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THIRD ESTIMATE OF THE COMMERCIAL PRODUCTION OF FRUITS, 1971(1)

Apples. — The latest estimates place the 1971 apple crop at 436,356 tons, down slightly from the 1970 outturn of 439,361 tons. Indications are that the crop was larger in Quebec, Ontario and New Brunswick but this was over compensated for by the production drop in Nova Scotia and the large reduction in British Columbia.

Pears. — The 1971 pear crop is estimated at 48,961 tons, an increase of 7.8 per cent over 1970. The increase was mainly due to the Ontario crop.

Sweet Cherries. — Sweet cherry growers harvested 11,351 tons this year as compared with 8,922 in 1970. Both Ontario and British Columbia had increased production in 1971.

Sour Cherries. — The 1971 sour cherry crop is estimated to be 10,448 tons as compared with 8,322 tons picked in 1970. This represents an increase of 20 % in 1971.

Peaches. — The peach crop in 1971 is estimated at 64,234 tons up from last year's outturn of 53,425.

Plums and Prunes. — The 1971 production amounted to 12,142 tons, 1,678 tons more than last year's harvest.

(1) Estimates released in this memorandum, except where otherwise indicated, are based on reports submitted to Statistics Canada by the Quebec Bureau of Statistics and Federal and Provincial Departments of Agriculture personnel in the various fruit growing areas. All 1971 figures are subject to revision. All reports refer to conditions as of the end of November or shortly thereafter. Accordingly, all estimates apply to the situation as it existed at the time when the reports concerned were made. In this report all tons refer to short tons unless otherwise stated.

Agriculture Division
Crops Section

5502-553

ATLANTIC PROVINCES

During the month of May, the weather was generally cool and wet in the Atlantic Provinces. It was reported that the strawberry and blueberry plants had wintered well.

By the month of June, temperatures were still below normal. At the beginning of June raspberries and cherries were in full bloom and a heavy apple blossom was reported. At the end of the month strawberry harvesting had commenced and despite some light crop damage indications were for a good crop.

Warmer weather in July speeded up crop development. Apples were sizing well but the crop prospects were reported to be below normal in Nova Scotia. The blueberries were progressing well aided by good moisture conditions, especially in New Brunswick. By late July strawberries were past their peak and growers in the Maritimes picked an estimated 3,572 tons, up considerably from the 1970 production of 2,245 tons.

Some light bruising of fruit and some reduction in blueberry yield were caused by hurricane Beth in August. By late August, blueberry harvesting was in full swing. The growers in the Atlantic provinces harvested 7,112 tons of blueberries as compared with 6,650 tons in 1970. The 1971 pear crop in Nova Scotia was estimated at 1,750 tons, up from the 1970 crop of 1,425 tons. The raspberry crop was up from the 1970 level while the production of plums and prunes in Nova Scotia increased to 150 tons in 1971.

Apple picking was finished by the end of October with an estimated outturn of 65,310 tons, down only slightly from the 1970 figure of 65,730 tons.

QUEBEC

Throughout most of Quebec spring temperatures were below normal. Although the heavy winter snows protected the strawberry plants, most went into winter in an unfavourable condition as a result of drought last July and August. The results of this added to the excessive moisture conditions in May were expected to reduce the strawberry crop. The heavy snows broke many raspberry canes.

By the end of May most apple growers had applied two or three sprays. Apple orchards were generally about one week late in blossoming. Strawberry plantings were showing some insect damage and on raspberries mildew was starting to develop.

A good strawberry bloom in June greatly helped that crop along and harvesting was started by the end of the month. Late frosts severely effected the raspberry crop. The strawberry harvest was finished in July with an estimated crop of 4,894 tons picked, compared to 4,375 tons in 1970. The apple crop at this time was generally sizing well.

The raspberry harvest finished in late August with a crop of 438 tons, down from the 1970 outturn by 187 tons. By late August harvesting of blueberries was general but adverse conditions and small sizing resulted in a crop of 2,100 tons down from the 1970 crop of 5,250 tons.

The apple crop was generally of good size and colour. The latest estimates of production place the 1971 crop at 131,397 tons up 29 % from last year.

ONTARIO

Winter damage in Ontario was light and most fruit trees wintered well. Cool, damp weather in the spring caused late blossoming. At the end of May strawberry bloom was reported as being heavy. Picking of the crop started in late June and finished up in mid - July with an estimated production of 7,119 tons practically unchanged from last year.

