

**CIHM  
Microfiche  
Series  
(Monographs)**

**ICMH  
Collection de  
microfiches  
(monographies)**



**Canadian Institute for Historical Microreproductions / Institut canadien de microreproductions historiques**

**© 1998**

## Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming are checked below.

- ☐ Coloured covers / Couverture de couleur
- ☐ Covers damaged / Couverture endommagée
- ☐ Covers restored and/or laminated / Couverture restaurée et/ou pelliculée
- ☐ Cover title missing / Le titre de couverture manque
- ☐ Coloured maps / Cartes géographiques en couleur
- ☐ Coloured ink (i.e. other than blue or black) / Encre de couleur (i.e. autre que bleue ou noire)
- ☐ Coloured plates and/or illustrations / Planches et/ou illustrations en couleur
- ☒ Bound with other material / Relié avec d'autres documents
- ☐ Only edition available / Seule édition disponible
- ☒ Tight binding may cause shadows or distortion along interior margin / La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure.
- ☐ Blank leaves added during restorations may appear within the text. Whenever possible, these have been omitted from filming / Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.
- ☐ Additional comments / Commentaires supplémentaires:

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

- ☐ Coloured pages / Pages de couleur
- ☐ Pages damaged / Pages endommagées
- ☐ Pages restored and/or laminated / Pages restaurées et/ou pelliculées
- ☒ Pages discoloured, stained or foxed / Pages décolorées, tachetées ou piquées
- ☐ Pages detached / Pages détachées
- ☒ Showthrough / Transparence
- ☐ Quality of print varies / Qualité inégale de l'impression
- ☐ Includes supplementary material / Comprend du matériel supplémentaire
- ☐ Pages wholly or partially obscured by errata slips, tissues, etc., have been refilmed to ensure the best possible image / Les pages totalement ou partiellement obscurcies par un feuillet d'errata, une pelure, etc., ont été filmées à nouveau de façon à obtenir la meilleure image possible.
- ☐ Opposing pages with varying colouration or discolourations are filmed twice to ensure the best possible image / Les pages s'opposant ayant des colorations variables ou des décolorations sont filmées deux fois afin d'obtenir la meilleure image possible.

This item is filmed at the reduction ratio checked below /  
Ce document est filmé au taux de réduction indiqué ci-dessous.

10x		14x		18x		22x		26x		30x	
		12x		16x		20x		24x		28x	32x

The copy filmed here has been reproduced thanks to the generosity of:

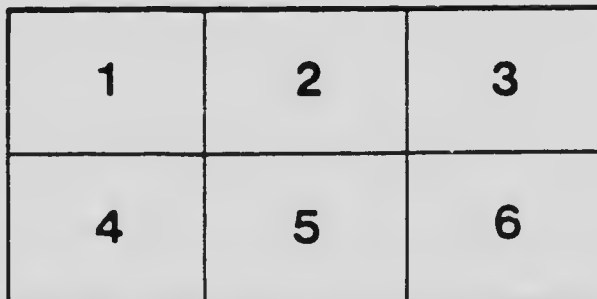
National Library of Canada

The images appearing here are the best quality possible considering the condition and legibility of the original copy and in keeping with the filming contract specifications.

Original copies in printed paper covers are filmed beginning with the front cover and ending on the last page with a printed or illustrated impression, or the back cover when appropriate. All other original copies are filmed beginning on the first page with a printed or illustrated impression, and ending on the last page with a printed or illustrated impression.

The last recorded frame on each microfiche shell contains the symbol  $\rightarrow$  (meaning "CONTINUED"), or the symbol  $\nabla$  (meaning "END"), whichever applies.

Maps, plates, charts, etc., may be filmed at different reduction ratios. Those too large to be entirely included in one exposure are filmed beginning in the upper left hand corner, left to right and top to bottom, as many frames as required. The following diagrams illustrate the method:



L'exemplaire filmé fut reproduit grâce à la générosité de:

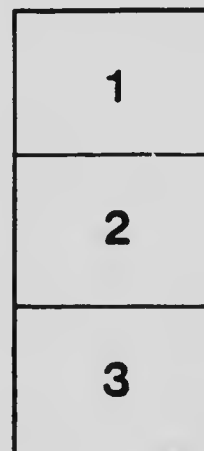
Bibliothèque nationale du Canada

Les images suivantes ont été reproduites avec le plus grand soin, compte tenu de la condition et de la netteté de l'exemplaire filmé, et en conformité avec les conditions du contrat de filmage.

Les exemplaires originaux dont la couverture en papier est imprimée sont filmés en commençant par le premier plat et en terminant soit par la dernière page qui comporte une empreinte d'impression ou d'illustration, soit par le second plat, selon le cas. Tous les autres exemplaires originaux sont filmés en commençant par la première page qui comporte une empreinte d'impression ou d'illustration et en terminant par la dernière page qui comporte une telle empreinte.

Un des symboles suivants apparaîtra sur la dernière image de chaque microfiche, selon le cas: le symbole  $\rightarrow$  signifie "À SUIVRE", le symbole  $\nabla$  signifie "FIN".

Les cartes, planches, tableaux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché, il est filmé à partir de l'angle supérieur gauche, de gauche à droite, et de haut en bas, en prenant le nombre d'images nécessaire. Les diagrammes suivants illustrent la méthode.





