



SOUTHERN HEMISPHERE FRESH APPLE AND PEAR CROP FORECAST

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Introduction

WAPA is pleased to provide the 2021 apple and pear crop estimate for the Southern Hemisphere. This report has been compiled with the support of ASOEX (Chile), CAFI (Argentina), ABPM (Brazil), Hortgro (South Africa), APAL (Australia) and New Zealand Apples and Pears, and therefore provides consolidated data from the six leading Southern Hemisphere countries. Compiling this data has previously proved a valuable exercise for the global apple and pear industry and a reliable source of information when the season progressively shifts from the Northern to the Southern Hemisphere.

Regarding apples, the aggregate Southern Hemisphere 2021 crop forecast suggests an increase of 6% (**5.009.000 T**) compared to last year (4.818.000 T), with increases in Australia, Brazil, and South Africa of 23%, 20% and 6% respectively, a decrease in New Zealand of 5%, and stabilisation in Argentina and Chile. The aggregate increased by 2% compared to the average of crops between 2018 and 2020.

Chile remains the largest Southern Hemisphere apple producer in 2021 at 1.512 million T, with Brazil in second place (1.130 million T), followed by South Africa (1.013 million T), Argentina (617 million T), New Zealand (547 million T), and Australia (271 million T). Export figures are estimated to remain stable at 1.691.562 T.

Regarding pears, the Southern Hemisphere growers predict a stabilisation of the crop at **1.346.000 T** and an increase of 2% compared to the overall average of years 2018-2020. The increases in South Africa, Australia, and Argentina of 3%, 2%, and 1% respectively compensated for the 3% and the 10% decreases in Chile and New Zealand respectively. Forecasted export figures for pears are reported to increase by 6% compared to the previous year and reach 708.690 T.

As indicated, these figures are the estimated production figures, which still might be subject to change. This report is also providing breakdown information by varieties and is detailing the market offer between export, domestic and industry.

All data is presented in metric tonnes.



Southern Hemisphere Apple Forecast 2021



Argentina

Apple production

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Granny Smith	148	137	131	134	136	96	98	96	146	138	-5	22
Red Delicious	461	426	408	417	425	299	306	305	305	335	10	10
Royal Gala	117	108	103	106	108	76	77	75	87	76	-13	-5
Other	114	106	101	103	105	74	76	73	76	68	-11	-9
Total	840	776	744	760	774	545	557	550	614	617	0	8

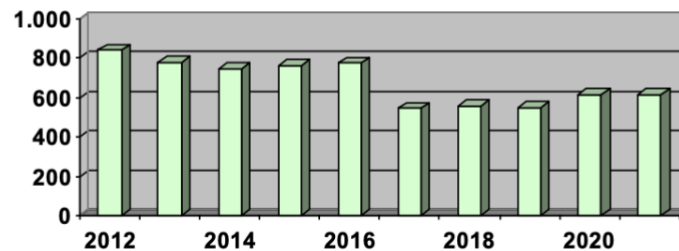
Argentina

(1) Percentage difference between F2021 and 2020

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

Argentina

- Apple Production



Apple market offer

MT	Market	2019	2020	F2021
Production		550.000	614.000	617.000
Market offer	Export	111.000	103.766	115.000
	Domestic	255.900	287.352	292.000
	Import			
	Domestic fresh offer			
	Industry	183.100	222.882	210.000
Population (000)				
Fresh consumption (kg/hab)		7,75 Kg/hab	7,75 Kg/hab	



Australia

Apple production

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Bonza	1	0	0	0	0	0	0	0				
Braeburn	3	1	0	0	0	0	0	0				
Cripps pink	89	90	96	99	98	103	105	99	82	95	16	0
Cripps red	15	19	15	18	15	10	5	4	0			
Red Delicious	29	26	15	24	23	17	15	13	9	12	33	-1
Fuji	21	22	25	24	25	24	23	20	13	16	23	-14
Golden Delicious	7	5	9	8	8	8	6	6	4	5	25	-6
Granny Smith	85	80	52	50	47	57	41	50	33	42	27	2
Jonagold & Jonath	3	1	1	0	0	0	0	0				
Lady Williams	2	2	1	0	0	0	0	0				
Royal Gala	32	36	55	69	65	64	72	69	50	64	28	0
Other	6	7	7	17	20	23	27	27	29	37	28	34
Total	293	289	275	309	301	306	292	288	220	271	23	2

