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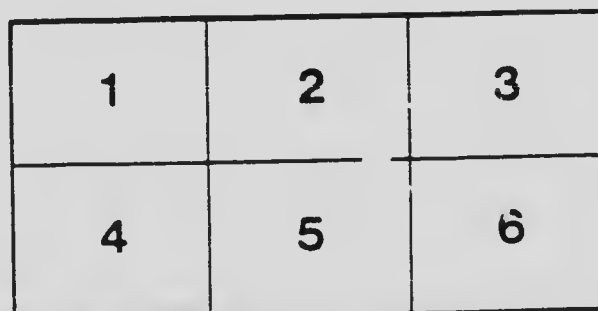
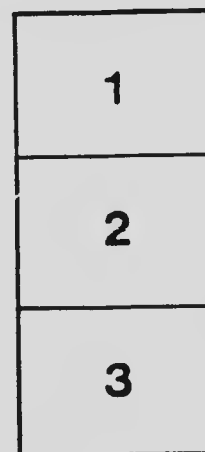
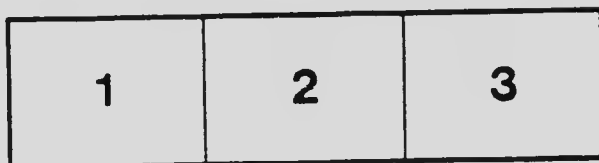
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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA.

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BULLETIN No. 264

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FERTILIZERS, 1913.

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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA.

BULLETIN No. 264

FERTILIZERS, 1913.

OTTAWA, 21st October, 1913.

WM. HIMSWORTH, Esq.,  
Deputy Minister,  
Inland Revenue.

Sir,—I beg to hand you a report upon 431 samples of Fertilizers obtained by our inspectors during March and April of this year.

The analytical work upon these has been completed for some months past; and delay in presenting this Report is due to protracted correspondence with dealers and others, in an attempt to clear up difficulties of identification, arising mainly through carelessness on the part of dealers, but in some cases due to mistakes made by our own inspectors. I cannot say that all difficulties referred to have been satisfactorily solved, and from this fact arises some degree of uncertainty in pronouncing as to the results of analysis.

So far as information is available to me, the following synopsis represents these results:—

Samples meeting their guarantee.. . . . .	358
“ nearly meeting their guarantee.. . . . .	27
“ not registered, or not sufficiently identified.. . . . .	25
“ showing deficiency.. . . . .	21
Total.. . . . .	431

When one considers the simplicity of our Fertilizers Act and the clearness with which its requirements are stated in the Act itself, together with the fact that it has now been three years in operation, it seems very strange that any difficulty should be found in carrying it quite definitely into effect. It may be well to state, in plain terms, the requirements of the Act and the conditions under which alone it can be made effective.

The Act is primarily intended to protect the purchaser of fertilizers by assuring him of the actual values of what he buys.

With this object in view we endeavour, through our inspectors, to obtain samples of all brands of fertilizers found on Canadian markets. The sample is always taken by our inspector in the presence of the vendor, whose privilege it is to see that our inspector obtains a representative sample of the fertilizer in question. Our inspector is properly instructed in the matter; but he requires to have the vendor present; and the vendor is either the manufacturer, or is an agent of the manufacturer; and as such is interested in seeing that a truly representative sample is taken.

It must not be forgotten that the results of analysis apply not to the whole output of the manufacture, but to that portion of the goods which comes into possession of the Analyst. Yet, upon the result of analysis of this portion, must be based the action of the Department; and the importance of securing a truly representative sample is therefore evident.

It is the duty of the dealer to see that he offers only a properly registered and tagged (or otherwise labelled) fertilizer for sale.

It is his duty to see that the tag is legible, and that it belongs to the very package to which it is attached.

The registration number constitutes a legal identification of the brand; and the manufacturer is responsible, inasmuch as he must furnish an article having the guaranteed values registered at the Department in connection with the number on the tag.

Any question of properly applying tags, labels or registration numbers to particular packages, must be arranged between the dealer and the manufacturer.

Our inspector's duty is to see that the package or packages from which he takes his samples, are tagged or labelled, as required by law; or, if not tagged or labelled, to report the fact to the Department. In this case, the dealer is liable to a fine of Fifty Dollars. It is further the duty of our inspectors to secure a representative sample of the goods; to divide this into three portions; to seal each portion, and to leave one of the three portions with the dealer. If he so desires, the dealer may affix his own seal to one of the three portions, in addition to the inspector's seal. The other two portions are sent to these laboratories.

While the Department recognizes that fertilizer analyses are made primarily in the interest of the user of the fertilizer, it is not forgetful of the commercial importance attaching to the publication of our results, as affecting the manufacturer and the vendor.

Identification of the brand depends upon the vendor and the inspector; the former being responsible for the correctness of the information furnished to our inspector; the latter for accurate transmission of such information to the Department.

The portion received at the laboratories is carefully sampled by an experienced man, and about eight ounces of the material bottled for the use of the analyst. When the whole series has been reported on, those samples which fail to meet guarantees are set apart.

They are transferred to new bottles (to prevent the possibility of recognition of the container) and marked with numbers, the key to which is in possession of the Chief Analyst only. They are then submitted to a second analysis, and it is only when the results of this check analysis corroborate the first results, that these are established as final.

No amount of care on the part of our officers will secure justice to a manufacturer, whose agent (the dealer) is careless. The manufacturer is required to tag or label every package of his goods.

These come into the possession of the dealer, who perhaps handles many other brands.



Tags are torn off, or labels are rendered illegible. The dealer is too often careless in re-tagging. We have many times found a sample of a complete fertilizer sold with a number which belonged to a slag, or *vice versa*, and again and again we find discrepancies between the claim corresponding to the number on the tag, and the actual results of analysis, so great as to make it certain that there is something wrong in identification of the brand. In strict law, we are justified in publishing the results in these cases, and in holding the dealer, as agent, entirely responsible for the failure of the sample, as sold by him, to meet the claim on the tag it bears.

Unfortunately, however, such action works injury to the manufacturer of the brand, who may be perfectly innocent; and involves the reputation of a manufacturer, who is in no way responsible for the particular brand in question.

I am convinced that dealers in fertilizers must be made to feel the responsibility they have both to the consumer and to the manufacturer whose goods they handle. This may be best done by strictly enforcing the penal clauses of the Act against them, in all cases in which it is clear that carelessness has caused them to blunder as above described.

Fifteen samples of this collection which were sold without any registration number, have been supplied with what are assumed to be the numbers belonging to them, as inferred from information given by vendors. In all of these cases the assumed registration numbers are placed in brackets to distinguish them from registration numbers furnished by our inspectors. In twelve of these cases, the results of analysis meet the terms of the assumed guarantee. In the remaining three cases, there is, of course, no basis on which to found any charge against the manufacturer. The identification of the brand is an assumption.

It is not fair to the manufacturer who had secured a registration number for his different brands, to assume the identity of an untagged fertilizer sample with any one of these; and this practice will be discontinued in future. The only just way of dealing with fertilizers offered for sale without tags, is to impose the maximum penalty fixed by Section 15 of the Act (Fifty Dollars) on the dealer.

I would respectfully advise publication of this report as Bulletin No. 264.

