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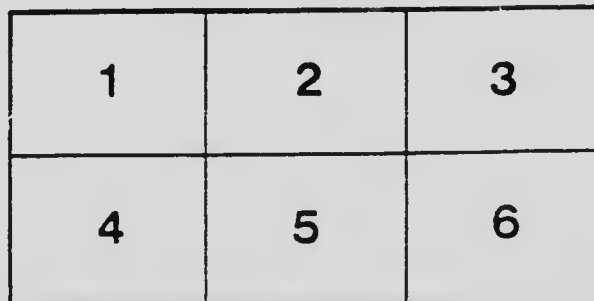
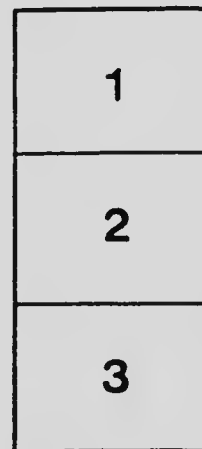
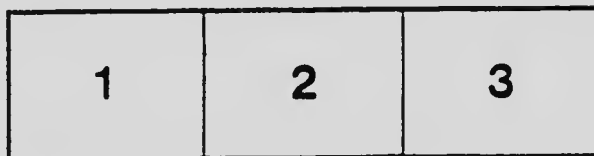
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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA.

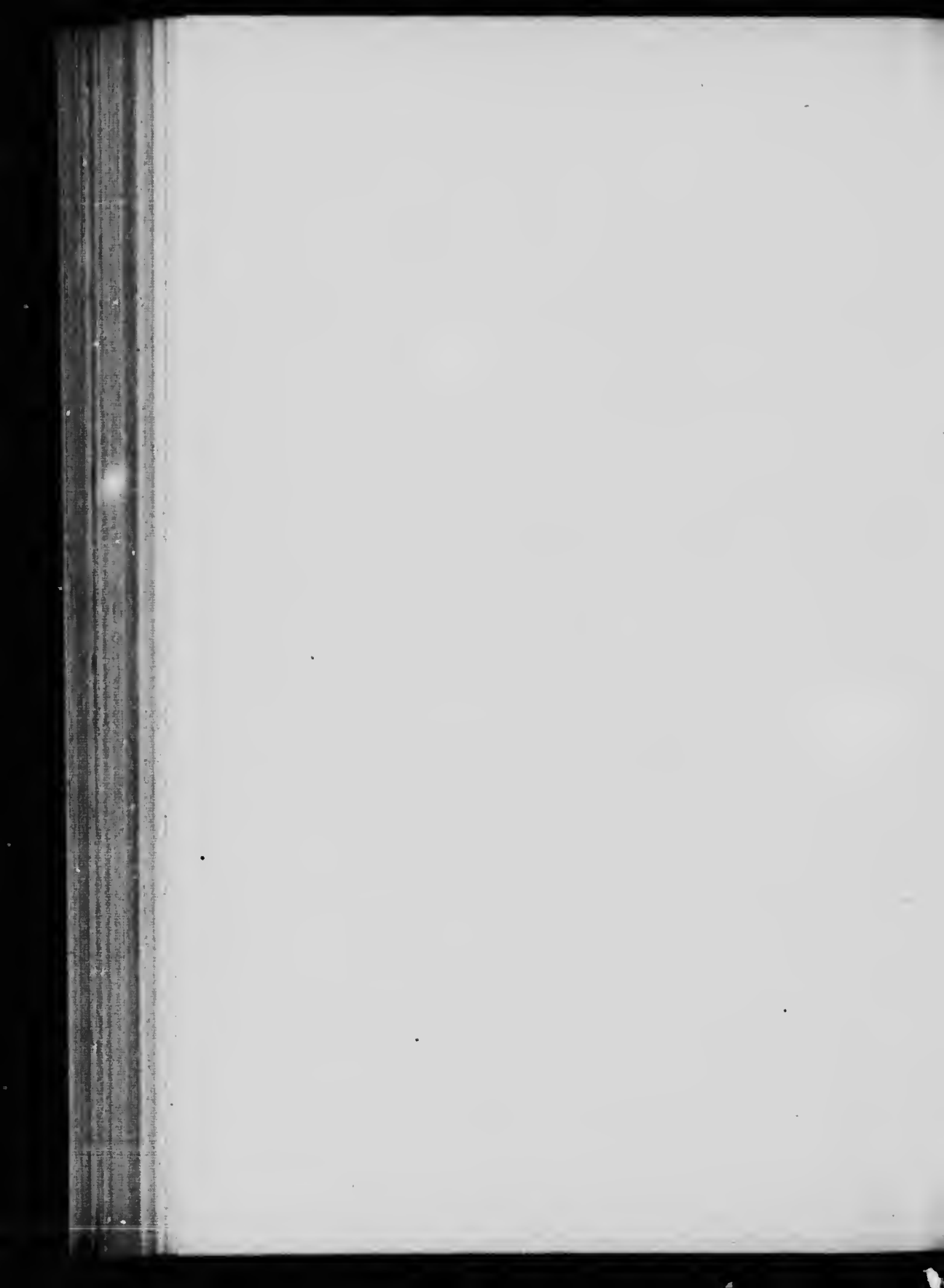
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BULLETIN No 387

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BEANS

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**LABORATORY**  
 OF THE  
**INLAND REVENUE DEPARTMENT**  
 OTTAWA, CANADA.

—  
**BULLETIN No 387**  
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**BEANS**

Ottawa, December 11th 1917.

J. U. VINCENT, Esq., K. C., B. A., L. Ph.,  
 Deputy Minister of Inland Revenue,

Sir,

I have the honour to present you with a report upon 318 samples of Beans, as found upon the Canadian retail market in August, September and October of this year.

Beans constitute a highly nutritious food for man, as well as for domestic animals. Konig (*Zusammensetzung, etc. Vierte Auflage, Band 1, S. 1484*) quotes the following percentage value :

	Water	Protein	Fat	Carbohydrates		Ash
				Starch	Fibre	
1. Phaseolus vulgaris . .	18.20	18.44	0.78	45.32	1.29	3.29
2. " lunatus . .	10.31	19.56	2.48	46.46	4.93	4.07
3. Soya beans (mean) .	14.38	31.43	18.20	15.00	6.48	3.98

It will be noted that the proteid matter of the bean is very high, and this is particularly true of the Soya (Soja) bean, which is also specially rich in fact.

The experiments of Thomas (Lusk, *Fundamental Basis of Nutrition*, p. 20) show that the protein of beans has a higher nutritive value than that of bread, and nearly twice as high a value as that of Indian Corn.

Using the prices which obtained in New York, in January 1913 it was found that each 1000 calories of energy furnished by dried beans, cost 4 cents, as against what flour, 2½ cents; wheat bread 5½ cents, Milk, 10 cents, mutton 16¼ cents sirloin beef 24 cents.

The bean is readily grown in most parts of the world. In tropical climates it develops a glucoside (Phaseolunatin) which yields hydrocyanic (prussic) acid on hydrolysis, the amount of this acid frequently reaching dangerous quantities, especially in beans grown in Java and Burma. Java beans, coming into France by way of Algeria, caused fatal illness; and in consequence of this a Decree was issued in 1912, forbidding the importation of Java beans, and also of other beans found to yield more than 20 parts per 100,000 of prussic acid. (equivalent to approximately 20 milligrammes in 3 ounces) The maximum dose permitted by the British Pharmacopoeia for prussic acid is 6 milligrammes; and it will be seen that three ounces of beans (not more than a hungry man might eat at one meal) containing as much as 20 milligrammes would certainly be fatal, unless the poison were got rid of before serving the food.

Fortunately, the nature of ripe beans is such that they cannot be prepared for the table without more or less prolonged soaking, followed by boiling. The prussic acid, being volatile, is thus got rid of in the steam, and residual amounts are usually so small as to be harmless. Nevertheless, cases have come to my notice to prove that serious illness may occasionally result from the use of these beans, although no fatalities are on record in Canada.

Numerous and large consignments of East India Beans have recently come to Canada; and this is particularly the case since the United States has forbidden the entrance of these beans found to contain "appreciable amounts of prussic acid" (Service and Regulatory Announcements, No. 219—published July 1917).

