32-004

MONTHLY



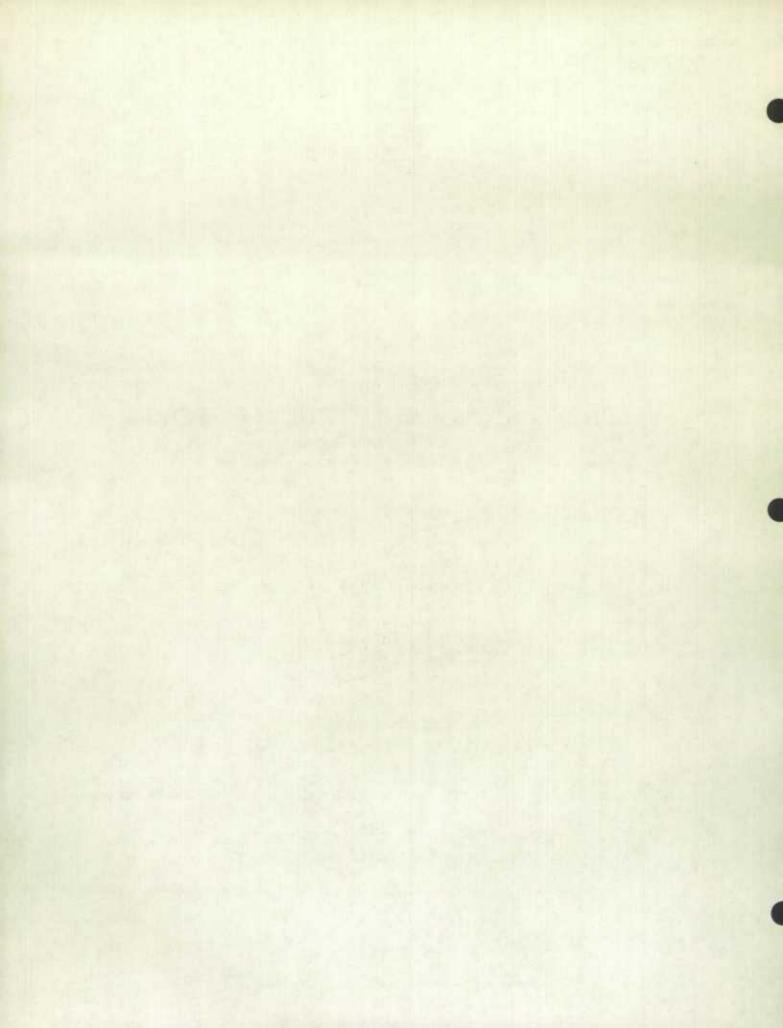
SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS JANUARY 1960



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The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division



In October, 1947 the Dominion Bureau of Statistics, in co-operation with the National Council of the Canadian Feed Manufacturers' Association, commenced a survey on a sample basis of Shipments of Prepared Stock and Poultry Feeds, showing export shipments as well as provincial destinations in Canada.

By 1950 the monthly survey on Shipments assumed real value since it formed a basis of comparing current months with corresponding months of the previous year. Because it was still difficult to estimate certain individual commodities reliably, the coverage of the survey was increased to 200 firms in 1951 and became representative of about 76% of the total volume of the industry. This series was presented on an index basis up to the end of 1953.

During 1953 the feeds industry desired volume figures which would reveal the actual disappearance into the hands of ultimate consumers. The result is the current survey which is produced from monthly returns of all primary manufacturers of concentrates together with returns of a sample survey of manufacturers who use raw ingredients in their finished feeds.

The information presented in this report has been arranged as follows:

Table 1 presents the total annual production of Primary and Secondary or complete feeds in Canada for 1958 together with an estimate of production for the calendar year 1959 and as well the production for the current month in 1959 and 1960 with cumulative totals for 1959 and 1960.

Table 2 shows the 1960 shipments of primary or concentrated feeds by principal commodities, provincial destination and export. Column (a) gives the total shipments of all concentrates while column (b) gives the shipments of concentrates moving out of the Industry in their original form. The difference between column (a) and column (b) shows the amount of primary feeds used by the secondary feed manufacturers in producing complete feeds. Factor No. 2, which will convert concentrates to feeds is included respectively in brackets after the title of each concentrate. (See pages 4, 6 and 8). How to use these factors is explained on page 21.

Table 3 shows the volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export. Using conversion factors provided by all firms in the primary survey, the resulting volume of feeds has been added to those totals reported by firms which manufacture finished feeds from raw materials. The volume of feeds, shown in this section, therefore, represents the estimated total feeds shipped by all types of manufacturers including franchise operators and independent manufacturers who purchase concentrates from primary manufacturers. Factor No. 1, which will show the proportion of concentrates moving out of the Industry is shown on page 20.

Table 4 presents the volume of shipments by manufacturers of other types of stock feeds by principal commodities, provincial destination and export. In this section specialized feeds such as dog and cat foods, mineral mixtures, etc., are the result of 100% survey of the producing industry. Other commodities are estimated on a sample basis.

CLASSIFICATION OF FEEDS

A complete feed is a formulated feed to be fed as is, and may be in the form of mash, pellets, crumbles, cubes, etc. For your assistance in classifying these commodities, the following explanation is offered:

- 1. Calf concentrates Any concentrate for making a complete Calf Feed.
- Dairy and Cattle concentrates Any concentrate 24% protein or higher for Cattle or Dairy Cows.
- 3. Swine concentrates Any concentrate 35% protein or higher for swine.