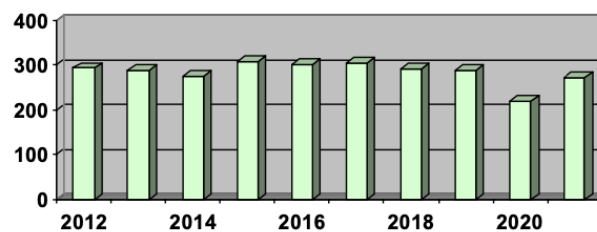
Australia

(1) Percentage difference between F2021 and 2020

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

Australia

- Apple Production



Apple market offer

MT	Market	2019	2020	F2021
Production		288.000	220.000	271.154
Market offer	Export	5.182	2.261	3.453
	Domestic	282.240	216.472	267.701
	Import	0.578	1.267	1.07
	Domestic fresh offer	218.065	184.201	224.065
	Industry	46.080	35.408	43.636
Population (000)		25.203	25.5	25.8
Fresh consumption (kg/hab)		8.7	7.2	8.7



Brazil

Apple production

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Fuji Other Clones	416	358	451	394	314	642	361	477	329	434	32	12
Gala Other Clones	679	619	610	679	469	612	674	570	562	643	14	7
Others	89	86	104	72	43	75	60	54	48	53	10	-1
Total	1.184	1.063	1.165	1.145	826	1.329	1.094	1.101	939	1.130	20	8

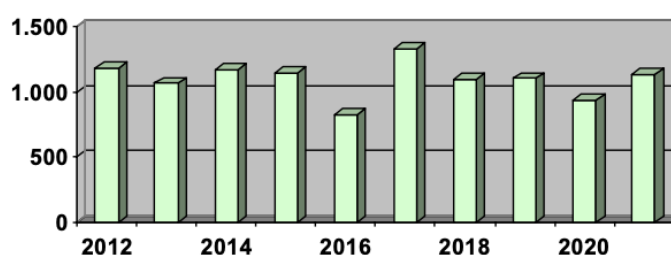
Brazil

(1) Percentage difference between F2021 and 2020

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

Brazil

- Apple Production



Apple market offer

MT	Market	2019	2020	F2021
Production		1.101	939	1.130
Market offer	Export	57	62	74
	Domestic	1.044	877	1.052
	Import	78	94	113
	Domestic fresh offer	934	781	937
	Industry	188	199	238
Population (000)		210.147	212.285	212.559
Fresh consumption (kg/hab)		4,44	3,68	4,44



Chile

Apple production

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Braeburn	53											
Cripps pink	153	166	161	204	176	160	168	159	145	144	0	-8
Fuji	166	168	168	146	163	151	158	150	136	136	0	-8
Gala	741	784	759	812	789	912	959	907	825	823	0	-8
Granny Smith	259	243	200	212	178	175	184	174	158	158	0	-8
Red Delicious	329	274	284	254	265	229	241	228	207	207	0	-8
Other	105	111	99	80	63	48	51	48	43	43	0	-9
Total	1.806	1.746	1.670	1.708	1.635	1.675	1.761	1.665	1.515	1.512	0	-8

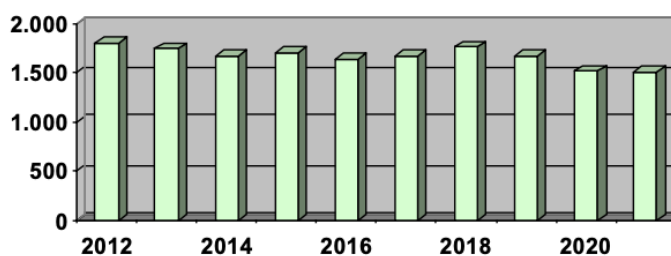
Chile

(1) Percentage difference between F2021 and 2020

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

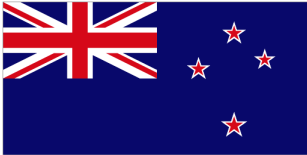
Chile

- Apple Production



Apple market offer

MT	Market	2019	2020	F2021
Production		1.664.899	1.514.582	1.512.000
Market offer	Export	732.556	652.163	650.773
	Domestic	332.980	308.007	307.390
	Industry	599.364	554.412	553.918