Up to the present time we have the following record of importations of Beans, since June of this year:

Via Port of		
Vancouver.....	446	(46 described as Soya Beans)
Victoria.....	8	
Winnipeg.....	3	
Saskatoon.....	2	
Ottawa.....	3	
Halifax.....	0	
Belleville.....	1	
Quebec.....	4	
Moose Jav.....	1	
Toronto.....	24	
Hamilton.....	2	
St. John N. B.....	4	
Sudbury.....	1	
Montreal.....	18	
Port Arthur.....	2	
North Bay.....	1	
Calgary.....	1	
London.....	2	
Total Importations..	532	



The above list includes beans of many different varieties. All have been examined as to their prussic acid content and the following synoptically shows the result.

Containing no prussic acid.....	280 samples
“ from traces to 10 parts per 100,000.....	49 “
“ “ 10 to 15 parts per 100,000.....	121 “
“ “ 15 to 20 “ “ .....	63 “
“ more than 20 “ “ .....	19 “
	<hr/>
Total.....	532

Pending investigation as to the character of the importations into Canada, I advised this Department to adopt the limit set by the French Decree of 1912, and to forbid delivery of any beans found to yield more than 20 parts of prussic acid per 100,000. This recommendation has been acted upon, and as above stated, no fatalities have been reported from the use of these beans.

Several cases of more or less serious illness have however come to the notice of the Department ; and it has become a matter of grave importance to decide whether or not the above limit is sufficiently conservative.

Investigation proves that proper soaking and subsequent boiling of the beans, rejecting in the first place the water in which these were originally soaked, is sufficient to render the beans safe as food. Any failure to observe the precautions named, may result in more or less dangerous consequences. It is during the soaking process that the poison is developed, and sufficient time must be allowed for this operation. It is best to let the soaking proceed over night. By pouring off this water, most of the prussic acid is got rid of, and the subsequent boiling with fresh water, makes the beans quite safe in use, when the total content in prussic acid does not exceed 20 parts per 100,000.

Cases of illness, so far as these have been fully investigated, appear to show that the beans have not been prepared for the table as above described; and in consequence the poison has not been boiled off. Whether due to ignorance or carelessness, the danger is sufficiently real and acute; and it is open to question whether we are justified, even in the present food stringency, in in taking such risk as is involved in permitting beans, carrying 20 parts prussic acid per 100,000, to be distributed. As already stated, this limit has been accepted by France since 1912; and I have not heard of any fatalities attending the use of beans, in that country, since the date named. I understand however, that a much lower limit of tolerance is fixed by the United States, and this probably accounts for the very large shipments of these beans to Canada in recent months.

The special object had in view in the collection now reported, was to discover to what extent beans containing prussic acid were distributed in Canada, and the results may be summarized as follows:

Samples yielding no prussic acid.....	173
"    "    less than 10 parts.....	61
"    "    10 to 15 parts.....	40
"    "    15 to 20 ".....	39
"    "    above 20 parts.....	5

Total..... 318

As already stated, this Department has refused admittance, at all Canadian ports, to beans yielding more than 20 parts prussic acid per 100,000 parts, since June last. It may be that the 5 samples found upon our retail markets, and showing more than 20 parts per 100,000 represent importations delivered before June 1917.

The distribution of these cyanogenetic beans is apparent from the following table of localities in which collections was made:

Inspectoral District	Total samples	Free from prussic acid	Containing prussic acid
Nova Scotia.....	15	14	1
New Brunswick.....	15	11	4
Quebec (city).....	35	29	6
"    (province).....	27	21	6
Three Rivers.....	10	7	3
Eastern Townships.....	5	5	0
Montreal.....	15	13	2
Valleyfield.....	15	14	1
Ottawa.....	14	3	11
Kingston.....	13	11	2
Toronto.....	15	6	9
Hamilton.....	14	7	7
Windsor.....	10	7	3
North Ontario.....	13	7	6
Manitoba.....	15	0	15
Saskatchewan S.....	15	0	15
Saskatchewan N.....	13	0	13
Alberta.....	15	0	15
Rocky Mountains.....	14	12	2
Vancouver.....	15	2	13
Victoria.....	15	1	14
Total.....	318	173	145

It is apparent from this statement that these beans are mainly entered at the West seaboard of Canada, and are finding their way eastwards; already practically monopolizing the market as far east as Manitoba

It is very important, from another point of view than that of safety in use, that these Eastern beans should be sold under a name which clearly distinguishes between them and beans which are the product of a temperate

climate. Their nature is such that when planted in our climate, they do not mature; and it would be quite possible for a farmer to lose the whole season's crop, if, by mistake, he sowed Oriental instead of native beans. I find that the great majority of sales made to our inspectors are simply described as "beans"; 17 sales of these beans were made as "white beans" and 3 as "navy beans". In a few cases only were they sold as "Burma" or "Rangoon" beans; though more frequently as "Japanese" beans. They are not actually the product of Japan, but are usually shipped by way of that country.

It may be necessary to insist upon all beans being offered under a name that shall inform the purchaser regarding the nature of the article; or at least to require that Oriental beans shall not be sold except under a name that shall make it impossible for the purchaser to mistake them for the native variety.

I beg to recommend publication of this report as Bulletin No. 387.

I have the honour to be Sir,

Your obedient servant,

A. MCGILL,

*Chief Analyst.*

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost.		Name and address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer	Furnisher

## DISTRICT OF NOVA SCOTIA :—

1917							
Oct.	11	Beans	76701 Wm. Moore, Halifax.....	2 lbs.	30	Unknown.....	R. B. Seeton & Co., Halifax.
"	11	"	76702 Corkum & Ritcey, Halifax..	"	30	"	Unknown.
"	12	"	76703 Cahill & Co., Halifax.....	"	30	"	R. B. Seeton & Co., Halifax
"	16	"	76704 Bauld Bros. Ltd. Halifax.....	"	30	"	Unknown....
"	16	"	76705 R. B. Seeton & Co., Halifax.	"	30	"	"
"	17	"	76706 T. J. Brown, Halifax.....	"	34	"	John Tobin & Co., Halifax.
"	17	"	76707 Wentzels Ltd., Halifax.....	"	32	"	Unknown....
"	30	"	76708 R. M. McDonald, Halifax....	"	35	"	R. B. Seeton & Co., Halifax.
"	30	"	76709 T. F. Courtney & Co., Halifax.	"	35	"	Bauld Bros., Ltd. Halifax.
"	30	"	76710 J. D Stewart, Halifax.....	"	30	"	"
"	31	"	76711 J. L. Wilson & Co. Halifax	"	32	"	Unknown
"	31	"	76712 Payzant & King, Halifax.....	"	40	I. H. Shaffner.. South Farmington, N. S.	Mfrs.
"	31	"	76713 Jas. A. Leaman & Co., Halifax.	"	40	Unknown.....	John Tobin & Co., Halifax.
Nov.	1	"	76714 S. Thomson, Dartmouth, N.S.	"	35	"	R. B. Seeton & Co., Halifax
"	1	"	76715 B. O. Bishop, Dartmouth N.S.	"	34	"	Unknown....

## DISTRICT OF NEW BRUNSWICK :—

Sept.	11	Beans white	78131 Walter Gilbert, St. John, N. B.	1 1/2 lb	30	.....	James T. Logan, Broker, St. John.
"	11	"	78132 Coughlins Cash Grocery, St. John, N. B.	"	30	.....	Jones & Schofield, St. John
"	11	"	78133 J. P. Barrett, St. John, N. B.	"	30	.....	W. F. Hatheyway Co. Ltd St. John.
"	17	" Yellow	78134 Vanwart Bros, St. John N.B.	"	30	.....	Northrup & Co., St. John
"	17	" White	78135 Byron Bros., St. John N.B.	"	30	.....	W. F. Hatheyway Co. Ltd St. John.
"	17	" "	78136 Kirkpatrick & Cowan, St. John, N. B.	"	30	.....	Jones & Schofield, St. John
"	18	" "	78137 B. T. Hamilton & Co., St. John, N. B.	"	30	.....	W. F. Hatheyway Co. Ltd St. John.
"	19	" Yellow	78138 E. W. Rowley, St. John, N.B.	"	30	.....	Geo. E. Barbour Co., Ltd St. John.
Oct.	18	" "	78139 Brown's Grocery, St. John, N. B.	"	35	.....	"
Nov.	6	" White	78140 W. A. Estabrook, Fredericton.	"	30	.....	A. F. Randolph Son, Fredericton.
"	7	" "	78141 H. M. DeWitt, Woodstock, N. B.	"	34	.....	Geo. E. Barbour Co., Ltd St. John.
"	13	" Yellow	78142 Hugh B. Pike, St. Stephen, N. B.	"	35	.....	Geo. E. Barbour Co., Ltd St. Stephen.
"	13	" "	78143 J. W. Robinson, St. Stephen N. B.	"	30	.....	"
"	13	" "	78144 Hill Bros, St. Stephen, N. B.	"	30	.....	Jones & Schofield, St. John
"	13	" "	78145 Fred E. Rose, St. Stephen, N. B.	"	30	.....	Empire Flour Mills, St. Thomas Ont.