I have the honour to be, sir,

Your Obedient Servant,

A. MCGILL,

*Chief Analyst.*

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expansion of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NOVA SCOTIA—

1913.									
Mar. 20	Potato and Vegetable Phosphate	46966	F. W. Dimock, Windsor, N.S.	3 lbs.	Nil.	Bowker Co., Boston, Mass.	Mfrs		
" 20	Stockbridge Special Complete Manure for Potatoes and Vegetables.	46967	"	3 "	"	"	"		
" 20	Bowkers Square Brand Bone and Potash.	46968	"	3 "	"	"	"		
" 20	Scottish Potato Manure.	46969	C. P. Blanchard, Truro, N.S.	3 "	"	A. Cross & Son, Glasgow, Scot.			
" 20	'A' Quality Basic Slag.	46970	"	3 "	"	Cross Fert. Co., Sydney, N.S.	"		
" 20	Montreal Special Manure.	46971	H. H. McNutt, Truro, N.S.	3 "	"	Montreal Abattoirs Ltd.	"		
" 20	Gilt Edge Potato and Tobacco Manure.	46972	"	3 "	"	"	"		
" 20	Fine Bone . . . .	46973	"	3 "	"	"	"	No on tag.	iber or
April 15	Fertilizer . . . .	46974	Halifax Seed Co., Halifax, N.S.	3 "	"	Lowell Fert Co., Windsor, N.S.	Colonial Fert Co. Windsor, N.S.		
" 15	Empress Brand	46975	"	3 "	"	"	"		
" 15	Cereal Brand . . .	46976	"	3 "	"	"	"		
" 15	Ground Bone . . .	46977	"	3 "	"	"	"		
" 23	1-8-5 Brand . . .	46978	Amherst Trading Co., Amherst, N.S.	3 "	"	Dom. Fert. St. Stephen, N. B.	Mfrs . . . .		
" 23	2 & 10 Brand . . .	46979	"	3 "	"	"	"		
" 23	Basic Slag . . . .	46980	"	3 "	"	Anglo Continental Guano Works, London, Eng.	"		
" 23	Potato Manure . .	46981	R. A. Beckwith, Amherst, N.S.	3 "	"	A. Cross & Sons, Glasgow, Scot.	Mfrs . . . .		
" 25	Muriate of Potash.	46982	F. Wescott, Gasperany, N.S.	3 "	"	German Kali Works, New York	Unknown . . . .		

FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

R. J. WAUGH, INSPECTOR.

	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0	46966	Meets guarantee.
	As found	1.50	5.80	12.53	1.30	9.63	2.33	2.14	46967		
	As guaranteed	3.29	4.0	4.0	12.0	1.0	7.0	6.0	10.0	46968	"
	As found	3.5	3.45	12.25	1.48	7.18	5.70	9.50			
95	As guaranteed	1.65	2.0	4.0	2.0	1.0	7.0	6.0	2.0	46968	"
	As found	2.22	3.70	2.68	1.67	8.06	6.38	2.01			
515	As guaranteed	2.47	3.0	7.0	1.0	1.0	9.0	8.0	3.5	46969	Meets guarantee essentially, the available phosphoric acid being up to claim.
	As found	3.05	2.52	6.97	2.01	11.59	9.49	3.63			
557	As guaranteed				12.8					46970	Meets guarantee.
	As found				13.35	0.88	14.23	13.35	90.9		
556	As guaranteed		1.0				8.0	5.0		46971	"
	As found		1.5		10.21	1.96	12.20	10.24	4.56		
555	As guaranteed		3.0				7.0	10.0		46972	* Very low in potash, deficiency 8.5 per cent.
	As found		3.20		11.23	2.10	13.33	11.23	1.54		
	As guaranteed									46973	Not identified, and apparently not registered.
	As found		4.39		16.31	8.77	25.08	16.31			
803	As guaranteed	1.64	2.0	4.0	4.0	1.0	9.0	8.0	3.0	46974	Meets guarantee.
	As found	2.10	5.03	3.41	0.94	9.38	8.44	2.94			
802	As guaranteed	1.24	1.5	3.0	4.0	1.0	8.0	7.0	2.0	46975	"
	As found	1.90	4.81	2.56	1.13	8.50	7.37	2.61			
799	As guaranteed	0.82	1.0	4.0	3.0	1.0	8.0	7.0	1.0	46976	"
	As found	1.10	4.28	3.51	1.06	8.85	7.79	1.38			
463	As guaranteed	2.46	3.0				23.0			46977	"
	As found	3.64		16.90	6.65	23.55	16.90				
492	As guaranteed	0.80	1.0	6.0	2.0	1.0	9.0	8.0	5.0	46978	"
	As found	1.10	3.55	4.17	0.89	8.60	7.72	5.74			
489	As guaranteed	1.6	2.0	6.0	2.0	1.0	9.0	8.0	10.0	46979	Low in potash.
	As found	1.75	6.73	1.89	0.66	9.28	8.62	8.51			
106	As guaranteed				11.2		14.0		30.0	46980	Meets guarantee.
	As found				11.83	1.22	13.05	11.93	35.2		
339	As guaranteed	1.65	2.0				9.0	8.0	2.0	46981	"
	As found	2.43		8.16	3.54	11.70	8.16	2.55			
691	As guaranteed							48.0		46982	"
	As found							50.89			

\* Manufacturers' claims mistaken indication in the brand; should be 552 when the finding would be O.K.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NOVA SCOTIA—

1913.								
April 25	Superphosphate with Potash.	46983	Burgess & Co., Wolfville, N.S.	3 lbs.	Nil.	Bowker Co., Boston, Mass.	Mfrs	
"	25 6% Brand. . . .	46984	" " " "	3 " "	" "	" "	" "	
"	28 Pidgeons' Ground Bone.	46985	Colonial Fert. Co., Windsor, N.S.	3 " "	" "	Vendors		
"	28 Basic Slag . . . . .	46986	" " " "	3 " "	" "	Staaehman Co., Germany.	Mfrs	
"	28 Essex Potato Grower.	46987	" " " "	3 " "	" "	Vendors		
"	28 Colonial Potato Grower.	46988	" " " "	3 " "	" "	"		
"	28 Colonial Acid Phosphate.	46989	" " " "	3 " "	" "	"		
"	28 Essex Complete Manure.	46990	" " " "	3 " "	" "	"		
"	28 Bone and Phosphate.	46991	F. H. Manning, Falmouth, N.S.	3 " "	" "	Montreal abattoirs, Montreal.	Mfrs	No number on bag or tag.
"	29 Bone and Potash.	46992	A. L. Melvin & Co., Halifax, N.S.	3 " "	" "	Nova Scotia Fert. Co., Halifax, N.S.	"	
"	29 10% Potato Phosphate.	46993	" " " "	3 " "	" "	"		
"	29 Bone Meal . . . . .	46994	" " " "	3 " "	" "	"		
"	29 Potato Phosphate.	46995	" " " "	3 " "	" "	"		
"	29 Ceres Brand . . . . .	46996	" " " "	3 " "	" "	"		
"	29 Imperial Superphosphate.	46997	E. D. Smith, Dartmouth, N.S.	3 " "	" "	Prov. Chem. Co St. John, N.B.		
"	29 Potato Phosphate.	46998	" " " "	3 " "	" "	"		
"	29 Potato Manure.	46999	" " " "	3 " "	" "	"		
May	6 4-8-4 Potato Fertilizer.	47000	United Fruit Co., Berwick, N.S.	3 " "	" "	A. Cross & Sons, Glasgow Scot.		
"	7 Slag . . . . .	54101	Nova Scotia Fert. Co., Halifax, N.S.	3 " "	" "	Staaehman & Co., Germany		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst.	
		Nitrogen p.c.		Phosphoric Acid per cent.						Potash.	Fusness.		No. of Sample.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
99	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0			46983	Meets guarantee.
	As found			7.0	2.66	0.94	10.60	9.66	2.49			46984	
96	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0			46985	"
	As found		0.90	5.19	1.86	0.50	7.55	7.05	7.40			46986	
786	As guaranteed	2.47	3.00				20.00					46986	"
	As found		3.78		13.86	3.72	22.58	13.86				46986	
861	As guaranteed						17.0					46987	"
	As found				14.78	3.05	17.83	14.78		86.3		46987	
790	As guaranteed	2.46	3.0	3.0	3.0	1.0	7.0	6.0	10.0			46988	"
	As found		2.90	4.55	1.35	0.65	6.55	5.90	10.66			46988	
765	As guaranteed	3.23	4.0	3.0	3.0	1.0	7.0	6.0	10.0			46989	"
	As found		4.00	4.80	2.09	0.94	7.83	6.89	9.19			46989	
859	As guaranteed						15.0					46990	"
	As found				15.42	1.38	16.80	15.42				46990	
788	As guaranteed	3.25	4.0	3.0	3.0	1.0	7.0	6.0	10.0			46991	† Not identified and apparently not registered.
	As found		3.78	4.45	2.10	0.58	7.13	6.55	10.08			46991	
	As found				6.95	3.78	10.73	6.95	26.20			46992	Meets guarantee.
465	As guaranteed		2.0		6.0	2.0	8.0	6.0	2.0			46992	
	As found		2.80		8.16	1.14	9.30	8.16	4.68			46993	Deficient in phosphates, but excess of potash fully compensates in value.
41	As guaranteed		2.5			2.0	8.0	6.0	10.0			46994	
	As found		2.79		4.05	0.61	4.66	4.05	14.62			46994	Low in total phosphoric acid.
44	As guaranteed		3.00				23.0					46995	
	As found		3.87		12.88	8.15	21.03	12.88				46995	Meets guarantee.
38	As guaranteed		2.0			2.0	9.0	7.0	4.0			46996	
	As found		2.72		7.20	1.35	8.55	7.20	5.29			46996	"
37	As guaranteed		2.0			2.0	9.0	7.0	2.0			46997	
	As found		2.96		7.70	1.30	9.00	7.70	4.74			46997	Meets guarantee.
69	As guaranteed		3.0				10.0		1.5			46998	
	As found		3.00				11.68		1.89			46998	"
63	As guaranteed		2.5				8.0		6.0			46999	
	As found		2.70				9.03		5.97			46999	"
70	As guaranteed		2.0				7.0		4.0			47000	
	As found		2.00				8.85		3.92			47000	"
689	As guaranteed	3.29	4.0	7.0	1.0	1.0	9.0	8.0	4.0			54101	
	As found		4.10	5.58	4.00	1.77	11.55	9.53	5.21			54101	"
47	As guaranteed						14.0	12.0				84.9	
	As found				13.76	0.69	14.45	13.76				84.9	

