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Informe del USDA

Semestre de la campaña de cítricos de Brasil 2018

ATO Sao Paulo proyecta la cosecha de naranja brasileña para 2018/19 (mayo 2017/18) en 393 millones de cajas, una disminución del 27% respecto a la temporada anterior.

Los árboles cítricos están estresados por la producción del año pasado y las altas temperaturas en octubre de 2017, que afectaron negativamente al desarrollo de la fruta. La producción total de zumo de naranja concentrado congelado (FCOJ) se pronostica en 1.032 toneladas, una caída significativa en relación con el año anterior (1.447 toneladas), debido a la disminución prevista de naranjas.

La oferta final de FCOJ se proyecta en 45.000 toneladas, una disminución de 115.000 toneladas en comparación con mayo 2016/17, como resultado de una menor disponibilidad del producto. No se espera que la reciente huelga de camioneros tenga un impacto a largo plazo en la producción o disponibilidad de cítricos.

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USDA Foreign Agricultural Service

GAIN Report

Global Agricultural Information Network

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Brazil

Citrus Semi-annual

2018

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Report Highlights:
ATO Sao Paulo projects the Brazilian orange crop for 2018/19 (MY 2017/18) at 393 million boxes, a decrease of 27 percent relative to the previous season. Citrus trees are stressed from last year's production and high temperatures in October 2017, which negatively affected fruit setting. Total frozen concentrate orange juice (FCOJ) production is forecast at 1.032 mmt, a significant drop relative to the previous year, (1.447 mmt), due to the expected sharp decrease of oranges for crushing. FCOJ ending stocks are projected at 45,000 mt, 65 Brix, a decrease of 115,000 mt compared to MY 2016/17, the result of anticipated lower product availability. The recent truckers strike is not expected to have a long-term impact on production or availability of citrus.

FRESH ORANGES

Production

PS&D Tables

The following tables provide revised data for São Paulo state and the total Brazilian fresh orange production, supply and demand (PS&D) for *Brazilian (BR) marketing years (MY) 2016/17, 2017/18 and 2018/19 (July-June)*, which are equivalent to *U.S. MY 2015/16, 2016/17*, and *2017/18*, respectively.

Brazil: Fresh Oranges PS&D (Jul-Jun, 1,000 ha, million trees & million 40.8 kg boxes)			
Item/U.S. Marketing Year	**US 15/16**	**US 16/17**	**US 17/18**
Item/ Brazilian Marketing Year	**2016/17**	**2017/18**	**2018/19**
Area Planted	603.9	602.6	601.5
Sao Paulo	403.9	402.6	401.5
Others	200.0	200.0	200.0
Area Harvested	579.3	578.1	571.0
Sao Paulo	386.7	385.5	378.4
Others	192.6	192.6	192.6
Bearing Trees	227.5	226.8	227.3
Sao Paulo	175.5	174.8	175.3
Others	52.0	52.0	52.0
Non-Bearing Trees	20.5	20.9	23.1
Sao Paulo	16.5	16.9	19.1
Others	4.0	4.0	4.0
Total Trees	248.0	247.7	250.4
Total Production	353.3	512.0	393.0
Sao Paulo	245.3	407.0	288.0
Others	108.0	105.0	105.0
Exports	0.6	0.8	0.6
Imports	0.4	0.5	0.5
Domestic Consumption	121.1	116.7	120.9
Delivered to processors	232.0	395.0	272.0
Sao Paulo (FCOJ + NFC exports)	209.0	371.0	248.0
Others	23.0	24.0	24.0

- *There is a one-year lag between the Brazilian (BR) marketing year (MY) and the U.S. marketing year (MY). For example, BR MY 2018/2019 is equivalent to U.S. MY 2017/2018. As such and to ensure data continuity, the current Brazilian MY 2018/19 will be referred to as U.S. MY 2017/18 throughout this report*

General

ATO/Sao Paulo projects the total Brazilian orange crop for MY 2017/18 (July/June) at 393 Million 40.8-kg boxes (MBx), a decrease of 27 percent relative to the previous season. The commercial area of the state of São Paulo and the western part of Minas Gerais should produce 288 MBx, a sharp drop of 119 MBx from MY 2016/17. This projection is based on the Defense Fund for Citriculture's (Fundecitrus) first citrus crop forecast, released in May. The forecast takes into account the following varieties: Hamlim, Westin, Rubi, Valecia Americana, Valencia Argentina, Seleta, Pineapple, Pera Rio, Valencia, "Folha Murcha" Valencia, and Natal.