---

LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA

---

BULLETIN No. 279

---

FLOUR

---



LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA  

---

BULLETIN No. 279

## FLOUR

OTTAWA, February 24, 1914.

WM. HIMSWORTH, Esq.,

Deputy Minister Inland Revenue.

SIR,—I have the honour to hand you a report upon 139 samples of flour purchased by our inspectors in September and October of last year.

One of the questions sought to be solved by the inspection is the moisture content of flour as ordinarily found on the Canadian market. Many complaints of the ready spoilage of flour have been received. (See departmental file 104959). Twelve samples were specially enclosed in such a way that they could not lose moisture in transit, or while in storage with us. These samples show an average of 12.92 per cent moisture and three of them contain over 13 per cent. The remainder of the collection was contained in paper bags, and these samples show a pretty uniform content of moisture varying from 9.5 to 10.5 per cent, the average content being close upon 10 per cent.

Standards for flour as published in Circular G. 932, fix 13.5 per cent as a maximum amount of moisture; and only one sample of this collection shows any excess. (No. 59191). There can be no doubt, however, that even this is undesirably high, and is especially high, for shipment in hot weather, or to tropical climes.

Ash is fixed at 1 per cent as a maximum by our standards. Four samples show excess. Two of these are whole wheat flours, and should have been sold as such. The ash is not excessive for this class of flour. The other two contain added phosphates, and one of them appears to contain alum. These are so-called self raising flours.

Two samples show organic nitrogen very slightly below the minimum fixed by standard, viz: 1.25 per cent

Flours showing as much as two (2) parts per million of nitrite-reacting nitrogen are probably bleached by the use of oxides of nitrogen. Seven samples fall into this class.

When more than two parts nitrite nitrogen per million is found, this is held to be proof of bleaching. Three (3) samples of this collection are to be regarded as bleached. Such samples should have been sold not as "Flour", but as "Bleached Flour".

An extended investigation of bleached flours was made in these laboratories in 1910, and the results are published as Bulletin No. 206. We have no legislation in Canada prohibiting the bleaching of flour; but bleached flour is defined by Order in Council of 29th October 1910; and it is therefore illegal to sell a bleached flour under any other name.

There is nothing to justify declaration of adulteration in any case.

I beg to recommend publication of this report as Bulletin No. 279.

I have the honour to be, Sir,

Your obedient servant,

A. MCGILL,

*Chief Analyst.*

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF NOVA SCOTIA—

1913.							
Oct. 13	Flour	54336	Cain Bros., Yarmouth, N.S.	3 lbs.	12	Campbell M. Co., Toronto.	Manufacturers..
" 15	"	54337	Roach & Barteaux, Annapolis, N.S.	3 "	12	Maple Leaf M. Co., Toronto.	" ..
" 16	"	54338	R. H. Dodge & Co., Kentville, N.S.	3 "	12	Canadian Cereal M. Co., Toronto.	R. E. Harris, Wolfville, N.S.
" 16	"	54339	Shand Bros., Windsor, N.S.	3 "	12	Quaker Oats Co., Peterboro.	Manufacturers..
" 16	"	54340	Canada Food Co., Windsor, N.S.	3 "	12	Dominion F. M. Co., Montreal.	" ..
" 16	"	54341	J. Lynch & Son, Windsor, N.S.	3 "	12	McLeod Milling Co., Stratford.	Jno. Tobin & Co., Halifax, N.S.
" 23	"	54342	Wentzella, Ltd., Halifax, N.S.	3 "	11	Platsville M. Co., Platsville, Ont.	Manufacturers..
" 23	"	54343	A. L. Doyle & Co., Halifax, N.S.	3 "	12	T. H. Taylor Co., Chatham, Ont.	" ..
" 23	"	54344	Wm. Moore, Halifax, N.S.	3 "	11	McLeod Milling Co., Stratford.	" ..
" 23	"	54345	Ritcey & Corkum, Halifax, N.S.	3 "	10	T. H. Taylor Co., Chatham, Ont.	" ..

## DISTRICT OF NEW BRUNSWICK—

Sept. 25	Flour	50352	2-Barkers, Ltd., St. John, N.B.	3 lbs.	10	Platsville M. Co., Platsville Ont.	.....
" 25	"	50353	" " " "	3 "	10	Peterboro Cereal Co., Peterboro.	.....
Oct. 3	"	50354	J. V. Holland, St. John, N.B.	3 "	12	Canadian Cereal & F. M., Ltd., Toronto.	.....
" 8	"	50355	P. F. McKenna, St. Stephen, N.B.	3 "	15	" " " "	.....
" 14	"	50356	M. E. Doohan, Fredericton, N.B.	3 "	15	Campbell F. M. Co., West Toronto.	.....
" 15	"	50357	J. M. Fripp, Woodstock, N.B.	3 "	10	Meduxnakeag Mills, J. M. Fripp, Woodstock, N.B.	.....
" 21	"	50358	Sussex Mercantile Co., Ltd., Sussex, N.B.	3 "	15	Ogilvie's, Montreal.	.....
" 21	"	50359	" " " "	3 "	15	Western Canada F. M., Montreal.	.....
" 22	"	50360	J. A. Marven, Ltd., Moncton, N.B.	3 "	Nil.	Unknown	Uuknown .....
" 23	"	50361	J. B. Snowball Co., Ltd., Chatham, N.B.	3 "	15	S. J. Cherry, Preston, Ont.	.....

