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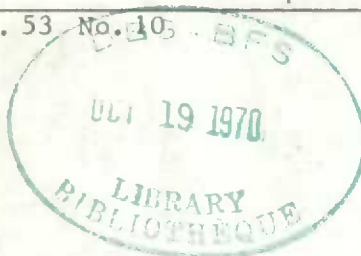
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STOCKS OF FROZEN MEAT PRODUCTS

October 1, 1970

Source and Content

This report contains data on the stocks of frozen meat held by meat packers and their sales' outlets, wholesale butchers, abattoirs and cold storage warehouses. Inventories are taken only at the wholesale level. Stocks of fresh and cured meats previously reported in this publication are no longer collected and therefore not available. Canned meat stocks are collected by the Manufacturing and Primary Industries Division of the Bureau of Statistics.

Inventory statement forms are supplied to each firm with instructions to complete and mail in time to reach the Bureau no later than the sixth of the month. Firms are required to report all stocks in their own establishment or in specially rented rooms elsewhere as at the opening of the first business day of the month. By a special arrangement, made with the industry through the Meat Packers Council of Canada, the larger meat packers report total meat inventories regardless of where held and are also permitted to submit figures of their period-end inventory providing such inventory has been taken within three days prior to the month end. Cold Storage warehouses are instructed not to report stocks held for these large packers.

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Livestock and Animal Products Section
Agriculture Division

October 1970
5503-507

EFFECTS OF NITRUS OXIDE PRODUCTION IN SOIL STORAGE

Journal of Agricultural Science, Cambridge (1973), 71, 1-10. Printed in Great Britain

October 1, 1973

The effect of nitrous oxide production in soil storage on the nitrogen balance of the soil and on the growth of plants is discussed. It is shown that the production of nitrous oxide in soil storage is a significant factor in the nitrogen balance of the soil and that it can lead to a loss of nitrogen from the soil. This loss of nitrogen can be reduced by the use of nitrification inhibitors.

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STOCKS OF FROZEN MEAT PRODUCTS IN COLD STORAGE

Held by Packers, Abattoirs, Wholesale Butchers and Cold Storage Warehouses

October 1, 1970

Total Meat

Total frozen meat in cold storage at the opening of the first business day of October 1970 amounted to 96,002,000 lb. as compared with 91,051,000 lb. last month and 56,324,000 lb. a year ago. The "in-to-storage" movement for September 1970 was 5.0 million pounds as compared with a similar movement of 8.1 million pounds last year.

Pork

Stocks of frozen pork products at October 1, 1970 amounted to 20,943,000 lb. as compared with 22,492,000 lb. last month and 15,154,000 lb. at October 1, 1969. The "out-of-storage" movement for September 1970 was 1.5 million pounds.

Beef

Domestic and imported stocks of frozen beef products in cold storage were 51,642,000 lb. as compared with 45,085,000 lb. last month and 28,006,000 lb. at October 1, 1969 and showed an "in-to-storage" movement of 6.6 million pounds for September 1970. Imported stocks amounted to 27,076,000 lb. at October 1, 1970, as compared with 6,192,000 lb. a year ago.

Veal

Stocks of frozen veal products, including imports, amounted to 4,996,000 lb. at October 1, 1970 as compared with 4,852,000 lb. last month and 3,885,000 lb. a year ago. The "in-to-storage" movement for September 1970 was 144 thousand pounds. Imported stocks at October 1, 1970, were 1,229,000 lb.

Mutton and lamb

Total stocks of frozen mutton and lamb products, including imported products, amounted to 18,421,000 lb. at October 1, 1970, as compared with 18,622,000 lb. last month and 9,279,000 lb. a year ago. The September 1970 "out-of storage" movement was 201 thousand pounds as compared with an opposite movement of 687 thousand pounds last year. Imported stocks of mutton and lamb amounted to 7,362,000 lb. and 9,043,000 lb., respectively.

Fancy Meats

Stocks of frozen fancy meats at October 1, 1970, amounted to 7,406,000 lb. as compared with 7,694,000 lb. last month and 6,713,000 lb. last year. The "out-of-storage" movement for September 1970 was 288 thousand pounds.