According to Fundecitrus, the high number of fruits per tree in the past season placed undue stress on citrus trees and groves. In addition, adverse weather conditions, and high temperatures in October negatively affected fruit setting for the 2018 crop. Note that 70 percent of the harvest will be originated from the first blossoming, followed by approximately 13 percent from the second blossoming and 13 percent from the third blossoming.

Production for MY 2017/18 from other states is projected at 105 MBx, similar to the revised figure for MY 2015/16 (106.7 MBx), according to updated information provided by the Brazilian Geography and Statistics Institute (IBGE).

In February 2018, the São Paulo State Institute of Agricultural Economics (IEA) released its first survey for the 2018/19 orange crop (equivalent to MY 2017/18), forecasting 342.5 MBx, an increase of 18 MBx compared to the previous season (324.53 MBx). Figures include production from both commercial and non-commercial areas and are based on data collected in February 2018. Note that IEA takes into account the entire state of São Paulo and all varieties of oranges, while ATO/São Paulo estimates follow the citrus industry's methodology, which takes into account the four major citrus varieties for juice processing and includes the commercial area of the state of São Paulo plus the western part of Minas Gerais. IEA reports that the orange tree inventory in the state of São Paulo is estimated at 183.1 million trees (166.9 million bearing trees and 16.6 million non-bearing trees).

While the recent truckers strike in Brazil did result in agricultural losses, the strike is not expected to have a lasting impact on Brazil's production or availability of fresh oranges or orange juice. The strike lasted about one week and while some product was delayed arriving at its final destination, contacts report that all contracts were fulfilled and product is once again flowing uninterrupted.

Area, Tree Inventory and Yields

Brazilian agricultural yield for MY 2017/18 is estimated at 1.73 boxes/tree, a decrease of 23 percent compared to last season (2.26 boxes/tree). Citrus trees are stressed from last year's production and unseasonably high temperatures in October 2017 in citrus growing areas, negatively affected fruit setting. Total orange area for MY 2017/18 is estimated at 601,500 hectares (ha), similar to the previous year.

Total Brazilian tree inventory for MY 2017/18 is projected at 250.4 million trees, up 2.7 million trees vis-à-vis the previous crop. Fundecitrus reports a total of 194.4 million trees in the São Paulo commercial area (175.3 million bearing trees and 19.1 million non-bearing trees). ATO/São Paulo estimates stable tree population for "other" states based on uniform production figures provided by IBGE.

Producer Prices

The Orange Index price series is published by the University of São Paulo's College of Agriculture "Luiz de Queiroz" (ESALQ), Center for Advanced Studies on Applied Economics (CEPEA) for both the fresh domestic market and product delivered to orange juice processing plants in the state of São Paulo. Both series track orange prices from September 1994. Prices for the fresh market are for fruit on the tree. According to CEPEA, the majority of producers have already set fruit delivery contracts for the upcoming crop. On average, contracts were set at R$ 20-22/box of oranges (one or two year contracts) and may or may not include a premium, depending on the price of orange juice.

Orange Prices paid by Sao Paulo industry - spot market (Pera, Natal, Valencia varieties, average prices in Reais - R$, 40.8 kg box, fruits delivered to the processing plant).

