



**FOR IMMEDIATE RELEASE**

23 December 2021

## **WAPA – World Apple and Pear Association**

### **WAPA releases an update of the Northern Hemisphere apple and pear crop**

**WAPA, the World Apple and Pear Association, released today the updated Northern Hemisphere Apple and Pear Crop Forecast. As crops have now been fully harvested since the first figures were released in August 2021, minor adjustments were made in different countries, although the new estimates are still in line with the original forecast. As the Northern Hemisphere season is getting into full swing, stocks depletion figures will be provided as well by the Association. To complete the review, the Southern Hemisphere crop 2021 was also updated.**

During the month of December, WAPA has been consolidating the forecast of apples and pears production for the Northern Hemisphere released during the month of August. As the season is now in full swing and harvest is completed, WAPA is reporting on the latest development for apples and pears in the Northern Hemisphere, while already looking to prepare the Southern Hemisphere 2022 forecast, which will be announced during the last week of February on the occasion of the WAPA Annual General Assembly. Overall, the countries survey by WAPA covers a production of 81 Mio T of apples and 23 Mio T of pears.

The updated estimates for **European apple production** of the 21 top EU producing countries and the United Kingdom increased by 160.000 T to stand at 11.895,000 T, which is 1,36% more than what originally forecasted at 11.735,000 T. The forecast for the season is ultimately 11% (or 1.195,000 T) up from the last year. The new figure is influenced by an increase in Poland (+130.000 T to 4,3 Mio T) as well as in Belgium (+48.000 T to 240.000 T) and Austria (+5.000 T to 120.000 T) but compensated by a decrease in France (-12.000 T to 1.363.000 T) and the Netherlands (-5.000 T to 245.000 T). Italy remains stable at 2.044.000 T, with 2.000 T less compared to the initial forecast of August. On the varieties side, the main changes concern Red Jonaprince (+53.000 T to 475.000 T), Jonagold (+26.000 T to 444.000 T), Idared (+24.000 T to 709.000 T), Red Delicious and Pinova (+14.000 T each, reaching 654.000 T and 197.000 T respectively), and Cripps Pink (+7.000 T to 240.000 T). On the other hand, Gala decreased (- 10.000 T to 1.553.000 T). Other EU countries and Switzerland represent around 200.000 T. In the **USA, the apple crop** is confirmed to be stable at 4,644.000 T (6% down to last year), despite some readjustment within the breakdown by states and varieties. The major varieties in the USA are Gala (863.000 T), Red Delicious (625.000 T), and Honey Crisps (542.000 T). Varietal shift continues in the US orchards, with positive development with new varieties such as Ambrosia and Cosmic Crisp. In the **US neighbourhood**, Mexico's production in 2021 was down by 2% at 700.000 T, while Canada's production dropped 11% to 360.000 T. The **Chinese apple crop** was estimated in August just below 45 Mio T, dominated by the Shaanxi (12,5 Mio T) and Shandong (9,5 Mio T) provinces, which together account for close to 50% of the Chinese apples production. The crop in **EU neighbourhood** was set at 8 Mio T, covering Turkey (4 Mio T), Russia (1,4 Mio T), Ukraine (1,3 Mio T),

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Moldova (600.000 T), Serbia (535.000 T), and North Macedonia (140.000 T). In **Central Asia**, the apple crop is around 2,5 Mio T, out of which 50% is in Uzbekistan (1.250.000 T), followed by Azerbaijan (300.000 T), Tajikistan (250.000 T), Kazakhstan (200.000 T), and Kyrgystan (150.000 T). Production in **India** is forecasted at 2,65 Mio T. In the **Southern Hemisphere**, the final apple crop was set at 5.230.000 T.

