

Current forecast update (variation regarding the December update):

February 10, 2017

Total orange crop production forecast¹: 244.20 million boxes (unchanged)

Hamlin, Westin and Rubi: 48.31 million boxes (unchanged)

Other early season²: 13.62 million boxes (unchanged)

Pera Rio: 73.73 million boxes (unchanged)

Valencia and Valencia Folha Murcha: 79.65 million boxes (unchanged)

Natal: 28.89 million boxes (unchanged)

Forecast Dates 2016-2017
Final estimate: April 10, 2017

Orange production forecast update by sector and variety group – citrus belt

Month	Forecast components				Orange production forecast update 2016-2017					
	December / February (strike-through values were presented in December, to their left are their respective values updated in February)				December			February		
	Bearing trees	Fruits per tree at stripping ³	Fruits forecasted by box	Fruit loss from droppage forecast	By tree	By hectare	Total	By tree	By hectare	Total
	(1,000 trees)	(number)	(number)	(percentage)	(boxes/tree)	(boxes/hectare)	(1,000,000 boxes)	(boxes/tree)	(boxes/hectare)	(1,000,000 boxes)
TOTAL										
Hamlin, Westin and Rubi.....	28,304	523	243 255	9.4	1.71	744	48.31	1.71	744	48.31
Other early season ²	8,256	475	210 237	10.3	1.65	744	13.62	1.65	744	13.62
Pera Rio.....	59,668	378	225 230	12.0	1.24	593	73.73	1.24	593	73.73
Valencia and V.Folha Murcha ⁴	60,432	409	212 220	17.0	1.32	593	79.65	1.32	593	79.65
Natal.....	18,888	500	221 230	17.5	1.53	646	28.89	1.53	646	28.89
Average.....	(X)	430	223 232	13.73	1.39	632	(X)	1.39	632	(X)
Total.....	175,548	(X)	(X)	(X)	(X)	(X)	244.20	(X)	(X)	244.20
NORTH SECTOR										
Hamlin, Westin and Rubi.....	7,995	440	243 255	9.4	1.44	620	11.49	1.44	620	11.49
Other early season ²	2,025	407	210 237	10.3	1.42	714	2.87	1.42	714	2.87
Pera Rio.....	11,824	235	225 230	12.0	0.77	399	9.08	0.77	399	9.08
Valencia and V.Folha Murcha ⁴	13,975	320	212 220	17.0	1.03	465	14.39	1.03	465	14.39
Natal.....	3,785	372	221 230	17.5	1.14	470	4.32	1.14	470	4.32
Average.....	(X)	(X)	223 232	13.73	1.06	493	(X)	1.06	493	(X)
Subtotal.....	39,604	328	(X)	(X)	(X)	(X)	42.15	(X)	(X)	42.15
NORTHWEST SECTOR										
Hamlin, Westin and Rubi.....	2,811	203	243 255	9.4	0.66	286	1.86	0.66	286	1.86
Other early season ²	1,384	257	210 237	10.3	0.89	387	1.23	0.89	387	1.23
Pera Rio.....	8,309	284	225 230	12.0	0.93	393	7.71	0.93	393	7.71
Valencia and V.Folha Murcha ⁴	3,862	219	212 220	17.0	0.71	333	2.73	0.71	333	2.73
Natal.....	1,690	414	221 230	17.5	1.27	491	2.14	1.27	491	2.14
Average.....	(X)	(X)	223 232	13.73	0.87	375	(X)	0.87	375	(X)
Subtotal.....	18,056	268	(X)	(X)	(X)	(X)	15.67	(X)	(X)	15.67
CENTRAL SECTOR										
Hamlin, Westin and Rubi.....	7,447	481	243 255	9.4	1.57	665	11.68	1.57	665	11.68
Other early season ²	3,215	576	210 237	10.3	2.00	850	6.43	2.00	850	6.43
Pera Rio.....	17,263	386	225 230	12.0	1.26	611	21.75	1.26	611	21.75
Valencia and V.Folha Murcha ⁴	16,915	388	212 220	17.0	1.25	554	21.12	1.25	554	21.12
Natal.....	4,647	494	221 230	17.5	1.51	584	7.02	1.51	584	7.02
Average.....	(X)	(X)	223 232	13.73	1.37	613	(X)	1.37	613	(X)
Subtotal.....	49,487	423	(X)	(X)	(X)	(X)	68.00	(X)	(X)	68.00
SOUTH SECTOR										
Hamlin, Westin and Rubi.....	5,009	579	243 255	9.4	1.89	844	9.46	1.89	844	9.46
Other early season ²	547	418	210 237	10.3	1.44	601	0.79	1.44	601	0.79
Pera Rio.....	12,073	423	225 230	12.0	1.38	644	16.68	1.38	644	16.68
Valencia and V.Folha Murcha ⁴	13,210	454	212 220	17.0	1.46	602	19.32	1.46	602	19.32
Natal.....	2,895	558	221 230	17.5	1.71	706	4.94	1.71	706	4.94
Average.....	(X)	(X)	223 232	13.73	1.52	660	(X)	1.52	660	(X)
Subtotal.....	33,734	470	(X)	(X)	(X)	(X)	51.19	(X)	(X)	51.19
SOUTHWEST SECTOR										
Hamlin, Westin and Rubi.....	5,042	840	243 255	9.4	2.74	1,240	13.82	2.74	1,240	13.82
Other early season ²	1,085	610	210 237	10.3	2.12	1,024	2.30	2.12	1,024	2.30
Pera Rio.....	10,199	556	225 230	12.0	1.81	901	18.51	1.81	901	18.51
Valencia and V.Folha Murcha ⁴	12,470	550	212 220	17.0	1.77	885	22.09	1.77	885	22.09
Natal.....	5,871	583	221 230	17.5	1.78	863	10.47	1.78	863	10.47
Average.....	(X)	(X)	223 232	13.73	1.94	946	(X)	1.94	946	(X)
Subtotal.....	34,667	630	(X)	(X)	(X)	(X)	67.19	(X)	(X)	67.19