Month	2013	2014	2015	2016	2017	2018
Jan	5.85	8.45	10.15	13.84	25.79	17.66
Feb	5.98	9.09	10.20	13.82	24.84	16.70
Mar	6.43	9.81	10.24	14.01	24.40	16.25
Apr	6.78	--	11.00	14.72	16.83	16.33
May	6.50	--	10.83	17.23	16.37	17.24
Jun	6.57	--	9.81	18.79	16.06	--
Jul	6.79	10.00	9.83	19.64	18.54	--
Aug	6.88	9.72	11.32	19.99	19.30	--
Sep	7.10	10.14	12.17	20.28	19.13	--
Oct	7.47	10.19	13.07	22.10	19.15	--
Nov	8.00	10.11	13.89	25.35	18.96	--
Dec	8.32	10.21	14.06	25.90	18.64	--

Source: CEPEA/ESALQ.

Orange Prices received by Producers in the Domestic Fresh Market (Pera Variety, average prices in Reais - R$, 40.8 kg box, fruits on the tree).

Month	2013	2014	2015	2016	2017	2018
Jan	8.94	18.98	15.74	18.39	38.04	20.00
Feb	10.45	21.65	17.47	20.14	42.58	22.51
Mar	13.07	22.06	17.22	22.17	41.58	29.02
Apr	11.66	17.92	16.59	20.63	30.24	29.83
May	7.92	12.59	14.85	21.22	20.81	26.26
Jun	6.67	10.29	12.78	20.36	16.66	--

Jul	6.19	9.62	11.53	19.53	15.95	--
Aug	7.30	9.98	11.71	21.60	16.40	--
Sep	9.28	10.65	13.18	26.88	17.34	--
Oct	10.79	11.91	14.65	32.14	19.27	--
Nov	12.08	13.18	16.38	34.66	19.97	--
Dec	13.60	14.15	17.49	32.77	19.94	--
Source: CEPEA/ESALQ						

Consumption

ATO/São Paulo projects total Brazilian orange consumption for MY 2017/18 at 120.9 MBx, an increase of 4 MBx relative to the previous year. These figures include actual domestic consumption plus losses from natural drop, harvesting, transportation, and packing.

Fruit delivered to processors for "not from concentrated (NFC)" orange production for the domestic market is also included in these figures. There is no official estimate of the number of orange boxes crushed for NFC orange juice production, but industry estimates that roughly 5 million boxes are used for NFC production.

Domestic consumption estimates are calculated as the difference between production estimates and the volume of oranges delivered to processors for FCOJ and NFC produced for exports.

Trade

The total fresh orange export forecast for MY 2017/18 is 0.6 MBx, slightly down vis-à-vis the previous year. Brazil has limited market access to other countries and the majority of exports are shipped to European countries. Most exports occur during the harvest of the commercial crop, between June and December. The table below shows official fresh orange exports (Nomenclatura Externa do Mercosul - NCM 0805.10.00) by country of destination, for BR MY 2015/16 (July-June), 2016/17 and 2017/18 (July - May), according to SECEX.

Brazilian Fresh Orange Exports (MT and US$ 1,000 FOB)						
	Jul 2015 - Jun 2016		**Jul 2016 - May 2017**		**Jul 2017 - May 2018**	
Country	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Portugal	4,512	1,687	7,185	2,941	8,178	3,974
France	4,752	2,012	2,875	1,317	5,091	2,859
United Kingdom	6,755	1,926	4,464	1,614	4,987	2,145
Spain	4,912	2,383	4,179	2,132	2,949	1,461
Netherlands	611	206	131	58	2,089	876
Paraguay	3,879	434	0	0	5,663	731
Ukraine	0	0	465	238	1,093	561
Italy	220	120	365	189	786	399

Sweden	1,391	307	535	137	1,065	357
Saudi Arabia	0	0	728	396	339	198
Others	3,179	1,503	2,221	1,089	2,314	1,009
Total	30,210	10,578	23,147	10,111	34,554	14,571
Source : Brazilian Department of Foreign Trade (SECEX), NCM 0805.10.00						