In regard to pears, the **European pear production** is estimated to reach 1.666,000 T in 2021/2022, which is 3,87% (or 61.000 T) above the August forecast. This increase is resulting from an increase in Belgium (+59.000 T to 354.000 T) and the Netherlands (+15.000T to 340.000 T) but compensated among others by a decrease in France (-1.000 T to 56.000 T) and a further decline in the Italian crop due to the severe consequences of the climatic havocs experienced in the main producing regions (-11.000 T to 202.000 T, while the orchard potential is over 700.000 T). On the varieties, Conference is set to increased by 68.000 T to 873.000 T while Abate should decrease by 12.000 T to 53.000 T. Regarding **USA pear production**, there is a slight increase from 525.000 T to 529.000 T, driven by Oregon and Washington State, while production in California is severely impacted by the lack of water and labour shortage . The main varieties for the seasons are Williams BC (270.000 T), Anjou (170.000 T), and Bosc (60.000 T). Elsewhere in the Northern Hemisphere, **China** reported a forecast of pear production of 18,5 Mio T, **Turkey** of 539.000 T, and **India** of 89.000 T. In the **Southern Hemisphere**, the 2021 pears crop ended with a total volume of 1.346.000 T.

Philippe Binard, Secretary-General of WAPA commented: *“This year, given the difficult climatic conditions, forecast of production was not easy to be made, in particular regarding the uncertainties on the impact of frost and other spring weather conditions for the quality and the size of products. Looking back, the work undertaken in the different countries was rather precise, as only limited variations were noted. Those were primarily influenced by the good conditions during the summer months in the Northern Hemisphere”*. Mr Binard added: *“In addition to the apple and pear production forecast, WAPA collects stock figures from the major producing countries throughout the season. As of December, WAPA is resuming the collection of data for the stocks as now the crop is fully harvested and stocks data are now able to be calculated in a reliable manner”*.

WAPA can reveal that EU apple stocks stood at 4,865,028 T as of 1 December 2021, which is 6.9% above the figure of 2020, which reflects the 11% increase in the crop. On the other hand, pear stocks stood at 654,484 T on 1 December 2021, 26,9% below the volume of 2020, mostly because of the large decrease in Italy. In Europe, the final pear crop is 26% lower than a year ago. For the USA, apple stocks in December stand at 1,909,045 T, down 2,58% compared to 2020. This level is reflecting the lower crop in Washington States this year, which stands at just below 3.000,000 T, 4% less than last year. Pears stocks in the USA stand at 224,278 T, which is 21,6% above last year. Philippe Binard informs: *“Once completed, the stocks will be released on a monthly basis.. WAPA will release the stocks level from the 1<sup>st</sup> of January 2022 at the beginning of February. These figures will be made public on the [WAPA website](#)”*.

In regard to the current season, Domink Wozniak, President of WAPA commented: *“Several factors influence the development of this Northern Hemisphere season. The rise in costs for production input, packaging, energy or labour as well as the predicted inflation will have an impact on producer’s margins and competitiveness. Moreover, logistics challenges in terms of availability and costs are some*

*of the new factors influencing trade patterns. Mixed fortune is also expected on market access considering for the European exporters the Belarus embargo as of January 1<sup>st</sup> combined with the on-going Russian embargo. For the USA, the effects of counter-sanctions in the Steel and Aluminium dossiers are affecting in particular US exports to distant markets such as India. USA trade is expected to primarily focus in North America to the Mexican and Canadian neighbours. In Asia, all exporters are confronted with increased burdens to access China due to increased COVID related controls and logistics hurdles in the port". On the global stage, one should consider the role of new players such as Serbia, Moldova, Ukraine, Turkey, or Iran. China is also developing its export potential with exports now exceeding one million tons on apples, primarily to South East Asian neighbour. Mr Wozniak added: "Overall in the Northern Hemisphere, the local sourcing will remain a priority in many places considering on-going uncertainties on the world market. However, the growth of apple and pear production in the North Hemisphere, in particular in EU neighbourhood and Central Asia, makes it important to continue diversify the variety assortment for taste expected by consumers. Raising the quality and meeting new sustainability expectations of policy and consumers would facilitate a new boost of the consumption of apples and pears. At the same time, the global apple and pear community should continue searching for new opportunities for the apple and pear consumption in many markets around the world".*

WAPA is slated to host Prongosfruit in Belgrade (Serbia) on 10 and 11 August 2022, in cooperation with Serbia Does Apples. Information will be provided end of March 2022 on the Prognosfruit website ([www.prognosfruit.eu](http://www.prognosfruit.eu)).

