



SOUTHERN HEMISPHERE FRESH APPLE AND PEAR CROP FORECAST

FEBRUARY 2019

WAPA – World Apple & Pear Association

Rue de Trèves 49-51, bte 8
1040 Brussels, Belgium

Tel: +32 2 777 15 80
Fax: +32 2 777 15 81
wapa@wapa-association.org
www.wapa-association.org
[@WapaAssociation](#)



Table of contents

Introduction	3
Southern Hemisphere Apple Forecast 2019	4
Argentina	5
Australia	6
Brazil.....	7
Chile.....	8
New Zealand	9
South Africa	10
Southern Hemisphere Apple Production by Country.....	11
Southern Hemisphere Apple Exports by Country.....	11
Southern Hemisphere Apple Production by Variety	12
Southern Hemisphere Pear Forecast 2019	13
Argentina	14
Australia	15
Chile.....	16
New Zealand	17
South Africa	18
Southern Hemisphere Pear Production by Country	19
Southern Hemisphere Pear Exports by Country.....	19
Southern Hemisphere Pear Production by Variety	20
General Comments	201
Argentina	21
Australia	222
Brazil.....	244
Chile.....	255
New Zealand	266
South Africa	28



Introduction

WAPA is pleased to provide the 2019 apple and pear crop estimate for the Southern Hemisphere. This report has been compiled with the support of ASOEX (Chile), CAFI (Argentina), ABPM (Brazil), SAAPPA (South Africa), APAL (Australia) and Pipfruit New Zealand (New Zealand), 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 2019 crop forecast suggests an increase of 2% (5.261.000 T) compared to last year (5.165.000 T), with an increase of 9% in Argentina and Australia, 5% in Brazil and South Africa, and 3% in New Zealand. Chile estimates a decrease of -5%. The aggregate increased by 2% compared to the average of crops between 2016 and 2018.

Chile remains the largest Southern Hemisphere apple producer in 2019 at 1.665 million T, while Brazil keeps the second place with 1.150 million T. South Africa took the third place with 928.000 T, despite drought in certain production regions, and Argentina becomes fourth with 608.000 T. New Zealand with 591.000 T and Australia with 318.000 T complete the picture. Export figures are estimated to remain stable at 1.739.000 T (increase of 1%).

Regarding pears, the Southern Hemisphere growers predict an increase of the crop compared to 2018 by 2% to 1.327.000 T and a decrease by 3% compared to the overall average of years 2016-2018. Australia and New Zealand report an expected decline of -7% and -2% compared to 2018 to 98.000 T and 13.000 T respectively. South Africa estimates to remain stable with 423.000 T. Argentina expects an increase of 4% to 600.000 T, remaining the biggest pear producer of the Southern Hemisphere. Chile increased its production by 4%. Forecasted export figures for pears are reported to increase by 2% down compared to 2018 at 712.000 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 2019



Argentina

Apple production

x 1000 tons

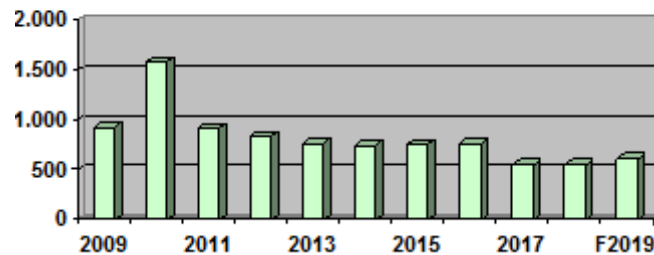
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Granny Smith	1.101	162	148	137	131	134	136	96	98	107	9	-3
Red Delicious	316	505	461	426	408	417	425	299	306	334	9	-3
Royal Gala	80	128	117	108	103	106	108	76	77	84	9	-3
Other	78	125	114	106	101	103	105	74	76	83	9	-3
Total	1.576	920	840	776	744	760	774	545	557	608	9	-3

Argentina

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016-2017-2018

- Apple Production



Apple market offer

MT	Market	2017	2018	F2019
Production		544.500	557.300	608.200
Market offer	Export	90.300	102.100	111.000
	Domestic	270.300	285.600	310.400
	Import Industry	183.900	168.400	183.100
Population (000)		40.000.000		
Fresh consumption (kg/hab)				