New Zealand

Apple production

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Braeburn	120	128	111	113	100	91	99	83	47	50	8-34	
Cripps Pink	24	27	26	34	34	29	41	40	46	39	-15	-8
Fuji	48	60	43	57	55	43	55	50	48	44	-7	-13
Granny Smith				21	18	18	17	17	19	19	-3	4
Jazz	52	52	52	48	53	48	55	47	47	39	-18	-22
Royal Gala	144	161	141	168	165	152	165	163	170	165	-3	-1
Other	49	78	60	61	60	69	85	95	140	134	-4	26
Pacific series	39	44	45	51	54	55	59	59	57	57	0	-2
Total	476	550	478	554	539	506	576	554	575	547	-5	-4

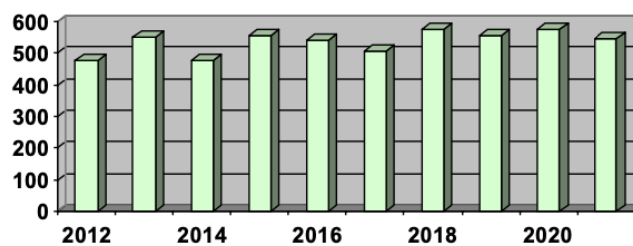
New Zealand

(1) Percentage difference between F2021 and 2020

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

New Zealand

- Apple Production



Apple market offer

MT	Market	2019	2020	F2021
Production		553,849	574,770	547,338
Market offer	Export	391,597	399,581	372,226
	Domestic	51,938	60,340	62,982
	Import	133	100	100
	Domestic fresh offer	52,071	60,440	63,082
	Industry	110,315	114,849	112,130
Population (000)		4,923	5,002	5,050 (est.)
Fresh consumption (kg/hab)		10.6	12.1	12.5



South Africa

Apple production

x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1) (2)
Braeburn	33	36	24	29	26	27	23	22	24	26	6 11
Cripps pink	73	82	79	92	88	92	94	100	116	123	6 19
Cripps Red					34	35	46	53	60	64	6 20
Fuji	57	63	64	79	79	82	80	78	84	89	6 11
Golden Delicious	203	227	151	224	217	226	209	200	211	223	6 8
Granny Smith	171	190	199	162	155	161	136	127	133	141	6 7
Jazz					2	1	2	2	2	2	6 14
Oregon Spur	8	9	8	8	8	10	7	6	6	7	6 0
Royal Gala	122	136	127	150	150	152	149	147	158	168	6 11
Starking	34	38	24	31	30	31	21	17	17	18	6 -2
Topred	41	45	32	76	72	84	75	73	75	79	6 7
Kanzi					12	10	10	9	10	10	6 9
African Carmine					7	7	8	9	9	10	6 15
Other	71	80	87	74	23	21	26	35	50	53	6 45
Total	813	907	794	924	902	940	884	878	955	1.013	6 12

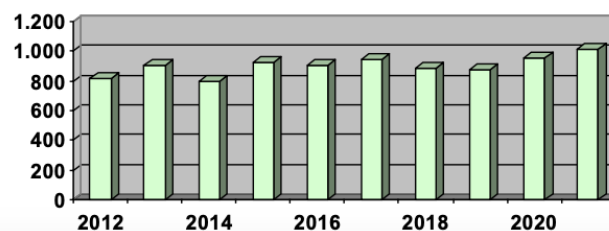
South Africa

(1) Percentage difference between F2021 and 2020

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

South Africa

- Apple Production



Apple market offer

MT	Market	2019	2020	F2021
Production		878.000	955.447	1.013.000
Market offer	Export	412.660	458.920	476.110
	Domestic	193.160	209.499	222.860
	Import	340	326	313
	Domestic fresh offer	198.793	209.825	219.198
	Industry	272.459	280.633	293.770
Population (000)		58.558	59.308	59.719
Fresh consumption (kg/hab)		3,39	3,54	3,67

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	1.130	20	8
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
Total	5.412	5.331	5.126	5.400	4.977	5.300	5.165	5.035	4.818	5.090	6	2