4. Poultry Concentrates:

- (a) Chick Starter Concentrates Any concentrate for making a complete Chick Starter.
- (b) Broiler Concentrates Any concentrate for making a complete Broiler Feed.
- (c) Laying and Hatching Concentrates Any concentrate for making a complete feed for laying hens.
- (d) Fattening and Finishing Concentrates Any concentrate for making a complete fattening feed for fowl other than Broilers or Turkeys.
- (e) Turkey Concentrates Any concentrate for making a complete turkey feed.
- (f) Other Concentrates Any concentrate for Poultry not covered by any other classification.
- 5. Calf feeds Any complete feed for calves up to 5 months of age.
- 6. Dairy and Cattle Feeds Any complete feed under 24% protein for Cattle or Dairy Cows but excluding Calf Feeds.
- 7. Swine Feeds Any complete swine feed under 35% protein.

8. Poultry Feeds:

- (a) Chick Starter Feeds Any complete feed for starting chickens other than Broilers.
- (b) Broilers Feeds Any complete feed for starting, growing or finishing Broilers.
- (c) Growing Feeds Any complete feed for growing chickens.
- (d) Laying and Hatching Feeds Any complete feed for laying hens.
- (e) Fattening and Finishing Feeds Any complete feed for fattening cockerels, capons or other fowl other than broilers and turkeys and excluding Scratch Grains.
- (f) Turkey Feeds Any complete feed for starting, growing or finishing turkeys.
- (g) Other Complete Feeds Any complete feed for pheasants, ducks or other poultry and not covered by any other classification.

11. Dog and Cat Foods:

- (b) Biscuits Kibble and all baked products.
- (c) Meal Pellets, cubes and other forms.
- 12. Scratch Grains Any mixture of Whole or Cracked Grains only for Poultry.
- 13. Other Animal Feeds Such as Horse Feed, Rabbit Feed, etc.

Pable 1 - Shipments of Prepared Stock and Poultry Feeds in Canada 1958 together with estimated comparable data for 1959. Current monthly shipments accompanied by cumulative totals for 1959 and 1960 reported in columns (3), (4), (5), and (6) respectively.

				ESTIMATED		
	1958 Total Shipments	1959 Total Shipments	January 1959	January 1960	Cumulative 1959	Cumulati 1960
	Ton	Ton	Ton	Ton	Ton	Ton
"A" PRIMARY OR CONCENTRATED FEEDS						
Calf Concentrates	3,218	6,160	222	226	222	226
Dairy and Cattle Concentrates	107,451	109,780	10,752	226 11,099	222 10,752	226 11,099
wine Concentrates	146,648	164,126	15,351	12,934	15,351	12,934
Oultry Concentrates Total	180,229	189,633	14,687	12,955	14,687	12,955
Chick Starter	10,264	8,524	651	405	651	405
Broiler Growing, Laying and Hatching	26,305 120,323	26,240 121,020	2,200	1,854	2,200	1,854
Fattening and Finishing	784	603	10,785	9,751 155	10,785	9,751
Turkey	17,752	21,799	592	406	592	406
Other Poultry (2)	4,801	11,447	453	384	453	384
Cotal All Concentrates	437,546	469,699	41,012	37,214	/1 012	27 21/
ordinary doubles and a second		405,057	41,012	37,214	41,012	37,214
"B" SECONDARY OR COMPLETE FEEDS						
:: I Feeds	28,090	33,754	2,041	2,213	2,041	2,213
Dairy and Cattle Feeds	490,303	495,577	46,042	47,411	46,042	47,411
wine Feeds	737,411	801,255	75,595	60,840	75,595	60,840
Poultry Feeds Total	1,256,008	1,284,295	93,604	85,121	93,604	85,121
Chick Starter	93,214	79,926	5,594	3,640	5,594	3,640
Broiler	294,374	285,803	20,816	20,816	20,816	20,816
Growing, Laying and Hatching	660,371	679,780	57,094	52,993	57,094	52,993
Fattening and Finishing Turkey	14,290 166,424	10,379 189,286	595 6,981	1,338	595	1,338
Other Poultry	27,335	39,121	2,524	4,362 1,972	6,981 2,524	4,362 1,972
Total All Complete Feeds	2,511,812	2,614,881	217,282	195,585	217,282	195,585
		2,020,002		177,303	211,202	195,505
"C" ALL OTHER ANIMAL FEEDS						
og and Cat Foods	71,708	78,371	6,711	6,294	6,711	6,294
Canned	56,723	61,180	5,327	4,884	5,327	4,884
Biscuits Other (Masle etc.)	4,149	4,489	342	349	342	349
Other (Meals, etc.) (ineral Mixtures	10,836 11,124	12,702 11,661	1,042	1,061	1,042	1,061
ox and Mink Foods	9,087	9,309	594	492	594	492
cratch Feeds	59,375	49,316	4,127	3,081	4,127	3,081
ther Animal Feeds	20,647	19,322	1,530	1,344	1,530	1,344
Chopped, Ground or Crushed Grain Feeds	344,199	405,185	33,300	31,733	33,300	31,733
Cotal Section "C"	516,140	573,164	47,557	44,226	47,557	44,226

⁽²⁾ Includes concentrates not specified.

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

		Newfou	ndland	Prince Isla	Edward	Nova S	cotia	New Bru	nswick	Queb	ec
		(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
CALF CONCENT	CRATES (2.3)										
	anuary	-	-	3		2	1	3	1	46	
	ebruary arch										
Ap	oril										
	i y										
	ine ily										
	igust										
	eptember										
00	ctober										
	vember										
	ecember Total										
	100.01										
DAIRY AND CA	TTLE CONCENTRATES (6.0)										
Ja	nuary	_	-	233	95	291	103	218	118	1,671	39
Fe	bruary										
	irch										
	orii Iv										
	une:										
	ily										
	igust										
	eptember										
	ctober evember										
	ecember										
	Total										
SWINE CONCEN	TRATES (6.8)										
				0.4	107	0.7	1.5	100		0.000	
	inuary	-	-	266	107	97	45	180	82	3,392	60
	ebruary arch										
	oril										
Ma	ly										
	ine										
	ily										
	igust eptember										
	tober										
	ovember										
De	ecember Total										
	totai										
POULTRY CONC	CENTRATES AND PREMIXES TOTAL	AL									
	nuary	-	-	83	23	343	90	185	87	3,224	34
	bruary										
	rch oril										
	19										
Ju	ine										
	ıly										
	igust										
	eptember etober										
	ovember										
746											
De	ecember Total										