Australia

Apple production

x 1000 tons

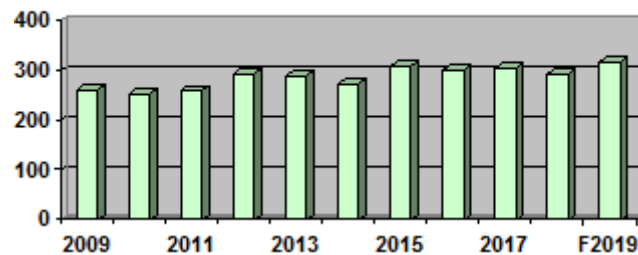
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Bonza	1	1	1	0	0	0	0	0	0			
Braeburn	3	3	3	1	0	0	0	0	0			
Cripps pink	64	81	89	90	96	99	98	103	105	109	4	7
Cripps red	18	14	15	19	15	18	15	10	5	3	-29	-65
Red Delicious	34	26	29	26	15	24	23	17	15	14	-6	-26
Fuji	17	19	21	22	25	24	25	24	23	24	5	0
Golden Delicious	8	6	7	5	9	8	8	8	6	5	-10	-25
Granny Smith	60	71	85	80	52	50	47	57	41	51	26	6
Jonagold & Jonath	3	3	3	1	1	0	0	0	0			
Lady Williams	2	2	2	2	1	0	0	0	0			
Royal Gala	41	29	32	36	55	69	65	64	72	75	4	13
Other	4	5	6	7	7	17	20	23	27	36	33	54
Total	255	260	293	289	275	309	301	306	292	318	9	6

Australia

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

- Apple Production



Apple market offer

MT	Market	2017	2018	F2019
Production		313.703	292.361	318.121
Market offer	Export	4.625	4.671	4.805
	Domestic	308.126	287.690	313.316
	Import	1.227	723	950
	Domestic fresh offer	253.279	229.868	250.506
	Industry	54.847	57.822	62.810
Population (000)		24,590	24.770	25.089
Fresh consumption (kg/hab)		10.3	9,3	10.0



Brazil

Apple production

x 1000 tons

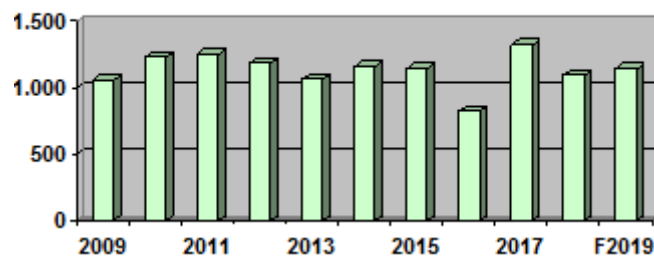
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Fuji Other Clones	430	374	416	358	451	394	314	642	361	516	43	18
Gala Other Clones	733	807	679	619	610	679	469	612	674	554	-18	-5
Others	64	69	89	86	104	72	43	75	60	81	36	37
Total	1.226	1.250	1.184	1.063	1.165	1.145	826	1.329	1.094	1.150	5	6

Brazil

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

- Apple Production



Apple market offer

MT	Market	2017	2018	F2019
Production		1.329	1.094	1.150
Market offer	Export	55	71	75
	Domestic	1.274	1.023	1.075
	Import	78	75	70
	Domestic fresh offer	1.352	1.098	1.145
	Industry	292	197	230
Population (000)		208.285	209.045	210.000
Fresh consumption (kg/hab)		5.09	4,31	4.36



Chile

Apple production

x 1000 tons

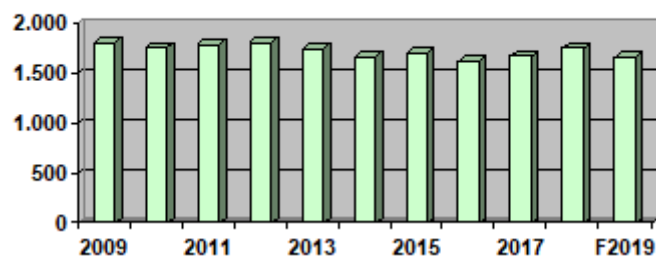
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Braeburn	64	54	53									
Cripps pink	92	89	153	166	161	204	176	160	168	159	-5	-5
Fuji	197	196	166	168	168	146	163	151	158	150	-5	-5
Gala	670	678	741	784	759	812	789	912	959	907	-5	2
Granny Smith	396	392	259	243	200	212	178	175	184	174	-5	-3
Red Delicious	284	339	329	274	284	254	265	229	241	228	-5	-7
Other	52	36	105	111	99	80	63	48	51	48	-5	-11
Total	1.755	1.784	1.806	1.746	1.670	1.708	1.635	1.675	1.761	1.665	-5	-1

Chile

(1) Percentage difference between F2019 and 2018

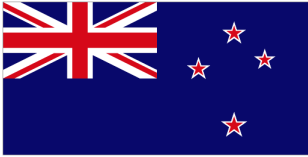
(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

- Apple Production



Apple market offer

MT	Market	2017	2018	F2019
Production		1.499.030	1.760.705	1.664.900
Market offer	Export	659.573	774.710	732.556
	Domestic	299.806	352.141	332.980
	Industry	539.651	633.854	599.364
Total		1.499.030	1.760.705	1.664.900