(1) Percentage difference between F2021 and 2020

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

Southern Hemisphere Apple Production by Variety

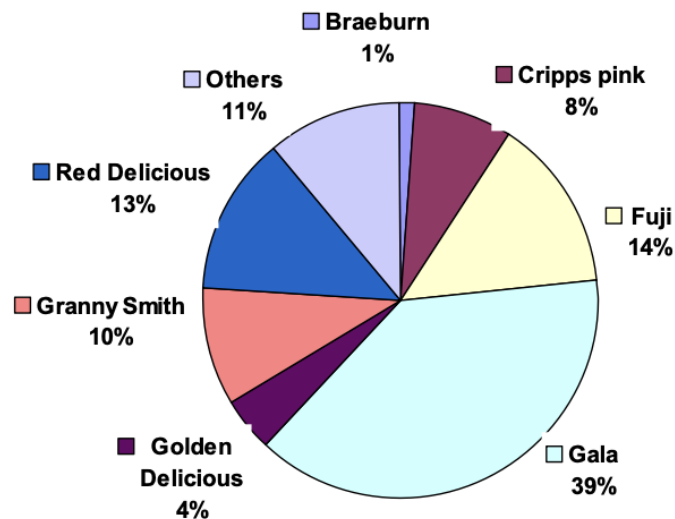
x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Braeburn	209	165	135	142	126	119	122	104	71	76	7	-23
Cripps pink	339	364	362	429	396	385	408	398	389	401	3	1
Fuji	708	672	749	700	636	941	676	774	610	719	18	5
Gala	1.835	1.845	1.796	1.984	1.746	1.968	2.096	1.931	1.853	1.939	5	-1
Golden Delicious	210	232	159	232	224	234	215	206	215	228	6	8
Granny Smith	663	650	582	579	534	507	476	465	490	498	2	4
Red Delicious	902	819	770	810	824	669	664	642	619	658	6	3
Others	547	585	572	523	492	477	507	514	572	570	0	7
Total:	5.412	5.331	5.126	5.400	4.977	5.300	5.165	5.035	4.818	5.090	6	2

(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 Apple Exports by Country

Country (MT)	2017	2018	2019	2020	F2021	(1)	(2)
Argentina	90,300	102.100	111.000	103.766	115.000	11%	9%
Australia	4.625	4.220	5.182	2.261	3.453	53%	-11%
Brazil	55.437	71.000	57.000	62.000	74.000	19%	17%
Chile	659.573	774.710	732.556	652.163	650.773	0%	-10%
New Zealand	338.921	372.373	391.597	399.581	372.226	-7%	-4%
South Africa	417.794	393.148	412.600	458.920	476.110	4%	13%
Total	1.566.650	1.717.551	1.709.935	1.678.691	1.691.562	1%	-1%



Southern Hemisphere Pear Forecast 2021



Argentina

Pear production

x 1000 tons

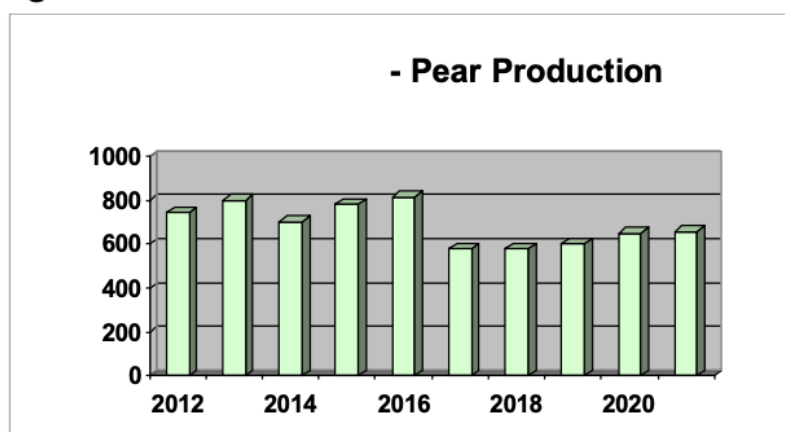
Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021 (1)	(2)	
Anjou	78	84	79	82	86	61	61	63	91	87	-4	22
Packham's	255	276	206	269	280	199	199	206	248	248	0	14
Williams BC	336	363	342	354	369	262	262	272	245	257	5	-1
Other	73	78	74	77	80	57	57	59	64	64	0	7
Total	743	801	702	782	815	578	579	600	648	656	1	8