\* Samples, assumed to be duplicates, give respectively 9.81 and 8.57 potash, mean value, 9.19.

† Vendor claims was not for sale but for own use.

Registration Number.	Analysis of Sample.	Results of Analysis.								Remarks and Opinion of the Chief Analyst.			
		Nitrogen p.c.		Phosphoric Acid per cent.					Total Available.		Futash.	Fineness.	No. of Sample.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.	Total.						

DISTRICT OF PRINCE EDWARD ISLAND—

1913.											
Apr. 16	Superphosphate	46424	Auld Bros., Charlottetown, P.E.I.	3 lbs.	Nil.	Thos. Vickers & Son, Manchester, Eng.					
" 16	Nitrate of Soda.	46425	" "	3 "	"	The Am. Agr. Chem. Co., Weymouth, Mass.					
" 16	Sulphate of Potash.	46426	" "	3 "	"	German Kali Works, Leopoldshall, Strassfurt.					
" 16	Muriate of Potash.	46427	" "	3 "	"	"					
" 16	Swans Thomas Phosphate.	46428	" "	3 "	"	Swan Bros. Wks., Wigan, Eng.					
" 16	Sure Growth....	46429	" "	3 "	"	Montreal Abattoirs Ltd., Montreal.					
" 16	Montreal Special Potato Manure.	46430	" "	3 "	"	"					
" 17	Corn and Cereal Special.	46431	" "	3 "	"	"					
" 19	Early Fruit and Vegetable Grower.	46432	" "	3 "	"	"					
" 19	Git Ege Potato and Tobacco Manure.	46433	Auld Bros., Charlottetown, P.E.I.	3 "	"	Montreal Abattoirs Ltd., Montreal.					
May 7	Nitrate of Soda.	46434	J. H. Gill, Charlottetown, P.E.I.	3 "	"	Alex. Cross & Sons, Ltd., Glasgow.					
" 7	Superphosphate.	46435	" "	3 "	"	"					
" 10	Muriate of Potash.	46436	" "	3 "	"	German Kali Works, Leopoldshall, Strassfurt, Germany.					

DISTRICT OF NEW BRUNSWICK—

Mar. 17	Bowker's 6 %...	50301	D. J. Seely & Son, St. John, N.B.	3 jars.	10	Bowker Fert. Co., Boston, Mass.					
" 17	Stockbridge complete Manure for Potatoes and Vegetables.	50302	" "	3 "	10	"					

\* Warehouse men only.

FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.						Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.				

WM. A. WEEKS, INSPECTOR.

		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
321	As guaranteed	...	...	...	...	...	...	16.0	...	...	46424	Meets guarantee.
	As found	...	...	17.50	0.45	0.53	18.50	17.97	...	...		
179	As guaranteed	15.0	18.23	...	...	...	...	...	...	...	46425	"
	As found	...	18.20	...	...	...	...	...	...	...		
306	As guaranteed	...	...	...	...	...	...	48.0	...	...	46426	"
	As found	...	...	...	...	...	...	47.80	...	...		
305	As guaranteed	...	...	...	...	...	...	50.0	...	...	46427	"
	As found	...	...	...	...	...	...	48.96	...	...		
323	As guaranteed	...	...	...	11.20	2.80	14.0	11.20	...	...	46428	"
	As found	...	...	...	11.53	3.25	14.78	11.53	...	86.0		
551	As guaranteed	...	1.0	...	...	...	...	8.0	1.0	...	46429	"
	As found	...	2.20	...	8.31	1.49	9.80	8.31	2.12	...		
556	As guaranteed	...	1.0	...	...	...	...	8.0	1.0	...	46430	Much above guarantee in potash.
	As found	...	1.20	...	8.65	1.70	10.35	8.65	5.87	...		
552	As guaranteed	...	2.0	...	...	...	...	8.0	2.0	...	46431	Meets guarantee.
	As found	...	2.00	...	8.81	3.34	12.15	8.81	2.59	...		
653	As guaranteed	...	4.0	...	...	...	...	6.0	4.0	...	46432	"
	As found	...	4.30	...	8.14	3.16	11.30	8.14	5.57	...		
555	As guaranteed	...	3.0	...	...	...	...	7.0	10.0	...	46433	* Low in potash.
	As found	...	3.10	...	9.53	3.57	13.10	9.53	6.32	...		
174	As guaranteed	15.5	18.8	...	...	...	...	...	...	...	46434	Meets guarantee.
	As found	...	18.30	...	...	...	...	...	...	...		
327	As guaranteed	...	...	16.0	...	...	...	...	...	...	46435	"
	As found	...	...	16.86	...	1.24	18.10	16.86	...	...		
691	As guaranteed	...	...	...	...	...	...	48.0	...	...	46436	"
	As found	...	...	...	...	...	...	48.38	...	...		

J. C. FERGUSON, INSPECTOR.

96	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0	...	50301	Meets guarantee.
	As found	...	1.10	4.00	3.48	1.02	8.50	7.48	5.22	...		
88	As guaranteed	3.29	4.0	4.0	2.0	1.0	7.0	6.0	10.0	...	50302	Nearly meets guarantee.
	As found	...	3.20	4.50	2.54	1.71	8.75	7.04	8.92	...		

\* Manufacturers claim as accidental.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NEW BRUNSWICK—

1913.								
Mar.	17 Sure Crop .....	50303	D. J. Seely & Son, St. John, N.B.	3 jars.	10	Bowker Fert Co., Boston, Mass.		
"	17 Farm and Gar- den.	50304	" " "	3 "	10	"		
"	17 Square Brand...	50305	" " "	3 "	10	"		
"	17 Bowker's Potato and Vegetable Phosphate.	50306	" " "	3 "	10	"		
"	22 10% Complete Aroostook.	50307	The Prov. Chem. Fert. Co., Ltd., St. John, N.B.	3 "	10	Vendors		
"	22 Complete Potato Grower.	50308	" " "	3 "	10	"		
"	22 Special Potato Phosphate.	50309	" " "	3 "	10	"		
"	22 Potato Manure.	50310	" " "	3 "	10	"		
"	22 Imperial Super- phosphate.	50311	The Prov. Chem. Fert. Co., Ltd., St. John, N.B.	3 "	10	Vendors		
"	22 Blood Bone and Potash.	50312	" " "	3 "	10	"		
"	22 Victor Guano...	50313	" " "	3 "	10	"		
Apr.	10 4-6-10.....	50314	Dom. Fert. Co., Ltd., St. Stephen, N.B.	3 "	10	"		
"	10 3 6-10 .....	50315	" " "	3 "	10	"		
"	10 2-8-10 .....	50316	" " "	3 "	10	"		
"	10 2-9-5.....	50317	" " "	3 "	10	"		
"	10 Bradley's X.L.	50318	Hill Bros., St. Stephen, N.B.	3 "	10	Am. Agr. Chem. Co., Boston, Mass.		
"	10 Bradley's Potato Manure.	50319	" " "	3 "	10	"		
"	15 10 p.c. Potato Phosphate.	50320	Byron Brewer, Fredericton, N.B.	3 "	10	Nova Scotia Fert. Co., Halifax, N.S.		
"	15 Potato Phos- phate.	50321	" " "	3 "	10	"		
"	15 Special Potato Phosphate.	50322	" " "	3 "	10	"		
"	15 High Grade Po- tato Phosphate	50323	" " "	3 "	10	"		
"	16 Harab.....	50324	Benn & Turney, Woodstock, N.B.	3 "	Nil.	The Harris Abatt or Co., Ltd., Toronto		



FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst.	
		Nitrogen p.c.		Phosphoric Acid per cent.						Potash.	Fineness.		No. of Sample.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					

Continued.

