



# World Citrus Organisation

FOR IMMEDIATE RELEASE

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## The World Citrus Organisation Northern Hemisphere Citrus Forecast shows recovery in citrus production

The World Citrus Organisation (WCO) has released its annual Northern Hemisphere Citrus Forecast for the upcoming citrus season (2023-24). The Forecast was released on the occasion of the Global Citrus Outlook conference organized on 15 November by WCO. The forecast is based on data from Egypt, Greece, Israel, Italy, Morocco, Spain, Tunisia, Turkey, and the United States. This year, the Forecast shows that citrus production is projected to reach 28,976,001 T, which represents a 12.2% increase compared to the previous peak low season. The 2023/2024 forecast is 1.48% higher than the average of the last 4 seasons.

WCO, the World Citrus Organisation, released on 15 November its annual Northern Hemisphere citrus forecast for the upcoming season (2023-24). The preliminary Forecast is based on data from industry associations from the Mediterranean region and the United States. Total citrus exports are expected to follow a similar trend at 9,483,770 T, up by 11.4% from last season and 4.5% from the last four seasons' average.

Philippe Binard, WCO Secretary General, summarised the outcome of the Forecast. *"The market insights we received indicate a recovery from the low point of last season. The growth is mainly influenced by growth in Turkey and Egypt while other countries are stable or only recorded marginal gains"*. Eric Imbert from CIRAD added, *"While this year's forecast shows a recovery with variable conditions across the producing countries and citrus categories, many parameters have to be taken into account for the market analysis"*. He added: *"Climatic issues, such as late frost, drought, heat waves, or new pests and diseases influenced the quality, colouring, or harvest date for the production. The market will still be impacted by geopolitical instability while consumer demand is under pressure due to limitation of purchasing power and inflation"*.

Looking at the country-specific figures for the largest producers in the EU, Spain's citrus production at 5.9 MT is up by 2% to previous seasons, with stable soft citrus compared to last year, fewer oranges (-6%) and more lemons. Italy is up by 6% at 2.6 MT, with more oranges (+20%) and less soft citrus and lemons (-10% each), while Greece is down by 7% to 1.1 MT. In the other Mediterranean countries, Turkey is now the market leader with a first production estimate of 6.5 MT (+45%), with strong growth across all categories. The Turkish production forecast could even exceed 7 MT. This results from the increased acreage and productivity, alternance, and favourable climatic conditions. Egypt at 5.4 MT is up by 10% from the previous season and 15% from the average of the last 4 years. The main category is oranges with 3,7 MT (+5%) while soft citrus's double-digit growth should almost reach 1.3 MT. Morocco's production is expected to partially recover, bouncing back to just over 2 MT, with 1 MT of soft citrus (+11%) and 930,000 T of oranges. Israel's production is estimated at 365,000 T, but the recent conflict and attack on the country is a source of multiple challenges regarding supply, logistics, and human resources for harvesting and packing. The production in the United States will be up by 1% at 4.5 MT with more oranges (+10% at 2.4 MT) but less soft citrus (-2% at 856,000 T) and even less so for lemon (-12% at 889,000 T).

Philippe Binard added: *"WCO is also setting some trends for the expected utilization of citrus for the upcoming season. The global citrus exports will be up by 11% to reach 9,4 MT, while processing will increase by 8% to reach 4,7 MT, leaving 14.7 MT for domestic sales (+14%)."* Next April, the WCO will release the 2024 production and export forecast for the Southern Hemisphere.