New Zealand

Apple production

x 1000 tons

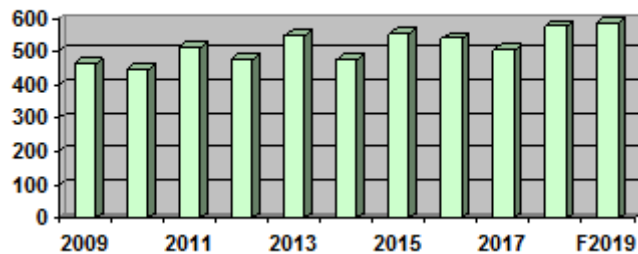
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Braeburn	121	132	120	128	111	113	100	91	99	89	-10	-8
Cripps Pink	17	20	24	27	26	34	34	29	41	44	6	26
Fuji	45	60	48	60	43	57	55	43	55	53	-4	4
Granny Smith						21	18	18	17	16	-8	-11
Jazz	45	55	52	52	52	48	53	48	55	58	4	10
Royal Gala	151	163	144	161	141	168	165	152	165	173	5	8
Other	44	47	49	78	60	61	60	69	85	99	17	39
Pacific series	25	36	39	44	45	51	54	55	59	60	3	8
Total	448	513	476	550	478	554	539	506	576	591	3	9

New Zealand

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

- Apple Production



Apple market offer

MT	Market	2017	2018	F2019
Production		506.043	576.229	591.107
Market offer	Export	338.921	372.373	401.797
	Domestic	63.368	67.243	67.992
	Import	482	200 (est)	300 (est)
	Domestic fresh offer	63.850	67.443	68.292
	Industry	103.754	136.613	131.318
Population (000)		4.706	4.750	4.774 (est)
Fresh consumption (kg/hab)		13.6	14.2	14.3



South Africa

Apple production

x 1000 tons

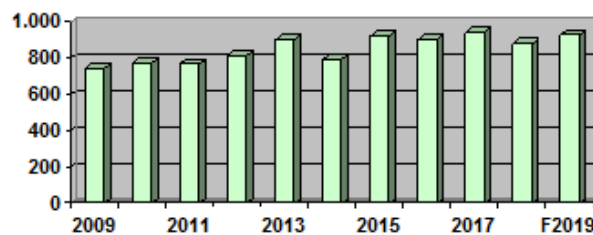
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Braeburn	24	23	33	36	24	29	26	27	23	25	5	-4
Cripps pink	56	55	73	82	79	92	88	92	94	99	5	8
Cripps Red							34	35	46	49	5	26
Fuji	41	40	57	63	64	79	79	82	80	84	5	5
Golden Delicious	161	160	203	227	151	224	217	226	209	219	5	1
Granny Smith	182	180	171	190	199	162	155	161	136	143	5	-5
Jazz							2	1	2	2	5	10
Oregon Spur	8	8	8	9	8	8	8	10	7	8	5	-6
Royal Gala	87	86	122	136	127	150	150	152	149	156	5	4
Starking	39	39	34	38	24	31	30	31	21	22	5	-19
Topred	43	42	41	45	32	76	72	84	75	78	5	2
Kanzi							12	10	10	10	5	-5
African Carmine							7	7	8	8	5	9
Other	135	133	71	80	87	74	23	21	26	27	5	15
Total	775	768	813	907	794	924	902	940	884	928	5	2

South Africa

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

- Apple Production



Apple market offer

MT	Market	2017	2018	F2019
Production		940.346	883.925	928.122
Market offer	Export	417.794	393.344	413.506
	Domestic	209.631	192.861	202.504
	Import	551	507	487
	Domestic fresh	210.182	193.367	202.991
	Industry	312.921	294.146	308.853
Population (000)		56.747	57.398	57.759
Fresh consumption (kg/hab)		3.7	3.37	3.51

Southern Hemisphere

Apple Production by Country

Apples

x 1000 tons

Country	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Argentina	1.576	920	840	776	744	760	774	545	557	608	9	-3
Australia	255	260	293	289	275	309	301	306	292	318	9	6
Brazil	1.226	1.250	1.184	1.063	1.165	1.145	826	1.329	1.094	1.150	5	6
Chile	1.755	1.784	1.806	1.746	1.670	1.708	1.635	1.675	1.761	1.665	-5	-1
New Zealand	448	513	476	550	478	554	539	506	576	591	3	9
South Africa	775	768	813	907	794	924	902	940	884	928	5	2
Total	6.036	5.495	5.412	5.331	5.126	5.400	4.977	5.300	5.165	5.261	2	2

(1) Percentage difference between F2019 and 2018

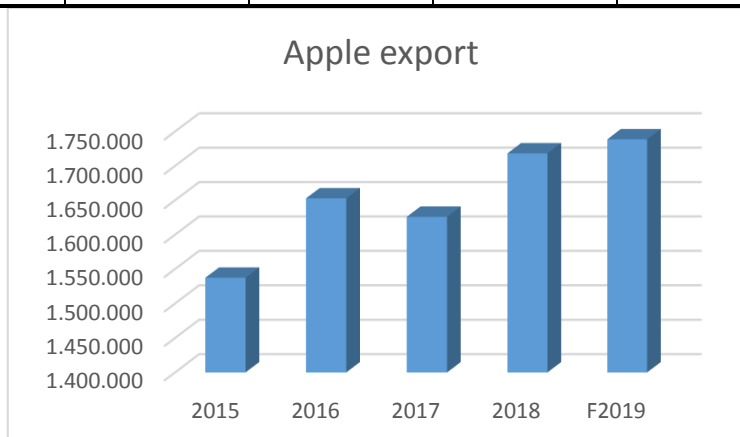
(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