773	As guaranteed	0.82	1.0	7.0	2.0	1.0	10.0	9.0	2.0	.....	50303	Meets guarantee.
	As found	1.10	6.65	2.57	1.16	10.38	9.22	2.69	.....	50304		
94	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0	.....	50304	"
	As found	2.80	5.75	3.24	1.24	10.23	8.99	2.42	.....	50305		
95	As guaranteed	1.65	2.90	4.0	2.0	1.0	7.0	6.0	2.0	.....	50305	"
	As found	2.27	1.51	2.96	0.98	8.45	7.47	2.49	.....	50306		
92	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0	.....	50306	"
	As found	1.97	5.53	2.46	1.64	9.63	7.99	2.21	.....	50307		
65	As guaranteed	.....	4.0	.....	.....	.....	8.0	.....	10.0	.....	50307	"
	As found	.....	3.75	.....	.....	.....	7.55	.....	11.00	.....	50308	
64	As guaranteed	.....	3.0	.....	.....	.....	6.0	.....	10.0	.....	50308	"
	As found	.....	3.20	.....	.....	.....	5.60	.....	10.72	.....	50309	
63	As guaranteed	.....	2.5	.....	.....	.....	8.0	.....	6.0	.....	50309	"
	As found	.....	2.50	.....	.....	.....	7.50	.....	6.23	.....	50310	
70	As guaranteed	.....	2.0	.....	.....	.....	7.0	.....	4.0	.....	50310	"
	As found	.....	2.00	.....	.....	.....	7.25	.....	3.88	.....	50311	
69	As guaranteed	.....	3.0	.....	.....	.....	10.0	.....	1.5	.....	50311	"
	As found	.....	3.00	.....	.....	.....	9.88	.....	2.12	.....	50312	
71	As guaranteed	.....	2.0	.....	.....	.....	7.0	.....	4.0	.....	50312	"
	As found	.....	2.10	.....	.....	.....	7.10	.....	4.34	.....	50313	
68	As guaranteed	.....	2.0	.....	.....	.....	7.0	.....	2.5	.....	50313	"
	As found	.....	2.20	.....	.....	.....	6.90	.....	2.12	.....	50314	
487	As guaranteed	3.3	4.0	4.0	2.0	1.0	7.0	6.0	10.0	.....	50314	"
	As found	.....	3.90	4.31	1.02	7.63	6.61	10.62	.....	50315		
488	As guaranteed	2.4	3.0	4.0	2.0	1.0	7.0	6.0	10.0	.....	50315	"
	As found	.....	2.90	1.70	4.08	0.95	6.73	5.78	14.06	.....	50316	
489	As guaranteed	1.6	2.0	6.0	2.0	1.0	9.0	8.0	10.0	.....	50316	"
	As found	.....	2.00	7.13	1.29	0.91	9.33	8.42	10.16	.....	50317	
490	As guaranteed	1.6	2.0	7.0	2.0	1.0	10.0	9.0	5.0	.....	50317	"
	As found	.....	2.25	3.47	5.45	1.32	10.20	8.88	4.96	.....	50318	
2	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5	.....	50318	"
	As found	.....	2.35	4.68	3.60	0.90	9.18	8.28	1.56	.....	50319	
	As guaranteed found	2.27	3.0	4.0	2.0	1.0	7.0	6.0	5.0	.....	50319	"
	As found	.....	2.80	3.50	2.71	0.99	7.20	6.21	5.13	.....	50320	
	As guaranteed	.....	2.5	.....	.....	.....	8.0	6.0	10.0	.....	50320	Meets guarantee value. Compensated.
	As found	.....	2.50	.....	4.85	0.73	5.64	4.85	11.72	.....	50321	
38	As guaranteed	.....	2.0	.....	.....	2.0	9.0	7.0	4.0	.....	50321	Meets guarantee.
	As found	.....	2.80	.....	6.55	1.09	7.67	6.68	4.54	.....	50322	
40	As guaranteed	.....	2.5	.....	.....	2.0	8.0	6.0	7.0	.....	50322	Low in phosphoric acid. Meets guarantee in value. Compensated.
	As found	.....	2.50	.....	5.40	0.75	6.15	5.40	7.65	.....	50323	
36	As guaranteed	.....	4.0	.....	.....	2.0	8.0	6.0	10.0	.....	50323	Meets guarantee.
	As found	.....	3.90	.....	5.93	1.17	7.10	5.93	11.74	.....	50324	
695	As guaranteed	.....	4.0	.....	.....	.....	7.0	6.0	13.0	.....	50324	"
	As found	.....	3.80	.....	7.56	1.04	8.60	7.56	11.12	.....	50324	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF NEW

N. 1913.								
April 18	3-6-10.....	50325	Porter Manzer Co., Woodstock, N.B.	3 jars.	Nil.	Int. Agr. Corporation, Buffal. Fert. Wks		
" 18	Thomas Phosphate Powder.	50326	J. Warren Jamer, Andover, N.B.	3 "	10	H & E Albert, London, Eng.		
" 23	Bone Meal.....	50327	Mills Eveleigh Co., Ltd., Sussex, N.B.	3 Jars	10	Dom. Fert. Co., St. Stephen, N.B.		
" 23	Basic Slag, "A" Quality.	50328	"	3 "	10	The Cross Fert. Co., Ltd., Sydney, N.S.		
" 23	2-8-2.....	50329	"	3 "	10	Dom. Fert. Co., St. Stephen, N.B.		
" 23	Ground Bone...	50330	Sussex Mercantile Co., Ltd., Sussex, N.B.	3 "	10	New England Fert. Co., Windsor, N.S.		
" 23	Potato Fertilizer	50331	"	3 "	10	"		
" 23	Corn and Grass..	50332	"	3 "	10	"		
June 4	Basic Slag.....	50333	Walter K. Reade, Melrose, N.B.	3 "	Nil.	Glengarnock Phosphate Wks, Glengarnock.	Woodford Allen, Upper Cape, N.B.	Stencilled on bag, 24% Sol. Phos- phates.
" 4	Basic Slag.....	50334	"	3 "	"		Rich. Joyce, Melrose, N.B.	
" 4	Basic Slag....	50335	Job Fillmore, Port Elgin, N.B.	3 "	"		Colonial Fertilizer Co., Windsor, N.S.	
" 5	Basic Slag.....	50336	Isaac Winslow Kaye, Little She- mogue, N.B.	3 "	"	The Cross Fert. Co., Ltd., Sydney, N.S.		

\* (24 per cent. Soluble phosphates) = 15 p.c.  $P_2O_5$ .