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

Onta	rio	Mani	toba	Saskatch	lewan	Albe	rta	Briti Colum	sh bia	Ежро	rt	TOTA	AL
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
134	18	12	2	5	1	14	4	7	2			226	36
6,827	3,994	186	136	318	250	1,273	896	64	61	18	15	11,099	6,062
7,159	3,723	456	350	227	170	1,153	842	4	3			12,934	3,929
6,517	2,311	1,067	770	461	381	947	650	128	107	A.		12,955	4,759

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such shown in tons. (Continued)

	Newfou	ndland	Prince Isla		Nova S	cotia	New Bru	ınswick	Queb	ec
	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
CHICK STARTER CONCENTRATES (3.3)										
January February March April May June July August September October November December Total			3		13	3	10	3	135	11
BROILER CONCENTRATES (3.3)										
January February March April May June July August September October November December Total GROWING, LAYING AND HATCHING CONCENTRATES (5.0) January			3	1		5		11	1,049	1
February March April May June July August September October November December Total			75	22	292	82	164	73	1,941	309
FATTENING AND FINISHING CONCENTRATES (8.0)										
January February March April May June July August September October November December			2						14	1

Pable 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Continued)

Onta	rio	Manit	oba	Saskatc	hewan	Albe	rta	British Columb	ia	Ежро	ort	TOTA	AL
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
133	13	61	17	32	4	10		8				405	52
.33													
472	15	102	53	39	39	140	20		-	-		1,854	145
3,314	2,035	294	622	326	293	748	306	77	83		-	9,751	5,117
122	40		-		-	17	11					155	52

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipmants of primary or concentrated feeds by principal commodities, provincial destination and expert, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

	Newfou	ndland	Prince Isla	Edward	Nova S	cotia	New Bru	nswick	Quel	ec
	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)·	(A)	(B)
KEY CONCENTRATES (3.7)										
January February		-	-	- 1		-	-		65	
March										
April May										
June										
July										
August September										
October										
November December										
Total										
HER POULTRY CONCENTRATES (4.0)										
									20	
Junuary February	0 0		-		-	-			20	
March										
April May										
June										
July										
August September										
October										
November December										
Total										
TAL ALL CONCENTRATES										
January			585	225	733	239	586	288	8,333	1,
February March										
April										
May										
June July										
August										
September										
October November										
December										
Total										

Table ? - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

Ontar	lo	Manit	oba	Saskato	hewan	Albe	rta	Briti	lsh	Ехро	rt	тот	AL
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(A)	(A)	(B)
140	16	110	78	56	37	32	23	3	2	•		406	15
336	¥\$12			8	9			20	2/0			384	2

20,637	10,046	1,721	1,258	1,011	802	3,387	2,392	203	1.73	18	15	37,214	16,786

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons.

	Newfor	indland		e Edward land	Nova	Scotia	New Bru	nswick	Que	bec
and the series of the series	1959	1960	1959	1960	1969	1960	1959	1960	1959	1960
CALF FEEDS										
January	1	30	28	35	73	63	43	55	287	33
February	4		29		69		54	23	344	33
March	7		43		73		68		489	
April	2		52		75		99		844	
May June	4 3		84 104		74		88		931	
July	4		70		55 57		75 82		990	
August	(3)		70		66		63		692 461	
September	5		54		67		50		363	
October	14		38		109		53		299	
November December	4		26		64		42		319	
Total	<u>(3)</u> 233		623		76		50		284	
*^ 6 a 7	233		023		858		767		6,303	
DAIRY AND CATTLE FEEDS										
January	590	443	1,029	1,149	3,496	3,302	1,791	2,283	10 200	0.00
February	316	143	858	1,147	3,346	3,302	1,791	2,203	10,290 9,859	9,97
March	324		1,035		3,723		1,967		12,685	
April	339		858		3,519		2,111		15,066	
May	199		947		2,936		2,029		13,121	
June	253		497		1,112		819		7,498	
July August	257 116		432		1,365		872		8,268	
September	270		523 658		1,706		1,137		9,430	
October	502		722		2,848		1,600		9,366 14,533	
November	471		876		3,759		1,869		15,056	
December	416		1,212		4,344		2,309		12,408	
Total	4,053		9,647		34,153		19,586		137,580	
SWINE FEEDS										
January	48	27	2,183	1,636	1,461	1,470	1,513	1,713	31,682	24,29
February	25		1,645	, , , , , ,	1,295	-, ., .	1,356	-,	25,655	27,27
March	39		1,926		1,287		1,405		25,503	
April	43		1,262		1,191		1,153		23,885	
May June	66 96		1,551		1,118		1,249		20,896	
July	176		1,822		1,311		1,175		22,331	
August	125		1,917		1,771		1,687		26,847 23,438	
September	142		2,068		1,813		1,649		25,574	
October	188		1,900		1,811		1,475		28,774	
November	154		1,769		1,727		1,591		25,119	
December Total	1,171		1,835		1,854		1,450		27,227 306,931	
20002	1,111		21,704		10,107		17,200		300,931	
POULTRY FEEDS TOTAL										
January	382	640	749	477	6,367	5,350	2,105	2,096	21 226	22 00
February	545	940	651	4//	5,835	5,550	1,977	2,090	21,326 22,448	23,06
March	592		863		5,818		2,505		24,546	
April	716		736		5,888		2,442		26,821	
May	509		895		6,663		3,709		23,904	
June	767		1,181		6,389		2,787		27,615	
July	888 553		929		6,555		2,635		29,730	
August September	569		813 857		6,134		2,614		25,353	
October	1,066		713		6,200		2,683		28,314 29,182	
November	819		651		6,208		2,362		25,407	
December	440		579		5,412		2,294		25, 341	
Total	7,846		9,617							

⁽³⁾ Data not available.