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WAPA was founded in August 2001 with the objectives of providing a forum for discussion on matters of interest to the apple and pear business and initiating recommendations to strengthen the sector. The current President of the Association is Nicholas Dicey (HortGro - South Africa) and the current Vice-President is Dominik Woźniak (Society for Promotion of Dwarf Fruit Orchards / Rajpol - Poland). WAPA membership includes the following countries and areas: Argentina, Australia, Austria, Belgium, Brazil, Chile, China, France, Germany, Italy, Moldova, the Netherlands, New Zealand, Poland, Scandinavia, Slovenia, South Africa, Ukraine, the UK and the USA.



# EU 27 and United Kingdom

## Apple production by country

x 1000 tons												
Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Austria	157	155	188	177	40	67	184	146	126	120	-5	-21
Belgium	220	220	318	285	234	88	231	242	168	240	43	12
Croatia	59	96	62	101	35	66	86	60	55	65	18	-3
Czech Rep	118	121	131	156	139	102	145	103	118	126	7	3
Denmark	18	23	26	24	24	19	24	15	24	18	-25	-14
France	1.119	1.576	1.444	1.674	1.514	1.424	1.477	1.651	1.337	1.363	2	-8
Germany	972	804	1.116	973	1.033	597	1.093	991	1.023	1.080	6	4
Greece	242	236	245	242	259	231	301	276	280	203	-28	-29
Hungary	750	585	920	522	498	530	782	452	350	520	49	-2
Italy	1.939	2.122	2.456	2.280	2.272	1.704	2.264	2.096	2.124	2.044	-4	-5
Latvia	9	15	10	8	10	8	14	10	14	12	-14	-5
Lithuania	39	40	27	46	50	48	62	26	60	32	-47	-35
Netherlands	281	314	353	336	317	228	267	272	220	245	11	-3
Poland	2.900	3.170	3.750	3.979	4.035	2.870	4.810	2.910	3.410	4.300	26	16
Portugal	221	284	272	329	263	314	267	354	278	312	12	4
Romania	351	387	382	336	327	230	425	327	384	410	7	8
Slovakia	36	42	46	40	17	15	44	35	30	31	3	-15
Slovenia	45	56	68	71	12	6	72	36	46	19	-59	-63
Spain	391	464	505	482	495	480	476	555	425	543	28	12
Sweden	14	17	16	21	20	18	32	20	32	27	-16	-4
UK	162	204	206	243	239	207	219	205	196	187	-5	-10
<b>Total:</b>	<b>10.045</b>	<b>10.929</b>	<b>12.541</b>	<b>12.326</b>	<b>11.833</b>	<b>9.251</b>	<b>13.275</b>	<b>10.783</b>	<b>10.700</b>	<b>11.895</b>	<b>11</b>	<b>3</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2020 - 2019 - 2018



# EU 27 and United Kingdom

## Apple production by variety

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Annurca	35	35	40	35	35	35	40	45	45	46	2	6
Boskoop	58	58	85	77	71	34	66	55	46	59	29	6
Braeburn	264	302	323	327	318	220	312	286	251	247	-1	-13
Bramley	59	70	83	84	85	75	72	54	50	44	-13	-25
Cortland	40	25	25	26								
Cox	38	42	26	34	29	20	23	17	29	24	-19	4
Cripps Pink	144	187	249	244	261	260	275	289	273	248	-9	-11
Elstar	353	346	431	399	387	265	357	363	312	344	10	0
Fuji	212	311	321	338	288	290	332	316	313	299	-4	-7
Gala	1.111	1.204	1.318	1.382	1.312	1.271	1.467	1.439	1.443	1.553	8	7
Gloster	187	196	201	183	197	166	190	145	154	201	30	24
Golden Delicious	2.286	2.535	2.677	2.534	2.406	1.911	2.403	2.261	1.967	2.132	8	-4
Granny Smith	302	361	383	405	384	363	393	372	365	310	-15	-18
Idared	986	1.069	1.192	1.129	965	629	1.177	592	626	709	13	-11
Jonagold	475	500	644	633	567	298	577	391	312	444	42	4
Jonagored	367	341	491	519	539	335	563	246	250	265	6	-25
Jonathan	201	178	193	143	123	108	164	96	96	76	-20	-36
Lobo	50	30	30	31								
Morgendurf/impera	53	57	74	46	49	54	58	48	54	27	-50	-49
Pinova	43	62	79	119	104	85	155	140	161	197	22	30
Red Delicious	541	597	675	643	632	558	737	678	660	654	-1	-5
Red Jonaprince	48	53	98	104	156	114	371	407	441	475	8	17
Reinette Grise du C	73	121	126	134	108	83	142	129	131	136	4	2
Shampion	423	457	494	513	522	416	569	413	423	464	10	-1
Spartan	6	6	6	6	4	3	5	3	4	4	1	3
Stayman	12	18	14	14	14	8	7	2	2	0	-100	-100
Other new varieties	50	165	177	219	224	209	356	319	334	379	13	13
Other	1.377	1.345	1.796	1.701	1.723	1.192	2.115	1.528	1.748	2.276	30	27
Ligol	250	260	290	303	330	250	350	150	210	280	33	18
<b>Total:</b>	<b>10.045</b>	<b>10.929</b>	<b>12.541</b>	<b>12.326</b>	<b>11.833</b>	<b>9.251</b>	<b>13.275</b>	<b>10.783</b>	<b>10.700</b>	<b>11.895</b>	<b>11</b>	<b>3</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2020 - 2019 - 2018