## DISTRICT OF QUEBEC—

Sept 23	Flour	56134	J. Pepin, 132 Rue Massue, Que.	2 lbs.	12	Unknown	Kirouack & Fils.
Sept 24	"	56135	O. Bacon, 28 Rue Herminie, Quebec.	2 "	7	"	P. T. Busiere...
" 26	"	56136	Ph. Boulet, Grant & Desprairie, Quebec.	2 "	7	"	M. A. Lachance
" 26	"	56137	W. Dobie, 31 Rue Laborte, Quebec.	2 "	7	"	Begin & Frere..



## FLOUR.

Inspector's Report. (Is not an expression of Opinion.	Results of Analysis.					Container.	No. of Sample.	Remarks and Opinion of the Chief Analyst.	
	Moisture.	Ash.	Nitrogen	Proteid N x 5.7	Nitrite react- ing nitrogen.				
					Pts. per million.				Calculat- ed as Na NO <sub>2</sub>

## R. J. WAUGH, INSPECTOR.

	P. C.	P. C.	P. C.					
Cream of the wheat. . . . .	10.10	0.41	2.02	11.50	None.		In paper bags.	54336
King's Quality. . . . .	9.82	0.39	2.04	11.62	"		"	54337
Rainbow. . . . .	9.92	0.37	2.03	11.57	"		"	54338
Victor. . . . .	9.52	0.41	1.93	11.00	0.2	1.0	"	54339
Regal. . . . .	9.72	0.36	2.07	11.79	None.		"	54340
McLeod's Special. . . . .	10.00	0.44	1.96	11.16	"		"	54341
Swansdown. . . . .	9.90	0.44	1.75	9.98	"		"	54342
Beaver. . . . .	9.92	0.51	1.92	10.94	"		"	54343
McLeod's Special. . . . .	9.75	0.38	1.91	10.89	0.1	0.5	"	54344
Beaver. . . . .	9.90	0.47	2.04	11.62	None.		"	54345

## J. C. FERGUSON, INSPECTOR.

	P. C.	P. C.	P. C.					
Strathcona Blend. . . . .	11.25	0.47	1.77	10.08	0.1	0.5	In paper bags.	50352
Chariot. . . . .	9.60	0.39	1.94	11.05	0.2	1.0	"	50353
Goldies Star. . . . .	10.20	0.44	1.76	10.02	None.		"	50354
Primrose. . . . .	9.92	0.41	2.08	11.85	"		"	50355
Monarch. . . . .	9.70	0.46	1.50	8.54	"		"	50356
Primrose. . . . .	9.92	0.60	2.15	12.25	"		"	50357
Royal Household. . . . .	10.10	0.37	2.07	11.79	"		"	50358
Morwena. . . . .	10.00	0.48	1.47	8.37	"		"	50359
Biscuit. . . . .	9.92	0.42	1.46	8.32	"		"	50360
Jersey Lilly. . . . .	10.42	0.41	1.87	11.65	"		"	50361

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

	P. C.	P. C.	P. C.					
. . . . .	9.25	0.43	1.60	9.11	Trace		In paper bags.	56134
. . . . .	10.05	0.42	1.44	8.29	0.1	0.5	"	56135
. . . . .	9.87	0.47	1.55	8.83	None.		"	56136
. . . . .	9.95	0.37	1.43	8.14	"		"	56137

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF QUEBEC—							
1913.							
Sept. 29	Flour.....	56138	J. A. Talbot, 410 Rue de la Reine, Quebec.	2 lbs.	7	Unknown	J. B. Renaud & Cie.
" 29	"	56139	Elz. Conture, 124 Rue Caron, Quebec.	2 "	6	"	W. Carrier & Fils.
" 29	"	56140	G. H. Turcot, 92 Rue Caron, Quebec.	2 "	7	"	P. T. Busiere & Cie.
" 29	"	56141	Mad. P. Dubuc, 131 Rue Charest, Quebec.	2 "	6	"	W. A. Lachance
" 29	"	56142	Emile Jalbert, 16 Rue Dorchester.	2 "	8	"	W. A. Lachance
" 29	"	56143	Jas. J. Goslin, 50 Rue Dorchester.	2 "	7	"	W. Carrier & Fils.

## DISTRICT OF THREE RIVERS—

Sept. 18	Flour.....	59716	J. O. Davian, Berthier ville.	2 lbs.	8	W. Snider, Waterloo, Ont.	
" 18	"	59717	A. L. Caisse, Berthier ville.	2 "	8	F. O. Jamarache, Berthierville.	
" 19	"	59718	O. Paquette, Berthier ville.	3 "	15		Unknown.
" 20	"	59719	J. S. Bayeur, Berthier ville.	3 "	15		Viau & Frere, Montreal.
" 20	"	59720	F. O. Jamarache, Berthierville.	2 "	10	Alex. Brown, M. & E. Co., Toronto.	
" 20	"	59721	J. R. Coyle, Berthier ville.	3 "	10	Ogilvie, F. M. Co., Montreal.	
" 22	"	59722	J. N. Read, St. Felix de Valois.	2 "	10	Seaforth, M. Co., Ltd. Ont.	
" 22	"	59723	Louis Enos, St. Felix de Valois.	2 "	8	Wm. Scott, Ottawa	
" 24	"	59725	Camille Barrette, Joliette.	2 "	6	Alex. Brown, M. & E. Co., Toronto.	
" 24	"	59741	Magnan & Freres, Joliette.	2 "	6	Alex. Brown, M. & E. Co., Toronto.	