## BEANS

Inspector's Report (Is not an expression of opinion).	Hydrocyanic acid. Milligrams per 100 grams.	RESULTS OF ANALYSIS		No. of Sample.	Remarks and opinion of the Chief Analyst
		Description of beans			

## R. J. WAUGH, INSPECTOR.

Seeton Hall- own.	Yellow Eye.....	None	Yellow Eye.....	76701	
	"	"	"	76702	
Seeton Hallfax own....	Prime.....	"	Common Small White.....	76703	
	Yellow Eye.....	"	Yellow Eye.....	76704	
	"	"	"	76705	
Tobin & Hallfax. own....	White.....	"	Common small white.....	76706	
	Yellow Eye.....	"	Yellow Eye.....	76707	
Seeton Hall- own....	Canadian White...	"	Common small white.....	76708	
Brook Hallfax.	White.....	"	"	76709	
	"	"	"	76710	
own	"	"	"	76711	
	Yellow Eye.....	"	Yellow Eye.....	76712	
Tobin & Hallfax. Seeton Hallfax own....	White.....	"	Common small white.....	76713	
	"	20.5	Burma.....	76714	Excess prussic acid.
	"	None	Common small white.....	76715	

## JOHN C. FERGUSON, INSPECTOR.

		16.3	Burma. Cream color.....	78131	
		None	Common small white.....	78132	
		"	"	78133	
		"	Large with yellow eyes.....	78134	
		"	Common small white.....	78135	
		"	"	78136	
		"	"	78137	
		"	Yellow Eye.....	78138	
		"	"	78139	
		"	Common White.....	78140	
		"	"	78141	
		"	Yellow-Eye.....	78142	
		"	"	78143	
		"	"	78144	
		"	"	78145	

Date of Collection	Nature of Sample	Number of Sample	Name and address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer	Furnisher
DISTRICT OF QUEBEC CITY :—							
1917 August	24	Beans	71295 A. L. F. Lamontagne, 376, rue Richardson, Québec.	1½ lb	23	Unknown	J. B. Renaud
"	24	"	71296 Bilodeau & Fils, 38, rue St-Joseph, Québec.	"	21	"	Joseph & Co.
"	24	"	71297	"	21	"	Unknown....
"	25	"	71298 Arthur Drolet, 714, rue St-Valier, Québec.	"	25	"	Turcotte & Frère.
"	25	"	71299	"	25	"	Unknown....
"	25	"	71300	"	25	"	"
"	25	"	70701	"	25	"	Aboosami Kouri, Montreal.
"	25	"	70702	"	25	"	"
"	28	"	70703 J. Art. Bédard, 728, rue St-Valier, Québec	"	30	"	Unknown....
"	28	"	70704 J. J. Pépin, 182, rue Massue, Québec.	"	23	"	"
"	29	"	70705 O. Bacon, 28, rue Hermine, Québec.	"	30	"	"
"	29	"	70706	"	30	"	"
"	29	"	70707 J. Moreau, 35, rue Victoria, Québec.	"	36	"	J. B. Renaud & Cie.
"	29	"	70708 J. Vézina, 914, rue St-Valier, Québec.	"	23	"	Joseph & Cie.
"	29	"	70709 I. A. Talbot, 123, rue Carillon Québec.	"	27	"	Parent, Cultivateur, Charlebourg, G. Gagné....
Oct.	11	White Beans	70734 J. P. Guy, 152, rue St-Paul, Québec.	3-4lb	12	"	"
"	11	Brown bean	70735	"	12	"	Laporte & Martin.
"	11	Beans Yellow.	70736	"	12	"	Leonard, Ottawa.
"	11	Chili Beans	70737 Joseph & Co., 17, rue St-Paul Québec.	"	13	"	Edm. Bois....
"	11	"	70738 J. B. Renaud & Cie, Québec.	"	Nil	"	J. Ward Co., Montreal.
"	11	Japan beans	70739	"	"	"	"
"	12	Burltos Beans	70740 G. Tanguay & Fils, 48, rue St-Paul, Québec.	"	"	"	Alfred F. Tanguay
"	12	Japanese Beans.	70741	"	"	"	"
"	12	Browns Beans.	70742 D. E. Drolet & Fils, 50, rue Dalhousie, Québec.	"	"	"	Universal Importing Co., Montreal.
"	12	Red Beans	70743 F. Kirouack & Fils rue Dalhousie, Québec.	"	45	"	E. Turgeon, Montreal.
"	12	Japanese Beans.	70744 J. B. E. Letellier, 92, rue Dalhousie, Québec.	"	Nil	"	J. Ward Co., Montreal.
"	16	Peru Beans	70745 J. J. Turcotte & Cie, 54, rue Dalhousie, Québec.	"	15	"	Edm. V. Bois
"	16	French Beans.	70746 O. Lacroix, 19, rue St-Paul, Québec.	"	23	"	Unknown....
"	16	Beans	70747 Altner, 78, rue St-Dominique Québec.	"	15	"	"
"	16	"	70748	"	12	"	"
"	17	Brown Beans.	70749 Dorfman, 79, rue St-Dominique, Québec.	"	15	"	Pastine & Cie
"	17	Italian Beans	70750	"	15	"	"
"	17	"	70751	"	15	"	"
"	17	"	70752	"	15	"	"
"	17	Kohl Beans.	70753 Elzéar Turcotte, 74, rue Desfossés, Québec.	"	15	"	J. B. Renaud & Cie.

BEANS.

Inspector's Report (Is not an expression of opinion.)	Hydrocyanic acid. Milligrams per 100 grams.	RESULTS OF ANALYSIS		No. of Sample	Remarks and opinion of the Chief Analyst
			Description of beans.		

F. X. W. E. BELAND, INSPECTOR.

Renaud	None	Common small white	71295	
ph & Co.	"	Kidney shape, Buff colour, with black eye	71296	
nown...	"	Mottled Red, (Butter bean) 1/2" long	71297	
orte & re.	"	Mottled Red, (Butter bean) 1/2" long	71298	
nown...	"	Mottled Brown -(Butter bean) 1/2" long	71299	
"	"	Common small white	71300	
"	"	Same as 71296	70701	
eami	6.0	Broad, Average size 1p" x 7-8"	70702	
uri, Mon		Colour white to greenish yellow, Similar to Burma		
al.	None	Same as 71297	70703	
nown...	"	Same as 71297	70704	
"	"	Same as 71299	70705	
"	"	Common small white	70706	
Renaud	"	Large white 1/2" long Smooth	70707	
Cie.	"	" " " "	70708	
ph & Cie.	"	Same as 7129	70709	
nt, Cultu-	16.7		70734	
ur, Char-	None		70735	
burg,	"		70736	
agné....	"		70737	
orte &	15.9		70738	
artin.	9.3		70739	
ard, Ot-	None		70740	
va	8.1		70741	
i, Bois...	None		70742	
ard Co.,	"		70743	
ontreal.	14.6		70744	
	None		70745	
ed F.	"		70746	
nguay	"		70747	
"	"		70748	
versal Im-	"		70749	
rtling Co.,	"		70750	
ontreal.	"		70751	
Turgeon,	"		70752	
ontreal.	"		70753	
ard Co.,	"			
ontreal.	"			
n, V. Bois	"			
nown....	"			
"	"			
"	"			
lne & Cie	"			
"	"			
"	"			
"	"			
3, Renaud	"			
Cie.	"			