(3) Other new varieties: Ariane, Belgica, Cameo, Diwa, Greenstar, Honey Crunch, Jazz, Junami, Kanzi, Mariac, Rubens, Tentation, Wellant,...



# EU 27 and United Kingdom

## Pear production by country

											x 1000 tons	
Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Belgium	236	315	374	369	322	310	369	332	393	354	-10	-3
Croatia	2	3	2	2	1	6	4	3	2	2	0	-29
Czech Rep	6	7	4	10	7	4	7	6	6	7	14	3
Denmark	5	6	6	6	6	5	6	4	6	6	0	13
France	124	157	131	155	138	133	134	121	133	56	-58	-57
Germany	34	34	45	43	35	23	45	42	39	42	8	0
Greece	42	32	37	60	47	59	60	58	80	44	-45	-34
Hungary	25	36	40	33	38	35	38	32	16	17	3	-43
Italy	650	726	736	764	681	738	730	363	611	202	-67	-64
Latvia	0	0	1	0	0	0	0	1	1	1	0	-1
Netherlands	199	327	349	349	374	330	402	373	400	340	-15	-13
Poland	45	65	50	80	55	40	70	70	65	70	8	2
Portugal	115	162	203	134	113	186	142	202	139	189	36	17
Romania	19	24	17	13	16	12	21	16	19	21	6	11
Slovakia	0	1	0	1	0	1	1	1	1	1	12	-6
Slovenia	3	3	4	4	1	0	5	1	1	0	-67	-84
Spain	355	403	400	344	311	331	298	313	307	300	-2	-2
Sweden	1	1	1	1	1	1	2	1	2	2	-15	2
UK	28	26	25	25	24	23	23	20	17	15	-12	-25
<b>Total:</b>	<b>1.888</b>	<b>2.330</b>	<b>2.425</b>	<b>2.394</b>	<b>2.171</b>	<b>2.237</b>	<b>2.358</b>	<b>1.959</b>	<b>2.236</b>	<b>1.666</b>	<b>-26</b>	<b>-24</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2018 - 2019 - 2020



# EU 27 and United Kingdom

## Pear production by variety

x 1000 tons												
Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Abate F	256	304	358	333	296	328	318	140	247	53	-79	-78
Blanquilla	59	54	49	44	40	43	40	37	38	35	-9	-9
Conference	693	894	952	967	908	871	988	892	984	873	-11	-8
Coscia-Ercollini	77	80	66	79	67	79	70	63	73	55	-25	-20
Doyenne du Comice	58	83	94	87	82	59	82	62	72	47	-35	-35
Durondeau	5	6	6	5	3	2	4	3	3	2	-24	-27
Guyot	70	80	67	74	59	65	58	58	55	31	-43	-45
Kaiser	39	54	33	45	38	43	45	17	41	11	-73	-68
Passacrassana	17	14	11	12	11	9	10	7	8	3	-56	-58
Rocha	115	162	203	134	113	186	142	202	139	189	36	17
William BC	252	283	278	283	261	263	272	200	257	126	-51	-48
Other	246	318	308	330	292	287	329	278	319	240	-25	-22
<b>Total:</b>	<b>1.888</b>	<b>2.330</b>	<b>2.425</b>	<b>2.394</b>	<b>2.171</b>	<b>2.237</b>	<b>2.358</b>	<b>1.959</b>	<b>2.236</b>	<b>1.666</b>	<b>-26</b>	<b>-24</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2018 - 2019 - 2020