 $\begin{array}{c} \text{Fable 3 -} \underbrace{\text{SECONDARY OR COMPLETE FREDS.}} & \text{Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons.} \\ \end{array}$

Onta	ario	Manit	oba	Saskato	hewan	Albe	rta	Briti Colum		Екроп	rt	TOTA	\L
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
1,236 1,404 2,208 2,356 2,452 2,239 2,045 1,580 1,421 1,302 1,344 1,451 21,038	1,284	58 68 71 93 69 41 38 (3) 41 77 63 (3) 701	75	85 112 111 88 89 65 41 39 51 68 80 67	100	98 91 110 112 91 79 117 63 78 98 76 95	92	129 104 113 109 66 78 75 77 78 107 137 128	145	3 1 3 4 4 1 - - 2 5 3 26	4	2,041 2,280 3,296 3,834 3,952 3,730 3,221 2,629 2,208 2,167 2,160 2,236 33,754	2,21:
19,111 18,924 20,120 19,199 13,419 7,905 10,475 9,691 10,879 15,316 22,983 26,822 194,844	19,515	370 291 282 249 220 114 100 158 157 364 624 610	438	648 583 494 391 233 236 220 314 266 995 1,025 1,090 6,495	737	2,464 2,182 2,373 1,766 1,450 1,368 894 1,140 1,444 1,902 2,106 2,867 21,956	2,968	6,228 5,733 6,066 5,820 3,928 3,731 4,054 4,099 4,647 5,295 5,785 7,111 62,497	6,579	25 13 16 26 22 10 21 12 17 26 23 15 226	19	46,042 43,807 49,085 50,344 38,504 23,543 26,958 28,326 31,084 44,103 54,577 59,204 495,577	47,41
32,816 30,669 30,792 30,116 27,777 27,948 33,116 27,434 30,012 30,630 30,033 32,103 353,446	27,654	1,023 929 875 1,020 987 871 924 885 953 1,100 1,128 1,004 11,699	924	824 871 998 749 593 795 578 879 648 704 722 633 8,994	500	3,578 3,444 4,364 3,051 2,773 3,131 2,440 3,233 2,879 3,116 2,711 2,740 37,460	2,313	439 324 347 415 395 457 509 579 500 507 359 314 5,145	296	28 16 16 24 20 24 17 28 29 32 37 10 281	10	75,595 66,229 67,552 62,909 57,425 59,961 69,478 61,976 66,267 70,237 65,350 69,239 792,218	60,84
46,351 45,406 50,797 54,238 54,875 56,271 50,416 48,577 49,825 17,345 13,633 44,098	39,658	2,167 2,548 3,550 4,341 5,275 3,458 3,134 2,021 1,500 1,815 2,000 1,501 33,310	1,731	1,468 2,378 2,994 3,494 3,528 2,938 1,876 1,391 823 841 626 649 23,006	875	2,246 2,918 4,844 4,849 3,887 2,699 2,853 2,778 2,409 2,274 1,712 38,281	1,837	10,198 8,981 10,852 12,275 13,726 12,774 14,462 13,282 12,189 12,641 10,972 10,288 142,640	9,274	245 298 165 133 223 174 214 148 106 246 167 265 2,384	122	93,604 93,985 107,520 115,896 118,156 118,241 123,541 103,739 105,776 106,780 95,119 92,779 1,275,136	85,12

⁽³⁾ Data not available.

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons. (Continued)

	Newfou	ndland	Prince Isl	Edward and	Nova	Scotia	New Br	unswick	Qu	ebec
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
CHICK STARTER FEEDS										
January	3	27	28	11	345	217	77	78	1,391	1 10
February	6		42		298	4.1.1	156	70	1,517	1,10
March	25		101		307		256		2,157	
April	41		108		371		308		2,880	
May June	39 20		133 146		336		486		2,616	
July	30		83		214 177		221		2,829	
August	9		22		51		92 31		2,280	
September	15		8		37		17		1,331	
October	20		3		47		8		989	
November	18		2		112		17		943	
December Total	235		680		2,462		1,702		1,215	
			000		2,402		1,702		21,178	
BROILER FEEDS										
January		-	23	41	632	738	342	283	4,708	7,90
Pebruary			24		528		254	200	6,539	7,70
March			7		574		374		7,352	
April			18		542		275		8,776	
May June	60		52		742		709		7,699	
July			106 76		607		289		8,028	
August			46		804 656		321 245		8,638	
September	40		63		697		356		7,221 8,559	
October			44		617		359		8,396	
November	-		33		638		339		8,312	
December Total	-		<u>29</u> 521		7,548		4,249		8,403	
EROWING, LAYING AND HATCHI	NG FEEDS				1,540		4,247		91,631	
January	363	597	627	389	5,228	4,323	1,560	1,633	12,659	12,05
February	526		534		4,850		1,432	,	11,866	,
March	544		702		4,805		1,771		11,931	
April May	650 449		585		4,808		1,737		12,305	
June	731		678 837		5,314 5,215		2,173		10,515	
July	833		670		5,158		1,951		12,291	
August	514		624		5,091		1,892		11,881	
September	523		643		4,930		1,884		13,534	
October	1,023		482		5,096		1,528		14,888	
November	761		529		5,197		1,665		12,385	
December	425		503		4,514		1,787		13,364	
Total	7,342		7,414		60,206		21,247		151,870	
ATTENING AND FINISHING FE	EDS									
January February		1 -	2 5	20	31 31	7	23	8	297	49
March	THE STATE OF THE S		15		20		12 8		165	
April			-		11		12		294 176	
May	1		2		7		48		252	
June	V. C. Tell		4		41		23		267	
July			11		29		45		284	
August	-		17		22		68		324	
September October	-		14 29		37		53		479	
November			6		94 43		76		781	
December	1		6		23		90 15		662	
Total	- 1		111		389		473		4,480	