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer	Furnisher

## DISTRICT OF QUEBEC PROVINCE, O. BROCHU.

1917							
Aug.	27	Brown Beans	6461	J. E. Beaudoin, St-Raphael...	1½lb	23	N. Turcotte.
"	27	White Beans	6462	" "	"	23	"
"	27	" "	6463	" "	"	23	F. Kirouac & Fils.
"	27	Beans	6466	Engène Bolduc, St-Valier...	"	24	Turcotte & Frères.
"	27	"	6467	J. A. Lemieux, St-Michel...	"	23	"
"	28	"	6470	Geo. Roy, St-Michel...	"	24	Turcotte & Frères.
"	30	"	6482	Jos. Langhals, Armagh...	"	23	Quebec Preserving.
"	30	Yellow Beans	6486	Mde A. Duchesneau, Armagh	"	27	N. Turcotte.
"	30	White Beans	6487	" "	"	27	"
"	30	Yellow "	6494	Onésime Noel, Armagh...	"	27	A. Carrier, Lévis.
"	30	Brown Beans	6495	" "	"	27	"
"	22	Beans	5659	Charlemagne Huot, St-Jérôme.	"	30	Hudon Orsail
Sep <sup>r</sup>	10	"	5674	A. Lavigne, Ste Scholastique	"	30	"
Aug.	20	Canadian Beans	7381	J. E. Gagnon, Montmagny.	"	30	J. B. Renaud Québec.
"	20	Italian Beans	7382	" "	"	27	Turcotte & Frère.
"	20	Brown Beans	7383	" "	"	30	J. B. Renaud Québec.
"	20	White Beans	7388	F. A. Fournier, Montmagny	"	27	Roux & Pettigrew.
"	25	"	7803	J. B. Poirier, St. Thomas P.Q.	"	27	"
"	28	Brown "	7810	P. Morin, Cap St-Ignace...	"	27	"
"	30	"	7820	J. A. Corriveau, Montmagny	"	30	Turcotte & Frères.
"	30	White Beans	7824	Ad. Caron, Montmagny...	"	27	P. J. Bussière Québec.
"	20	Beans	7723	Jos. Coté, Tros-Pistoles...	3 pkgs	27	J. Ward, Montréal.
"	22	"	7730	Ed. Boudreau, Causapcal.	1½lb	27	Turcotte & frères, Québec.
"	22	Japanese Beans	7737	Léon Caron, Amqui...	"	27	"
"	24	Beans	7751	J. Desrosiers, Rimouski...	"	18	"
"	24	"	7752	" "	"	27	Talbot Ltd. Rimouski.
"	28	"	7759	Gagné & Belzile, St-Fabien	"	27	"

## DISTRICT OF THREE RIVERS :-

Aug.	18	Beans	7502	G. H. Read, St. Félix de Valois.	1½lb	30	A. Charbonneau, St Félix de Valois
"	21	"	7507	J. E. Boulard, St. Jacques L'Achigan.	"	26	Hudon Orsail Montreal.
"	21	"	7511	Alexis Melançon, St. Jacques L'Achigan.	"	25	L. Z. Magnan Joliette.
"	22	"	7518	L. Brault, St. Jacques l'Achigan.	"	27	"
"	24	"	7526	Joseph Lebean, Ste Julienne	"	26	Jos. Dufresne Joliette
"	24	"	7533	Ignace Dupuis, Chertsey...	"	27	Chevaller & frères, Joliette.



BEANS

D. 387-

Supplier  
Vendor  
Furnisher

Inspector's Report (is not an expression of opinion).	Hydrocyanic acid, Milligrams per 100 grams.	RESULTS OF ANALYSIS		No. of sample.	Remarks and opinion of the Chief Analyst
		Description of beans			

N. CADIEUX, T. GENDREAU, J. H. RIOUX, TEMPORARY INSPECTOR.

Curcotte.	None		0461	
"	"		6462	
"	"		6463	
Arrouae & Curcotte & Co. Pres.	"		6466	
"	"		6467	
"	"		6470	
Curcotte & Frères.	"		6482	
McCree Pre-paring.	"		6486	
Curcotte.	"		6487	
"	"		6494	
Carrier, Paris.	"		6495	
"	"		5659	
London Orsall	"		5674	
"	4.6		738	
Renaud & Hébec.	None		7382	
Curcotte & Frères.	"		7383	
Renaud & Hébec.	"		7388	
Curcotte & Hébec.	"		7803	
Curcotte & Hébec.	"		7810	
"	"		7820	
Curcotte & Frères.	14.6		7824	
Bussière & Hébec.	11.9		7723	
Ward, Montréal.	None		7730	
Curcotte & Frères, Québec.	None		7737	
"	14.3		7751	Excess prussic acid.
"	22.1		77	
Foot Ltd. & Mouski.	6.4		7	
"	None		7	

DR. V. P. LAVALLEE, INSPECTOR.

Charbonneau, St-Félicien, Valois	None		7502	
London Orsall	13.0		7507	
Montréal.	None		7511	
Magnan & Joliette.	"		7518	
"	7.8		7526	
Dufresne & Joliette	6.3		7533	
Waller & Frères, Joliette.				

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost.		Name and address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer	Furnisher

## DISTRICT OF THREE RIVERS—

1917 Aug.	27	Beans.....	7535	Léon Bruneau, St. Félix de Valois.	1½lb	23	.....	Gunn Langlais, Montreal.
"	28	"	7530	W. Brissette, St-Félix de Valois.	"	23	.....	"
"	29	"	7541	Félix Champagne, St-Félix de Valois.	"	27	.....	L. Z. Magnan Joliette.
Sept.	3	"	7557	Alexis Dufresne, Joliette.....	"	27	.....	"

## DISTRICT OF EASTERN TOWNSHIP —

Aug.	28	Beans.....	7655	Dame J. B. Desselles, Drummondville.	1½lb	25	Unknown.....	.....
"	28	"	7656	F. X Beuregard, Drummondville.	"	25	.....	W Trudel, St-Hyacinthe
"	29	"	7658	Map. Landry, Drummondville.	"	25	Unknown.....	.....
"	29	"	7659	D. A. Cormier, Drummondville.	"	30	.....	Laporte & Martin, Montréal.
"	29	"	7660	M. A. Biron, Drummondville	"	30	Unknown.....	.....

## DISTRICT OF MONTREAL —

Aug.	21	Beans.....	78926	N. Daouts, 481 Notre-Dame St., W. Montreal.	1½lb	27	.....	.....
"	21	"	78927	E. W. Caron, 145 Commission St., Montreal.	"	23	.....	.....
"	21	"	78928	.....	"	22	.....	.....
"	21	"	78929	N. Lafortune, Bonsecours Market, Montreal.	"	25	.....	Gunn, Langlais, Co. St. Arnaudet, Fils & Cie
"	21	"	78930	W. Ethier, Bonsecours Market, Montreal.	"	26	.....	.....
"	21	"	78931	.....	"	26	.....	.....
"	22	"	78932	S. Cavey, Villeneuve St., W. Montreal.	"	27	.....	.....
"	22	"	78933	M. Fox, 150 Laurier Avenue, Montreal.	"	30	.....	.....
"	22	"	78934	C. E. Ollivier, 1798 St. Lawrence Boul., Montreal.	"	27	.....	.....
"	22	"	78935	J. Schaftram, 928 St. Lawrence Boul., Montreal.	"	24	.....	.....
"	22	"	78946	Beauvais Lalonde & Cie., St James St., W., Montreal.	"	30	.....	.....
"	22	"	78947	D. Demetelin, 144 St. Antol-St., Montreal.	"	25	.....	Hudon Orsall & Co
"	22	"	78948	Gaspard Thouin, Market, Lachine, P. Q.	"	27	.....	Hudon Herbert Cie.
"	22	"	78949	E. Mireault, 33, 18th Avenue Lachine, P. Q.	"	27	.....	.....
"	22	"	78950	J. Duncan, St. Joseph St., Lachine, P. Q.	"	27	.....	.....

## DISTRICT OF VALLEYFIELD —

Sept.	5	Beans.....	78811	A. Massey, St. Johns P. Q.	1½lb	25	.....	.....
"	5	"	78812	A. Moreau, St. Johns. P. Q.	"	23	.....	.....
"	5	"	78813	A. E. Goyette, St. Johns P.Q.	"	24	.....	.....
"	5	"	78814	W. R. Simpson, St. Johns, P. Q.	"	30	.....	.....
"	6	"	78815	J. Bourgeault, 650 Notre-Dame St., St Lambert.	"	26	.....	.....
"	6	"	78816	D. Bishop, 444 Victoria, St. St. Lambert.	"	23	.....	.....