By the end of July a good crop of sweet cherries at 5,222 tons was reported as being picked almost double that of last year. The raspberry harvest which was finished about the same time was up slightly at 721 tons. The good weather and moisture conditions of July continued into August. The peach crop at 51,322 tons was up 12 % from last year.

In September warm weather and rain resulted in poor colour on some McIntosh and other apple varieties. Picking of late summer and early fall varieties continued in early September keeping local markets well supplied. The grape harvest was finished by early November. Weather conditions ideal for grape sizing produced a larger than expected volume at 75,904 tons compared with last year's crop at 63,231 tons.

The apple crop was generally of good quality but colour was a problem on McIntosh apples. The latest estimate places the 1971 apple crop at 151,130 tons up 6,827 tons from last year's outturns.

BRITISH COLUMBIA

Weather during the winter of 1970-71 was not severe throughout the province, although several sharp frosts in November caused some damage to fruit trees in the Okanagan. Some light strawberry winter injury was reported. The spring was cool and late in most regions. The apple bloom was late but appeared to be heavy in most areas.

At the beginning of June the prospects for all fruit crops looked good. But, by mid - June it was reported that the apple set was poor.

During the first of July the weather was generally cool and wet and tree fruits were for the most part 2 to 3 weeks later than normal. The berry crops suffered some losses from mould. Strawberry picking ended by the end of July and a crop of 6,842 tons was harvested.

During the later part of July and early August the weather was, for the most part, hot and dry. The yield of raspberries was 5,180 tons and the yield of loganberries was 428 tons, both down from last year due to the hot weather and lack of moisture.

In September cool, damp weather prevailed and severe frosts reported near the end of the month in several areas. Most tree fruits were 2 to 3 weeks behind normal maturity. This cool weather brought on colour for the McIntosh and Delicious.

The harvesting of grapes and peaches was finished in October with the grape outturn at 9,030 tons, almost unchanged from last year and the peach outturn was up 36 % over last year's to 12,912 tons. The apples did not size well and an estimated production of 88,519 tons, was a sizeable drop from last year's outturn of 135,500 tons.

TABLE 1. Third Estimate of the Commercial Production of All Fruits 1971 with Latest Estimates for 1970

Kind of fruit	Estimated production				
	Volumetric units or pounds		Tons		
	1970	1971	1970	1971	
	'000				
<u>Canada</u>					
Apples, by varieties, totals	bu.	20,923	20,779	439,361	436,356
Cortland	"	680	767	14,280	16,107
Delicious	"	3,719	3,025	78,095	63,518
McIntosh	"	8,999	10,546	188,983	221,462
Spy	"	2,369	1,931	49,748	40,557
Other	"	5,156	4,510	108,255	94,712
Pears	"	1,806	1,959	45,146	48,961
Plums and prunes	"	419	486	10,464	12,142
Peaches	"	2,137	2,569	53,425	64,234
Apricots	"	166	146	4,150	3,650
Cherries, sweet	"	357	454	8,922	11,351
Cherries, sour	"	333	418	8,322	10,448
Strawberries	qt.	32,356	34,057	21,527	22,427
Raspberries	"	9,332	8,825	6,734	6,380
Loganberries	lb.	1,259	855	630	428
Grapes	"	144,598	169,869	72,299	84,934
Blueberries	"	28,570	22,471	14,285	11,235
Cranberries	"	5,922	10,520	2,961	5,260
<u>Newfoundland</u>					
Blueberries	"	3,000	1,700	1,500	850
<u>Prince Edward Island</u>					
Strawberries	qt.	992	1,680	620	1,050
Blueberries	lb.	500	525	250	262
Cranberries	"	35	55	18	28
<u>Nova Scotia</u>					
Apples, totals	bu.	2,800	2,650	58,800	55,650
Cortland	"	270	275	5,670	5,775
Delicious	"	220	265	4,620	5,565
McIntosh	"	620	615	13,020	12,915
Spy	"	320	295	6,720	6,195
Other	"	1,370	1,200	28,770	25,200
Pears	"	57	70	1,425	1,750
Plums	"	5	6	125	150
Strawberries	qt.	1,800	2,300	1,125	1,438
Raspberries	"	25	35	16	22
Blueberries	lb.	8,300	7,200	4,150	3,600
Cranberries	"	105	100	52	50
<u>New Brunswick</u>					
Apples, totals	bu.	330	460	6,930	9,660
Cortland	"	70	98	1,470	2,058
McIntosh	"	200	280	4,200	5,880
Other	"	60	82	1,260	1,722
Strawberries	qt.	800	1,734	500	1,084
Raspberries	"	20	30	12	19
Blueberries	lb.	1,500	4,800	750	2,400