## Extra EU

### Apple production by country, by variety

#### USA, by major apple producing state (US Apple Estimate)

							<i>x 1000 tons</i>
<b>State</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>F2021</b>	<b>(1)</b>
<b>New York</b>	535	544	633	550	628	572	-9%
<b>Pennsylvania</b>	200	222	221	200	189	200	6%
<b>Virginia</b>	82	100	93	100	74	90	22%
<b>Michigan</b>	533	363	476	500	420	348	-17%
<b>Washington</b>	3,320	3,039	3,039	3,449	3,137	2,996	-4%
<b>California</b>	114	104	113	112	123	84	-32%
<b>Oregon</b>	89	79	77	100	79	79	0%
<b>Other States</b>	240	285	288	297	275	275	0%
<b>Total*</b>	5,113	4,736	4,940	5,308	4,925	4,644	-6%

(1) *Percentage difference between F2021 and 2020*



## Extra EU

### Apple production by country, by variety

## USA

*x 1000 tons*

<b>Variety</b>	<b>2020</b>	<b>F2021</b>	<b>(1)</b>
Braeburn	13	9	-34
Cameo	0	0	
Cortland	36	33	-8
Cripps Pink	194	220	13
Empire	82	72	-12
Fuji	543	509	-6
Gala	979	863	-12
Golden Delicious	280	254	-9
Granny Smith	423	476	13
Honeycrisp	516	542	5
Idared	143	121	-15
Jonagold	0	0	
Jonathan	15	12	-20
Mc Intosh	110	96	-13
Northern Spy	0	0	
Red Delicious	741	625	-16
Rome	114	101	-11
Stayman	4	4	-8
York	84	84	0
Other	647	623	-4
<b>Total USA:</b>	<b>4.925</b>	<b>4.644</b>	<b>-6</b>

*(1) Percentage difference between F2021 and 2020*

# Extra EU

## Pear production by country, by variety

### USA

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Anjou	205	232	224	194	166	169	187	190	158	169	7	-5
Bartletts / William BC	356	363	336	347	333	303	294	286	253	270	7	-3
Bosc	65	75	62	70	70	53	70	49	54	59	8	2
Doyenne du Comice	5	6	5	4	6	3	4	3	3	2	-10	-29
Red Anjou	20	22	22	19	20	20	19	22	16	19	18	1
Seckel	1	1	1	1	1	1	1	1	1	1	-17	-19
Other Reds	1	7	8	10	9	8	8	7	6	7	25	0
Other Varieties	13	6	5	3	4	3	4	3	2	3	15	-9
<b>Total USA:</b>	<b>666</b>	<b>711</b>	<b>663</b>	<b>648</b>	<b>608</b>	<b>561</b>	<b>587</b>	<b>559</b>	<b>493</b>	<b>529</b>	<b>7</b>	<b>-3</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2018 - 2019 - 2020

## Extra EU

### Apple production

#### China, by province (CFNA)

				<i>x 1000 tons</i>
Province	2019	2020*	F2021	(1)
<b>Shaanxi</b>	11,356,000	11,850,000	12,442,500	5%
<b>Shandong</b>	9,502,000	10,452,200	9,406,980	-10%
<b>Shanxi</b>	4,219,000	3,797,100	3,873,042	2%
<b>Henan</b>	4,088,000	4,905,600	5,003,712	2%
<b>Gansu</b>	3,045,000	2,436,000	2,314,200	-5%
<b>Liaoning</b>	2,488,000	2,537,760	2,114,800	-17%
<b>Hebei</b>	2,216,000	2,659,200	2,526,240	-5%
<b>Xinjiang</b>	1,707,000	1,758,210	1,810,956	3%
<b>Sichuang</b>	765,000	787,950	795,830	1%
<b>Yunnan</b>	550,000	566,500	577,830	2%
<b>Jiangsu</b>	540,000	556,200	567,324	2%
<b>Other</b>	1,949,000	1,759,280	3,506,586	99%
<b>Total</b>	42,425,000	44,066,000	44,940,000	2%

