco - Common External Tariff	
NCM	Description	Tariff
	Not stemmed, leaf	
2401.10.10	Not dried/fermented	17
2401.10.20	Wrapper, dried/ferm.	17
2401.10.30	Dried, Flue cured, Virginia type	17
2401.10.40	Dried, volatile content over 0.2%	13
2401.10.90	Others	17
	Partly/Wholly stemmed, leaf	
2401.20.10	Not dried/fermented	17
2401.20.20	Wrapper, dried/ferm.	17
2401.20.30	Dried, Virginia type	17
2401.20.40	Dried, Burley type	17
2401.20.90	Other	17
2401.30.00	Tobacco refuse	17
Source: Brazilian	n Department of Foreign Trade (DECEX).	

### **PS&D:** Manufactured Tobacco, Cigarettes

PSD Table						
Country	Brazil					
Commodity	Tobacco, Mi	fg., Cigarette	(MIL PCS)			
	Revised	1997	Preliminary	1998	Forecast	1999
Market Year Begin	Old	New	Old	New	Old	New
		01/997		01/1998		01/1999
Filter Production	182800	182800	174000	170000	175000	175000
Non-Filter Production	0	0	0	0	0	0
TOTAL Production	182800	182800	174000	170000	175000	175000
Imports	0	0	0	0	0	0
TOTAL SUPPLY	182800	182800	174000	170000	175000	175000
Exports	72500	72500	75000	73000	75000	75000
Domestic Consumption	110300	110300	99000	97000	100000	100000
TOTAL DISTRIBUTION	182800	182800	174000	170000	175000	175000

### Production

ATO/Sao Paulo has adjusted downward MY 1998 Brazilian cigarette production estimate to 170 billion pieces, a 2 percent decrease compared to previous figure, based on recent industry information. The MY 1999 Brazilian cigarette production forecast remains unchanged at 175 billion pieces.

## Consumption

The ATO/Sao Paulo estimate for MY 1998 Brazilian cigarette consumption has been revised downward to 97 billion pieces, a 2 percent reduction from previous estimate. Cigarette consumption for MY 1999 is forecast to remain stable at 100 billion pieces. Contrabanded cigarettes, especially from Paraguay, which are marketed at significantly lower prices compared to domestic sales, represents the major concern for Brazilian cigarette companies.

#### Prices

Brazilian cigarettes are divided into 7 categories: from A (least expensive) to G (most expensive). Retail cigarette prices per pack of 20 pieces follow:

Retail Cigarette Prices (Reais, R\$) 1/						
Philip Morris						
Category	Oct 10	May 5	Sep 25			
	1995	1996	1997			
G	2.05					
F	1.80	1.95	2.15			
Е	1.55	1.70	1.80			
D	1.35	1.50	1.60			
С	1.20	1.30	1.40			
В	1.05	1.15	1.25			
А	0.90	1.00	1.10			
Souza Cruz (H	BAT) 2/					
Category	May 7	Sep 22	May 5			
	1996	1997	1998			
G	2.25	2.50	2.50			
F	2.00	2.20	2.20			
Е	1.70	1.80	1.80			
E D	1.50	1.60	1.60			
a						
С	1.30	1.40	1.40			
C B	1.30 1.15	1.40 1.25	1.40 1.25			
B A	1.15	1.25 1.10	1.25 1.10			
B A 1/See Exchan, currency is the	1.151.00ge Rate Section	1.25 1.10 for conversio	1.25 1.10 n. Local			

### Trade

#### Exports

The MY 1998 total Brazilian cigarette export estimate has been adjusted downward to 73 billion pieces, a 3 percent decrease compared to previous projection, based on recent information from post contacts. Total Brazilian cigarette export forecast for MY 1999 remains unchanged at 75 billion pieces. Total Brazilian manufactured tobacco exports for MY 1997 and 1998 (Jan-Dec) by type of product and country of destination, as reported by DECEX, follow.

Destination	ports (Million, MT & 1,000 US\$ FOB). C 1997			1998		
	Units	Quantity	Value	Units	Quantity	Value
Paraguay	18,020	19,436	156,532	17,680	18,388	174,179
Belgium	22,923	29,454	152,791	16,507	22,113	116,563
Russia Rep.	17,180	24,281	123,519	16,202	23,025	115,445
Uruguay	2,548	2,522	25,236	4,173	4,051	44,723
Bolivia	330	354	3,231	889	984	8,892
Trinidad & Tobago	761	728	7,372	761	728	7,372
Chile	1,069	1,076	9,416	743	747	7,745
Finland	1,023	983	7,578	390	359	4,027
Panama	187	180	1,526	256	239	2,726
Argentina	5,653	5,493	53,814	170	204	1,331
Others	2,869	2,804	25,046	973	945	11,075
Total	72,563	87,312	566,060	58,745	71,783	494,078
Source: Brazilian Department of Foreign Trade (DECEX). Note: "0" less than 500 Kg or US\$ 500, "" no trade.						

#### Imports

Total Brazilian manufactured tobacco imports for MY 1997 and 1988 (Jan-Dec) by type of product and country of origin, as reported by DECEX, follow.

Manufactured Tobacco Imports (Thousand, MT & 1,000 US\$ FOB). Cigarettes (NCM 2402.20.00).							
Origin	1997			1998			
	Units	Quantity	Value	Units	Quantity	Value	
United States	151,770	41	1,782	157,794	44	1,730	
United Kingdom	26,525	7	261	23,080	7	203	
France	6,830	2	44	8,950	2	53	
Switzerland	4,110	1	35	4,850	1	35	
Germany	1,440	0	13	1,420	0	12	
Netherlands	2,950	0	21	6	0	0	
India	6,000	0	1	0	0	0	
Argentina	415	0	3				
Bolivia	10	0	2				
Uruguay	10	0	1				
Denmark	100	0	1				
Total	200,160	53	2,165	196,100	55	2,033	
Source: Brazilian Department of Foreign Trade (DECEX). Note: "0" less than 500 Kg or US\$ 500, "" no trade.							

## Policy

The MERCOSUL Common External Tariff Schedule follows. MERCOSUL represents a trade pact among Brazil, Argentina, Uruguay and Paraguay.

Brazilian Manufactured Tobacco - Common External Tariffs.				
NCM	Description	Tariff		
2402.10.00	Cigars and Cigarillos	23		
2402.20.00	Cigarettes	23		
2402.90.00	Others	23		
Source: Brazilian Department of Foreign Trade (DECEX).				

### **Exchange Rate**

Exchange Rate (R\$/US\$1.00 - last day of period) 1/						
Month	1995	1996	1997	1998	1999	
January	0.84	0.98	1.05	1.12	1.92	
February	0.85	0.98	1.05	1.13	2.03	
March	0.90	0.99	1.06	1.14	1.77	
April	0.91	0.99	1.06	1.14	1.66	
May	0.90	1.00	1.07	1.15	1.72	
June	0.91	1.00	1.08	1.16	1.77	
July	0.94	1.01	1.08	1.16		
August	0.95	1.02	1.09	1.18		
September	0.95	1.02	1.10	1.19		
October	0.96	1.03	1.10	1.19		
November	0.97	1.03	1.11	1.20		
December	0.99	1.04	1.12	1.21		
1/ Official rate.						