## DISTRICT OF EASTERN TOWNSHIPS—

Sept. 29	Flour.....	1718	F. Lavigne, Victoria ville.	2 lbs.	6	Canadian Cereal & F. M., Ltd., Toronto.	J. B. Paradis, agent, Victoriaville.
Oct. 2	"	1719	Eus. Huard & Cie., Megantic.	2 "	6	L. of the Woods M. Co., Montreal.	
" 3	"	1720	Cookshire Flour Mills Co., Cookshire.	2 "		Vendors.	
" 6	"	1721	Dme. A. Vaillancourt, Coaticook.	2 "	7		D. S. Banchaud, Coaticook.
" 7	"	1722	The Daly Grocery Co., Stanstead.	2 "	8	L. of the W. M. Co., Montreal.	J. B. Paradis & fils, Stanstead.
" 9	"	1723	J. A. Cote, Granby.	2 "	7		Mercure & frere.
" 9	"	1724	Geo. F. Lebroy, Waterloo, P. Q.	2 "	7	L. of the W. M. Co., Montreal.	

## FLOUR.

Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis.					Remarks.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Ash.	Nitrogen.	Proteids N x 5.	Nitrate react- ing Nitrogen. Pte. per- million. Calcula- ted as NaNO <sub>3</sub> .			

## F. N. W. E. BELAND, INSPECTOR—Concluded.

.....	9.77	0.48	1.66	9.46	None	In paper bags.	56138	
.....	10.05	0.40	1.41	8.03	"	"	56139	
.....	10.02	0.29	1.73	9.85	"	"	56140	
.....	9.87	0.45	1.47	8.37	"	"	56141	
.....	9.57	0.67	2.29	13.05	"	"	56142	
.....	9.67	0.27	1.68	9.57	"	"	56143	

## DR. V. P. LAVALLEE, INSPECTOR.

.....	9.85	0.53	1.80	10.25	None	In paper bags.	59716	
.....	9.62	0.57	1.64	9.35	"	"	59717	
Crescent self raising flour.	9.60	4.01	1.56	8.88	0.2	1.0	59718	Is a self-raising flour.
.....	9.52	2.67	1.45	8.26	0.1	0.5	59719	" "
.....	9.60	0.48	1.85	10.53	None	"	59720	
Glenora	9.70	0.53	2.24	12.75	"	"	59721	
.....	9.85	0.41	1.45	8.26	"	"	59722	
Polar Star	9.80	0.56	2.14	12.20	"	"	59723	
.....	9.62	0.56	1.60	9.11	"	"	59725	
.....	9.55	0.51	1.63	5.28	"	"	59741	

## J. C. ROULEAU, INSPECTOR.

.....	9.67	0.44	2.14	12.19	None	In paper bags.	1718	
.....	9.62	0.37	2.35	13.39	"	"	1719	
Graham Flour	9.85	1.42	2.11	12.02	"	"	1720	Whole wheat flour.
.....	10.17	0.46	1.49	8.49	"	"	1721	
.....	10.10	0.40	2.16	12.30	"	"	1722	
.....	9.65	0.29	1.62	9.24	"	"	1723	
.....	9.92	0.56	2.11	12.02	"	"	1724	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF EASTERN TOWNSHIPS—

1913.							
Oct. 9	Flour.....	1725	L. Bergeron, Waterloo, P.Q.	2 lbs.	6	St. Lawrence M. Co., Montreal.	
" 10	" .....	1726	Gosselin & Paradis, Magog.	2 "	7	Dominion F. M. Ltd.	
" 14	" .....	1727	S. Rousseau, St. Hyacinthe.	2 "	...	Vendor .....	

## DISTRICT OF MONTREAL—

Oct. 21	Flour.....	58626	F. Dumouchel, 244 Church ave., Verdun.	2 lbs.	12	.....	Brodie & Harvey, Montreal.
" 21	" .....	58627	J. Bonenfant, 425 Church ave., Verdun.	2 "	8	.....	" ..
" 21	" .....	58628	P. Brunet, 481 Church ave., Verdun.	2 "	8	.....	" ..
" 21	" .....	58629	P. Lajoie, 514 Church ave., Verdun.	2 "	8	.....	St. Germain, Montreal.
" 21	" .....	58630	L. LeBeauce, 143 Church ave., Verdun.	2 "	8	.....	Brodie & Harvey, Montreal.
" 21	" .....	58631	D. Legault, 1220 Wellington st., Verdun.	2 "	8	.....	" ..
" 21	" .....	58632	N. Gauthier, 1218 Wellington st., Verdun.	2 "	8	.....	" ..
" 21	" .....	58633	O. Montpetit, 1255 Wellington st., Verdun.	2 "	8	.....	Lariviere & frere, Montreal.
" 31	" .....	58634	Trudeau & frere, 302 Charlevoix st., Verdun.	2 "	9	.....	Brodie & Harvey, Montreal.
" 31	" .....	58635	Taylor & Peacock, 330 Charlevoix st., Verdun.	2 "	8	Lake of the Woods, Montreal.	.....