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons (Continued)

Onta	irio	Manit	oba	Saskat	chewan	Albe	rta	Brit Colu		Ехро	ort	TO	ral
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
1,872 2,045 3,437 4,789 4,766 3,614 1,779 829 709 748 780 1,112 26,480	1,145	479 688 1,217 1,567 1,557 747 390 176 47 270 308 212 7,658	272	570 824 1,246 1,413 1,134 537 103 65 133 128 85 113 6,351	328	433 908 2,009 1,850 1,529 582 138 106 113 113 100 75 7,956	204	383 401 613 808 748 576 359 233 207 238 245 196 5,007	249	13 5 12 11 13 16 14 12 11 12 10 	8	5,594 6,890 11,380 14,146 13,357 9,502 5,445 2,865 2,327 2,576 2,620 3,148 79,850	3,640
12,243 11,908 12,556 13,452 12,658 11,226 12,355 11,214 10,929 11,343 9,628 10,520 140,032	9,566	219 154 183 159 222 242 246 197 204 161 173 2,422	188	7 27 12 25 10 22 27 20 36 16 203	19	588 455 643 553 802 851 764 756 1,143 784 539 386 8,264	494	2,018 2,282 2,531 2,590 3,124 2,034 2,545 2,180 1,763 2,062 1,910 1,536 26,575	1,547	42 34 43 14 9 20 30 28 13 40 29 45 347	34	20,816 22,178 24,270 26,406 26,029 23,408 25,785 22,654 23,747 23,869 21,625 22,096 282,883	20,816
26,707 25,364 27,419 26,008 15,050 26,167 29,457 21,977 22,459 23,675 24,071 26,235 304,589	24,771	1,164 1,076 1,068 1,171 1,385 1,192 1,600 1,030 905 1,136 1,366 1,027	1,033	324 338 260 280 364 362 311 222 117 302 349 297 3,526	303	1,110 1,108 1,183 1,374 1,429 1,611 1,127 1,093 1,048 1,103 1,057 1,071	952	7,177 5,678 6,828 7,301 7,650 7,521 8,315 7,781 7,475 7,618 6,888 7,701 87,933	6,854	175 258 108 108 200 137 169 106 82 192 128 208 1,871	80	57,094 53,030 56,619 56,327 55,207 58,015 63,758 52,211 53,600 57,043 54,396 57,132 674,432	52,993
114 154 193 289 141 124 128 138 247 302 258 242 2,330	730	14 9 3 11 35 25 10 28 22 72 69 5	15	1 3 1 8 17 5 11 1 1 49		45 1 13 17 10 10 90 207 68 139 73 56 729	50	56 20 20 52 7 29 287 216 41 404 274 84 1,490	10	13		595 398 569 576 504 524 893 1,037 966 1,909 1,476 932	1,338

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons. (Concluded)

	Newfoun	dland	Prince I		Nova S	Scotia	New Bru	unswick	Quel	ec
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
TURKEY FEEDS										
January February March April May June July August September October November December	5 13 15 16 19 16 21 28 31 20 38 2 224	15	35 29 19 12 21 75 86 102 125 149 77 28	6	61 81 91 113 213 251 373 293 396 315 184 	31	31 28 42 67 204 224 272 311 310 295 190 33 2,007	50	1,851 1,953 2,390 2,332 2,440 3,771 3,907 4,275 4,354 3,700 2,693 1,602 35,268	1,09
OTHER POULTRY FEEDS										
January February March April May June July August September October November December	8 9 1 -4 2 -3 2 3 43	1	34 17 19 13 9 13 3 2 4 6 4 9	10	70 47 21 43 51 61 14 21 35 31 34 52 480	34	72 95 54 43 89 79 38 67 63 56 61 40	44	420 408 422 352 382 429 370 321 358 428 412 458 4,760	401
TOTAL ALL SECONDARY FEEDS										
January February March April May June July August September October November December	1,021 890 962 1,100 778 1,119 1,325 (3) 986 1,770 1,448 (3) 13,303	1,140	3,989 3,173 3,867 2,908 3,477 3,604 3,257 3,323 3,637 3,373 3,322 3,651 41,581	3,297	11,397 10,545 10,901 10,673 10,791 8,867 9,525 9,677 10,012 10,968 11,758 11,686 126,800	10,185	5,452 5,089 5,945 5,805 7,075 4,856 5,086 5,501 5,762 5,450 5,864 6,103 67,988	6,147	63,585 58,306 63,223 66,616 58,852 58,434 65,537 58,682 63,617 72,788 65,901 65,460 761,001	57,660

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons. (Concluded)