(1) *Percentage difference between F2021 and 2020*

## Extra EU

### Pear production by country

#### China, by province (CFNA)

				<i>x 1000 tons</i>
Province	2019	2020*	F2021	(1)
Hebei	3,632,000	3,502,000	3,607,060	3%
Xinjiang	1,217,000	1,545,000	1,560,450	1%
Henan	1,374,700	1,382,000	1,409,640	2%
Liaoning	1,305,600	1,330,000	1,356,600	2%
Anhui	1,254,000	1,275,000	1,300,500	2%
Shandong	1,042,400	1,110,000	1,154,400	4%
Shaanxi	1,046,000	1,043,000	990,850	-5%
Shanxi	861,000	977,000	986,770	1%
Sichuan	943,200	956,000	965,560	1%
Jiangsu	778,600	784,000	799,680	2%
<b>Total</b>	<b>17,298,365</b>	<b>17,815,000</b>	<b>18,500,000</b>	<b>4%</b>

(1) *Percentage difference between F2021 and 2020*

# Southern Hemisphere

## Apple Production by country

### Apples

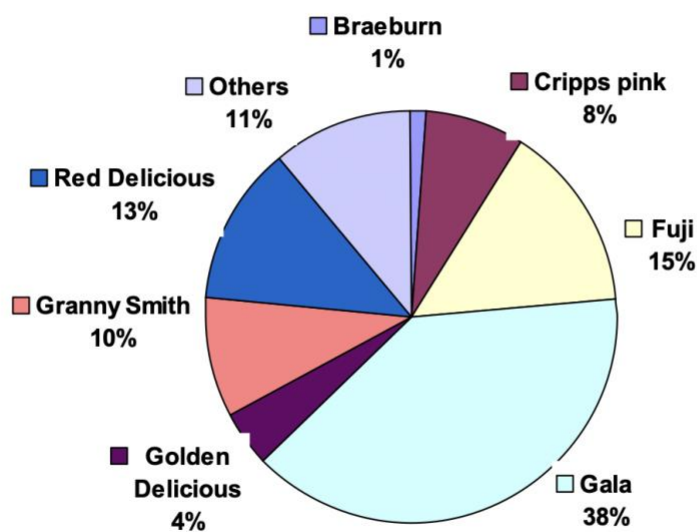
x 1000 tons

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Argentina	840	776	744	760	774	545	557	550	614	617	0	8
Australia	293	289	275	309	301	306	292	288	220	271	23	2
Brazil	1.184	1.063	1.165	1.145	826	1.329	1.094	1.101	939	1.270	35	22
Chile	1.806	1.746	1.670	1.708	1.635	1.675	1.761	1.665	1.515	1.512	0	-8
New Zealand	476	550	478	554	539	506	576	554	575	547	-5	-4
South Africa	813	907	794	924	902	940	884	878	955	1.013	6	12
<b>Total</b>	<b>5.412</b>	<b>5.331</b>	<b>5.126</b>	<b>5.400</b>	<b>4.977</b>	<b>5.300</b>	<b>5.165</b>	<b>5.035</b>	<b>4.818</b>	<b>5.230</b>	<b>9</b>	<b>4</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2018- 2019 - 2020

### SH Apple Production by variety



# Southern Hemisphere

## Pear Production by country

x 1000 tons

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Argentina	743	801	702	782	815	578	579	600	648	656	1	8
Australia	124	129	107	104	100	102	105	94	85	87	2	-8
Chile	189	200	170	188	177	149	185	193	166	161	-3	-11
New Zealand	9	12	10	12	12	11	14	12	13	11	-10	-12
South Africa	361	379	399	415	432	436	423	411	418	431	3	3
<b>Total</b>	<b>1.426</b>	<b>1.521</b>	<b>1.388</b>	<b>1.500</b>	<b>1.535</b>	<b>1.276</b>	<b>1.305</b>	<b>1.310</b>	<b>1.330</b>	<b>1.346</b>	<b>1</b>	<b>2</b>

(1) Percentage difference between F2021 and 2020

(2) Percentage difference between F2021 and the average of 2018 - 2019 - 2020

## Pear Production by variety