## DISTRICT OF OTTAWA—

Sept. 23	Flour.....	59191	Renfrew Flour Mills, Ltd., Pakenham.	3 lbs.	10	Vendors.....	.....
" 30	" .....	59192	McDonald Bros., Gladstone Ave., Ottawa.	2 "	8	Ogilvie, Ottawa....	Manufacturers..
" 30	" .....	59193	M. Greenberg, Bank St., Ottawa.	3 "	12	Unknown .....	Dover, Ottawa..
" 30	" .....	59194	W. D. Ardley, Bank St., Ottawa.	3 "	12	Lake of the Woods M. Co., Ottawa.	Manufacturers..
" 30	" .....	59195	" .....	3 "	12	Canadian Cereal F. Mills Ltd., Ottawa.	"
" 30	" .....	59196	" .....	3 "	12	Ont. & Manitoba F. Mills Ltd., Ottawa.	"
" 30	" .....	59197	" .....	3 "	12	Maple Leaf Milling Co., Ltd., Ottawa.	"
" 30	" .....	59198	" .....	3 "	12	" .....	"
" 30	" .....	59199	" .....	3 "	12	Western Canada F. Mills Co., Ottawa.	"
Oct. 6	" .....	59211	J. W. McKay, Wellington St., Ottawa.	3 "	10	Ogilvie, Ottawa....	"

## FLOUR.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.					Container.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Ash.	Nitrogen.	Proteid N x 5.7	Nitrite react- ing nitrogen.			
					Pts. per million.			

J. C. ROULEAU, INSPECTOR—*Concluded.*

	p. c.	p. c.	p. c.						
.....	10.02	0.38	2.02	11.50	None.	....	In paper bags.	1725	
.....	9.95	0.40	2.18	12.41	"	...	"	1726	
.....	9.80	0.44	1.83	10.42	"	.....	"	1727	

## D. I. KEARNEY, INSPECTOR.

.....	9.30	0.48	1.43	8.14	0.8	4.0	In paper bags.	58626	Bleached.
.....	9.85	0.63	1.47	8.38	0.4	2.0	"	58627	Probably bleached.
.....	9.50	0.47	1.46	8.32	0.4	2.0	"	58628	"
.....	9.52	0.42	1.44	8.20	0.1	0.5	"	58629	
.....	10.17	0.58	1.51	8.60	0.4	2.0	"	58630	Probably bleached.
.....	9.67	0.44	1.48	8.44	0.8	4.0	"	58631	Bleached.
.....	9.55	0.46	1.40	7.97	None.	.....	"	58632	
.....	9.82	0.43	1.65	9.40	"	.....	"	58633	
.....	10.00	0.52	1.55	8.84	0.4	2.0	"	58634	Probably bleached.
.....	10.17	0.41	1.50	8.55	0.6	3.0	"	58635	Bleached.

## J. A. RICKEY, INSPECTOR.

White Star.....	14.12	0.41	1.86	10.60	None.	.....	In tins.....	59191	Moisture high.
Glenora .....	13.42	0.49	1.99	11.35	"	.....	"	59192	
High Loaf.....	13.45	0.64	1.99	11.35	"	.....	"	59193	
Five Roses, guaranteed unbleached.	9.67	0.39	2.13	12.12	"	.....	In paper bags.	59194	
Rainbow.....	9.52	0.38	2.09	11.91	"	.....	"	59195	
Body Builder.....	9.50	0.39	1.99	11.35	"	.....	"	59196	
Castle.....	9.47	0.44	2.16	12.30	"	.....	"	59197	
Quality.....	9.42	0.38	1.94	11.05	"	.....	"	59198	
Purity, labelled un- bleached.	9.57	0.38	2.02	11.50	"	.....	"	59199	
Royal Household.....	9.65	0.34	1.97	11.22	"	.....	"	59211	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF KINGSTON--							
1913.							
Sept. 22	Flour.....	60016	C. Rathman, Bellville..	2 lbs..	8	Western Canada, Goderich.	
" 22	" .....	60017	A. G. Vermilyea, Belle-ville.	2 " ..	7	C. Smith, Campbell-ford.	
" 22	" .....	60018	F. O. Diamond Belle-ville.	2 " ..	6	Cooper, Belleville...	
" 23	" .....	60019	F. McIntosh, Cobourg..	2 " ..	8	Pratte, Cobourg.....	
" 23	" .....	60020	M. C. Nichols, Cobourg.	2 " ..	7	" .....	
" 23	" .....	60021	The Thompson Mac Donald, Cobourg.	2 " ..	10	" .....	
" 23	" .....	60022	S. Sleeman, Port Hope.	2 " ..	5	Watford, Carton...	
" 23	" .....	60023	T. H. Brown, Port Hope.	2 " ..	6	Balbraith's, Port Hope.	
" 24	" .....	60024	P. S. White, Peterboro.	2 " ..	8	R. Denne, Peterboro	
" 24	" .....	60025	J. R. Bell, Peterboro.	2 " ..	10	Peterboro Cereal Co. Peterboro,	