Ontar	rio	Mani	toba	Saskat	chewan	Albe	erta	Brit Colu	ish mbia	Ехр	ort	TOT	AL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
3,726 4,551 5,863 7,361 9,664 12,429 14,057 12,377 12,697 10,904 6,412 3,334 103,375	2,324	291 621 1,079 1,433 2,076 1,272 891 501 329 132 96 78 8,799	222	566 1,211 1,476 1,769 2,015 2,008 1,434 1,063 540 379 150 210	222	51 406 947 993 1,038 798 505 609 357 220 120 84 6,128	130	364 423 667 1,203 1,688 1,998 2,336 2,415 2,185 1,801 1,120 462 16,662	272	1 - 2 - 1 - 4		6,981 9,316 12,589 15,299 19,379 22,843 23,882 21,976 21,324 17,916 11,080 5,887 188,472	4,362
1,689 1,384 1,323 2,332 2,596 2,711 2,640 2,042 2,784 2,373 2,484 2,655 27,013	1,122	- - - 1 - 1 - 6 8	1	7 4 2 4 3 5 13 2 1 1 5 12 5 9	3	19 40 49 25 41 35 75 82 49 50 385 40	7	200 177 193 321 509 616 620 457 518 518 535 309 4,973	342	2 1 2 5		2,524 2,173 2,093 3,142 3,681 3,949 3,778 2,996 3,812 3,467 3,922 3,584 39,121	1,972
99,514 96,403 103,911 106,909 98,523 94,363 106,052 87,282 92,137 96,593 97,993 104,474 1,184,154	88,111	3,618 3,836 4,778 5,703 6,551 4,484 4,196 (3) 2,651 3,356 3,815 (3) 49,249	3,168	3,025 3,944 4,597 4,722 4,443 4,034 2,718 2,623 1,788 2,608 2,453 2,439 39,394	2,212	8,386 8,635 11,691 9,741 9,163 8,465 6,150 7,289 7,179 7,525 7,167 7,414 98,805	7,210	16,994 15,142 17,378 18,619 18,115 17,040 19,100 18,037 17,414 18,550 17,253 17,841 210,483	16,294	301 328 200 187 269 209 252 188 152 306 232 293 2,917	155	217,282 206,301 237,453 232,983 218,037 205,475 223,198 196,670 205,335 223,287 217,206 223,458 2,606,685	195,585

⁽³⁾ Data not available.

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1959 - 1960, shown in tons.

	Newfou	ndland	Prince Isla	Edward and	Nova	Scotia	New Br	unswick	Quebec		
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	
DOG AND CAT FOODS TOTAL											
January February March April May June July August September October November December	14 16 21 42 39 17 23 36 32 37 47 28 352	11	22 17 12 27 18 12 16 14 17 25 22 12 214	18	366 238 206 351 243 176 227 335 393 303 299 224 3,361	209	162 77 81 105 126 86 92 125 138 134 128 93 1,347	114	1,036 701 814 885 935 779 804 901 989 955 951 739	971	
CANNED											
January February March April May June July August September October November December	11 12 17 37 35 15 17 29 28 30 38 24 293	9	16 13 10 25 16 10 11 11 13 16 18 10 169	9	321 201 175 319 213 140 191 302 345 220 266 190 2,883	171	143 60 68 91 109 70 74 109 115 95 115 80 1,129	98	932 611 719 782 836 660 685 787 858 818 803 634 9,125	862	
BISCUITS											
January February March April May June July August September October November December	1 1 1 2 1 3 2 1 1 1 1 1		4 1 1 1 1 1 1 2 - 11		5 6 7 5 4 7 8 8 8 9 10 7 6	7	2 3 3 3 3 3 2 5 6 3 3 3 3	3	31 32 31 38 28 34 37 37 40 39 52 32 431	31	
OTHER (MEALS, ETC.)											
January February March April May June July August September October November December	3 4 3 5 4 2 6 8 3 45	2	2 3 2 1 2 2 4 2 3 9 2 2 2 4 2 3	9	40 31 24 27 26 29 28 25 39 73 26 28 396	31	17 14 10 11 14 13 15 14 18 33 10 10	13	73 59 64 65 71 85 82 77 91 98 96 73	78	

Table 4 - $\frac{\text{ALL OTHER ANIMAL FEEDS.}}{\text{commodities, provincial destination and export, 1959 - 1960 shown in tons.}$

Onta	ario	Mani	toba	Saskat	chewan	Albe	rta	Brit Colu		Екр	ort	TO	TAL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
2,865 3,323 2,324 2,669 2,676 3,178 2,945 2,996 3,357 3,347 3,450 2,737 35,867	2,645	228 150 170 185 234 185 201 164 180 202 268 151 2,318	187	131 140 54 95 80 71 102 114 111 131 93 75 1,197	75	539 405 402 487 512 455 446 515 511 582 507 365 5,726	455	1,295 1,271 1,354 1,250 1,314 1,341 1,476 1,406 1,547 1,487 1,526 1,235 16,502	1,502	53 83 64 111 99 89 108 57 103 85 102 46 1,000	104	6,711 6,421 5,502 6,207 6,276 6,389 6,440 6,663 7,378 7,288 7,393 5,703 78,371	6,294
2,149 2,692 1,756 2,020 2,142 2,549 2,245 2,310 2,580 2,471 2,594 2,063 27,571	1,918	183 124 149 161 208 140 144 123 141 145 219 128 1,865	154	106 104 33 73 54 52 57 67 75 71 58 47	54	467 320 321 417 399 345 334 393 377 428 411 241 4,453	352	951 960 1,027 948 987 981 1,053 1,016 1,118 1,000 1,044 889 11,974	1,155	48 83 61 110 77 78 90 56 94 82 99 44 922	102	5,327 5,179 4,336 4,983 5,076 5,040 4,901 5,203 5,744 5,376 5,665 4,350 61,180	4,884
235 196 193 250 144 238 263 237 262 261 337 245 2,861	240	4 4 5 4 5 8 9 9 8 9 10 <u>6</u>	7	2 3 1 2 2 3 4 5 5 3 8 3 41	3	8 7 8 7 11 14 17 15 18 15 19 11 150	10	48 37 38 45 37 52 118 71 61 64 153 44 768	48	3 3 3 - 1 1 1 - 11		342 289 287 356 235 364 464 388 411 409 593 351 4,489	349
481 435 375 399 390 391 437 449 515 615 519 429 5,435	487	41 22 16 20 21 37 48 32 31 48 39 17	26	23 33 20 20 24 16 41 42 31 57 27 25 359	18	64 78 73 63 102 96 95 107 116 139 77 113	93	296 274 289 257 290 308 305 319 368 423 329 300 3,758	302	2 -3 1 22 8 15 1 9 2 2 2 2	2	1,042 953 879 868 965 985 1,075 1,072 1,223 1,503 1,135 1,002 12,702	1,061

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons.