EANS

Inspector's Report (is not an expression of opinion.)	RESULTS OF ANALYSIS		No of Sample.	Remarks and opinion of the Chief Analyst
	Hydro- cyanic acid. Mi- lligrams per 100 grams.	Description of beans.		

Concluded.

.....	None	.....	7535	.....
.....	"	.....	7539	.....
.....	"	.....	7541	.....
.....	"	.....	7557	.....

E. BLONDIN, TEMPORARY INSPECTOR.

.....	None	.....	7655	.....
.....	"	.....	7656	.....
.....	"	.....	7658	.....
.....	"	.....	7659	.....
.....	"	.....	7660	.....

J. J. COSTIGAN, INSPECTOR.

.....	None	.....	78926	.....
Canadian.....	"	.....	78927	.....
Imported.....	"	.....	78928	.....
.....	19.2	.....	78929	.....
Imported.....	None	.....	78930	.....
Canadian.....	"	.....	78931	.....
.....	"	.....	78932	.....
Marrowfat.....	"	.....	78933	.....
.....	"	.....	78934	.....
.....	"	.....	78935	.....
.....	"	.....	78946	.....
.....	"	.....	78947	.....
.....	14.3	.....	78948	.....
.....	None	.....	78949	.....
.....	"	.....	78950	.....

J. J. COSTIGAN, ACTING INSPECTOR.

.....	None	.....	78811	.....
.....	"	.....	78812	.....
.....	"	.....	78813	.....
.....	"	.....	78814	.....
Imported.....	"	.....	78815	.....
.....	"	.....	78816	.....

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer.	Furnisher

## DISTRICT OF VALLEYFIELD—

1017							
Sept.	7	Beans.....	78817	John Small, Huntingdon, P. Q.	1½lb.	30	
"	7	"	78818	E. C. McCoy, Huntingdon, P. Q.	"	23	
"	10	"	78819	L. Pouliot, Chambly Basin	"	24	
"	19	"	78820	A. Irien, Chambly Basin	"	30	
"	19	"	78821	A. Ostigny, Richelleu, P. Q.	"	23	
"	26	"	78822	Albert Smith, Greenfield Park	"	27	
"	28	"	78823	J. E. Leduc, Alexandria	"	23	
"	28	"	78824	J. Sabourin, Alexandria	"	27	
"	28	"	78825	A. Markson, Alexandria	"	15	

## DISTRICT OF OTTAWA :—

Aug.	17	Beans.....	77575	E. Ackland, Creighton St., Ottawa.	1½lb	23	H. N. Bate & Sons Ottawa
"	17	"	77580	Mrs. F. M. Crewe, 376 Mc Kay St., Ottawa.	"	30	F. J. Castle Co.
"	20	"	77583	A. A. Ardley, 427 Bank St., Ottawa.	"	23	
"	21	"	77585	Potter Bros., Somerset & Bronson, Ottawa.	"	30	Unknown.
"	21	"	77586	Fraser & Shaver, Bronson & James Sts., Ottawa.	1 ¼lb.	20	"
"	25	"	77590	A. V. McLean, Perth Ont.	1½lb	15	Bruce, Hamilton.
"	25	"	77594	N. E. Dodds, Perth, Ont.	"	18	
"	27	"	77595	J. Bambrick, Byward Market Ottawa.	"	30	Unknown.
"	27	"	77597	Wall & Co., Byward Market Ottawa.	"	23	
"	27	"	77599	Peter Devine Byward Market, Ottawa.	"	23	Moynour, Ottawa.
"	27	"	77600	P. J. Clavey, Byward Market Ottawa.	"	26	Matthews & Blackwell, Ottawa.
"	28	"	80401	D. G. Gowan, 1227 Bank St., Ottawa.	"	23	F. J. Castle Co., Ottawa.
"	28	"	80403	Stewart & Mulligan, Billings Bridge, Ottawa.	"	25	"
"	29	"	80406	G. A. Ellis, Renfrew.....	"	25	"

## DISTRICT OF KINGSTON :—

Aug.	20	Beans.....	79931	Chas Saunders, Kingston..	1½lb	20	A. Vanluven
"	20	"	79932	C. H. Plekering, Kingston..	"	23	W. G. Craig Co. Kingston
"	20	"	79933	Anderson Bros, Kingston..	"	20	Unknown.
"	21	"	79934	R. Elvins, Belleville.....	"	23	"
"	22	"	79935	M. C. Nicholls, Cobourg.....	"	25	"
"	22	"	79936	The Thompson MacDonald, Cobourg.	"	30	"
"	23	"	79937	A. M. Cowling, Peterboro..	"	25	Perkins Ince Peterboro.
"	23	"	79938	J. E. Lillico, Peterboro.....	"	23	Lumsden Bros Hamilton.

BEANS

Inspector's Report (Is not an expression of opinion).	Hydro- cyanic acid. Mi- lligrams per 100 grams.	RESULTS OF ANALYSIS		No. of Sample.	Remarks and opinion of the Chief Analyst
		Description of beans			
Concluded.					
	None			78817	
	"			78818	
	"			78819	
	"			78820	
	"			78821	
	"			78822	
	"			78823	
	20.4			78824	(Excess prussic acid.)
	None			78825	

J. A. RICKEY, INSPECTOR

Japanese	0.3			77575	
"	11.3			77580	
"	17.8			77583	
"	None			77585	
Chinese	15.1			77586	
Black Eye	None			77590	
"	13.8			77594	
Rangoon	8.9			77595	
"	None			77597	
Japanese	6.7			77599	
"	15.4			77600	
"	9.7			80401	
"	7.3			80403	
"	9.5			80406	

JAMES HOGAN, INSPECTOR

	None			79931	
	"			79932	
	"			79933	
	"			79934	
	"			79935	
	"			79936	
	8.9			79937	
	8.6			79938	

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer.	Furnisher

## DISTRICT OF KINGSTON—

1917							
Aug.	23	Beans.	79939	The Peterboro Cooperative, Peterboro	1½lb	23	W. J. Oke, Peterboro.
"	23	"	79940	Porter S. White, Peterboro.	"	33	Ranno, Toronto.
"	23	"	79941	R. H. Hunter, Peterboro...	"	30	C. Risher, Peterboro.
"	23	"	79942	W. H. Hamilton, Peterboro	"	30	Byers
"	23	"	79943	J. Curtis, Port Hope.....	"	30	H. Sculshorpe Port Hope.

## DISTRICT OF TORONTO —

Aug.	25	Beans.....	80828	C. W. Varco, 535 Parliament St., Toronto.	1½lb	23	Unknown....
"	25	"	80829	B. Cameron, 243 Greenwood Ave. Toronto.	"	30	"
"	25	"	80830	E. Sullivan, 1338 Gerrard St Toronto.	"	23	J. A. Simmers Ltd, Toronto.
"	27	"	80831	B. Heller, 341 Bathurst St., Toronto.	"	33	Diadem flour Co. Toronto
"	27	"	80832	W. J. Lovegrove, 176 Bellwood Ave., Toronto.	"	30	Mililand Bros Toronto.
"	25	"	80833	H. R. Crawford, 308 Saurau- ren Ave., Toronto.	"	30	Unknown....
"	25	"	80834	H. W. Nalt, 125 Saurau- ren Ave. Toronto.	"	27	"
"	28	"	80835	Island & Bamford, 262 Dun- das St., Toronto.	"	30	"
"	28	"	80836	F. Sanson, 514 Dundas St., Toronto.	"	30	Wm. Rennie Seed Co., Ltd Toronto.
"	28	"	80837	M. J. Jobin & Co 1867 Dun- das St., Toronto.	"	33	Wm. Rennie Seed Co., Ltd Toronto.
"	28	"	80838	E. J. Ritter, 420 St. Johns Road W., Toronto	"	33	Armstrong & Pafford.
"	28	"	80839	C. Agins, 2162 Dundas St., Toronto.	"	30	S. P. Wilson, Toronto.
"	29	"	80840	Bruce & Sanderson, 377 Par- ment St., Toronto.	"	27	White & Co., Toronto.
"	29	"	80841	I. Burns, 214 Wilton Avenue Toronto.	"	30	Unknown....
"	29	"	80842	W. J. Nichols, 258 Queen St. E., Toronto.	"	32	Jas. Lumbers & Co. Toronto.