## DISTRICT OF TORONTO—

Sept. 22	Flour.....	57511	Cameron & Fowler, 36 Pope ave., Toronto.	2 lbs..	8	The Alex. Brown M. & E. Co., Ltd., Toronto.	
" 22	" .....	57512	C. T. Simpson, 960 Gerard st. East, Toronto.	2 " ..	10	Lake of the Woods M. Co., Ltd., Kewatin.	
" 22	" .....	57513	H. Bracken & Son, 1020 Dundas st., Toronto.	2 " ..	10	Western Flour M. Co., Toronto.	
" 23	" .....	57514	Hammett & Harper, 652 Dufferin st., Toronto.	2 " ..	5	D. W. Reid & Son, Streetsville.	
" 23	" .....	57515	Lake of the Woods Co. Ltd., 224 Dupont st. Toronto.	2 " ..	5	Vendors..	
" 23	" .....	57516	Maple Leaf Milling Co., Ltd., 200 Board of Trade Bldg., Toronto.	2 " ..	5	" .....	
" 23	" .....	57517	Canadian Cereal Flour Mills, Ltd., 285 Howland ave., Toronto.	2 " ..	5	" .....	
" 22	" .....	57518	John Williamson, 514 Bloor st. West, Toronto.	2 " ..	13		The Campbell F. M. Co., Ltd., Toronto.
" 24	" .....	57519	A. Brock, 52 Arthur st., Toronto.	2 " ..	5	Ogilvie M. Co., Ltd., Montreal.	
" 24	" .....	57520	The Alex. Brown M. & E. Co., Ltd., Esplanade st., Toronto.	2 " ..	7	Vendors.....	

## FLOUR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.					Container.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Ash.	Nitrogen.	Proteid N x 5.7.	Nitrite react- ing Nitrogen			
					Pts. per million.			

## JAS. HOGAN, INSPECTOR.

	p. c.	p. c.	p. c.						
.....	9.25	0.37	2.03	11.56	None.	.....	In paper bags	60016	
.....	9.17	0.46	1.74	9.91	"	.....	"	60017	
.....	8.92	0.44	1.40	7.97	"	.....	"	60018	
.....	9.30	0.38	2.14	12.20	"	.....	"	60019	
.....	9.32	0.43	1.35	7.69	"	.....	"	60020	
.....	9.37	0.42	1.35	7.69	"	.....	"	60021	
.....	9.37	0.41	1.21	6.89	"	.....	"	60022	Nitrogen low.
.....	9.12	0.40	1.35	7.69	"	.....	"	60023	
.....	9.32	0.44	1.19	6.78	"	.....	"	60024	Nitrogen low.
.....	9.30	0.45	1.41	8.03	0.1	0.5	"	60025	

## H. J. DAGER, INSPECTOR.

	p. c.	p. c.	p. c.						
White Rose .....	9.65	0.48	1.49	8.49	None.	.....	In paper bags	57511	
Fine Roses .....	9.50	0.34	2.17	12.37	"	.....	"	57512	
Crown .....	9.72	0.44	1.55	8.23	"	.....	"	57513	
.....	9.37	0.48	2.12	12.09	"	.....	"	57514	
Harvest Queen .....	9.20	0.43	2.31	13.17	"	.....	"	57515	
King's Quality .....	9.22	0.37	2.11	12.02	"	.....	"	57516	
Rainbow .....	10.37	0.36	1.97	11.23	0.1	0.5	"	57517	
Monarch .....	9.15	0.43	1.45	8.26	None.	.....	"	57518	
Royal Household .....	9.60	0.34	1.96	11.18	"	.....	"	57519	
Osgood .....	9.47	0.37	1.53	8.72	0.4	2.0	"	57520	Probably bleached.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF HAMILTON—

1913.							
Oct.	2	Flour.....	50845 S. Simons, 67 Colborne st., Brantford.	2 lbs.	6	R. A. Thompson, Brantford.	
"	2	"	50846 " "	2 " "	5	"	
"	2	"	50847 George Cooper, 135 Market st., Brantford.	2 " "	5	Wood Bros., Brantford.	
"	2	"	50848 W. D. Davidson, 259 St. Paul st., St. Catharines.	2 " "	10	Maple Leaf Co., Ltd.	
"	2	"	50849 " "	2 " "	10	Canadian Cereal Co.	
"	2	"	50850 " "	2 " "	10		
"	2	"	50851 " "	2 " "	10	Caledonia M. Co.	
"	2	"	50852 Henry & Glackin, Church st., St. Catharines.	2 " "	8	J. K. Black.	
"	2	"	50853 " "	2 " "	8	Maple Leaf M. Co., Ltd.	
"	2	"	50854 F. R. Hall, 97 Geneva st., St. Catharines.	2 " "	8	Jameson Black & Son	

## DISTRICT OF WINDSOR—

Oct.	8	Flour.....	54401 J. C. Bell, Petrolie	3 jars.	6	D. Lambert & Sons, Oil Springs.	
"	8	"	54402 " " "	3 " "	6	N. H. Stevens, (Kent Mills), Chatham.	
"	8	"	54403 " " "	3 " "	6	Ogilvie Co	
"	8	"	54404 " " "	3 " "	6	Canadian Cereal & M Co., Tillsonburg.	
"	13	"	54889 Jas. Twitchen, London.	3 " "	8	J. Schoenhals, Clinton.	
"	13	"	54890 " " "	3 " "	8	Arva Roller M. Co., Arva, Ont.	
"	13	"	54891 " " "	3 " "	8	Lucan Milling Co., Lucan, Ont.	
"	13	"	54892 Reid & Marshall	3 " "	8	Empire Milling Co., St. Thomas.	
"	13	"	54893 " " "	3 " "	8	Lake of the Woods M. Co., Keewatin.	