Argentina

(1) Percentage difference between F2021 and 2020

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

Argentina



Pear market offer

MT	Market	2019	2020	F2021
Production		600.201	647.742	655.861
Market offer	Export	350.400	334.297	373.996
	Domestic	115.500	115.396	118.000
	Import			
	Domestic fresh offer			
	Industry	137.400	176.281	163865
Fresh consumption (kg/hab)		2,87Kg/cap	2,88 Kg/ cap	



Australia

Pear production

x 1000 tons

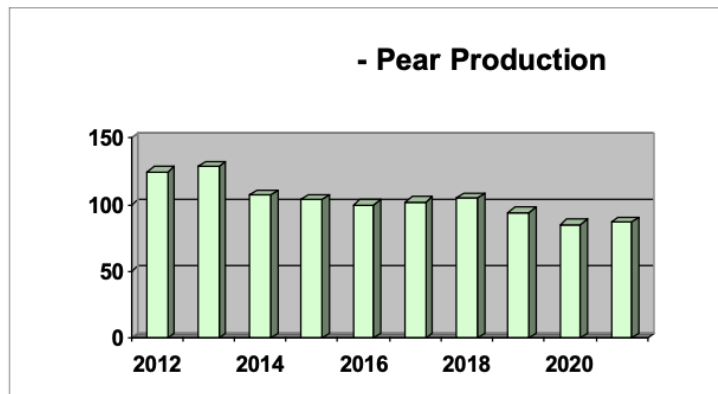
Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021 (1)	(2)
Beurre Bosc	8	9	9	12	0	0	0	0			
Corella	3	3	3	9	0	0	0	0			
Josephine	3	3	3	6	0	0	0	0			
Nashi	3	3	3	4	0	0	0	0			
Packham's	53	53	46	42	40	47	49	46	44	43	-2
Red Anjou	0	1	0	0	0	0	0	0			
Sensation	1	1	0	0	0	0	0	0			
Williams BC	52	54	41	27	25	26	33	33	27	29	7
Other	2	2	2	3	34	29	22	15	14	15	7
Total	124	129	107	104	100	102	105	94	85	87	2

Australia

(1) Percentage difference between F2021 and 2020

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

Australia



Pear market offer

MT	Market	2019	2020	F2021
Production		94.000	84.997	86.827
Market offer	Export	9.434	8.859	9.493
	Domestic	84.566	76.138	77.334
	Import	2.097	2.679	2.501
	Domestic fresh offer	68.620	50.418	50.985
	Industry	14.054	25.720	26.344
Population (000)		25.203	25.5	25.8
Fresh consumption (kg/hab)		2.4	2.0	2.0



Chile

Pear production

x 1000 tons

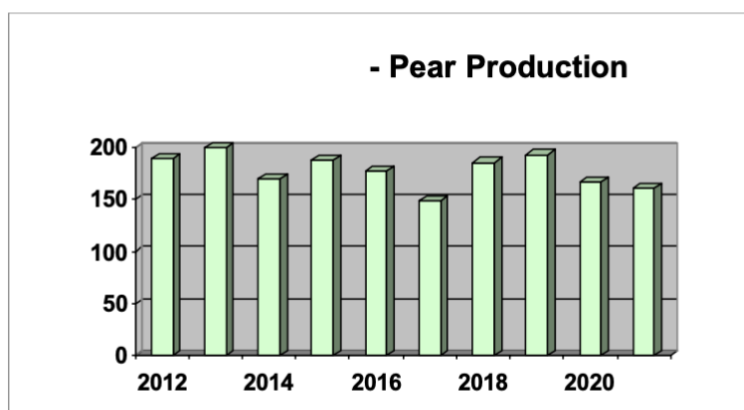
Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021 (1)	(2)	
Abate Fetel	37	44	34	46	40	36	45	47	41	40	-3	-11
Beurre Bosc	13	18	12	13	8	6	8	8	7	7	-3	-8
Forelle	13	17	17	24	26	24	30	31	27	26	-3	-11
Packham's	76	75	69	59	63	49	61	64	55	53	-3	-11
Coscia	14	14	7	14	14	12	15	16	13	13	-3	-14
Williams BC	10	9	7	10	8	6	7	8	7	6	-3	-13
Winter Nelis												
Other	27	24	24	23	20	15	18	19	17	16	-3	-11
Total	189	200	170	188	177	149	185	193	166	161	-3	-11