Southern Hemisphere

Apple Exports by Country

Country (MT)	2015	2016	2017	2018	F2019	(1)	(2)
Argentina	118,116	101,200	90,300	102,100	111,000	9%	13%
Australia	3,600	5,136	4,625	4,671	4,805	3%	0%
Brazil	60,112	30,637	55,437	71,000	75,000	6%	43%
Chile	611,759	741,951	659,573	774,710	732,556	-5%	1%
New Zealand	330,513	348,221	338,921	372,373	401,797	8%	14%
South Africa	413,292	425,325	417,794	393,344	413,506	5%	0%
Total	1,537,392	1.652.769	1.625.865	1.718.198	1.738.664	1%	4%

Apple export



Southern Hemisphere Apple Production by Variety

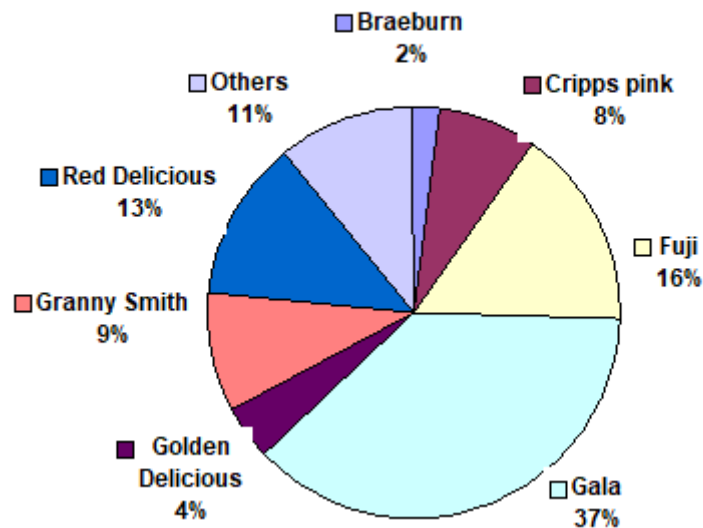
x 1000 tons

Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Braeburn	212	212	209	165	135	142	126	119	122	113	-7	-7
Cripps pink	229	245	339	364	362	429	396	385	408	411	1	4
Fuji	729	689	708	672	749	700	636	941	676	826	22	10
Gala	1.762	1.892	1.835	1.845	1.796	1.984	1.746	1.968	2.096	1.949	-7	1
Golden Delicious	169	166	210	232	159	232	224	234	215	224	5	0
Granny Smith	1.739	805	663	650	582	579	534	507	476	491	3	-3
Red Delicious	725	960	902	819	770	810	824	669	664	683	3	-5
Others	471	527	547	585	572	523	492	477	507	563	11	14
Total:	6.036	5.495	5.412	5.331	5.126	5.400	4.977	5.300	5.165	5.261	2	2

(1) *Percentage difference between F2019 and 2018*

(2) *Percentage difference between F2019 and the average of 2016 - 2017 - 2018*

SH Apple Production by variety





Southern Hemisphere Pear Forecast 2019



Argentina

Pear production

x 1000 tons

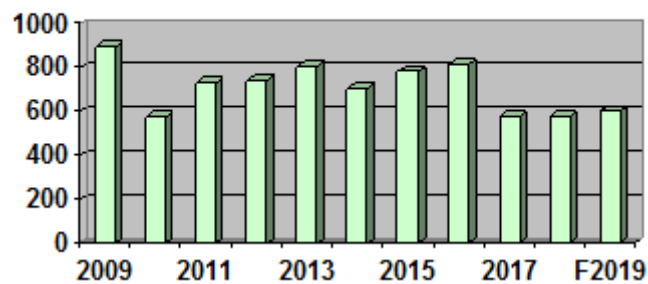
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Anjou	36	77	78	84	79	82	86	61	61	63	4	-9
Packham's	207	252	255	276	206	269	280	199	199	206	4	-9
Williams BC	273	331	336	363	342	354	369	262	262	272	4	-9
Other	59	72	73	78	74	77	80	57	57	59	4	-9
Total	576	731	743	801	702	782	815	578	579	600	4	-9

Argentina

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016 - 2017 -

- Pear Production



Pear market offer

MT	Market	2017	2018	F2019
Production		577.500	578.800	600.200
Market offer	Export	301.600	337.900	350.400
	Domestic	102.000	111.400	115.500
	Industry	174.000	132.500	137.400
Population (000)		40.000.000		
Fresh consumption (kg/hab)				