## DISTRICT OF MANITOBA—

Sept.	30	Flour.....	48976 The Ogilvie F. M. Co., Ltd., Winnipeg.	2 lbs.	Nil.	Vendors.....	
Oct.	2	"	48977 Western Canada F. M. Co., Ltd., St. Boniface.	3 " "	"	"	
"	8	"	48978 C. E. Bragg, Elmwood P. O.	3 " "	30	Lake of the Woods Milling Co., Ltd., Keewatin.	
"	8	"	48979 J. Paterson, Elmwood P. O.	3 " "	25	Leitch, Oak Lake...	
"	8	"	48980 " " "	3 " "	25	Ogilvie F. M. Co., Ltd., Winnipeg.	



## FLOUR.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.					Container.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Moisture.	Ash.	Nitrogen.	Protein N x 5.7	Nitrate react- ing nitrogen.			
					Pts. per million.			

## J. J. COSTIGAN, ACTING INSPECTOR.

	p. c.	p. c.	p. c.						
Astor. ....	9.77	0.48	1.86	11.60	None.	.....	In paper bags.	50845	
Delight. ....	9.75	0.53	1.80	11.25	"	.....	"	50846	
.....	9.62	0.43	1.40	7.97	0.4	2.0	"	50847	Probabl. bleached.
King's Quality.....	9.95	0.41	2.07	11.79	None.	.....	"	50848	
Rainbow. ....	9.52	0.44	2.11	12.02	"	.....	"	50849	
Robinhood.....	9.95	0.38	1.98	11.28	"	.....	"	50850	
Bridal Veil. ....	9.87	0.45	1.64	9.35	"	.....	"	50851	
Herald. ....	9.42	0.44	1.86	11.60	"	.....	"	50852	
Perfection. ....	10.02	0.45	1.91	11.86	"	.....	"	50853	
.....	9.75	0.42	1.86	11.60	"	.....	"	50854	

## JOHN TALBOT, INSPECTOR.

Gold Dust.....	12.70	0.44	1.80	10.26	None.	.....	In glass jars..	54401	
Kent Mills.....	12.80	0.42	1.72	9.80	"	.....	"	54402	
Royal Household.....	12.67	0.35	2.00	11.40	"	.....	"	54403	
Rainbow. ....	12.75	0.35	1.95	11.12	"	.....	"	54404	
Maple Leaf.....	12.77	0.45	1.95	11.12	0.1	0.5	"	54889	
Daisy.....	12.75	0.40	1.67	9.52	None.	.....	"	54890	
Delight. ....	12.52	0.26	1.80	10.26	"	.....	"	54891	
Sunbeam. ....	12.40	0.33	1.76	10.02	0.4	2.0	"	54892	Probably bleached.
Five Roses.....	12.70	0.36	2.03	11.58	None	.....	"	54893	

## A. C. LARIVIERE, INSPECTOR.

.....	9.77	0.38	1.95	11.10	None.	.....	In paper bags	48976	
.....	10.25	0.36	1.98	11.28	"	.....	"	48977	
.....	10.17	0.39	2.12	12.07	"	.....	"	48978	
Anchor.....	9.90	0.45	2.17	12.36	Trace	.....	"	48979	
.....	9.65	0.35	2.07	11.79	None.	.....	"	18980	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF MANITOBA—

1913.							
Oct. 24	Flour.....	44981	T. Brown & Co., Pembina Ave., Winnipeg.	3 lbs..	30	Western Canada F. M. Co., Ltd.	
" 24	" .....	48982	" " " "	3 " ..	30	Ogilvie F. M. Co., Winnipeg.	
" 27	" .....	48983	Western Canada F. M. Co., Brandon.	3 " ..	Nil.	Vendors.....	
" 27	" .....	48984	The Maple Leaf M. Co., Brandon.	3 " ..	"	" .....	
" 28	" .....	48990	Francis Bros., Norwood Grove.	3 " ..	30	Western Canada F. M. Co.	

## DISTRICT OF ROCKY MOUNTAINS—

Oct. 2	Flour.....	49955	Bell Trading Co., Nelson, B.C.	3 lbs..	25	Ogilvie M. Co., Winnipeg.	
" 2	" .....	49956	" " " "	3 " ..	25	Lake of the Woods M. Co., Winnipeg.	
" 2	" .....	49957	" " " "	3 " ..	25	Maple Leaf M. Co., Toronto.	
" 2	" .....	49958	" " " "	3 " ..	25	Western Canada F. M. Co., Winnipeg.	
" 2	" .....	49959	" " " "	3 " ..	25	Robinhood M. Co., Calgary.	
" 2	" .....	49960	" " " "	3 " ..	25	Brackman Ker M. Co., Calgary.	
" 17	" .....	49982	Trites Wood Co., Fernie, B.C.	3 " ..	25	Medicine Hat M. Co., Medicine Hat.	
" 17	" .....	49983	" " " "	3 " ..	25	Robinhood M. Co., Calgary.	
Nov. 3	" .....	49992	Union Co-op. Assocn., Rossland.	3 " ..	25	" .....	
" 3	" .....	49993	" " " "	3 " ..	25	Centennial Mills, Skookane, Wash.	