Production, Supply and Demand Data Statistics

Oranges, Fresh	2015/2016		2016/2017		2017/2018	
Market Begin Year	Jul 2016		Jul 2017		Jul 2018	
Brazil	USDA Official	New Post	USDA Official	New Post	USDA Official	New Post
Area Planted	603900	603900	602600	602600	602600	601500
Area Harvested	579300	579300	578100	578100	578100	571000
Bearing Trees	227500	227500	226800	226800	226800	227300
Non-Bearing Trees	20500	20500	20900	20900	20900	23100
Total No. Of Trees	248000	248000	247700	247700	247700	250400
Production	14414	14414	20400	20890	17340	16034
Imports	16	16	16	20	16	20
Total Supply	14430	14430	20416	20910	17356	16054
Exports	24	24	33	33	24	24
Fresh Dom. Consumption	4940	4940	5124	4761	5010	4932
For Processing	9466	9466	15259	16116	12322	11098
Total Distribution	14430	14430	20416	20910	17356	16054
(HECTARES) ,(1000 TREES) ,(1000 MT)						

ORANGE JUICE

Production

PS&D Tables

The following tables provide revised data for São Paulo and total Brazilian orange juice production, supply and demand (PS&D) for *Brazilian (BR) marketing years (MY) 2016/17, 2017/18 and 2018/19 (July-June)*, which are equivalent to *U.S. MY 2015/16, 2016/17*, and *2017/18,* respectively.

The tables include NFC production for exports converted to Frozen Concentrated Orange Juice (FCOJ), 65 Brix equivalent, using the following conversion factor: 1 metric ton of FCOJ 65 Brix equals 5.6 metric tons of NFC 11.6 Brix.

Brazil: FCOJ PS&D (Jul-Jun, Million 40.8 kg boxes, TMT, 65 degrees brix)			
Item/U.S. Marketing Year	**US 15/16**	**US 16/17**	**US 17/18**
Item/ Brazilian Marketing Year	**2016/17**	**2017/18**	**2018/19**
Delivered to Processors	232.0	395.0	272.0
Sao Paulo (FCOJ + NFC exports)	209.0	371.0	248.0
Others	23.0	24.0	24.0
Beginning Stocks	147.0	6.0	160.0
Total Production	859.0	1,447.0	1,032.0
Sao Paulo FCOJ	519.0	1,055.0	660.0
Sao Paulo NFC (FCOJ equiv)	240.0	292.0	272.0
Others	100.0	100.0	100.0
Total Supply	1,006.0	1,453.0	1,192.0
Exports	962.0	1,255.0	1,107.0
Sao Paulo FCOJ	665.0	928.0	780.0
Sao Paulo NFC (FCOJ equiv)	240.0	272.0	272.0
Others FCOJ	57.0	55.0	55.0
Domestic Consumption	38.0	38.0	40.0
Ending Stocks	6.0	160.0	45.0
Total Distribution	1,006.0	1,453.0	1,192.0

- *There is a one-year lag between the Brazilian (BR) marketing year (MY) and the U.S. marketing year (MY). For example, BR MY 2018/2019 is equivalent to U.S. MY 2017/2018. As such and to ensure data continuity, the current Brazilian MY 2018/19 will be referred to as U.S. MY 2017/18 throughout this report*

General

ATO/São Paulo projects total Brazilian FCOJ, 65 Brix equivalent, production for MY 2017/18 at 1.032 million metric tons (mmt), down 29 percent relative to the previous MY, due to the expected sharp decrease in the number of orange boxes available for crushing. The São Paulo industry is expected to process 248 MBx of oranges for orange juice production (178 MBx and 70 MBx for FCOJ and NFC production, respectively), resulting in 932,000 mt of juice (660,000 mt and 272,000 metric tons of FCOJ and NFC, respectively). Other producing states should deliver 24 MBx for processing.

Total Brazilian FCOJ, 65 Brix equivalent, production for MY 2016/17 is estimated at 1.447 mmt, a noteworthy increase of 588,000 mt vis-à-vis the previous crop, due to a significant volume of fruit for processing and better industrial yields in the São Paulo citrus commercial area (280.6 boxes of oranges/mt of FCOJ, 65 Brix equivalent) compared to MY 15/16. The São Paulo industry accounted for 371 MBx for crushing (296 MBx and 75 MBx for FCOJ and NFC production, respectively), whereas other states contributed 24 MBx.