Australia

Pear production

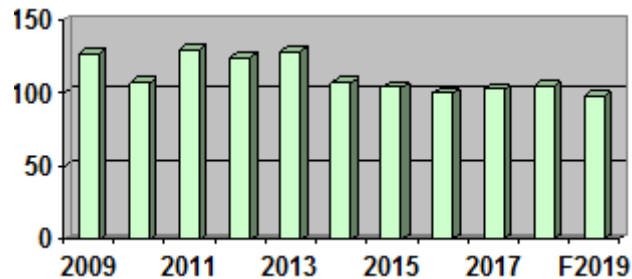
x 1000 tons

Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019 (1)	(2)	
Beurre Bosc	9	9	8	9	9	12	0	0	0	0		
Corella	2	3	3	3	3	9	0	0	0	0		
Josephine	3	3	3	3	3	6	0	0	0	0		
Nashi	3	3	3	3	3	4	0	0	0	0		
Packham's	52	54	53	53	46	42	40	47	49	49	0	9
Red Anjou	0	0	0	1	0	0	0	0		0		
Sensation	1	1	1	1	0	0	0	0		0		
Williams BC	35	55	52	54	41	27	25	26	33	32	-5	12
Other	2	2	2	2	2	3	34	29	22	17	-25	-42
Total	107	130	124	129	107	104	100	102	105	98	-7	-4

Australia

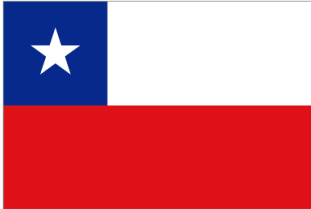
(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016 - 2017 -



Pear market offer

MT	Market	2017	2018	F2019
Production		97.589	104.563	97.616
Market offer	Export	9.111	12.034	10.321
	Domestic	88.478	92.529	87.295
	Import	1.980	1.756	1.832
	Domestic fresh offer	57.375	62.826	59.448
	Industry	31.103	29.703	27.847
Population (000)		24.590	24.770	25.089
Fresh consumption (kg/hab)		2,3	2,5	2,4



Chile

Pear production

x 1000 tons

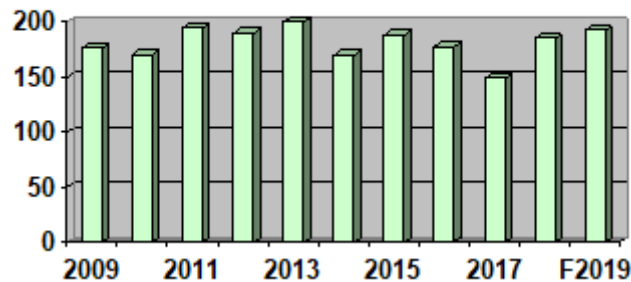
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Abate Fetel	9	33	37	44	34	46	40	36	45	47	4	16
Beurre Bosc	15	18	13	18	12	13	8	6	8	8	4	13
Forelle		10	13	17	17	24	26	24	30	31	4	17
Packham's	83	89	76	75	69	59	63	49	61	64	4	10
Coscia		14	14	14	7	14	14	12	15	16	4	15
Williams BC	19	9	10	9	7	10	8	6	7	8	4	11
Winter Nelis	11											
Other	33	21	27	24	24	23	20	15	18	19	4	9
Total	170	194	189	200	170	188	177	149	185	193	4	13

Chile

(1) Percentage difference between F2019 and 2018

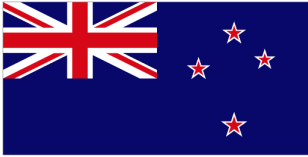
(2) Percentage difference between F2019 and the average of 2016 - 2017 - 2018

- Pear Production



Pear market offer

MT	Market	2017	2018	F2019
Production		212.641	185.059	192.633
Market offer	Export	148.849	129.541	134.843
	Domestic	21.264	18.506	19.263
	Industry	42.528	37.012	38.527
Total		212.641	185.059	192.633



New Zealand

Pear production

x 1000 tons

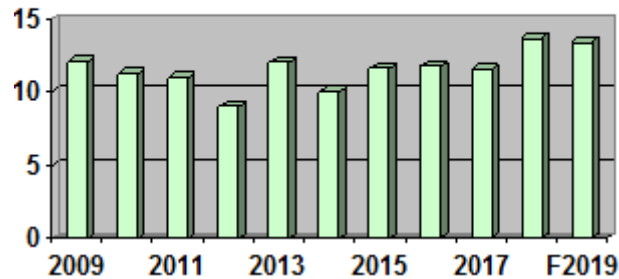
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Other	11	11	9	12	10	12	12	11	14	13	-2	9
Total	11	11	9	12	10	12	12	11	14	13	-2	9

New Zealand

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016 - 2017 -

- Pear Production



Pear market offer

MT	Market	2017	2018	F2019
Production		11.474	13.711	13.392
Market offer	Export	3.595	4.816	5.006
	Domestic	4.366	6.713	5.930
	Import	4.559	3.500 (est)	4.000 (est)
	Domestic fresh offer	8.925	10.213	9.930
	Industry	3.513	2.182	2.456
Population (000)		4.706	4.750	4.774 (est)
Fresh consumption (kg/hab)		1.9	2.1	2.1