Chile

(1) Percentage difference between F2021 and 2020

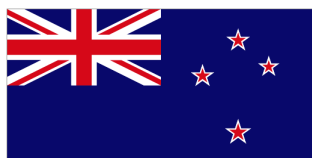
(2) Percentage difference between F2021 and the average of 2018 - 2019 - 2020

Chile



Pear market offer

MT	Market	2019	2020	F2021
Production		192.633	165.498	161.000
Market offer	Export	134.843	112.043	108.315
	Domestic	19.263	17.818	17.230
	Industry	38.527	35.637	35.455



New Zealand

Pear production

x 1000 tons

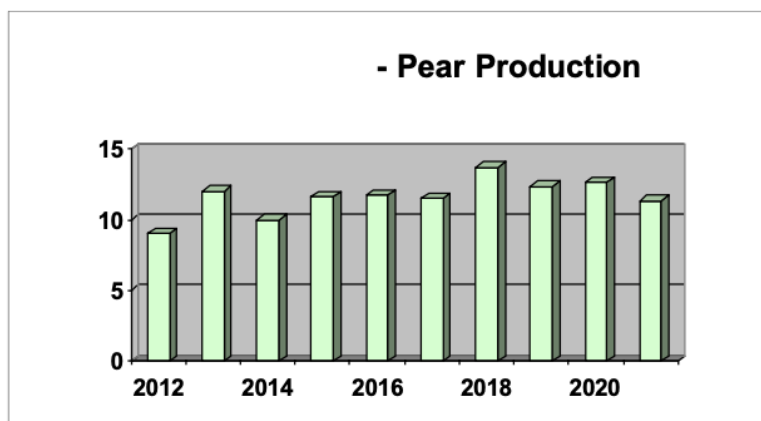
Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021 (1)	(2)
Other	9	12	10	12	12	11	14	12	13	11	-10
Total	9	12	10	12	12	11	14	12	13	11	-10

New Zealand

(1) Percentage difference between F2021 and 2020

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

New Zealand



Pear market offer

MT	Market	2019	2020	F2021
Production		12,324	12,603	11,334
Market offer	Export	3,864	2,638	2,525
	Domestic	6,204	7,875	6,668
	Import	3,763	4,352	4,000
	Domestic fresh offer	9,967	12,227	10,668
	Industry	2,257	2,089	2,141
Population (000)		4,923	5,002	5,050
Fresh consumption (kg/hab)		2.02	2.4	2.1



South Africa

Pear production

x 1000 tons

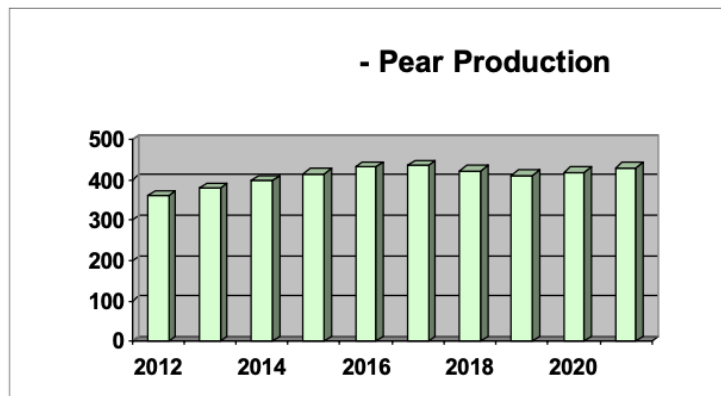
Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021 (1)	(2)	
Abate Fetel				27	28	28	27	24	25	25	3	0
Beurre Bosc	11	11	12	5	5	7	5	5	4	4	3	-7
Doyenne Du	7	8	8	6	6	6	5	5	4	4	3	-5
Early Bon C	32	34	36	36	37	43	46	47	48	49	3	5
Forelle	94	99	104	109	113	86	83	76	81	83	3	4
Packham's	105	110	116	135	143	144	140	139	141	145	3	4
Rosemarie	11	11	12	5	5	9	8	8	10	10	3	17
Vermont Be				19	20	29	28	32	30	31	3	3
Williams BC	56	59	62	50	51	46	39	32	29	30	3	-10
Cheeky				6	6	12	14	15	17	18	3	14
Other	45	48	50	16	17	26	27	28	29	30	4	6
Total	361	379	399	415	432	436	423	411	418	431	3	3