## DISTRICT OF VICTORIA—

Oct. 29	Flour.....	57672	Windsor Grocery Co., 517 Govt. St., Victoria, B.C.	3 lbs..	12½	Royal Standard M. Co., Vancouver, B.C.	
" 29	" .....	57673	" " " "	3 " ..	12½	The Portland F. M. Co., Albany, Or.	
" 29	" .....	57677	The West End Grocery Co., Ltd., 1002 Govt. Victoria, B.C.	3 " ..	20	Vancouver M. & Grain Co., Ltd., Vancouver, B.C.	
" 29	" .....	57681	Fenerty Bros., Oak Bay Junction, Victoria, B.C.	3 " ..	15	Ogilvie F. M. Co., Medicine Hat.	
Nov. 5	" .....	57688	H. O. Kirkham, Fort st., Victoria, B.C.	714 3	15	Vancouver M. & Grain Co., Ltd., Vancouver, B.C.	

## FLOUR.

Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis.						Container.	No. of Sample.	Remarks and Opinion of the Chief Analysis.
	Moisture.	Ash.	Nitrogen.	Proteid N. x 5.7.	Nitrite react- ing Nitrogen.				
					Pta. per Million.	Calcula- ted as Na NO <sub>2</sub>			

A. C. LARIVIERE, INSPECTOR—*Concluded.*

	p. c.	p. c.	p. c.						
.....	9.82	0.38	2.02	11.50	None.	....	In paper bags.	48981	
.....	9.95	0.37	2.03	11.56	"	....	"	48982	
.....	9.27	0.48	2.34	13.32	"	....	"	48983	
.....	9.25	0.40	2.34	13.32	"	....	"	48984	
.....	9.80	0.40	2.04	11.62	Trace	....	"	48990	

## THOS. PARKER, INSPECTOR.

	p. c.	p. c.	p. c.						
Royal Household. ....	11.10	0.36	2.00	11.40	None.	....	In paper bags.	49955	
Fine Roses. ....	10.90	0.41	2.04	11.62	"	....	"	49956	
King's Quality. ....	9.75	0.45	1.84	10.48	"	....	"	49957	
Purity. ....	10.25	0.36	1.97	11.22	"	....	"	49958	
Robinhood. ....	9.90	0.38	2.07	11.79	"	....	"	49959	
Bread. ....	10.05	0.40	1.98	11.28	0.1	0.5	"	49960	
Prairie Pride. ....	10.02	0.45	2.12	12.07	0.1	0.5	"	49982	
Harvest Queen. ....	10.20	0.36	2.24	12.77	None.	....	"	49983	
Seal of Alberta. ....	10.05	0.42	2.05	11.68	0.2	1.0	"	49992	
Gold Drop. ....	9.52	0.41	1.62	9.24	None.	....	"	49993	

## D. O'SULLIVAN, INSPECTOR.

	p. c.	p. c.	p. c.						
Hungaria. ....	9.72	0.32	1.97	11.22	None.	....	In paper bags.	57672	
Snow Flake. ....	10.45	0.50	1.41	8.03	"	....	"	57673	
Wild Rose. ....	9.27	0.44	1.54	8.77	0.2	1.0	"	57677	
Royal Household. ....	9.50	0.41	1.69	9.62	None.	....	"	57681	
Royal Standard. ....	9.85	0.36	2.26	12.89	"	....	"	57688	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF VICTORIA—

1913.							
Nov.	5	Flour.....	57689 H. O. Kirkham, 714 Fort St., Victoria, B.C.	3 lbs..	15	Brackman Ker M. Co., Ltd., Victoria, B.C.	.....
"	5	" .....	57693 Copas & Young, Fort & Broad sts., Victoria, B.C.	3 " ..	15	Ogilvie F. M. Co., Ltd., Medicine Hat	.....
"	6	" .....	57694 Brackman Ker M. Co., Ltd., Broad & Sandura sts., Victoria, B.C.	3 " ..	20	Vendors .....	.....
"	6	" .....	57695 " .....	3 " ..	15	" .....	.....
"	6	" .....	57696 " .....	3 " ..	15	Western Canada F. M. Co., Ltd., Winnipeg.	.....

## FLOUR.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.					Container.	No. of Sample.	Remarks and Opinion of the Chief Analysis.
	Moisture.	Ash.	Nitrogen.	Proteid N x 5.7	Nitrite react- ing nitrogen.			
					Pta. per million. Calculat- ed as Na NO <sub>2</sub>			

D. OSULLIVAN, INSPECTOR—*Concluded.*

	p. c.	p. c.	p. c.						
Bread . . . . .	10.37	0.40	2.10	11.98	0.2	1.0	In paper bags.	57689	
Manitoba Hard Wheat.	9.91	0.41	2.18	12.42	None.		"	57693	
B. & K. Graham Flour.	9.95	1.53	2.09	11.91	"		"	57694	Whole wheat flour
B. & K. Bread . . . . .	10.40	0.38	2.00	11.40	0.2	1.0	"	57695	
Purity . . . . .	10.62	0.38	2.02	11.51	None.		"	57696	