South Africa

Pear production

x 1000 tons

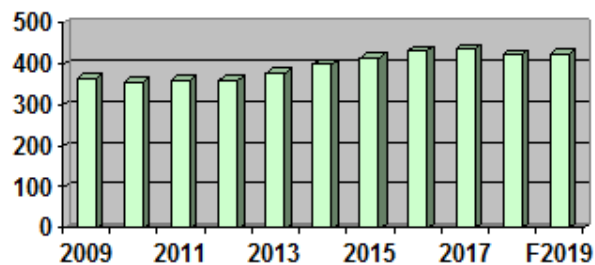
Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019 (1)	(2)	
Abate Fetel						27	28	28	27	27	0	-4
Beurre Bosc	10	10	11	11	12	5	5	7	5	5	0	-10
Doyenne Du	8	8	7	8	8	6	6	6	5	5	0	-5
Early Bon C	34	34	32	34	36	36	37	43	46	46	0	9
Forelle	90	91	94	99	104	109	113	86	83	83	0	-12
Packham's	103	104	105	110	116	135	143	144	140	140	0	-2
Rosemarie	12	12	11	11	12	5	5	9	8	9	9	23
Vermont Be						19	20	29	28	28	0	9
Williams BC	61	61	56	59	62	50	51	46	39	39	0	-15
Cheeky						6	6	12	14	14	0	29
Other	39	39	45	48	50	16	17	26	27	27	-3	15
Total	356	360	361	379	399	415	432	436	423	423	0	-2

South Africa

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016 - 2017 -

- Pear Production



Pear market offer

MT	Market	2017	2018	F2019
Production		435.933	422.855	722.728
Market offer	Export	218.426	212.149	211.584
	Domestic	47.108	45.483	45.470
	Import	218	211	211
	Domestic fresh offer	47.108	45.695	45.681
	Industry	170.617	165.498	165.449
Population (000)		56.747	57.398	57.759
Fresh consumption (kg/hab)		0,83	0,8	0,79



Southern Hemisphere Pear Production by Country Pears

x 1000 tons

Country	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Argentina	576	731	743	801	702	782	815	578	579	600	4	-9
Australia	107	130	124	129	107	104	100	102	105	98	-7	-4
Chile	170	194	189	200	170	188	177	149	185	193	4	13
New Zealand	11	11	9	12	10	12	12	11	14	13	-2	9
South Africa	356	360	361	379	399	415	432	436	423	423	0	-2
Total	1.220	1.427	1.426	1.521	1.388	1.500	1.535	1.276	1.305	1.327	2	-3

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016 - 2017 - 2018

Southern Hemisphere Pear Exports by Country

Country (MT)	2015	2016	2017	2018	F2019	(1)	(2)
Argentina	343,030	334,200	301,600	337,900	350,400	4%	8%
Australia	10,000	9,841	9,111	12,034	10,321	-14%	0%
Chile	139,318	125,022	148,849	129,541	134,843	4%	0%
New Zealand	4,561	4,560	3,595	4,816	5,006	4%	16%
South Africa	192,009	222,192	218,426	212,149	211,584	0%	-3%
Total	688,524	695,475	670,082	696,440	712,154	2%	4%



Southern Hemisphere Pear Production by Variety

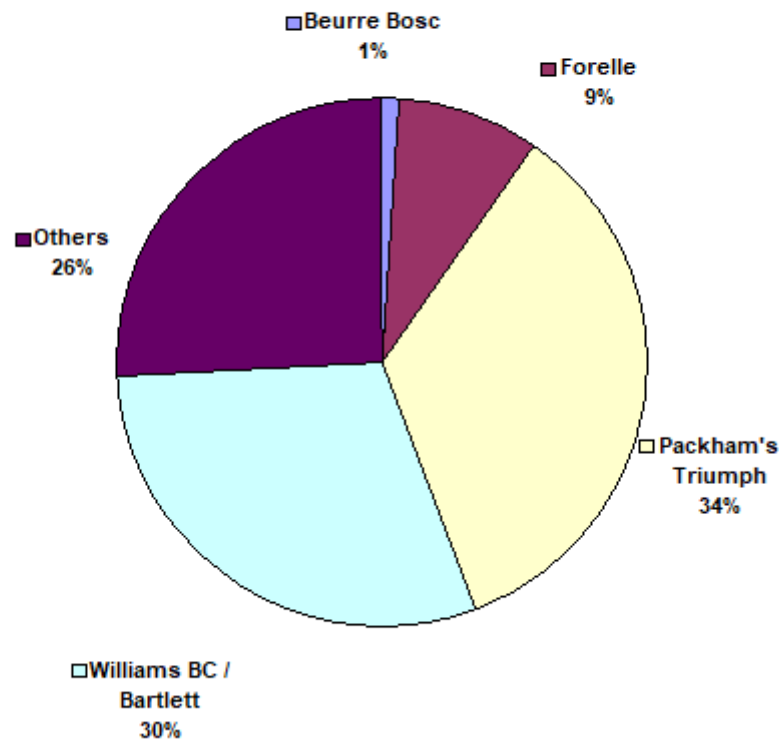
x 1000 tons

Variety	2010	2011	2012	2013	2014	2015	2016	2017	2018	F2019	(1)	(2)
Beurre Bosc	34	38	32	38	33	30	13	13	13	13	2	3
Forelle	90	101	107	115	120	132	139	110	113	114	1	-5
Packham's T	445	498	489	513	436	505	526	439	450	460	2	-2
Williams BC	422	491	487	519	488	478	490	383	387	396	2	-6
Others	229	298	312	336	309	354	367	331	342	343	0	-1
Total:	1.220	1.427	1.426	1.521	1.388	1.500	1.535	1.276	1.305	1.327	2	-3