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid, or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## BRUNSWICK—Concluded.

		p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
552	As guaranteed	2.46	3.0	4.0	2.0	1.0	7.0	6.0	10.0	.....	50325	Meets guarantee.
	As found	.....	2.60	1.35	4.76	0.97	7.08	6.11	10.03	.....	.....	
1	As guaranteed	.....	.....	.....	12.0	.....	15.0	.....	.....	.....	50326	"
	As found	.....	.....	.....	14.88	1.02	15.90	14.88	.....	86.6	.....	
572	As guaranteed	2.46	3.0	.....	.....	.....	2.0	.....	.....	.....	50327	"
	As found	.....	3.37	.....	16.33	7.20	23.53	16.33	.....	.....	.....	
557	As guaranteed	.....	.....	.....	12.80	.....	.....	.....	.....	.....	50328	Meets guarantee.
	As found	.....	.....	.....	13.08	0.72	13.80	13	.....	81.0	.....	
491	As guaranteed	1.6	2.0	6.0	2.0	1.0	9.0	8.0	2.0	.....	50329	Meets guarantee.
	As found	.....	1.92	3.45	4.85	1.10	9.40	8.30	2.28	.....	.....	
93	As guaranteed	1.65	2.0	6.00	2.00	1.00	9.00	8.00	2.00	.....	50330	Apparently some mistake in identification or description. Is of full guaranteed value.
	As found	.....	4.07	.....	13.85	5.55	19.40	13.85	.....	.....	.....	
814	As guaranteed	1.64	2.0	4.0	3.0	1.0	8.0	7.0	4.0	.....	50331	Meets guarantee.
	As found	.....	2.65	5.00	1.86	1.02	7.88	6.86	3.94	.....	.....	
815	As guaranteed	0.82	1.0	4.0	3.0	1.0	8.0	7.0	1.0	.....	50332	Meets guarantee.
	As found	.....	1.50	5.75	2.29	1.31	9.35	8.04	2.52	.....	.....	
*254	As guaranteed	.....	.....	.....	.....	.....	.....	.....	.....	85.0	50333	Meets guarantee.
	As found	.....	.....	.....	14.58	0.27	14.85	14.58	.....	85.2	.....	
.....	As found	.....	.....	.....	14.28	1.97	16.25	14.28	.....	79.3	50334	Not identified, and apparently not registered. Said to be purchased as samples only by Mr. Reade and not for sale.
862	As guaranteed	.....	.....	.....	.....	.....	16.0	.....	.....	80.0	50335	Meets guarantee.
	As found	.....	.....	.....	14.45	1.43	15.88	14.45	.....	81.4	.....	
557	As guaranteed	.....	.....	.....	12.8	.....	.....	.....	.....	.....	50336	Meets guarantee.
	As found	.....	.....	.....	12.13	0.43	12.56	12.13	.....	94.8	.....	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF QUEBEC—

1913.								
Mar.	26	Capital.....	37023	George Tanguay, Quebec.	3 Lbs.	Nil.	Vendor.....	
"	26	Jupiter.....	37024	"	3 "	"	"	
"	26	Phoenix.....	37025	"	3 "	"	"	
"	26	Monarch.....	37026	"	3 "	"	"	
"	26	Union.....	37027	"	3 "	"	"	
"	26	Nestor.....	37028	George Tanguay, Quebec.	3 "	"	Vendor.....	
"	26	Celtic.....	37029	"	3 "	"	"	
"	27	Muriate of Pot. ash.	37030	J. B. Reneaud & Cie, Quebec.	3 "	"	British Oil and Cake Mills, Liverpool.	
"	26	Globe.....	37031	George Tanguay, Quebec.	3 "	"	Vendor.....	
"	27	Nitrate of Soda.	37032	J. B. Reneaud & Cie, Quebec.	3 "	"	British Oil and Cake Mills, Liverpool.	
"	27	Sulphate of Pot. ash.	37033	"	3 "	"	"	
"	27	Basic Slag.....	37034	"	3 "	"	"	
April	18	Defiance.....	37036	P. T. Logare, Ltd., Quebec.	3 "	"	Mich. Carbon Wks Detroit	Mfrs.....
"	18	Thomas Phos- phate Basic Slag.	37037	"	3 "	"	Cross Fert. Co., Ltd., Sydney, N.S.	"
"	18	Fruit and Vine..	37038	"	3 "	"	Mich. Carbon Wks. Detroit	"
"	18	Virginia Tobacco	37039	"	3 "	"	"	"
"	18	High Grade Gar- den and Veget- able.	37040	"	3 "	"	"	"
"	18	Royal Canadian.	37041	"	3 "	"	Cap. Chem. and Fert. Co., Buck- ingham.	"
"	18	Victor.....	37042	"	3 "	"	"	"
"	23	North Western Canadian Pot- ash Fertilizer.	37043	Eug. Julien & Cie, Ltd., Quebec.	3 "	"	The Am. Agr. Chem. Co., Buffalo, N.Y.	"

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Firmness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

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

511	As guaranteed	4.0	5.0					8.0	6.0		37023	Low in phosphoric acid, but meets guarantee in value. Compensated.
	As found		5.70		6.17	5.66	6.83	6.17	9.03			
510	As guaranteed	2.06	2.5					8.0	5.0		37024	Meets guarantee.
	As found		4.30		8.35	1.23	9.58	8.35	7.58			
518	As guaranteed	2.47	3.0					6.0	7.0		37025	Meets guarantee.
	As found		3.00		9.40	1.08	10.48	9.40	7.60			
682	As guaranteed	1.67	2.0					9.0	8.0		37026	Low in potash, but meets guarantee in value. Compensated.
	As found		1.50		11.13	1.43	12.53	11.13	6.70			
507	As guaranteed	2.47	3.0					8.0	3.5		37027	Meets guarantee.
	As found		2.15		9.13	1.32	10.45	9.13	5.20			
683	As guaranteed	1.65	2.0					8.0	3.0		37028	Meets guarantee.
	As found		1.50		7.98	1.25	9.23	7.98	4.69			
512	As guaranteed							10.0	5.0		37029	Evidently mistake in identification.
	As found				14.64	3.61	18.25	14.64		82.5		
443	As guaranteed								50.0		37030	Meets guarantee.
	As found								49.21			
547	As guaranteed							18.0			37031	Evidently mistake in identification.
	As found				10.66	1.14	11.80	10.66	6.73			
273	As guaranteed	15.0	18.5								37032	Meets guarantee.
	As found		18.00									
299	As guaranteed								48.0		37033	"
	As found								48.18			
302	As guaranteed										37034	"
	As found				15.4	3.85	19.25					
203	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		37036	"
	As found		2.18	4.50	1.74	10.33	8.59	2.52				
591	As guaranteed										37037	"
	As found				13.6	1.30	16.48	15.1		85.5		
212	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	10.0		37038	"
	As found		2.25	6.58	1.91	1.24	9.73	8.49	10.79			
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		37039	"
	As found		2.0	5.00	3.23	1.37	9.60	8.23	3.77			
210	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	6.0		37040	"
	As found		2.16	7.05	1.49	1.31	9.85	8.54	6.41			
84	As guaranteed		4.0					9.0	5.0		37041	"
	As found		4.31					9.43	6.37			
83	As guaranteed		2.0					7.0	3.0		37042	"
	As found		1.72					9.65	3.36			
335	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0		37043	"
	As found		1.00	2.12	4.01	1.02	7.15	6.13	7.06			

Date of Collection.	Designation.	No. of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF

1913.								
April 23	Thomas Phosphate Flour.	37044	Eug. Julien & Cie., Ltd., Quebec.	3 lbs.	Nil.	The Leeds Mfrs. Phosphate Wks, Leeds, Eng.		
" 23	North Western Complete Manure.	37045	" "	3 "	"	The Am. Agr. Chem. Co., Buffalo, N. Y.		
" 18	North Western Havana Tobacco Grower.	37046	" "	3 "	"	"		
" 18	Julien's Special Canadian Fertilizer.	37047	" "	3 "	"	"		
" 18	North Western High grade Potash Fertilizer.	37048	" "	3 "	"	"		
" 18	Thomas Phosphate Meal.	37049	" "	3 "	"	Glengarnock Phosphate Wks, Leeds, Eng.		

DISTRICT OF THREE RIVERS—

April 7	Fertilizer.....	57251	I. A. Couin, St. Felix de Valois.	4 lbs.	20			
" 7	Bowkers Super-phosphate with Potash.	57252	" "	4 "	30			
" 7	Thomas Phosphate.	57253	" "	4 "	40			
" 11	Victor. ....	57254	Frs. Rivest, Joliette.	4 "	10	Cap. Chem. & Fert. Co., Buckingham		
" 14	Guano.....	57255	Chevalier et Fils, Joliette.	4 "	20			
" 14	Grain Fertilizer.	57256	" "	4 "	10			
" 14	Victor. ....	57257	E. Goulet et Fils, St. Jacques.	3 "	6	Cap. Chem. & Fert. Co., Buckingham		
" 14	Fertilizer. ...	57258	A. M. Melancon, St. Jacques.	4 "	10			

FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.								Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.									
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Ostrate Soluble.	Insoluble.	Total.	Total Available.					