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## Northern Hemisphere Citrus Forecast 2023/24\*

Production Oranges		2019	2020	2021	2022	2023	YOY%	4Y AVG%
Spain		3.331.631	3.448.000	3.756.000	2.878.000	2.643.000	-8,17%	-21,18%
Italy		1.650.207	1.772.769	1.770.909	1.328.182	1.600.000	+20,47%	-1,87%
Greece		920.000	887.000	855.243	880.000	830.000	-5,68%	-6,27%
<b>Tot. EU</b>		<b>5.901.838</b>	<b>6.107.769</b>	<b>6.382.152</b>	<b>5.086.182</b>	<b>5.073.000</b>	<b>-0,26%</b>	<b>-13,57%</b>
Turkey		1.810.000	1.438.975	1.852.691	1.164.000	2.060.000	+76,98%	+31,51%
Egypt		3.000.000	3.100.000	3.043.700	3.516.300	3.710.000	+5,51%	+17,22%
Morocco		647.927	934.900	1.227.600	783.200	930.700	+18,83%	+3,59%
Israel		66.200	65.000	99.000	105.000	131.000	+24,76%	+56,32%
Tunisia		235.798	292.500	222.000	185.400	226.000	+21,90%	-3,39%
<b>Tot. non-EU Mediterranean</b>		<b>5.759.925</b>	<b>5.831.375</b>	<b>6.444.991</b>	<b>5.753.900</b>	<b>7.057.700</b>	<b>+22,66%</b>	<b>+18,67%</b>
<b>Tot. Mediterranean</b>		<b>11.661.763</b>	<b>11.939.144</b>	<b>12.827.143</b>	<b>10.840.082</b>	<b>12.130.700</b>	<b>+11,91%</b>	<b>+2,65%</b>
California		1.963.023	1.778.458	1.418.623	1.567.615	1.614.789	+3,01%	-3,99%
Florida		2.751.316	2.162.051	1.681.667	645.008	836.878	+29,75%	-53,76%
Texas		51.661	40.492	7.710	43.568	30.844	-29,20%	-13,98%
Arizona								
<b>Tot. USA</b>		<b>4.766.000</b>	<b>3.981.000</b>	<b>3.108.000</b>	<b>2.256.191</b>	<b>2.482.511</b>	<b>+10,03%</b>	<b>-29,63%</b>
<b>Tot. Northern Hemisphere</b>		<b>16.427.673</b>	<b>15.920.144</b>	<b>15.935.143</b>	<b>13.096.273</b>	<b>14.613.211</b>	<b>+11,58%</b>	<b>-4,77%</b>

Production Soft citrus		2019	2020	2021	2022	2023	YOY%	4Y AVG%
Spain		1.803.551	2.369.000	2.166.000	1.852.000	1.852.000	-	-9,55%
Italy		763.601	660.280	822.396	657.917	590.000	-10,32%	-18,74%
Greece		177.000	174.000	154.377	195.000	167.000	-14,36%	-4,62%
<b>Tot. EU</b>		<b>2.744.152</b>	<b>3.203.280</b>	<b>3.142.773</b>	<b>2.704.917</b>	<b>2.609.000</b>	<b>-3,55%</b>	<b>-11,52%</b>
Turkey		1.400.000	1.600.000	1.810.000	1.860.000	2.385.500	+28,25%	+43,06%
Egypt		1.465.564	1.025.895	1.111.500	1.012.500	1.295.500	+27,95%	+12,27%
Morocco		743.691	1.086.700	1.320.500	927.000	1.036.500	+11,81%	+1,67%
Israel		179.200	185.000	159.000	194.000	170.000	-12,37%	-5,19%
Tunisia		66.827	79.600	62.100	52.600	70.400	+33,84%	+7,84%
<b>Tot. non-EU Mediterranean</b>		<b>3.855.282</b>	<b>3.977.195</b>	<b>4.463.100</b>	<b>4.046.100</b>	<b>4.957.900</b>	<b>+22,54%</b>	<b>+21,36%</b>
<b>Tot. Mediterranean</b>		<b>6.599.434</b>	<b>7.180.475</b>	<b>7.605.873</b>	<b>6.751.017</b>	<b>7.566.900</b>	<b>+12,09%</b>	<b>+7,57%</b>
California		812.087	1.044.664	635.650	860.011	834.610	-2,95%	-0,42%
Florida		43.913	38.336	32.350	20.684	21.546	+4,17%	-36,29%
Texas		0	0	0	0	0		
Arizona								
<b>Tot. USA</b>		<b>856.000</b>	<b>1.083.000</b>	<b>668.000</b>	<b>880.695</b>	<b>856.156</b>	<b>-2,79%</b>	<b>-1,81%</b>
<b>Tot. Northern Hemisphere</b>		<b>7.455.434</b>	<b>8.263.475</b>	<b>8.273.873</b>	<b>7.631.712</b>	<b>8.423.056</b>	<b>+10,37%</b>	<b>+6,54%</b>