South Africa

(1) Percentage difference between F2021 and 2020

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

South Africa



Pear market offer

MT	Market	2019	2020	F2021
Production		411.000	418.113	430.656
Market offer	Export	213.720	210.264	214.361
	Domestic	53.430	55.668	57.338
	Import	295	286	258
	Domestic fresh offer	53.605	55.954	57.596
	Industry	143.850	153.500	158.105
Population (000)		58.558	59.308	59.719
Fresh consumption (kg/hab)		0.92	0.94	0.96

Southern Hemisphere Pear Production by Country

Pears

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
Total	1.426	1.521	1.388	1.500	1.535	1.276	1.305	1.310	1.330	1.346	1	2

(1) Percentage difference between F2021 and 2020

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

Southern Hemisphere Pear Production by Variety

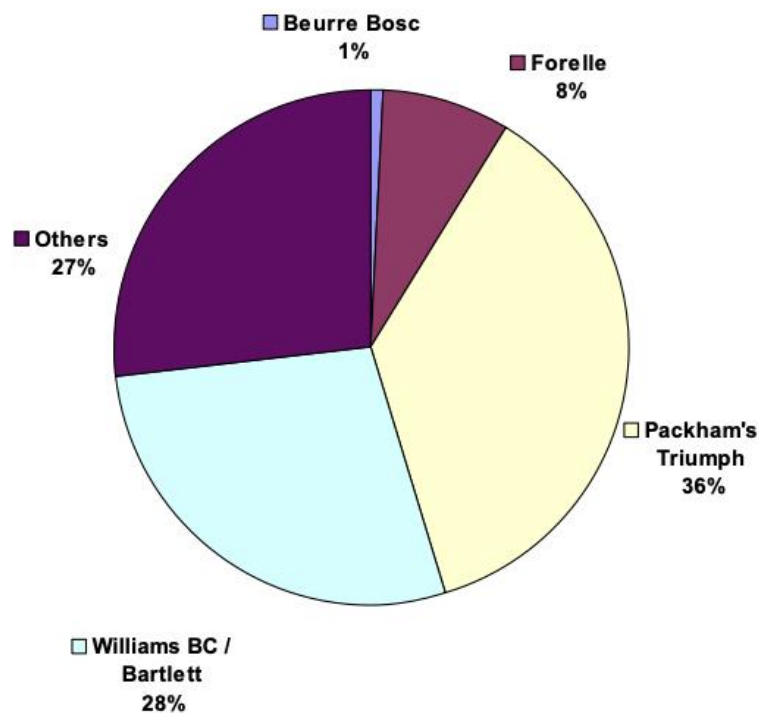
x 1000 tons

Variety	2012	2013	2014	2015	2016	2017	2018	2019	2020	F2021	(1)	(2)
Beurre Bosc	32	38	33	30	13	13	13	13	12	12	-1	-8
Forelle	107	115	120	132	139	110	113	107	108	109	1	0
Packham's T	489	513	436	505	526	439	450	455	488	489	0	5
Williams BC	487	519	488	478	490	383	387	391	355	371	5	-2
Others	312	336	309	354	367	331	342	344	367	364	-1	4
Total:	1.426	1.521	1.388	1.500	1.535	1.276	1.305	1.310	1.330	1.346	1	2

(1) Percentage difference between F2021 and 2020

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

SH Pear Production by variety



Southern Hemisphere Pear Exports by Country

Country (MT)	2017	2018	2019	2020	F2021	(1)	(2)
Argentina	301.600	337.900	350.400	334.297	373.996	12%	10%
Australia	9.111	11.912	9.434	8.859	9.493	7%	-6%
Chile	148.849	129.541	134.843	112.043	108.315	-3%	-14%
New Zealand	3.595	4.816	3.864	2.638	2.525	-4%	-33%
South Africa	218.426	212.149	213.720	210.264	214.361	2%	1%
Total	681.581	696.318	712.261	668.101	708.690	6%	2%