TABLE 1. Third Estimate of the Commercial Production of All Fruits 1971 with Latest Estimates for 1970 - Continued

Kind of fruit	Estimated production				
	Volumetric units or pounds		Tons		
	1970	1971	1970	1971	
	'000				
<u>Quebec</u>					
Apples, totals	bu.	4,468	6,257	93,828	131,397
Cortland	"	340	394	7,140	8,274
McIntosh	"	3,216	4,907	67,536	103,047
Other	"	912	956	19,152	20,076
Strawberries	qt.	7,000	7,830	4,375	4,894
Raspberries	"	1,000	700	625	438
Blueberries	lb.	10,500	4,200	5,250	2,100
<u>Ontario</u>					
Apples, totals	bu.	6,872	7,196	144,303	151,130
Delicious	"	660	821	13,855	17,234
McIntosh	"	2,898	3,479	60,867	73,064
Spy	"	2,049	1,636	43,028	34,362
Other	"	1,265	1,260	26,553	26,470
Pears	"	869	1,062	21,728	26,544
Plums and prunes	"	238	274	5,942	6,838
Peaches	"	1,805	2,053	45,127	51,322
Cherries, sweet	"	121	209	3,026	5,222
Cherries, sour	"	303	378	7,572	9,450
Strawberries	qt.	11,319	11,390	7,074	7,119
Raspberries	"	1,074	1,154	671	721
Grapes	lb.	126,462	151,809	63,231	75,904
<u>British Columbia</u>					
Apples, totals	bu.	6,453	4,216	135,500	88,519
Delicious	"	2,839	1,939	59,620	40,719
McIntosh	"	2,065	1,265	43,360	26,556
Other	"	1,549	1,012	32,520	21,244
Pears	"	880	827	21,993	20,667
Plums and prunes	"	176	206	4,397	5,154
Peaches	"	332	516	8,298	12,912
Apricots	"	166	146	4,150	3,650
Cherries, sweet	"	236	245	5,896	6,129
Cherries, sour	"	30	40	750	998
Strawberries	qt.	10,445	9,123	7,833	6,842
Raspberries	"	7,213	6,906	5,410	5,180
Loganberries	lb.	1,259	855	630	428
Grapes	"	18,136	18,060	9,068	9,030
Blueberries	"	4,770	4,046	2,385	2,023
Cranberries	"	5,782	10,365	2,891	5,182

TABLE 1. Third Estimate of the Commercial Production of All Fruits 1971 with Latest Estimates for 1970 - Concluded

Kind of fruit	Estimated production	
	1970	1971
	metric tons	
<u>Canada</u>		
Apples	398,586	395,860
Pears	40,956	44,417
Plums & Prunes	9,493	11,015
Peaches	48,467	58,273
Apricots	3,765	3,311
Cherries, sweet	8,094	10,298
Cherries, sour	7,550	9,478
Strawberries	19,529	20,346
Raspberries	6,109	5,788
Loganberries	572	388
Grapes	65,589	77,052
Blueberries	12,959	10,193
Cranberries	2,686	4,772

Note: The Canadian Department of Agriculture and Statistics Canada are now complying with the Canadian Horticulture Councils request to adopt a conversion factor of 42 lbs. per bushel for apples rather than the 45 lbs. that had been used in the past. British Columbia and Ontario report their apple figures in pounds while Quebec and the Maritimes report in bushels. The 1970 and 1971 apple data in this report have been converted using the 42 pound per bushel conversion.

For all Provinces other than British Columbia and Ontario the original estimates secured by Statistics Canada were stated in measures of volume (except grapes and blueberries). These were converted at the following rates: 1 quart of strawberries, raspberries = 1.25 pounds; 1 bushel of all other tree fruits = 50 pounds (net weight). In the case of British Columbia 1 quart of berries = 1.5 pounds.