QUEBEC—Continued.

253	As guaranteed				13.5		18.0					80.0					
	As found.....				13.25	4.20	17.45	13.25				90.1					ets guaranteed
226	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	1.0	3.0								
	As found.....	2.3	5.70	2.20	1.68	9.58	7.90	2.81									
686	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0								
	As found.....	2.1	6.60	1.49	1.29	9.38	8.09	3.90									
685	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	3.0								
	As found.....	2.11	3.83	5.29	1.53	10.65	9.12	3.30									
687	As guaranteed	0.82	1.0	4.0	1.0	1.0	6.0	5.0	10.0								
	As found.....	1.7	1.98	4.35	0.87	7.20	6.33	10.19									
254	As guaranteed				13.5		18.0					85					
	As found.....				13.98	2.86	16.84	13.98				96					As guaranteed early

DR. V. P. LAVALLEE, INSPECTOR.

419	As guaranteed	2.47	3.0		5.0	1.0	6.0	5.0	10.0			57					
	As found.....				9.05	4.50	13.55	9.05			6						ntifi
402	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0			57					
	As found.....			10.35	2.83	2.87	16.05	13.18	0.70								
338	As guaranteed				12.0	2.0	14.0					572					
	As found.....				5.86	2.14	8.00	5.86	8.69								
(83)	As guaranteed		2.0				7.0		3.0			57254					
	As found.....		2.40				10.48		3.38								As guaranteed.
65	As guaranteed		4.0				8.0		10.0			57255					
	As found.....		1.91		7.46	1.09	8.55	7.46	10.68								Not properly identified. Inspectors mistake
65	As guaranteed		4.0				8.0		10.0			57256					
	As found.....		0.60		11.88	1.42	13.30	11.88	10.22								Not identified. Inspector's mistake.
(83)	As guaranteed		2.0				7.0		3.0			57257					
	As found.....		2.1				11.0		3.59								Meets guarantee.
65	As guaranteed		4.0				8.0		10.0			57258					
	As found.....		1.80		6.85	0.83	7.68	6.85	10.54								Not identified. Inspector's mistake.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 11	Victor.....	57259	Laurion, L'Epi-phanie.	3 lbs.	10	Cap. Chem. & Fert. Co., Buckingham		
" 18	Fertilizer ..	57260	L. Provost, L'Epi-phanie.	3 "	10	Lesage Packing & Fert. Co., Montreal		
" 18	Mich. Carbon Wks. Complete Fertl.	57261	Simon Forest, L'Epi-phanie.	3 "	20	The Am. Agr. Chem. Co., Buffalo, N. Y.		
" 18	Mich. Carbon Wks. Virginia Tobacco.	57262	"	3 "	20	"		
" 18	Thomas Phosphate.	57263	I. A. Marion, St. Jacques.	3 "	20			
" 18	Fertilizer.....	57264	"	3 "	20	The Am. Agr. Chem. Co., New York.		
" 18	N. W. Havana Tobacco grower	57265	"	3 "	15	The Am. Agr. Chem. Co., Buffalo, N. Y.		
" 18	Fertilizer .....	57266	I. P. Charlebois, L'Assomption.	4 "	10	Lesage Packing Fert. Co., Montreal.		
"	" .....	57267	"	1 "	10	"		
" 18	N. Western Complete Havana Grower.	57268	Louis Pauze, L'Assomption.	4 "	25	Am. Agr. Chem. Co., Buffalo, N. Y.	Eugene Julien, Quebec.	
" 18	N. Western Complete Havana.	57269	"	4 "	15	"	"	
" 18	Fertilizer.....	57270	"	4 "	15	"	"	
" 18	" .....	57271	T. Brazeau, L'Assomption.	4 "	20	"	Dupuy & Ferguson, Montreal.	
" 18	" .....	57272	"	4 "	20	Lesage Packing Fert. Co., Montreal.		
" 18	Eng. Virginia Complete Fert.	57273	Bedard et Cie, L'Assomption.	3 "	25	"	P. T. Legare, Quebec.	
" 18	" .....	57274	"	3 "	25	"	"	
" 28	Crockers High-Grade Special Fertilizer.	57275	La. Alexis Piette, Berthier.	4 "	20	Am. Agr. Chem. Co., New York.		
" 28	Mich. Carbon Wks. Complete Fertilizer.	57276	Pierre Beaudoin, Berthier.	4 "	20	Mich. Carbon Wks. Buffalo N. Y.		



FERTILIZERS AS SOLD.

Registration Number	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Phosphoric Acid per cent.				Total Available.				
				% Nitrogen p.c.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.					

THREE RIVERS—Continued.

(83) As guaranteed	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
As found	2 0	2 00				7 0	3 0			57259	Meets guarantee.
149 As guaranteed	2 47			6 0	1 0	6 0	5 0	10 0		57260	Meets guarantee
As found	2			5 59	2 11	7 70	5 59	10 22			
205 As guaranteed	1 65	2 0	0	2 0	1 0	9 0	8 0	4 0		57261	Meets guarantee.
As found		2 35	5 23	2 78	1 52	9 53	8 01	4 23			
207 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57262	Meets guarantee.
As found		2 10	3 25	5 36	1 19	9 80	8 61	4 36			
233 As guaranteed						18 0			80 0	57263	Meets guarantee.
As found				14 93	5 70	20 63	14 93		86 3		
687 As guaranteed	0 82	1 0	4 0	1 0	1 0	6 0	5 0	10 0		57264	Meets guarantee.
As found		1 10	3 65	2 09	0 96	6 70	5 74	10 40			
686 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57265	Meets guarantee.
As found		2 30	6 90	1 53	1 20	9 63	8 43	4 17			
448 As guaranteed	1 65	2 0		5 0	1 0	6 0	5 0	7 0		57266	Meets guarantee.
As found		1 75		6 94	1 34	8 28	6 94	7 20			
331 As guaranteed	1 0	1 25		5 0	1 0	6 0		3 0		57267	Meets guarantee.
As found		1 10		5 55	1 23	6 78	5 55	3 96			
226 As guaranteed	2 06	2 5	6 0	2 0	1 0	9 0	8 0	3 0		57268	Meets guarantee.
As found		2 50	4 70	4 55	2 30	11 55	9 25	3 13			
686 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57269	Evident mistake
As found				12 45	5 40	17 85	12 45		88 4		in identification
686 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57270	Meets guarantee.
As found		2 10	6 58	1 62	1 48	9 68	8 20	4 48			
259 As guaranteed	0 82	1 0	6 0	2 0	1 0	9 0	8 0	4 0		57271	Much below guarantee
As found		1 20	0 21	4 22	0 72	5 15	4 43	0 30			in phosphoric acid and potash but not certainly identified.
446 As guaranteed	1 65	2 0		5 0	1 0	6 0	5 0	2 0		57272	Meets guarantee.
As found		2 00		4 78	1 22	6 00	4 78	2 09			
206 As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57273	Meets guarantee.
As found		2 25	3 63	5 05	1 35	10 03	8 68	4 11			
209 As guaranteed	1 65		6 0	2 0	1 0	9 0	8 0	5 0		57274	Meets guarantee.
As found				3 67	1 65	10 55	8 90	4 22			
261 As guaranteed	1 6	2 0	6 0	2 0	1 0	9 0	8 0	4 0		57275	Meets guarantee.
As found		1 16	6 5	3 3	1 24	10 58	9 34	3 94			
206 As guaranteed	1 65	2 0	5 0	2 0	1 0	9 0	8 0	4 0		57276	" "
As found		2 10	4 83	3 41	1 34	10 58	8 25	3 91			