		Newfou	ndland	Prince Isla	Edward	Nova S	cotia	New Bri	nswick	Que	ebec
		1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
MINERAL	MIXTURES										
	January			14	10	17	1	7	8	247	239
	February	- 10		11		14		8		244	
	March	-		11		11		9		242	
	April May			7 5		6 2		2 2		255 180	
	June			3		2		1		131	
	July	-		6		- 6		3		148	
	August	-		5		3		2		129	
	September	-		7		4		1		200	
	October November			11 8		9		3 2		296 235	
	December			12		4		4		255	
	Total	-		100		82		44		2,562	
FOX AND	MINK FOODS										
	January		1	7	2	7	32	7	7	85	50
	February	3		i	-	33	32	4		35	30
	March	6		1		7		6		49	
	April	42		12		22		6		5.5	
	May	26		1		30		4		32	
	June July	35 70		2 18		64		9		113 101	
	August	85		4		58		17		153	
	September	99		4		37		14		126	
	October	150		16		76		16		149	
	November	94		9		5		15		111	
	December Total	610		78		422		118		1,074	
SCRATCH	FEEDS										
	January	527	358	9	7	1,D86	734	575	486	929	555
	February	314	330	10	,	1,092	754	589	400	757	222
	March	537		17		1,096		480		703	
	April	497		20		1,007		443		740	
	May	390		18		1,112		561		643	
	June July	581 422		17 27		1,096 930		484 579		731 795	
	August	366		23		1,113		578		886	
	September	490		21		1,140		582		985	
	October	794		16		1,215		505		1,061	
	November	677		18		1,041		507		991	
	December Total	373 5,968		204		917 12,845		487 6,370		737 9,958	
ALL OTH	IER ANIMAL FOODS										
	January	19	45	178	9	127	249	41	38	133	145
	February	11	45	169	,	324	247	38	30	139	140
	March	16		190		197		48		138	
	April	4		215		197		39		141	
	May	2		164		165		62		160	
	June July	14		129 173		93 86		29 26		178 188	
	August			241		179		29		179	
	September	20		304		140		58		194	
	October	105		183		421		37		189	
	November	43		67		281		38		162	
	December	18		193		245		40		194	
	Total	257		2,206		2,455		485		1,995	

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of mentaly shipments of other prepared stock finds by principal commodities, provincial destination and export 1959 - 1960 shown in tons.

Ontai	rio	Mani	toba	Saskat	chewan	Albe	rta	Brit Colu		Ежр	ort	TO	TAL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
524	555	117	95	106	118	234	233	29	23			1,295	1,282
425 499 383 325		103 85 72 42		134 63 90 13		216 192 112 101		16 8 12 13				1,171 1,120 939 683	
286 402 334		38 26 44		47 5 23		83 135 98		17 7 11				608 738 659	
309 440 537		44 54 98		56 53 115		148 172 213		19 26 23				788 1,064 1,255	
613 5,077		100 823		80 785		250 1,954		23 192				1,341	
371 158	194	25 109	113	5 11	2	18 17	20	69 25	60		11	594 396	492
163 204 193		137 112* 108		3 34 3		17 18 16		58 60 50				447 565 463	
277 448 433		188 115 121		13 21 21		41 87 7		75 87 158		3 23		817 1,027 1,080	
362 532 353		144 237 123		19 24 16		86 94 40		115 82 82		1		1,106 1,377 848	
256 3,850		139 1,558		<u>5</u> 175		<u>18</u> 459		938		- 27		589 9,309	
640 619	596	13	7	4 24	1	9	3	254 258	301	81 91	33	4,127 3,772	3,081
778 596 635		7 11 16		7 4 133		33 28 14		312 399 388		52 71 98		4,022 3,816 4,008	
710 818 727		17 8 13		21 6 8		15 11 5		405 426 302		136 139 33		4,213 4,161 4,054	
762 753 767		13 3 11		1 16 3		6 1 18		342 345 321		62 67		4,404	
682 8,487		10 131		231				268 4,020		62 55 947		4,416 3,547 49,316	
785	600	111	49			23	39	109	170	4		1 530	1,344
634 688		164 177		4 3		11 13		97 1 40	2,0	3		1,530 1,594 1,613	1,5
835 832 614		88 70 137		1 4 9		14 95 134		111 194 162		14		1,659 1,749 1,499	
375 570 566		88 193 203		2 5 6		18 32 18		151 196 173		3 1 2		1,115 1,625 1,684	
365 317		103 131 170		32		34 18 13		218 182 273		3 2 3		1,858	
672 7,753		1,635		<u>2</u> 68		423		2,006		39		1,823 19,322	

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons. (Concluded)

	Newfou	ndland	Prince Edward		Nova Scotia		New Brunswick		Quebec	
	1959	1960	1959	1960	1959	1960	1959	1960	1959	196
ED, GROUND OR CRUSHED FEEDS										
January	212	180	551	688	3,766	2,948	1,321	1,638	5,753	3,79
February	245		392		3,211		1,372		4,608	
March	104		540		3,179		1,336		6,768	
April	104		515		2,779		1,372		5,508	
May	191		450		2,740		1,372		5,274	
June	83		432		1,861		932		5,389	
July	76		457		1,994		1,335		5,320	
August	212		475		2,423		1,224		5,476	
September	328		475		2,383		1,238		4,932	
October	130		490		2,959		1,249		7,358	
November	180		839		3,244		1,721		6,127	
December	191		396		3,694		1,606		6,145	
December			6,012		34,233		16,078		69,658	