TABLE 2. Minimum Prices for Processing for Strawberries, Raspberries, Cherries, Pears, Peaches, Plums, Prunes and Grapes in the Province of Ontario

	1970	1971
	cents per qt.	
Strawberries(1)	21.5	21.5
Purple raspberries (No. 1 grade)(1)	45.0	45.0
Red raspberries (No. 1 grade)(1)	open market	open market
	dollars per ton	
White sweet cherries(2)	320.50	320.50
White sweet cherries for brining purposes(2)	260.50	180.50
Black sweet cherries(2)	360.50	320.50
Black sweet cherries for brining purposes(2)	220.50	160.50
Sour cherries	200.50	260.50
<u>Pears</u>		
Bartlett(2):		
Not less than 2 inches in diameter	150.00	138.00
Less than 2 inches in diameter	110.50	100.50
Kieffer(2):		
Not less than 2 1/16 inches in diameter	75.00	70.00
Less than 2 inches in diameter	40.00	40.00
All varieties other than Bartlett or Kieffer:		
Not less than 2 inches in diameter	135.50	125.50
Less than 2 inches in diameter	110.50	100.50
<u>Peaches(2)</u>		
Freestone	135.50	140.50
Clingstone	128.00	133.00
<u>Plums and prunes(2)</u>		
Italian, Felenburg, German and Stanley prunes ...	150.50	150.50
Damson plums	165.50	165.50
Other varieties	120.50	120.50
<u>Grapes(2)</u>		
Classification depending on variety:		
Class 1	138.00	145.00
2	135.00	142.00
3	140.00	147.00
4	160.00	168.00
4a	170.00	179.00
5	185.00	194.00
6	220.00	231.00
7	235.00	247.00
8	240.00	252.00
9	300.00	315.00

(1) Ontario Berry Growers' Marketing Board.

(2) Ontario Tender Fruit Growers' Marketing Board.

TABLE 3. Estimate of Commercial Production of Apples, Peaches, Pears, Grapes, Apricots, Cherries and Strawberries in United States, 1970 and 1971

Kind of fruit	Estimated production				
	Volumetric units			Tons	
	Unit	1970	1971	1970	1971
		'000			
<u>United States</u>					
Apples(1)	bu.	148,156	146,498	3,111,250	3,076,450
Peaches(2)	"	62,738	58,621	1,505,700	1,406,900
Pears(2)	"	21,483	29,320	537,080	733,000
Grapes(2)	lb.	6,238,660	7,802,000	3,119,330	3,901,000
Apricots(2)	bu.	7,350	8,625	176,400	207,000
Cherries, sweet(2)	"	4,345	4,893	121,650	137,000
Cherries, sour(2)	"	4,237	4,643	118,640	130,000
Strawberries(2)	qt.	329,800	345,333	247,350	259,000
<u>California</u>					
Strawberries(2)	qt.	192,667	188,133	144,500	141,100

(1) Fruit Situation, November, 1971.

(2) United States Department of Agriculture; December 9, 1971.

The United States Department of Agriculture published the original estimates of apples, peaches and strawberries in pounds; and pears, grapes, apricots and cherries in tons. The following conversion rates were used to bring these items to corresponding units in the Canadian crop estimates: apples, 1 bu. = 42 lbs.; pears, 1 bu. = 50 lbs.; peaches and apricots, 1 bu. = 48 lbs.; cherries, 1 bu. = 56 lbs.; strawberries, 1 qt. = 1.5 lbs. (Conversion Factors and Weights and Measures for Agricultural Commodities and their Products — United States Department of Agriculture May 1952).

TABLE 4. Estimated Apple Production in England and Wales,
1971 with Latest 1970 Figures(1)

	1970	1971	1970	1971
	'000 bushels		'000 tons	
Dessert Apples	16,816	17,280	353.1	362.9
Cooking Apples	9,835	7,840	206.5	164.6
Totals	26,651	25,120	559.6	527.5

(1) Source: Commonwealth Economic Committee.

TABLE 5. Estimated Apple Production in France,
1971 with Comparable 1970 Figures(1)

	1970	1971	1970	1971
	'000 bushels		'000 tons	
Table Apples	98,829	87,859	2,075.4	1,845.0

(1) Source: Commonwealth Economic Committee.