(1) Percentage difference between F2019 and 2018

(2) Percentage difference between F2019 and the average of 2016- 2017 - 2018

SH Pear Production by variety





General Comments

Argentina

Notes on 2018 season

No comments received for this season

Notes on 2019 season

- Low incidence of frost
- Weather is favourable but tempered. Season will start with delay
- Fruit of good quality



Australia

Notes on 2018 season

- Apple:
 - Reduced Granny Smith volumes in the Goulburn Valley and replanting of new varieties and high coloured strains.
 - Packout reduced from hail event in South Australia
 - Cripps Red and Red Delicious are being removed
 - Generally, a good growing season for quality
- Pear:
 - Good growing year for pears
 - Volume increase attributed to full crops of Packham and Beurre Bosc.
 - Williams Bon Chretien impacted by hail
 - Williams Bon Chretien pears oversupplied and performing poorly prompting substantial removal
 - Reduced crop of Corella pears

• Notes on 2019 season

Apple has increased volumes due to larger Granny Smith crop in the Goulburn Valley. Transitioning to newer club varieties and high-colour strains of Gala and Cripps Pink

Qualitative comments	
Temperature trends:	Hot dry summer, variable conditions for apple
Frosts:	For apple, one isolated frost in Yarra Valley, Victoria. None for pear
Heath wave:	Extreme heat in Goulburn Valley. Minimal impact on quality of pears
Hail:	Severe hail in Adelaide Hills (South Australia) and Orange (New South Wales), affected pear crop
Droughts:	Drought. Irrigation water challenges for Victoria and New South Wales for apple; reduced allocations of irrigation water in the Goulburn Valley for pear
Flood:	No
Storm/strong winds:	No
Sizing:	Similar size to slightly down compared to 2018 for apple; for pear good fruit size.
Colouring:	For apple good colouring except in extreme heat areas; for pear blush varieties will see reduced colour
Disease outbreak:	None for apple; higher two-spotted mite pressure for pear. Birds and bats are also threatening the South Australian and Victorian crops
Season timing to last year:	Consistent with 2018
Season timing to average:	For apple, 5 days later in Western Australia, Southern Victoria and Tasmania; for pear average
Additional information on blossoming:	Excellent conditions except for Beurre Bosc and Corella
Additional information on fruit setting:	Heavier fruit setting for apple; Excellent setting for pear, except for Beurre Bosc and Corella
Additional information on physiological drop:	
Quantitative comments	



Evolution of surfaces:	Land area for apple production is steady; Significant removal of WBC pear
Evolution of varieties:	More planting of club varieties and high colour strains of Gala and Cripps Pink
Evolution of the orchards inside the country:	Average yield per hectare continue to increase
Part of the production for processing in 2018:	
Part of the production for processing expected in F2019:	

Brazil

Notes on 2018 season

- The harvest of 2017/18 registered a volume of 1.100 thousand tonnes, slightly below the average of the last 5 years. The fruit's size was below the traditional average.

Notes on 2019 season

- The 2019 harvest will most likely be close to the historical average, but with more Fuji than in 2018 and with larger fruit size than average. For the moment weather conditions are good. Summer temperature is on average 2°C higher than average.

<p>Qualitative comments</p> <p>Temperature trends: Frosts: Heath wave: Hail: Droughts: Flood: Storm/strong winds: Sizing: Colouring: Disease outbreak: Season timing to last year: Season timing to average: Additional information on blossoming: Additional information on fruit setting: Additional information on physiological drop:</p>	<p>There were isolated situations that merely impacted small areas related to hail and late frost. In general, the climatic conditions were normal.</p>
<p>Quantitative comments</p> <p>Evolution of surfaces: Evolution of varieties: Evolution of the orchards inside the country: Part of the production for processing in 2018: Part of the production for processing expected in F2019:</p>	<p>Stable</p> <p>Investments have been made mainly in modern clones of Gala and Fuji. But other varieties are expected to grow in Brazil in the coming years.</p> <p>Stable</p> <p>There are no orchards specific for processing apples. Less industry apples from packing houses in 2018</p> <p>In 2019, return to the average amount of industry from the packing houses</p>



Chile

Notes on 2018 season

- For apple
 - Top varieties include royal gala and granny smith which together represent 50% of exports.
- For pear:
 - Top varieties include packhams triumph and abate fetel which together represent 59% of exports.