FACTORS USED IN DETERMINING QUANTITIES OF CONCENTRATES MOVING INTO SECONDARY INDUSTRY

						Shipped	to or so	old in				
		Newfound- land	Prince Edward Island	Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Export
Prima	ary or Concentrated Feeds											
1. (Calf Concentrates	0	.914	.769	.538	.849	.868	.809	.750	.707	.666	0
2. I	Dairy and Cattle Concentrates	1.000	.592	.648	.460	.764	.415	.268	.215	.296	.041	.190
3. 8	Swine Concentrates	.647	. 598	. 536	.546	.821	. 480	. 233	. 250	.270	.280	.700
4. <u>I</u>	Poultry Concentrates											
(a)	Chick Starter Concentrates.	0	1.000	.750	.670	.919	.904	.725	.868	.969	1.000	1.000
(b)	Broiler Concentrates	0	.607	.877	.019	.999	.968	.485	0	.861	1.000	,500
(c)	Growing, Laying and Hatching Concentrates	.143	.714	.718	.558	.841	.617	.217	.100	. 203	.121	. 522
(d)	Fattening & Finishing Concentrates	0	.882	. 231	.412	.923	.673	.129	0	.338	.666	0
(e)	Turkey Concentrates	0	1.000	.962	. 395	.965	.887	. 295	.342	.278	.361	0
(f)	Other Poultry Concentrates.	0	. 246	.116	. 596	,258	.429	.019	0	1.000	0	. 333

In converting concentrates to finished feeds, the Bureau uses the above factors to establish the amounts of concentrates which moved into the secondary manufacturing industry, as such. These factors were established from the returns of all firms in the survey and reflect the weighted average above, which we use for a current 12 months reports. If you agree that changes should be made in any of these factors, you should advise us at once whether or not you think the factor is low or high.

From the above, you will notice that 86.8 per cent of the calf concentrates shipped in the province of Ontario in any month during 1959 moved into the hands of franchise operators and other manufacturers who make feeds from concentrates. The balance, or 13.2 per cent, moved out of the industry and was used by farmers and other similar consumers directly.

Factor No. 2, which will turn concentrates into finished feeds, is given on pages 4, 6 and 8 in brackets after the name of each commodity.

Fable 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1959 - 1960, shown in tons. (Concluded)

Onta	rio	Manit	oba	Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
3,852 3,568 2,710 2,866 3,200 4,003 5,119 4,637 4,180 4,442 4,086 5,213 47,876	3,985	770 392 623 594 576 184 407 522 572 922 896 572 7,030	475	299 389 479 403 742 180 799 1,433 720 256 342 702 6,744	108	551 536 504 1,105 727 540 626 1,152 1,008 1,368 1,264 1,084 10,465	824	14,407 12,852 14,180 15,797 14,627 14,767 16,333 16,204 15,851 15,174 17,453 17,143 183,788	17,082	1,818 1,451 1,404 1,912 2,426 2,531 1,138 1,613 1,372 2,765 2,714 101 21,245	7	33,300 29,016 31,827 32,955 32,325 30,902 33,604 35,371 33,059 37,113 38,866 36,847 405,185	31,733

HOW TO USE THE CONVERSION FACTORS

You will note on page 4 that the industry reported they had shipped in the province of Quebec for January, 1960 1,671 tons of Dairy and Cattle concentrates, of which 394 tons were used or sold directly for use to the farmer and other such consumers. In other words, 1,277 tons moved into the hands of secondary manufacturers for further use in manufacturing complete feeds. In order to obtain the finished feeds resulting from the conversion of 1,277 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

1,277 x 6.0 = 7,662 tons of Dairy and Cattle Feeds.

Now turn to page 10 and you will see that the shipments of Dairy and Cattle Feeds in the province of Quebec in the same month amounted to 9,978 tons. The summary would appear as follows:

Total shipments = 9,978 tons

Shipments by secondary manufacturers (1) = 7,662 tons

Shipments by manufacturers (2) = 2,316 tons

In order to assess the proportion of total feed shipments, which your firm enjoys, the following instructions are important. In terms of concentrates, the concentrate manufacturer would divide the total Dairy and Cattle feeds shipped in the province of Quebec (9,978 tons) by 6.0 and add 394 tons of concentrates moving out of the industry thus:

$$\frac{9,978}{6.0}$$
 = 1,663 + 394 = 2,057 tons

To the above he would relate his total shipments of Dairy and Cattle concentrates for the province of Quebec during the same period.

In terms of complete feeds, the complete feeds manufacturer (including franchise operators) would assess their share of the market by determining, in the following manner, the total supply of finished feeds:

Total commercial feeds shipped

9,978 tons (see page 10)

Estimated feeds produced from concentrates sold outside the industry from which would be

394 x 6.0 = 2,364 tons (see page 4)

Total supply of finished feeds used as finished feeds or in the form of concentrates

- (1) Includes franchise operators and those secondary manufacturers who use concentrates to manufacture complete feeds.
- (2) Includes manufacturors who produce finished feeds directly from raw materials.

LIST OF REPORTING FIRMS

PRINCE EDWARD ISLAND
Canada Packers Ltd.

Kinkora

NOVA SCOTIA

Canada Packers Ltd. Canada Packers Ltd. Port Williams

Truro

NEW BRUNSWICK

Canada Packers Ltd.

La Co-operative du Madawaska Ltée
Maritime Co-operative Services Ltd.

The Saint John Milling Co Ltd.

Woodstock
Edmundston
Moncton
Saint John

QUEBEC

The Agro Co of Canada Ltd.

Bell & Sons (Canada) Ltd.

Canada Packers Ltd.

E W Caron & Cie Ltée

Le Comptoir Avicole

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