## DISTRICT OF HAMILTON —

Sept.	4	Beans.....	80865	A. R. Finlayson, Lucknow...	1½lb	25	Unknown....
"	4	"	80866	A. B. Bissett, Kincardine....	"	15	"
"	4	"	80867	J. B. Russell, Kincardine...	"	24	Wm. Rennie Seed Co Ltd Toronto.
"	5	"	80868	Rapel Bros, Underwood....	"	19	Unknown....
"	5	"	80869	Henry Ebert, Port Elgin....	"	25	Galeib Krauth .....
"	6	"	80870	L. C. Spofford, Paisley....	"	38	Wm. Rennie Seed Co., Ltd Toronto.
"	7	"	80871	Hunstein & Wittork, Cargill	"	27	Unknown.
"	7	"	80873	J. Cunningham, Glanmis.....	"	30	W. T. Morris Co., Ltd C- wen Sound.

BEANS.

Inspector's Report (is not an expression of opinion).	Hydrocyanic acid. Milligrams per 100 grams.	RESULTS OF ANALYSIS		No. of Sample.	Remarks and opinion of the Chief Analyst
		Description of beans			
included.					
.....	None	.....	.....	79939	.....
.....	"	.....	.....	79940	.....
.....	"	.....	.....	79941	.....
.....	"	.....	.....	79942	.....
.....	"	.....	.....	79943	.....

H. J. DAGER, INSPECTOR.

.....	None	.....	.....	80828	.....
.....	None	.....	.....	80829	.....
.....	13.5	.....	.....	80830	.....
.....	3.2	.....	.....	80831	.....
.....	None	.....	.....	80832	.....
.....	17.1	.....	.....	80833	.....
.....	4.6	.....	.....	80834	.....
.....	None	.....	.....	80835	.....
.....	"	.....	.....	80836	.....
.....	11.3	.....	.....	80837	.....
.....	9.7	.....	.....	80838	.....
.....	None	.....	.....	80839	.....
.....	5.4	.....	.....	80840	.....
.....	16.5	.....	.....	80841	.....
.....	7.3	.....	.....	80842	.....

H. J. DAGER, ACTING INSPECTOR.

.....	20.8	.....	.....	80865	Excess prussic acid.)
.....	3.0	.....	.....	80866	.....
.....	None	.....	.....	80867	.....
.....	"	.....	.....	80868	.....
.....	"	.....	.....	80869	.....
.....	"	.....	.....	80870	.....
.....	5.6	.....	.....	80871	.....
.....	8.9	.....	.....	80873	.....

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cts.	Manufacturer.	Furnisher
<b>DISTRICT OF HAMILTON—</b>							
1917 Sept.	Beans.	80874	Smith & O'Connell, Walkerton.	1½lb.	30	.....	Wm. Rennie Seed Co., Ltd Toronto.
"	"	80875	W. G. Searle, Walkerton . . .	"	30	.....	Unknown..
"	"	80876	Jas. Foley, 21 King St., Catherine.	"	38	.....	"
"	"	80877	The Duff Stores Co., Ltd 216 York St., Hamilton.	"	35	.....	J. A. Simmers Ltd, Toronto
"	"	80878	G. Sharp, 475 King St. E. Hamilton.	"	23	.....	Balfour Smye & Co., Hamilton.
"	"	80879	E. B. Echlin, 188 Lock St. S. Hamilton.	"	23	.....	J. A. Bruce & Co., Ltd., Toronto.
<b>DISTRICT OF WINDSOR—</b>							
Sept.	Beans	65284	Wm. Potter, Chatham, Ont.	1½lb	27	.....	Jas. Soutar., Raleigh, McCorcle....
"	"	65294	A. T. Smith, Chatham, Ont.	"	25	.....	.....
"	"	65295	H. Bernstein, Windsor, Ont.	"	23	Unknown..	.....
"	"	65298	Cherney Grocer Co., Windsor, Ont.	"	38	"	.....
"	"	65305	J. W. McKenney, Windsor..	"	30	"	.....
"	"	65300	N. Vanidur, Leamington...	"	27	.....	Kent Mill & Flour Co., Chatham.
"	"	65318	D. L. Gibb, St. Mary's ...	"	27	Unknown..	.....
"	"	65322	W. R. Butcher, St. Mary's	"	30	"	.....
"	"	65323	G. D. Halgh, Seaforth .....	"	30	"	.....
"	"	65325	Sproat & Sproat, Seaforth....	"	27	"	.....
<b>DISTRICT OF NORTHERN ONTARIO—</b>							
"	Beans	78637	Frank Heasman, New Liskeard.	3-4lb	15	.....	Unknown....
"	"	78644	F. C. Preston, Co. Halleybury.	1½lb	30	.....	Kent Farmers Produce Co.
"	"	78647	A. J. Carson, Halleybury....	"	30	.....	A. J. Young Co., North Bay.
"	"	78649	A. E. Adshead, Halleybury...	"	27	.....	S. J. Major, Ottawa
"	"	78650	Geo. McNeil, Halleybury....	"	23	.....	T. Long Co., Collingwood
"	"	78652	Watson Co., New Liskeard.	"	23	.....	.....
"	"	78656	Grill Co., New Liskeard....	"	20	.....	A. J. Young Co., North Bay.
"	"	78657	Northland Stores, Cobalt..	"	23	.....	Gunn's Ltd, Toronto.
"	"	78662	Victor Roy, Earleton .....	"	20	.....	Unknown...
"	"	78665	R. P. Graham, Cobalt.....	"	23	.....	"
"	"	78668	J. K. Battah, Cobalt.....	"	38	.....	"
"	"	78671	C. H. Ham, Englehart .....	"	23	.....	"
"	"	78674	D. Korman, Englehart .....	"	22	.....	"



## BEANS.

Inspector's Report (Is not an expression of opinion).	Hydro- cyanic acid. MI ligrams per 100 grams	RESULTS OF ANALYSIS		No. of Sample.	Remarks and opinion of the Chief Analyst
		Description of beans			

## Concluded

None			80874	
"			80875	
3.8			80876	
3.8			80877	
12.7			80878	
None			80879	

## JOHN TALBOT, INSPECTOR.

None			65284	
"			65294	
18.1			65295	
None			65298	
"			65305	
"			65309	
11.6			65318	
14.9			65322	
None			65323	
"			65325	

## THOS. E. ARMSTRONG, INSPECTOR.

10.0			78637	
None			78644	
9.2			78647	
4.9			78649	
None			78650	
"			78652	
21.3			78656	Excess prussic acid
None			78657	
"			78662	
8.1			78665	
None			78668	
"			78671	
19.5			78674	

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cts.	Manufacturer.	Furnisher

## DISTRICT OF MANITOBA :-

1917 Aug.	29 White Beans	79565	E. E. Reisberry, Rapid City	3 pkgs	25		Campbell Bros & Wilson, Winnipeg.
Sept.	8 Brown "	79566	P. McKay & Son, Swan River	"	15	John Marrin Co., Winnipeg.	
"	8 White Beans	79567	E. Cow, Swan River	"	25		Codville Co., Winnipeg.
"	10 "	79568	F. E. Renouf, Bowsman	"	25		A. MacDonald, Winnipeg.
"	11 "	79569	V. Smith, The Pas	"	20		Campbell Bros & Wilson, Winnipeg.
"	11 "	79570	Mrs. A. Dempsey, The Pas	"	20		MacDonald & Chapman, Winnipeg.
"	11 "	79571	Burton & Salter, The Pas	"	20		Brandon Grocery, Brandon.
"	11 "	79572	Union Supply Co., The Pas	"	25		Weidman Bros, Winnipeg.
"	11 "	79573	J. C. Quigley, The Pas	"	25		Campbell Bros & Wilson, Winnipeg.
"	11 "	79574	Armstrong Trading Co., The Pas	"	20		Cameron & Heap, Dauphin.
"	11 "	79575	H. Nicholls, The Pas	"	25		Codville Co., Winnipeg.
"	11 "	79576	Louis Allard, The Pas	"	20		A. MacDonald Co., Winnipeg.
"	11 "	79577	T. Kowalewcks, The Pas	"	15		Unknown
"	24 Lima Beans	79578	J. J. Jackson, 252 Main St., Winnipeg.	"	30		"
"	24 White Beans	79579	R. F. Wood, 198 Smith St., Winnipeg.	"	30		A. MacDonald, Winnipeg.