Orange juice figures include NFC production for exports converted to FCOJ, 65 Brix equivalent. There is no official estimate for NFC supply and demand in Brazil.

Consumption

FCOJ domestic consumption for MY 2017/18 is forecast slightly up at 40,000 mt, an increase of 2,000 mt, 65 Brix, vis-à-vis the previous MY, according to information provided by the industry. No official information of actual domestic consumption of FCOJ equivalent is publicly available in Brazil.

Trade

ATO/Sao Paulo forecasts total Brazilian FCOJ, 65 Brix equivalent, exports for MY 2017/18 at 1.107 mmt, a decrease of 148,000 mt from MY 2016/17 (1.255 mmt), due to expected lower orange juice availability. The São Paulo industry should contribute 1.052 mt, 65 Brix equivalent, whereas the reminder should come from other processing states.

The tables below show official orange juice exports (NCM 2009.11.00, NCM 2009.12.00 and 2009.19.00) by country of destination for BR MY 2015/16 (July-June), 2016/17 and 2017/18 (July - April), according to SECEX. The “others” category includes both FCOJ and NFC exports. Post considers the average monthly price by country of destination for the “others” category as a criterion to distinguish between FCOJ and NFC exports.

Note the sharp increase of exports to the United States in all juice categories as a consequence of tight Floridian supply due to hurricane Irma. Increased shipments to the United States are expected to continue during 2017/18, given the United States should not fully recover its production in the upcoming crop. However, limited orange juice supply in Brazil will constrain shipments to some extent.

Frozen / Unfermented Orange Juice Exports (MT and US$ 1,000 FOB)						
	Jul 2015 - Jun 2016		Jul 2016 - May 2017		Jul 2017 - May 2018	
Country	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
United States	127,460	181,308	79,848	153,198	164,105	277,100
Belgium	147,557	234,556	98,699	164,210	110,369	183,976
Netherlands	76,075	112,072	65,279	112,752	89,112	159,637
Japan	49,500	77,735	42,485	72,086	55,811	108,385
China	28,749	50,122	27,982	51,394	34,008	68,622
Australia	11,506	19,067	14,074	24,324	14,219	27,791
Israel	8,034	12,377	9,253	18,361	11,610	21,406
Spain	784	1,224	2,218	4,052	6,022	11,575
Chile	6,937	11,818	5,684	11,707	4,917	10,965
Saudi Arabia	4,923	8,075	4,738	9,107	4,453	8,979
Others	46,492	75,766	41,573	75,800	38,883	75,769
Total	508,016	784,120	391,835	696,992	533,509	954,206
Source : Brazilian Department of Foreign Trade (SECEX), NCM 2009.11.00						

Brazilian Orange Juice Exports, Not Frozen and Brix Under 20 (MT and US$ 1,000 FOB)						
	Jul 2015 - Jun 2016		Jul 2016 - May 2017		Jul 2017 - May 2018	
Country	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
United States	346,011	113,497	365,942	120,853	587,879	204,910
Belgium	605,711	211,128	556,699	197,889	491,337	161,787
Netherlands	290,158	99,512	291,026	91,609	296,902	103,925
Switzerland	1,000	338	1,002	300	2,002	701
Chile	351	307	376	354	549	545
Malaysia	0	0	0	0	25	40
Japan	0	0	5	6	30	39
Uruguay	22	22	35	45	26	34
Singapore	0	0	0	0	23	26
Paraguay	1	1	0	0	12	17
Others	15	14	3	3	39	47
Total	1,243,269	424,819	1,215,088	411,060	1,378,823	472,069
Source : Brazilian Department of Foreign Trade (SECEX), NCM 2009.12.00						