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 28	Thomas phosphate.	Phos.	57277	L. N. Tourdain, Trois-Rivières.	3 lbs.	25	The Cross, Fort. Co., Sydney, N.S.	P. T. Légaré, Quebec.
May 5	Thomas phosphate.	Phos.	57278	S. G. Laviolette, St. Jérôme.	3 "	Nil.	Thos. Phos- phate, Leeds, Eng.	E. Julien...
" 5	Fertilizer		57279	" "	3 "	"	Leeds Phos- phate Wks., Leeds, Eng.	"
" 5	Mich. Carbon Works High Grade Garden and Vegetable Fertilizer.	Carbon	57280	Moïse Dubois, St. Thérèse.	3 "	15	Am. Agr. Chem. Co., Buffalo, N. Y.	"
" 5	Mich. Carbon Wks. Complete Fertilizer.	Carbon	57281	" "	3 "	15	" "	"
" 5	Bowkers Potato & Veg. Phosphate.	Potato & Veg. Phosphate.	57282	Alex. MacMillin, St. Thérèse.	3 "	15	Bowker Fert. Co., Bayway, N. J.	"
" 5	Bowkers Canadian Tobacco Special.	Canadian Tobacco Special.	57283	Alex. McCubbin.	3 "	15	" "	"
" 5	Bowkers Potato & Veg. Fertil.	Potato & Veg. Fertil.	57284	" "	3 "	15	" "	"
" 5	Bowkers Potato Fertilizer.	Potato Fertilizer.	57285	" "	3 "	15	" "	"
" 21	Thomas phosphate.	Phos.	57286	Edouard Valin, St. Augustin, Port-neuf.	3 "	Nil.	Anglo-Canadian Chem. Co.	"
" 21	Fertilizer.		57287	" "	3 "	"	German Kali Wks., New York.	"
" 22	"		57288	I. B. Ferland, Sorel.	3 "	"	Lesage Packing & Fert. Co., Montreal.	"
" 22	"		57289	" "	3 "	"	" "	"

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.			Phosphoric Acid per cent.							
		Total, including that of Nitric Acid or Ammonia if present.	Total : Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## THREE RIVERS—Continued.

(591)	As guaranteed				13.6					80.0	57277	Meets guarantee
	As found				13.63	1.10	14.73	13.63		86.0		
253	As guaranteed						18.0			80.0	57278	" "
	As found				15.85	4.10	19.95	16.85		93.6		
253	As guaranteed						18.0			80.0	57279	Evident mistake in identification. The sample is not a slag.
	As found				6.70	1.05	7.75	6.70	6.22			
(210)	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	6.0		57280	Low in potash. Uncertain identification.
	As found		2.25	5.85	2.60	1.50	9.95	8.45	4.43			
296	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		57281	Meets guarantee.
	As found		2.15	5.21	2.96	1.59	9.83	8.24	7.45			
(468)	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0		57282	" "
	As found		1.50	3.53	3.58	1.74	8.85	7.11	5.75			
506	As guaranteed	1.65	2.00	6.0	2.0	1.0	9.0	8.0	4.0		57283	Low in potash.
	As found		2.30	4.15	4.65	2.23	11.03	8.80	1.95			
550	As guaranteed	2.47	3.0	6.0	2.0	1.0	9.0	8.0	4.0		57284	"
	As found		2.23	5.88	3.23	1.97	11.08	9.11	2.18			
405	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0		57285	Deficient in potash but fully compensated by excess of nitrogen and phosphoric acid. May be a mistake in identification of the brand.
	As found		3.30	5.88	3.23	1.97	11.08	9.11	4.24			
1	As guaranteed				12.0		15.0				57286	Meets guarantee.
	As found				12.68	2.12	14.80	12.68				
691	As guaranteed								48.00		57287	" "
	As found								51.36			
446	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	2.0		57288	" "
	As found		1.30		5.08	1.77	6.85	5.08	5.37			
447	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	5.0		57289	" "
	As found		2.12		5.62	2.23	7.85	5.62	6.33			

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expansion of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF

1913.								
May	27	Mich. Carbon Virg. Tobacco Fertilizer.	57290	P. Contant, St. Alexis.	3 lbs.	15	Mich. Carbon Works, Buffalo, N. Y.	
"	27	Mich. Carbon, Bone and Potash Fertilizer.	7291	"	"	"	"	
"	29	Fertilizer.	57292	D. Dupuis & Fils, St. George, P.Q.	"	"		
"	29	"	57293	"	"	"	"	
"	29	"	57294	"	"	"	"	
"	29	"	57295	"	"	"	Gerran Kali Works, Berlin.	
"	29	"	57296	I. E. Dupuis, St. George, P.Q.	"	"	Mich. Carbon Works, Buffalo, N. Y.	
"	29	Mich. Carbon, North West'n Havana Tobacco Fertilizer.	57297	"	"	"	"	I. E. Julien, Quebec.
"	30	Victor.	57298	Jos. Alexis Piette, Berther.	"	Nil	Cap. Chem. and Fert. Co., Buckingham	
"	30	Eureka.	57299	"	"	"	"	
June	2	Mich. Carbon Works, Virg. Tobacco Fertilizer.	57300	Henri Leblanc, St. Jacques.	"	5	Am. Agr. Chem. Co., New York.	
"	2	Fertilizer.	58401	"	"	Nil	"	
"	9	North Western Havana Tobacco Grower.	58902	Alexandre Varin, St. Alexis.	"	"	"	
"	7	High Grade Potato Phosphate	58903	Thomas Durval, St. Esprit.	"	"	Nova Scotia Fert. Co.	

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total, including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## THREE RIVERS--Continued.

297	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	57290	Meets guarantee.
	As found.....	.....	2.20	4.90	4.18	1.42	10.60	9.08	4.35	.....	.....	
205	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	57291	"
	As found.....	.....	2.10	5.13	2.63	1.44	9.20	7.76	4.07	.....	.....	
53	As guaranteed	.....	1.0	.....	.....	.....	.....	9.0	2.0	.....	57292	Low in available phosphoric acid, compensated by excess potash. Probable mistake in identification.
	As found.....	.....	1.20	.....	5.95	1.38	7.33	5.95	3.49	.....	.....	
447	As guaranteed	1.65	2.0	.....	5.0	1.0	6.0	5.0	5.0	.....	57293	Meets guarantee.
	As found.....	.....	2.10	.....	6.02	1.78	7.80	6.02	5.98	.....	.....	
448	As guaranteed	1.65	2.0	.....	5.0	1.0	6.0	5.0	5.0	.....	57294	"
	As found.....	.....	1.80	.....	6.46	1.4	7.90	6.46	7.69	.....	.....	
17	As guaranteed	2.06	2.50	6.0	2.0	1.0	9.0	8.0	1.5	.....	57295	Apparently a wrong registration number—is a potash salt of good quality.
	As found.....	.....	.....	.....	.....	.....	.....	51.16	.....	.....	.....	
206	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	57296	Meets guarantee.
	As found.....	.....	2.30	4.95	3.75	1.25	9.95	8.70	4.04	.....	.....	
686	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	57297	"
	As found.....	.....	2.20	6.45	1.55	1.35	9.35	8.0	4.8	.....	.....	
(83)	As guaranteed	.....	2.0	.....	.....	.....	.....	7.0	2.0	.....	57298	"
	As found.....	.....	2.90	.....	6.34	1.89	8.23	6.34	2.27	.....	.....	
(85)	As guaranteed	.....	3.0	.....	.....	.....	.....	5.0	4.0	.....	57299	Low in nitrogen, but compensated in value. Uncertain identification.
	As found.....	.....	1.90	.....	6.32	3.18	9.50	6.32	4.50	.....	.....	
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	57300	Meets guarantee.
	As found.....	.....	1.85	5.18	3.22	1.08	9.48	8.40	6.83	.....	.....	
290	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	58991	"
	As found.....	.....	2.05	3.65	4.36	1.54	9.55	8.01	4.66	.....	.....	
686	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0	.....	58902	"
	As found.....	.....	2.20	4.20	4.34	1.39	9.93	8.54	4.60	.....	.....	
687	As guaranteed	.....	.....	.....	.....	.....	.....	.....	10.0	.....	58903	"
	As found.....	.....	.....	4.21	2.08	0.74	7.03	6.29	9.84	.....	.....	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
June	4	Fertilizer.....	58904 Ulric Beaudoin, St. Julienne.	3 lbs.	Nil.	Cap. Chem. and Fert. Co., Buck- ingham.		
"	6	"	58905 Felix Muloin, St. Roch	"	"			
"	9	Northwestern Havana To- bacco Grower	58906 Felix Lebean, St. Paul L'Ermite.	3	"	Am. Agr. Chem. Co., New York.		
"	5	Fertilizer. ....	58907 Frs. Godfrind, L'Assomption.	3	"	Lesage Pack- ing and Fert. Co.		
"	10	"	58908 Camille Pelletier, St. Jacques.	3	5	"		
"	10	"	58909	3	5	"		
"	10	"	58910	3	5	"		
"	11	"	58911 K. Monahan, St. Lin.	3	Nil.	Cap. Chem. and Fert. Co., Buckingham.		
"	11	Bowkers Potash Bone.	58912	3	"	Bowker Fert. Co.		
"	11	Bowkers Super- phosphate with Potash.	58913	3	"	"		
"	11	Virginia Tobac- co Fertilizer.	58914 Alfred Henri, St. Lin.	3	"	Am. Agr. Chem. Co., Buffalo, N.Y.		
"	12	North Western Complete Ma- nure.	58915 J. B. Limoges, St. Anne.	3	"	"		
"	12	North Western Havana Grow- er.	58916	3	"	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## THREE RIVERS—Concluded.