## DISTRICT OF SOUTHERN SASKATCHEWAN :-

Aug.	28 Beans	76903	The Fort Trading Co., Fort Qu'Appelle	1 1/2 lb	25		Campbell & Wilson & Strathdee, Regina.
"	28 "	76905	James MacDonald, Fort Qu'Appelle	"	20		McLean Grocery Co., Regina.
"	28 "	76908	Hudson's Bay Co., Fort Qu'Appelle	"	15		Hudson's Bay Co., Winnipeg.
"	28 "	76912	Tipling & Beldin, Balcarres	"	15		Codville Co., Brandon.
"	28 "	76916	A. S. Drummond Co., Balcarres	"	20		"
"	29 "	76918	Hudson's Bay Co., Yorkton	"	30		Hudson's Bay Co., Winnipeg.
"	30 "	76927	M. Rotstein, Yorkton	"	25		Yorkton Grocery, Yorkton.
"	30 "	76931	Levi Beck, Yorkton	"	25		A. MacDonald Co., Yorkton.
Sept.	20 "	76933	Kent & Brown Co. Ltd., Moose Jaw	"	25		MacDonald, Crawford Co., Moose Jaw



Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of vendor.	Cots.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cts.	Manufacturer.	Furnisher.

## DISTRICT OF SOUTHERN SASKATCHEWAN—

1917							
Sept	21	Beans.....	76934 S. D. McMicken, Moose Jaw	1½ lb.	25		
"	21	"	76941 McBrides Ltd., Moose Jaw.	"	20		
"	21	"	76943 West End Grocery, Moose Jaw.	"	20		Codville Co., Moose Jaw.
"	21	"	76944 McLean Grocery, Moose Jaw	"	25		"
"	22	"	76945 C. Williams, Moose Jaw.....	"	15		A. MacDonald Co., Moose Jaw.
"	22	"	76948 Geo. A. Tapley, Moose Jaw.	"	20		McDonald, Crawford Co., Moose Jaw..

## DISTRICT OF NORTHERN SASKATCHEWAN:—

Aug.	30	Beans.....	78522 Thos. Homes, Prince Albert..	1 lb	10		Cameron & Heap, Prince Albert.
"	30	"	78525 D. Robnovich, Prince Albert	3-4 lb	10		" "
"	31	"	78528 Union Trading Co., Prince Albert.	"	15		" "
Sept.	1	"	78534 Prince Bros., Ltd, Battleford	"	10		A. M. McDo- nald Co., Battle- ford.
"	6	"	78536 F. R. McMillan, Saskatoon.	"	10		A. McDonald Co., Saska- toon.
"	6	"	78540 White Grocers Ltd., Saska- toon.	"	15		Campbell & Miller, Saska- toon.
"	8	"	78544 Hafford Trading Co., Hafford.	1 lb	15		A. McDonald Co., North- Battleford
"	12	"	78545 C. E. Boland, Denholm.....	3-4 lb	"		"
"	20	"	78550 Dion Bros. Cut Knife.....	"	10		Campbell, Wilson & Miller, Saska- toon.
"	20	"	78553 E. A. Dillman, Cut Knife....	"	10		Codville Co., Saskatoon.
"	21	"	78555 S. Raymond, Carruthers.....	"	10		A. McDonald Battleford.
"	27	"	78558 H. B. Amos & Co, Knnsach	1½ lb	25		Cameron & Heap, Dau- phin.
"	27	"	78561 M. Adlman, Kamsach.....	"	25		Codville Co., Winnipeg.

## DISTRICT OF ALBERTA —

Aug.	20	Beans.....	52763 Kerr & Poterfield, Calgary	1½ lb	30		Louis Petrie, Co., Calgary.
"	20	"	52764 " " "	"	23		"
"	20	"	52765 S. G. Freeze, Calgary.....	"	30		W. H. Malkin Co., Vancou- ver.
"	20	"	52766 " " "	"	30		" "
"	23	"	52767 Geo. A. Miller, 619 3rd St., N. E. Calgary.	"	22		L. T. New- barn Co., Calgary.
"	30	"	52768 W. Wood Roberts, Calgary.	"	30		Louis Petrie Co., Calgary.
"	29	"	52769 F. W. Maggs, Cochrane, Alta	"	25		Campbell, Wilson & Horne, Cal- gary.

BEANS.

Inspector's Report (Is not an expression of opinion.)	Hydrocyanic acid. Milligrams per 100 grams.	RESULTS OF ANALYSIS		No. of sample.	Remarks and opinion of the Chief Analyst
		Description of beans.			

Concluded.

	15.1	White striated Burma	Medium size	76934	
	16.2	" " "	" "	76941	
	18.9	" " "	" "	76943	
	1.4	White Navy	Small size	76944	
	1.4	" "	" "	76945	
	1.4	" "	" "	76948	

J. M. DANIS, INSPECTOR.

	17.5	White, striated, Burma	Medium size	78522	
	16.2	" " "	" "	78525	
	8.1	" " "	" "	78528	
	18.9	" " "	" "	78534	
	10.8	" " "	" "	78536	
	18.9	" " "	" "	78540	
	13.5	" " "	" "	78544	
	17.5	" " "	" "	78545	
	16.2	" " "	" "	78550	
	19.4	" " "	" "	78553	
	12.1	" " "	" "	78555	
	16.2	" " "	" "	78558	
	13.5	" " "	" "	78651	

A. W. R. MARKLEY, INSPECTOR.

Bayo	1.4	Mottled Brown	Large size	52763	
Navy	2.1	White Navy	Medium size	52764	
Lima	4.1	White striated Lima	Very large	52765	
Navy	1.4	White Navy	Medium size	52766	
"	1.4	White Navy	Small size	52767	
"	2.7	White Navy	Small size	52768	
Navy	1.6	White Navy	Small size	53769	

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer.	Furnisher
DISTRICT OF ALBERTA.—							
1917							
Aug.	29	Beans.	52770 R. A. Webster, Cochrane, Alta.	1½ lb.	27	.....	Codville Co., Medicine Hat.
"	29	"	52771 " " "	"	33	.....	" "
"	30	"	52772 Dominion Grocery, 17st Ave W., Calgary.	"	20	.....	Louis Petrie, Co., Calgary.
"	31	"	52773 Producers Outlet, 2120 4th St., W., Calgary.	"	25	.....	L. T. Mewburn & Co., Calgary.
"	31	"	52774 Robt. Burns, 2201, 4st St., Calgary.	"	20	.....	"
"	31	"	52775 " " "	"	20	.....	Unknown....
"	31	"	52776 W. J. Gray, 17th Ave, W., Calgary.	"	25	.....	Louis Petrie, Co., Calgary.
"	31	"	52777 L. Draper, 17th Ave, W. Calgary.	"	25	.....	Simmington & Co., Calgary.

## DISTRICT OF ROCKY MOUNTAINS —

Sept.	17	Beans White	68464 J. J. Ling & Co., Ashcroft....	1½ lb	20	LurKee, Ashcroft	.....
"	17	Beans Brown	68465 Harvey Bailey Ltd., Ashcroft	"	35	Unknown	.....
"	18	Beans Brown	68481 R. McCall, Kamloops .....	"	25	L. C. Sam, Savona.	.....
"	18	Beans White	68482 " " "	"	25	.....	R. P. Rlthet & Co, Victoria.
"	20	Beans White	68487 L. C. Masson, Revelstoke ....	"	30	.....	W. H. Malkin Co., Vanc.
"	20	Beans Brown	68488 " " "	"	25	.....	Kelly, Douglas & Co., Vancouver.
"	20	Beans Brown	68489 A. Hobson, Revelstoke .....	"	25	.....	W. H. Malkin Co., Vancouver.
"	20	Beans White	68490 " " "	"	25	.....	Kelly Douglas Co., Vancouver.
"	26	Beans White	68499 R. A. Smith, Moyle, B. C. ...	"	25	.....	Cranbrook Jobbers, Nelson
"	26	Beans White	68512 Star Grocery., Nelson .....	"	30	.....	Nelson Jobbers, Nelson
"	26	Beans Brown	68513 " " "	"	30	.....	"
"	26	Beans Brown	68514 Hudson's Bay Co, Nelson ....	"	25	Unknown	.....
"	26	Beans White	68515 " " "	"	25	"	.....
"	26	Beans Lima	68516 " " "	"	25	"	.....