Brazilian Orange Juice Exports, Not Frozen and Brix Under 20 (MT and US$ 1,000 FOB)						
	Jul 2015 - Jun 2016		Jul 2016 - May 2017		Jul 2017 - May 2018	
Country	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**

United States	346,011	113,497	365,942	120,853	587,879	204,910
Belgium	605,711	211,128	556,699	197,889	491,337	161,787
Netherlands	290,158	99,512	291,026	91,609	296,902	103,925
Switzerland	1,000	338	1,002	300	2,002	701
Chile	351	307	376	354	549	545
Malaysia	0	0	0	0	25	40
Japan	0	0	5	6	30	39
Uruguay	22	22	35	45	26	34
Singapore	0	0	0	0	23	26
Paraguay	1	1	0	0	12	17
Others	15	14	3	3	39	47
Total	1,243,269	424,819	1,215,088	411,060	1,378,823	472,069
Source : Brazilian Department of Foreign Trade (SECEX), NCM 2009.12.00						

Stocks

Ending stocks for MY 2017/18 are projected at 45,000 mt, 65 Brix, down 115,000 mt from MY 2016/17, due to expected lower orange juice supply for the upcoming season. Stock figures include only stocks in the storage tanks of orange juice facilities (processing plants, port terminals, etc.) in Brazil. They do not include stocks owned by Brazilian companies abroad, for example, in transit and port terminals in the United States, Europe, and Japan.

According to the May 2018 release of the Brazilian Association of Citrus Exporters (CitrusBR), global Brazilian orange juice inventories are projected at approximately 305,986 mt (66^{o} Brix) on June 30, 2018 and forecast between 55,943 – 154,732 mt on June 30, 2019. CitrusBR global inventories include orange juice in storage tanks at processing plants and port terminals in Brazil; and stocks abroad (vessels and port facilities worldwide).

Production, Supply and Demand Data Statistics

The tables include “Not From Concentrate (NFC)” production for exports converted to “Frozen Concentrated Orange Juice (FCOJ)” 65 Brix equivalent.

Orange Juice	**2015/2016**		**2016/2017**		**2017/2018**	
Market Begin Year	**Jul 2016**		**Jul 2017**		**Jul 2018**	
Brazil	**USDA Official**	**New Post**	**USDA Official**	**New Post**	**USDA Official**	**New Post**
Deliv. To Processors	9466000	9466000	15259000	16116000	12322000	11098000
Beginning Stocks	147000	147000	6000	6000	85000	160000

Production	859000	859000	1372000	1447000	1152000	1032000
Imports	0	0	0	0	0	0
Total Supply	1006000	1006000	1378000	1453000	1237000	1192000
Exports	962000	962000	1255000	1255000	1137000	1107000
Domestic Consumption	38000	38000	38000	38000	40000	40000
Ending Stocks	6000	6000	85000	160000	60000	45000
Total Distribution	1006000	1006000	1378000	1453000	1237000	1192000
(MT)						

Exchange Rate

Exchange Rate (R$/US$1.00 - official rate, last day of period)							
Month	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
January	1.74	1.99	2.43	2.66	4.04	3.13	3.16
February	1.71	1.98	2.33	2.88	3.98	3.10	3.24
March	1.82	2.01	2.26	3.21	3.56	3.17	3.32
April	1.89	2.00	2.24	2.98	3.45	3.20	3.48
May	2.02	2.13	2.24	3.18	3.60	3.26	3.74
June 1/	2.02	2.22	2.20	3.10	3.21	3.30	3.69
July	2.05	2.29	2.27	3.39	3.24	3.13	--
August	2.04	2.37	2.24	3.65	3.24	3.15	--
September	2.03	2.23	2.45	3.98	3.25	3.17	--
October	2.03	2.20	2.44	3.86	3.18	3.27	--
November	2.10	2.32	2.56	3.85	3.40	3.26	--
December	2.04	2.34	2.66	3.90	3.47	3.31	--
Source: Brazilian Central Bank (BACEN) - Last day of month. 1/June 2018 refers to June 11							