TABLE 6. Estimated Apple Production in Western Germany,
1971 with Latest 1970 Figures(1)

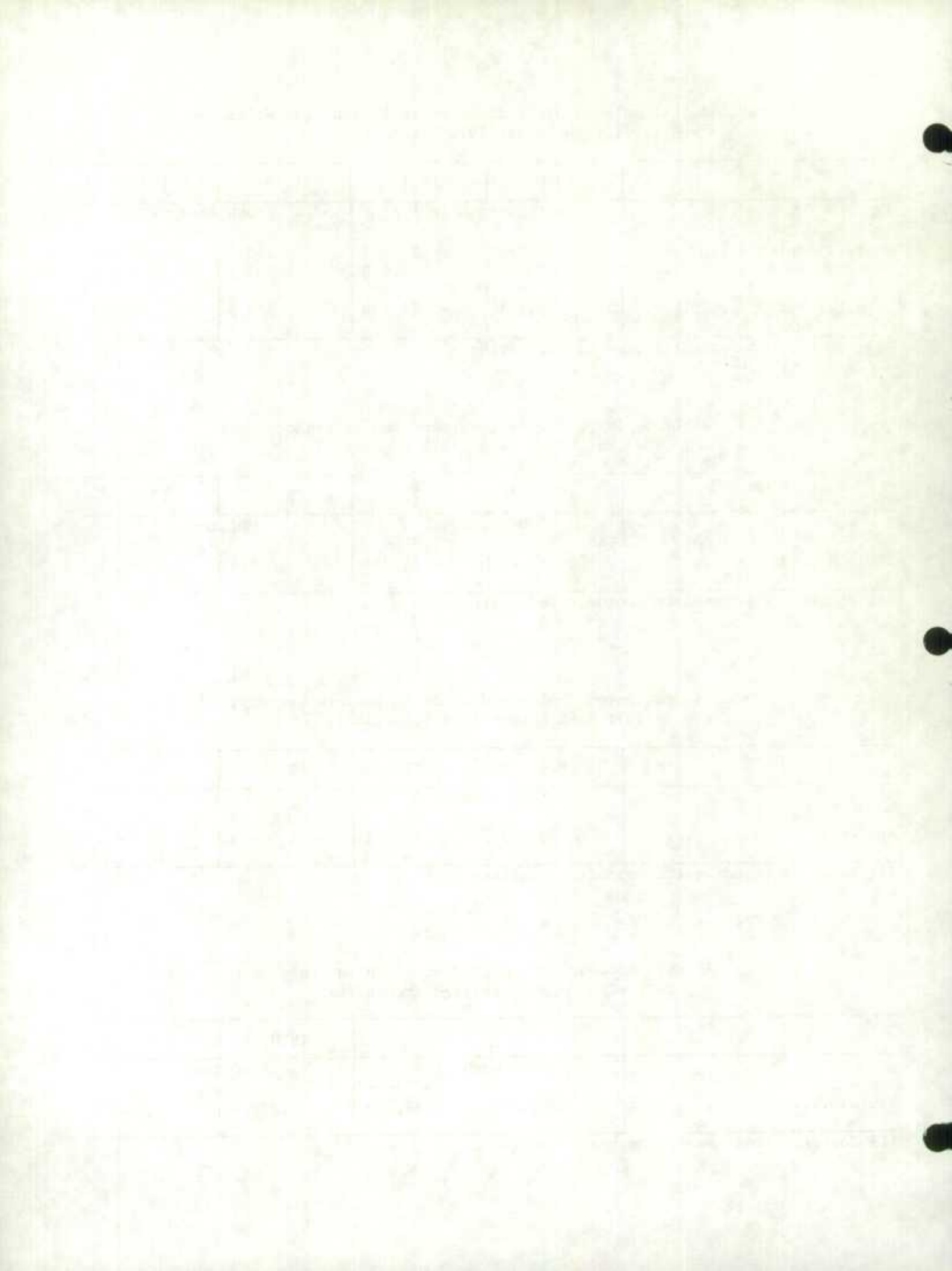
	1970	1971	1970	1971
	'000 bushels		'000 tons	
Apples	93,255	93,795	1,958.3	1,969.7

(1) Source: Commonwealth Economic Committee.

TABLE 7. Estimate of Apple Production in Italy,
1971 with Comparable 1970 Figures(1)

	1970	1971	1970	1971
	'000 bushels		'000 tons	
Apples	108,209	93,155	2,272.4	1,956.3

(1) Source: Commonwealth Economic Committee.



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