

**Report on fruit size and droppage rate**

**April 10, 2018**

This publication presents the final estimates of fruit size (pieces of fruit to make a standard 40.8 kg box at harvest) and droppage rate from 2015-2016 to 2017-2018 orange crops. The precision of the overall average of the citrus belt is higher than that of the sectors, ages or variety groups, due to the larger sample size.

The information was obtained from the monitoring survey conducted on 900 blocks since May, which cease to be visited as their harvest is concluded. The details of this methodology are found in the document “Methodology for the Orange Production Forecast Update” available at [www.fundecitrus.com.br](http://www.fundecitrus.com.br). Other data used was the average size of fruit received throughout the crop by orange juice companies associated to Fundecitrus – Citrosuco, Cutrale and Louis Dreyfus – for industrial processing. Each processing company supplies individual data under confidentiality to the independent consulting firm for the calculation of the average size of processed fruit.

**Table 1 – Oranges<sup>1</sup>: Final estimates of fruits per box (average size) and droppage rate from 2015-2016 to 2017-2018 crops by sector, age and variety groups**

Sector, age and variety	Final estimate of fruit per box			Final estimate of droppage rate		
	2015-2016	2016-2017	2017-2018	2015-2016	2016-2017	2017-2018
	(number)	(number)	(number)	(percentage)	(percentage)	(percentage)
North.....	237	220	248	18.09	10.18	15.55
Northwest.....	219	224	245	14.81	12.73	22.27
Central.....	211	214	227	19.94	16.25	19.50
South.....	237	230	268	22.28	13.58	19.94
Southwest.....	225	224	246	11.16	12.75	11.82
3 to 5 years.....	228	229	221	11.21	9.14	12.86
6 to 10 years.....	223	221	242	14.93	11.22	15.63
Above 10 years.....	228	222	252	20.98	16.15	19.16
Hamlin, Westin and Rubi.....	272	243	277	12.12	9.40	10.00
Valencia Americana, Valencia Argentina, Seleta and Pineapple..	233	210	251	11.91	10.30	11.30
Pera Rio.....	225	224	253	15.51	12.00	17.00
Valencia and Valencia Folha Murcha.....	200	211	223	22.62	17.00	21.80
Natal.....	211	220	235	19.71	17.50	20.00
<b>Citrus Belt.....</b>	<b>226</b>	<b>222</b>	<b>246</b>	<b>17.49</b>	<b>13.73</b>	<b>17.31</b>

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