Notes on 2018 season

- For apple:
 - Exports are expected to decline 5% vs last season's exports.
- For pear:
 - Exports are expected to increase 5% vs last season's exports.

New Zealand

Notes on 2018 season

- Full crop
- No significant frosts or hail
- No significant rain or storms

Notes on 2019 season

Overall a set-up for a good season

Qualitative comments	
Temperature trends:	Relatively warm (>6-year average)
Frosts:	No significant frosts
Heath wave:	None
Hail:	Negligible
Droughts:	None
Flood:	None
Storm/strong winds:	None
Sizing:	Slightly down on 2018
Colouring:	Too early to tell
Disease outbreak:	None
Season timing to last year:	5 to 7 days earlier
Season timing to average:	Average
Additional information on blossoming:	Good
Additional information on fruit setting:	High
Additional information on physiological drop:	
Quantitative comments	
Evolution of surfaces:	For apple, planted area up to 4%; for pear small increase in planted area
Evolution of varieties:	For apple some new varieties now coming on stream, i.e. Dazzle; for pear PIQA Boo
Evolution of the orchards inside the country:	
Part of the production for processing in 2018:	23% for apple; 16% for pear
Part of the production for processing expected in F2019:	22% for apple; 18% for pear

South Africa

Notes on 2018 season

- Apples:
 - Export volumes were down 6% compared to the previous season. This was mainly due to the drought. Young orchards coming into production created a buffer which softened the total drought impact. Marginal orchards were also removed.
 - Growth in export volumes of Fuji – young orchards coming in production.
- Pears:
 - Pear exports were down 3% compared to the previous season. This was mainly due to the continuous drought that impacted the fruit size.
 - Positive growth, Vermont Beauty, Abate Fetel and Cheeky volumes: +5%, +2%, +13% and +48% respectively compared to the 2017 season.
 - Overall good quality crop

Qualitative comments	
Temperature trends:	Higher average max temperatures
Frosts:	None
Heath wave:	None
Hail:	None
Droughts:	In certain production areas (65% affected)
Flood:	None
Storm/strong winds:	None
Sizing:	Apples: Slightly smaller compared to previous season due to drought conditions; Pears: Early varieties are smaller; whilst later varieties are in line with recent years
Colouring:	Apples: Good; Pears: Colour development on early varieties also affected by heat conditions
Disease outbreak:	None for both
Season timing to last year:	Apples: 1 Week earlier; Pears: 1 week earlier compared to last season. Water shortages also plays an important part in harvesting window
Season timing to average:	Apples & pears: 1 Week earlier
Additional information on blossoming:	None for both
Additional information on fruit setting:	None for both
Additional information on physiological drop:	None for both
Quantitative comments	
Evolution of surfaces:	For apples and pears a steady increase of area since 2007. For apples in 2015: 23.625 Ha. For pears in 2015: 12.697 Ha. Compared to 2010, this is an increase of 10% for apples and 12% for pears.
Evolution of varieties:	Increase in newer varieties. For apples decrease seen in Granny, Topred/ Starking and Braeburn. For pears decreases in Williams BC, Beurre Bosc, Doyenne du Comice and Golden Russet Bosc.
Evolution of the orchards inside the country:	

Part of the production for processing in 2018:	30% for apples and 35% for pears
Part of the production for processing expected in F2019:	Similar as in 2016, for pears maybe slightly less because of the size.

Notes on 2019 season

- Apple:
 - Slightly higher export volume estimated for 2019. This is due to better rainfall during winter of 2018. Cooler summer conditions are expected to have a positive impact on fruit colour and fruit development.
 - Timing of the season is on par with 2018
 - Eating quality expected to be good with high sugar levels
- Pear:
 - Export volumes expected to be on par with 2018 season due to a combination of factors:
 - Heat wave during October 2018 impacted Packham's Triumph as trees were in full bloom; export estimate now on par with 2018 volumes
 - Williams Bon Chretien down 7% due to smaller and lighter fruit set
 - Timing of the season started 4-7 days earlier compared to 2018

Qualitative comments	
Temperature trends:	Cool spring, normal summer
Frosts:	None
Heath wave:	Minor impact on fruit set
Hail:	Minor isolated - in certain production areas
Droughts:	In certain production areas – Western Cape mainly
Flood:	None
Storm/strong winds:	Minor
Sizing:	Average
Colouring:	Very good
Disease outbreak:	None
Season timing to last year:	Similar
Season timing to average:	On par
Additional information on blossoming:	Minor impact on fruit set
Additional information on fruit setting:	Minor impact on fruit set
Additional information on physiological drop:	None
Quantitative comments	
Evolution of surfaces:	Apple: 24.156 Ha in 2017 (+9% cf 2012); Pear: 12.279 Ha in 2016 (+5% cf 2012)
Evolution of varieties:	
Evolution of the orchards inside the country:	
Part of the production for processing in 2018:	Apple: 31%; Pear: 35%
Part of the production for processing expected in F2019:	Apple: Similar volumes expected; Pear: Volumes is expected to be similar or slightly less