Production Lemons		2019	2020	2021	2022	2023	YOY%	4Y AVG%
Spain		1.207.190	1.375.750	1.211.000	1.027.000	1.365.000	+32,91%	+13,26%
Italy		445.949	473.276	466.392	431.413	388.000	-10,06%	-14,59%
Greece		85.000	100.000	110.407	113.167	103.000	-8,98%	+0,84%
<b>Tot. EU</b>		<b>1.738.139</b>	<b>1.949.026</b>	<b>1.787.799</b>	<b>1.571.580</b>	<b>1.856.000</b>	<b>+18,10%</b>	<b>+5,36%</b>
Turkey		950.000	1.100.000	1.500.000	1.320.000	1.833.000	+38,86%	+50,55%
Egypt		363.280	308.788	324.500	316.000	340.000	+7,59%	+3,61%
Morocco		27.982	28.545	50.000	30.000	39.000	+30,00%	+14,26%
Israel		68.100	70.000	62.500	62.000	70.000	+12,90%	+6,63%
Tunisia		50.323	53.000	52.300	40.000	55.000	+37,50%	+12,46%
<b>Tot. non-EU Mediterranean</b>		<b>1.459.685</b>	<b>1.560.333</b>	<b>1.989.300</b>	<b>1.768.000</b>	<b>2.337.000</b>	<b>+32,18%</b>	<b>+37,93%</b>
<b>Tot. Mediterranean</b>		<b>3.197.824</b>	<b>3.509.359</b>	<b>3.777.099</b>	<b>3.339.580</b>	<b>4.193.000</b>	<b>+25,55%</b>	<b>+21,33%</b>
California		917.708	776.777	914.631	961.616	834.610	-13,21%	-6,51%
Florida								
Texas								
Arizona		65.292	27.223	45.369	50.802	54.431	+7,14%	+15,39%
<b>Tot. USA</b>		<b>983.000</b>	<b>804.000</b>	<b>960.000</b>	<b>1.012.418</b>	<b>889.041</b>	<b>-12,19%</b>	<b>-5,41%</b>
<b>Tot. Northern Hemisphere</b>		<b>4.180.824</b>	<b>4.313.359</b>	<b>4.737.099</b>	<b>4.351.998</b>	<b>5.082.041</b>	<b>+16,77%</b>	<b>+15,61%</b>