TABLE 1. Stocks of Frozen Meat in Cold Storage, Canada(1)

Kind and classification	Oct. 1, 1970	Sept. 1, 1970	Oct. 1, 1969
	preliminary	revised	
	thousand pounds		
Pork:			
Hams - 18/down	2,889	2,989	2,804
18/25	1,025	1,308	596
25/up	369	518	—
Backs - Boneless, skinless	533	698	587
Loins	397	359	362
Bellies - 12/down	1,119	815	765
12/up	401	481	26
Shoulders	263	254	171
Butts	641	835	808
Picnics	563	819	928
Tenderloins	116	175	175
Spare ribs	901	753	653
Back ribs	481	455	281
Trimblings - 80 % and up lean ..	1,478	1,839	768
below 80 %	1,247	1,478	382
skinless neck fat .	686	550	—
Unclassified	5,492	6,079	3,788
Totals	18,601	20,405	13,094
Beef:			
Bone in	7,214	7,327	6,512
Boneless	39,850	32,668	17,516
Totals	47,064	39,995	24,028
Veal:			
Bone in	1,539	1,547	1,662
Boneless	3,033	2,854	1,644
Totals	4,572	4,401	3,306
Mutton and lamb:			
Carcasses and cuts	18,359	18,556	9,183
Fancy meats:			
Pork	2,342	2,087	2,060
Beef	4,578	5,090	3,978
Veal	424	451	579
Lamb	62	66	96
Totals	7,406	7,694	6,713
Total Frozen Meat	96,002	91,051	56,324

(1) As a result of changes in classifications of pork products, beginning January 1, 1970, comparisons with detail data for 1969 are not possible in all cases. Comparative data for 1969 shows: hams 20/down and 20/up; bellies 14/down and 14/up; trimmings 80-85% and 50-80%; and carcasses, previously reported separately, included in unclassified.

TABLE 2. Stocks of Frozen Meat in Cold Storage, Maritimes(1)

Kind and classification	Oct. 1, 1970	Sept. 1, 1970	Oct. 1, 1969
	preliminary	revised	
	thousand pounds		
Pork:			
Hams - 18/down	170	163	135
18/25	12	23	49
25/up	37	32	—
Backs - Boneless, skinless	6	6	19
Loins	33	35	26
Bellies - 12/down	24	(15)	17
12/up		(9)	
Shoulders	24	26	48
Butts	67	49	42
Picnics	85	98	126
Tenderloins	2	2	5
Spare ribs	47	43	55
Back ribs	13	18	8
Trimnings - 80 % and up lean ..	69	43	24
below 80 %	44	48	7
skinless neck fat ..	15	12	—
Unclassified	120	114	91
Totals	768	736	652
Beef:			
Bone in	198	232	169
Boneless	1,656	1,852	473
Totals	1,854	2,084	642
Veal:			
Bone in	46	54	31
Boneless	55	41	13
Totals	101	95	44
Mutton and lamb:			
Carcasses and cuts	1,246	1,243	357
Fancy meats:			
Pork	137	115	45
Beef	237	287	165
Veal	35	35	16
Lamb	1	2	2
Totals	410	439	228
Total Frozen Meat	4,379	4,597	1,923

(1) See Footnote Page 4.

TABLE 3. Stocks of Frozen Meat in Cold Storage, Quebec(1)

Kind and classification	Oct. 1, 1970 preliminary	Sept. 1, 1970 revised	Oct. 1, 1969
	thousand pounds		
Pork:			
Hams - 18/down	1,740	1,576	1,444
18/25	406	473	62
25/up	52	86	—
Backs - Boneless, skinless	77	110	138
Loins	195	130	142
Bellies - 12/down	113	116	143
12/up	19	19	—
Shoulders	146	130	100
Butts	146	200	86
Picnics	172	209	136
Tenderloins	13	27	29
Spare ribs	122	92	88
Back ribs	134	102	60
Trimblings - 80 % and up lean ..	928	1,035	494
below 80 %	462	484	159
skinless neck fat .	338	223	—
Unclassified	1,853	1,929	1,006
Totals	6,916	6,941	4,087
Beef:			
Bone in	4,011	4,101	3,307
Boneless	18,634	15,197	7,381
Totals	22,645	19,298	10,688
Veal:			
Bone in	1,247	1,231	917
Boneless	1,928	1,892	1,238
Totals	3,175	3,123	2,155
Mutton and lamb:			
Carcasses and cuts	7,579	8,047	3,832
Fancy meats:			
Pork	473	343	266
Beef	823	916	459
Veal	315	337	433
Lamb	33	36	21
Totals	1,644	1,632	1,179
Total Frozen Meat	41,959	39,041	21,941

(1) See Footnote page 4.