## DISTRICT OF VANCOUVER :-

Oct.	29	Beans .....	76131 S. Lassen, 321 Hastings St., E. Vancouver.	1½ lb	15	.....	Lesson Dickie Gross & Co., Vanc.
"	29	"	76132 McCulloch Bros, 422 Hasting St., E., Vancouver.	"	25	.....	Kelly Douglas & Co., Vancouver.
"	29	"	76133 S. Goransen, 328 Hastings St. E. Vancouver.	"	25	.....	W. H. Malkin Co., Vancouver.
"	29	"	76134 Efford Bros, 573 Broadway St., Vancouver.	2lbs.	30	.....	"
"	29	"	76135 McCartney & Co., 515 Broadway, St., Vancouver.	1½ lbs.	25	.....	Lesson Dickie Gross & Co., Vanc.

BEANS

N No 387-

Address  
Furnisher  
Vendor

Inspector's Report (is not an expression of opinion.)	Hydro-cyanic acid Milligrams per 100 grams.	RESULTS OF ANALYSIS		No. of Sample.	Remarks and opinion of the Chief Analyst
		Description of bean.			

Concluded.

ALBERTA.—

Godville Co.  
Medicine  
Hat.

Louis Petrie,  
Co., Calgary.  
T. Mew-  
burn & Co.,  
Calgary.

Unknown...

Louis Petrie,  
Co., Calgary.  
Irvington  
& Co., Cal-  
gary.

Burma	8.1	White striated, Burma	Medium size	52770	
Lima	4.5	White striated, Lima	Very large size	52771	
Navy	2.9	White, Navy	Small size	52772	
"	1.4	White, Navy	Small size	52773	
"	4.3	White, Navy	Medium size	52774	
Lima	5.4	White striated, Lima	Very large size	52775	
Navy	1.4	White Navy	Medium size	52776	
"	2.1	White, Navy	Small size	52777	

ONTARIO.—

THOS PARKER, INSPECTOR.

P. Ritthet  
& Co. Vic-  
toria.

H. Malkin  
Co., Vanc.  
Jelly, Dou-  
glas & Co.,  
Vancouver.

H. Malkin  
Co., Vancou-  
ver.

Jelly Dou-  
glas Co., Van-  
couver.

Cranbrook  
Jobbers.

Cranbrook  
Nelson Job-  
bers, Nelson

	None	White, Medium		68464	
	"	Ashcroft yellow butter		68465	
	"	White Small		68481	
	"	Burma Brown		68482	
	13.0	Burma White		68487	
	None	Quail Medium		68488	
	None	Ashcroft, Salmon		68489	
	"	White Small		68490	
	"	White Medium		68499	
	"	White Medium		68512	
	"	Ashcroft, Salmon		68513	
	"	Ashcroft, Salmon		68514	
	"	White Small		68515	
	4.0	Lima		68516	

QUEBEC.—

G. G. ARMYTAGE, INSPECTOR.

Wesson Dic-  
kies Gross &  
Co., Vanc.

Jelly Dou-  
glas & Co.,  
Vancouver.

H. Malkin  
Co.

Wesson Dick-  
ies Gross &  
Co., Vanc.

	1.0	Mixture 95% White medium & 5% Burma white		76131	
	None	White Small		76132	
	17.0	Burma White		76133	
	None	White Small		76134	
	15.0	Burma White		76135	

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of vendor.	Cots.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cts.	Manufacturer.	Furnisher.

## DISTRICT OF VANCOUVER.—

1917								
Oct.	29	Beans.	76136	Carter's Grocery, 254 Broadway, Vancouver.	2lbs.	40	.....	W. H. Malkin Co., Ltd Vancouver.
"	30	"	76137	Annandale Supply Co., New Westminster.	"	25	Unknown.....	.....
"	30	"	76138	C. A. Welsh Ltd. New Westminster.	"	25	.....	Kelly Douglas & Co. W. H. Malkin Co., Ltd Vancouver.
"	30	"	76139	Seymour Grocery, Seymour & Nelson, Vancouver.	1½lbs.	25	.....	.....
"	30	"	76140	Calladine, 2242 Granville St Vancouver.	2lbs.	25	.....	Kelly Douglas & Co. Vancouver. Unknown....
"	30	"	76141	W. F. Stafford, 2435 Granville St., Vancouver.	1½lbs.	20	.....	.....
"	30	"	76142	W. W. Thompson, 2441 Granville St., Vancouver.	2lbs.	25	.....	"
"	30	"	76143	A. B. Tigar, 820 Broadway W., Vancouver.	"	25	.....	J. Phillips & Co., Ltd Vancouver. Unknown....
"	30	"	76144	E. T. Givins, 887 Broadway W., Vancouver.	"	25	.....	Unknown....
"	30	"	76145	F. C. Wood, 1077 Broadway, W. Vancouver.	"	25	.....	J. Phillips & Co., Ltd Vancouver.

## DISTRICT OF VICTORIA —

Oct.	22	Beans	75982	Dixi N. Ross & Co., 1317 Govt. St., Victoria.	1½lb.	30	.....	Unknown....
"	22	"	75983	Copas & Young, 633 Fort St. Victoria.	"	24	.....	"
"	22	"	75984	Quadra Hillside Cash Grocery, 1100 Hillside Ave., Victoria.	"	23	.....	W. H. Malkin Co. Unknown....
"	23	"	75985	People's Cash Grocery, 749 Yates St., Victoria.	3lbs.	45	.....	.....
"	23	"	75986	E. B. Jones, 1802 Cook St., Victoria.	1½lb	25	.....	Pither & Lister, Victoria. Unknown....
"	23	"	75987	Windsor Grocery Co., 817, Govt. St., Victoria.	"	20	.....	.....
"	24	"	75988	Fairfield Grocery, 259 Cook St., Victoria.	"	25	.....	"
"	24	"	75989	J. F. Thompson, Vancouver & Fairfield, Victoria.	2lbs.	25	.....	Wilson Bros. Victoria.
"	24	"	75990	Newport Grocery, Newport & Saratoga, Victoria.	"	25	.....	.....
"	25	"	75991	Western Grocery Co., 765, Fort St., Victoria.	1½lb.	25	.....	Unknown.
Nov.	2	"	75992	Western Mercantile Co., Nanaimo, B. C.	"	25	.....	"
"	2	"	75993	Harvey Trading Co., Nanaimo, B. C.	2lbs.	25	.....	"
"	2	"	75994	J. S. Knarston, Nanaimo, B. C.	"	25	.....	A. MacDonaid & Co. Vancouver Victoria. Unknown....
"	2	"	75995	Workmen's Cooperative Assn Nanaimo, B. C.	"	25	.....	Wilson Bros. Victoria.
"	2	"	75996	Thompson Cowie & Stockwell, Nanaimo, B. C.	"	25	.....	Unknown....



## BEANS

No 387.—

Address  
of Furnisher  
or Vendor.

Furnisher.

Inspector's Report (Is not an expression of opinion).	Hydro- cyanic acid. Mil- ligrams per 100 grams.	RESULTS OF ANALYSIS		No. of Sample.	Remark a and opinion of the Chief Analyst
		Description of beans.			

Concluded.

COUVER.—

W. H. Malkin Co., Ltd Van- couver.	4.0	Lima	76136
	12.0	Burma White	76137
	14.0	" "	76138
Kelly Dou- glas & Co. W. H. Malkin Co., Ltd Van- couver.	11.0	" "	76139
Kelly Dou- glas & Co. Vancouver.	13.0	" "	76140
Unknown....	8.0	Mixture, 40% Medium White, & 60% Burma white.	76141
"	1.0	Mixture 90% Medium white & 10% Burma white.	76142
J. Philippe & Co., Ltd Van- couver.	12.0	Burma. White	76143
Unknown....	14.0	Burma. White	76144
J. Philippe & Co., Ltd Vancouver.	12.0	" "	76145

VICTORIA —

G. G. ARMYTAGE, ACTING INSPECTOR.

Unknown....	18.0	Burma white.	75982
"	14.0	" "	75983
W. H. Malkin Co.	15.0	" "	75984
Unknown....	20.0	" "	75985
Pither & Le- ser, Victoria.	18.0	" "	75986
Unknown....	12.0	" "	75987
"	None	Daifuku mame.	75988
Wilson Bros. Victoria.	12.0	Burma White	75989
"	12.0	" "	75990
Unknown.	12.0	" "	75991
"	15.0	" "	75992
"	13.0	" "	75993
"	17.0	" "	75994
A. MacDo- nald & Co. Vancouver	15.0	" "	75995
Wilson Bros. Victoria.	19.0	" "	75996
Unknown....			