Production Grapefruits		2019	2020	2021	2022	2023	YOY%	4Y AVG%
Spain		77.200	90.000	85.000	76.000	89.500	+17,76%	+9,08%
Italy		5.252	5.460	5.459	5.000	5.000	-	-5,53%
Greece		0	0	0	0	0		
<b>Tot. EU</b>		<b>82.452</b>	<b>95.460</b>	<b>90.459</b>	<b>81.000</b>	<b>94.500</b>	<b>+16,67%</b>	<b>+8,19%</b>
Turkey		249.185	238.012	248.907	144.000	250.000	+73,61%	+13,62%
Egypt		42.000	38.572	44.700	52.200	58.000	+11,11%	+30,72%
Morocco		2.890	2.920	3.400	2.800	3.500	+25,00%	+16,57%
Israel		143.500	120.500	185.500	155.000	158.000	+1,94%	+4,55%
Tunisia		13.470	15.600	13.500	12.000	13.600	+13,33%	-0,31%
<b>Tot. non-EU Mediterranean</b>		<b>451.045</b>	<b>415.604</b>	<b>496.007</b>	<b>366.000</b>	<b>483.100</b>	<b>+31,99%</b>	<b>+11,79%</b>
<b>Tot. Mediterranean</b>		<b>533.497</b>	<b>511.064</b>	<b>586.466</b>	<b>447.000</b>	<b>577.600</b>	<b>+29,22%</b>	<b>+11,18%</b>
California		170.482	152.187	148.841	145.150	127.006	-12,50%	-17,62%
Florida		186.918	157.849	128.444	69.785	73.255	+4,97%	-46,04%
Texas		159.600	86.964	61.715	81.647	79.832	-2,22%	-18,11%
Arizona		0	0	0	0	0		
<b>Tot. USA</b>		<b>517.000</b>	<b>397.000</b>	<b>339.000</b>	<b>296.581</b>	<b>280.093</b>	<b>-5,56%</b>	<b>-27,70%</b>
<b>Tot. Northern Hemisphere</b>		<b>1.050.497</b>	<b>908.064</b>	<b>925.466</b>	<b>743.581</b>	<b>857.693</b>	<b>+15,35%</b>	<b>-5,43%</b>

Production All citrus fruits		2019	2020	2021	2022	2023	YOY%	4Y AVG%
Spain		6.419.572	7.282.750	7.218.000	5.833.000	5.949.500	+2,00%	-11,05%
Italy		2.865.009	2.911.785	3.065.156	2.422.511	2.583.000	+6,62%	-8,28%
Greece		1.182.000	1.161.000	1.120.027	1.188.167	1.100.000	-7,42%	-5,40%
<b>Tot. EU</b>		<b>10.466.581</b>	<b>11.355.535</b>	<b>11.403.183</b>	<b>9.443.678</b>	<b>9.632.500</b>	<b>+2,00%</b>	<b>-9,70%</b>
Turkey		4.409.185	4.376.987	5.411.598	4.488.000	6.528.500	+45,47%	+39,75%
Egypt		4.870.844	4.473.255	4.524.400	4.897.000	5.403.500	+10,34%	+15,18%
Morocco		1.422.490	2.053.065	2.601.500	1.743.000	2.009.700	+15,30%	+2,80%
Israel		457.000	440.500	506.000	516.000	529.000	+2,52%	+10,24%
Tunisia		366.418	440.700	349.900	290.000	365.000	+25,86%	+0,90%
<b>Tot. non-EU Mediterranean</b>		<b>11.525.937</b>	<b>11.784.507</b>	<b>13.393.398</b>	<b>11.934.000</b>	<b>14.835.700</b>	<b>+24,31%</b>	<b>+22,01%</b>
<b>Tot. Mediterranean</b>		<b>21.992.518</b>	<b>23.140.042</b>	<b>24.796.581</b>	<b>21.377.678</b>	<b>24.468.200</b>	<b>+14,46%</b>	<b>+7,19%</b>
California		3.863.301	3.752.085	3.117.746	3.534.392	3.411.015	-3,49%	-4,37%
Florida		2.982.147	2.358.236	1.842.461	735.477	931.679	+26,68%	-52,94%
Texas		211.261	127.456	69.425	125.214	110.677	-11,61%	-17,00%
Arizona		65.292	27.223	45.369	50.802	54.431	+7,14%	+15,39%
<b>Tot. USA</b>		<b>7.122.000</b>	<b>6.265.000</b>	<b>5.075.000</b>	<b>4.445.886</b>	<b>4.507.801</b>	<b>+1,39%</b>	<b>-21,29%</b>
<b>Tot. Northern Hemisphere</b>		<b>29.114.518</b>	<b>29.405.042</b>	<b>29.871.581</b>	<b>25.823.564</b>	<b>28.976.001</b>	<b>+12,21%</b>	<b>+1,48%</b>

\* Based on data from industry associations from Egypt, Greece, Israel, Italy, Morocco, Spain, Tunisia, Turkey, and the USDA for the United States (Arizona, California, Florida, and Texas).