(X) Not applicable.

¹ Hamlin, Westin, Rubi, Valencia Americana, Valencia Argentina, Seleta, Pineapple, Pera Rio, Valencia, Valencia Folha Murcha and Natal.

² Valencia Americana, Valencia Argentina, Seleta and Pineapple.

³ Weighted average per stratum bearing trees.

⁴ V. Folha Murcha – Valencia Folha Murcha.

Total orange production¹ is maintained at 244.20 million boxes

The 2016-2017 orange production forecast update of the São Paulo and West-Southwest Minas Gerais Citrus Belt published on February 10, 2017 by Fundecitrus, carried out in cooperation with Markestrat, FEA-RP/USP and FCAV/Unesp², is maintained at 244.20 million boxes of 40.8 kg each (90 lb). This value, equal to that of the December update, results from the increase in the weight of the fruits and from an alteration of the correction factor, which is necessary mainly due to the existence of bearing trees from different planting years on the same block.

In this forecast update, the weight gain of fruits, caused by heavy rains, and the advance of the harvest were determinant factors for the change in the number of fruits per box. Only in the last two months, December and January, it rained almost the equivalent of all the accumulated volume from May to November. In addition, the rains during this period were constant and widespread in all producing regions. In the citrus belt, it rained on average 18 days in December and 23 days in January, totaling 519 millimeters, 16% above the historical average.

After the last publication, as of December, the end of the harvest of Hamlin, Westin, Rubi and the other early varieties was also observed. As for the Pera Rio and Natal varieties, there is still about 2%, and for the Valencia and Valencia Folha Murcha varieties, less than 1% is still to be harvested. This implies that, in the case of the varieties whose harvest is finished, the numbers presented in this forecast update are already the final figure for the season and, for all other varieties, the expected variation is low.

Due to these facts, considering all the varieties, a box of 40.8 kg (90 lb) now contains 223 fruits, nine less than the December update. For the Hamlin, Westin and Rubi varieties, the size is revised to 243 fruits per box, and for the other early varieties, to 210 fruits per box. Pera Rio is revised to 225 fruits per box. Late varieties, Valencia and Valencia Folha Murcha now account for 212 fruits per box, whereas the Natal variety is re-estimated to 221 fruits per box.

The average fruit droppage rate, considering all varieties, remains the same as that of December, namely 13.73%. In the face of a small crop, the demand for fruit has boosted the harvesting pace, which helped maintain the droppage rate at low levels.

¹ Hamlin, Westin, Rubi, Valencia Americana, Valencia Argentina, Seleta, Pineapple Pera Rio, Valencia, Valencia Folha Murcha and Natal.
² Exact Sciences Department.