TABLE 4. Stocks of Frozen Meat in Cold Storage, Ontario(1)

Kind and classification	Oct. 1, 1970 preliminary	Sept. 1, 1970 revised	Oct. 1, 1969
	thousand pounds		
Pork:			
Hams - 18/down	250	272	497
18/25	124	184	111
25/up	3	3	-
Backs - Boneless, skinless	104	166	124
Loins	55	63	93
Bellies - 12/down	182)		(240
12/up	-)	177	(-
Shoulders	6	31	5
Butts	163	94	188
Picnics	99	108	133
Tenderloins	55	71	100
Spare ribs	315	274	291
Back ribs	114	124	92
Trimnings - 80 % and up lean ..	182	276	70
below 80 %	368	453	116
skinless neck fat ..	45	56	-
Unclassified	1,958	2,203	874
Totals	4,023	4,555	2,934
Beef:			
Bone in	1,236	1,101	1,165
Boneless	13,588	10,174	4,876
Totals	14,824	11,275	6,041
Veal:			
Bone in	33	62	165
Boneless	886	727	268
Totals	919	789	433
Mutton and lamb:			
Carcasses and cuts	7,537	6,967	3,492
Fancy meats:			
Pork	623	614	893
Beef	852	1,056	1,072
Veal	50	64	66
Lamb	17	16	35
Totals	1,542	1,750	2,066
Total Frozen Meat	28,845	25,336	14,966

(1) See Footnote Page 4.

TABLE 5. Stocks of Frozen Meat in Cold Storage, Manitoba(1)

Kind and classification	Oct. 1, 1970 preliminary	Sept. 1, 1970 revised	Oct. 1, 1969
	thousand pounds		
Pork:			
Hams - 18/down	204	363	228
18/25	268	356	120
25/up	164	194	—
Backs - Boneless, skinless	173	149	205
Loins	13	9	20
Bellies - 12/down	437	304)	101
12/up	227	301)	
Shoulders	59	61	3
Butts	154	337	170
Picnics	113	266	110
Tenderloins	15	24	20
Spare ribs	168	133	62
Back ribs	79	107	57
Trimmings - 80 % and up lean ..	165	232	37
below 80 %	174	170	16
skinless neck fat .	76	64	—
Unclassified	944	1,129	619
Totals	3,433	4,199	1,768
Beef:			
Bone in	223	229	163
Boneless	2,113	1,898	1,771
Totals	2,336	2,127	1,934
Veal:			
Bone in	13	15	19
Boneless	83	119	32
Totals	96	134	51
Mutton and lamb:			
Carcasses and cuts	331	518	796
Fancy meats:			
Pork	473	319	172
Beef	687	664	563
Veal	13	3	11
Lamb	2	5	6
Totals	1,175	991	752
Total Frozen Meat	7,371	7,969	5,301

(1) See Footnote Page 4.

TABLE 6. Stocks of Frozen Meat in Cold Storage, Saskatchewan(1)

Kind and classification	Oct. 1, 1970	Sept. 1, 1970	Oct. 1, 1969
	preliminary	revised	
	thousand pounds		
Pork:			
Hams - 18/down	156	111	87
18/25		(67	39
25/up	73	(78	—
Backs - Boneless, skinless	82	121	73
Loins	42	59	7
Bellies - 12/down	84	26	24
12/up	57	57	—
Shoulders	23	(2)	(2)
Butts	42	84	41
Picnics	(2)	42	135
Tenderloins	11	23	4
Spare ribs	139	65	26
Back ribs	81	50	26
Trimnings - 80 % and up lean ..	76	192	19
below 80 %	131	255	47
skinless neck fat ..	(2)	(2)	—
Unclassified	222	303	209
Totals	1,219	1,533	737
Beef:			
Bone in	724	554	405
Boneless	743	703	482
Totals	1,467	1,257	887
Veal:			
Bone in	27	1	4
Boneless	37	49	57
Totals	64	50	61
Mutton and lamb:			
Carcasses and cuts	543	540	162
Fancy meats:			
Pork	227	245	217
Beef	462	509	334
Veal	1	1	3
Lamb	1	—	4
Totals	691	755	558
Total Frozen Meat	3,984	4,135	2,405

(1) See Footnote Page 4.

(2) Less than three firms reporting this item. The figures therefore cannot be shown separately but are included in unclassified.

TABLE 7. Stocks of Frozen Meat in Cold Storage, Alberta(1)

Kind and classification	Oct. 1, 1970 preliminary	Sept. 1, 1970 revised	Oct. 1, 1969
	thousand pounds		
Pork:			
Hams - 18/down	135	214	256
18/25	140	193	197
25/up	96	125	-
Backs - Boneless, skinless	75	130	(2)
Loins	26	32	57
Bellies - 12/down	156	89	81
12/up	81	56	5
Shoulders	(2)	(2)	(2)
Butts	44	44	157
Picnics	8	18	101
Tenderloins	(2)	3	1
Spare ribs	50	92	44
Back ribs	48	40	24
Trimnings - 80 % and up lean ..	13	14	39
below 80 %	9	18	21
skinless neck fat ..	(2)	(2)	-
Unclassified	166	221	774
Totals	1,047	1,289	1,757
Beef:			
Bone in	643	979	579
Boneless	1,167	1,079	847
Totals	1,810	2,058	1,426
Veal:			
Bone in	79	89	470
Boneless	10	10	18
Totals	89	99	488
Mutton and lamb:			
Carcasses and cuts	395	541	296
Fancy meats:			
Pork	368	418	429
Beef	1,347	1,474	1,162
Veal	9	10	47
Lamb	7	6	16
Totals	1,731	1,908	1,654
Total Frozen Meat	5,072	5,895	5,621

(1) See Footnote Page 4.

(2) Less than three firms reporting this item. The figures therefore cannot be shown separately but are included in unclassified.

TABLE 8. Stocks of Frozen Meat in Cold Storage, British Columbia(1)

Kind and classification	Oct. 1, 1970	Sept. 1, 1970	Oct. 1, 1969
	preliminary	revised	
	thousand pounds		
Pork:			
Hams - 18/down	234)	302	(157
18/25	19)		(18
25/up	-	-	-
Backs - Boneless, skinless	16	16	24
Loins	33	31	17
Bellies - 12/down	140	127	(172
12/up	(2)	(2)	(8
Shoulders	25	27	11
Butts	79	78	124
Picnics	18	25	187
Tenderloins	60	54	16
Spare ribs	12	14	87
Back ribs	45	47	14
Trimnings - 80 % and up lean ..	59	50	85
below 80 %	199	187	16
skinless neck fat ..	256	194	-
Unclassified			223
Totals	1,195	1,152	1,159
Beef:			
Bone in	179	131	724
Boneless	1,949	1,765	1,686
Totals	2,128	1,896	2,410
Veal:			
Bone in	94	95	56
Boneless	34	16	18
Totals	128	111	74
Mutton and lamb:			
Carcasses and cuts	728	700	248
Fancy meats:			
Pork	41	33	38
Beef	170	184	223
Veal	1	1	3
Lamb	1	1	12
Totals	213	219	276
Total Frozen Meat	4,392	4,078	4,167

(1) See Footnote Page 4.

(2) Less than three firms reporting this item. The figures therefore cannot be shown separately but are included in unclassified.



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TABLE 9. Stocks of Frozen Imported Meat (Included in Tables 1 to 8)

Kind and classification	Oct. 1, 1970 preliminary	Sept. 1, 1970 revised	Oct. 1, 1969
	thousand pounds		
Beef - Bone-in	989	692	853
Boneless	26,087	20,664	5,339
Veal - Bone-in	298	224	252
Boneless	931	753	195
Mutton	7,362	7,877	3,719
Lamb	9,043	9,094	3,450
Totals	44,710	39,304	13,808

TABLE 10. Summary of Frozen Meat Stocks by Kind, Canada

Kind	Oct. 1, 1970 preliminary	Sept. 1, 1970 revised	Oct. 1, 1969
	thousand pounds		
Pork	20,943	22,492	15,154
Beef	51,642	45,085	28,006
Veal	4,996	4,852	3,885
Mutton and Lamb	18,421	18,622	9,279
Totals	96,002	91,051	56,324