83	As guaranteed		2.0					7.0	3.0		58904	Meets guarantee, nearly.
	As found		1.80		5.99	4.01	10.0	5.99	2.92			
83	As guaranteed		2.0					7.0	3.0		58905	Meets guarantee.
	As found		2.10		6.33	4.01	10.0	6.33	3.21			
686	As guaranteed	1.65	2.0	6.0	2.00	1.0	9.0	8.0	4.0		58906	Is a basic slag; incorrect registration number given by inspector.
	As found				14.33	4.50	18.83	14.33		89.9		
186	As guaranteed	3.7	4.5	6.0	2.0	1.0	9.0	8.0	9.0		58907	Incorrectly identified by inspector.
	As found				5.50	2.15	7.65	5.50	3.16			
448	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	7.0		58908	Meets guarantee.
	As found		3.20		5.05	1.85	6.90	5.05	7.10			
331	As guaranteed	1.0	1.25		5.0	1.0	6.0		3.0		58909	"
	As found		1.00		5.20	2.15	7.35	5.20	3.59			
447	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	5.0		58910	"
	As found		1.40		5.00	1.50	6.50	5.00	5.50			
	As found				5.61	3.47	9.08	5.61	2.12		58911	Inspector gives no registration number and cannot identify
404	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	2.0		58912	Meets guarantee.
	As found		1.30	5.79	2.75	1.49	10.03	8.51	2.79			
402	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0		58913	"
	As found			7.55	3.89	1.89	13.33	11.44	2.13			
207	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		58914	"
	As found		1.80	6.00	3.02	1.01	10.03	9.02	4.40			
226	As guaranteed	2.06	2.50	6.0	2.0	1.0	9.0	8.0	3.0		58915	"
	As found		2.70	6.03	2.26	1.14	9.43	8.29	5.40			
686	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0		58916	Is a basic slag; incorrect registration given by inspector.
	As found				15.20	3.05	18.25	15.25		95.6		

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF EASTERN TOWNSHIPS—

1913.								
Mar. 10	Thomas Phosphate Basic Slag.	1561	O. Lemire, Victoriaville.	3 jars	Nil			
" 10	Michigan Carbon Wks., Complete Fertilizer.	1562	"	3 "	"	Mich. Carbon Wks., Buffalo		
" 13	Jupiter	1563	C. Mercier, St. Marie Beauce.	3 "	"	Geo. Tanguay, Quebec.		
" 17	Fruit and Vine.	1564	O. Bolduc, St. George de Windsor.	3 "	"	Mich. Carbon Wks., Buffalo		
April 15	Bowker 6 p. c. Potato.	1565	A. R. Dionne, South Durham.	3 "	"	Bowker Fert. Co., Boston.		
" 15	Sure Crop Phosphate.	1566	"	3 "	"	"		
" 15	Superphosphate with Potash.	1567	"	3 "	"	"		
" 15	Animal Fertilizer.	1568	G. H. Farquhar, South Durham.	3 "	"	Burlington Rendering Co., Burlington.		
" 15	Special Potato.	1569	"	3 "	"	"		
" 15	Grain Fertilizer.	1570	C. W. Nixon, L'Avenir.	3 "	"	"		
" 16	Eclipse Phosphate for all Crops.	1571	McLewy & Riddle Bros., Danville.	3 "	"	The Am. Agr. Co., Boston.		
" 16	Bone, Blood and Potash.	1572	H. Roux & Fils, Danville.	3 "	"	Prov. Chem. Fert. Co., St. John, N.B.		
" 16	Victor Guano.	1573	"	3 "	"	"		
" 16	Grain & Potash	1574	"	3 "	"	"		
" 16	Potato & Vegetable Phosphate	1575	D. Taylor, Richmond.	3 "	"	Bowker Fert. Co., Boston.		
" 16	Corn phosphate.	1576	"	3 "	"	"		
" 16	Potato & Vegetable.	1577	"	3 "	"	"		
" 17	Victor Complete	1578	L. E. Thibaudau, Plessisville.	3 "	"	Can. Chemical & Fert. Co., Buckingham		
" 17	Royal Canadian	1579	"	3 "	"	"		
" 17	Union	1580	Geo. Lavoire, Plessisville.	3 "	"	Geo. Tanguay, Quebec.		
" 17	Celtic	1581	"	3 "	"	"		



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total, including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

J. C. ROULEAU, INSPECTOR.

591	As guaranteed					13.60							1561	Meets guarantee.
	As found					13.25	0.83	14.18	13.25		84.2			
206	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	4.0				1562	"
	As found		2.37	5.70	2.48	1.50	9.68	8.18	4.13					
510	As guaranteed	2.06	2.5					8.0	5.0				1563	Potash slightly low; but value compensated by excess phosphoric acid.
	As found		2.40	11.20	1.10	1.03	13.33	12.30	3.51					
212	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	10.0				1564	Meets guarantee.
	As found		2.50	5.08	2.95	1.52	9.55	8.03	9.76					
96	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	6.0				1565	"
	As found		1.05	3.63	3.29	1.31	8.23	6.92	7.69					
97	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	2.0				1566	"
	As found		1.05	5.15	4.09	1.36	10.60	9.24	2.30					
99	As guaranteed			6.0	4.0	1.0	11.0	10.0	2.0				1567	"
	As found		1.17	5.35	3.76	1.57	10.68	9.11	2.47					
834	As guaranteed	2.0	2.5	2.85	2.15	3.0	8.0	5.0	4.0				1568	"
	As found		2.60	2.94	4.46	2.00	9.40	7.46	4.22					
832	As guaranteed	2.46	3.0	2.52	2.48	3.0	8.0	5.0	6.0				1569	"
	As found		3.0	3.46	3.95	1.09	8.50	7.41	6.22					
833	As guaranteed	1.0	1.25	4.71	2.29	1.0	8.0	7.0	4.0				1570	"
	As found		1.0	6.00	1.77	0.58	8.35	7.77	4.03					
4	As guaranteed	1.03	1.25	6.0	2.0	1.0	9.0	8.0	2.0				1571	"
	As found		1.50	5.08	3.34	1.51	9.93	8.42	2.46					
71	As guaranteed		2.0				7.0		4.0				1572	"
	As found		2.25		6.58	0.82	7.40	6.58	5.33					
68	As guaranteed		2.0				7.0		2.5				1573	"
	As found		2.10				9.85		2.62					
67	As guaranteed						12.0		2.0				1574	"
	As found				10.62	1.63	12.25	10.62	2.22					
92	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0				1575	"
	As found		1.90	4.00	4.13	1.47	9.60	8.13	2.05					
93	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	2.0				1576	"
	As found		1.80	3.80	4.50	1.55	9.85	8.30	2.23					
716	As guaranteed	2.47	3.0	6.0	2.0	1.0	9.0	8.0	4.0				1577	"
	As found		2.18	4.08	4.44	1.25	9.78	8.52	5.14					
83	As guaranteed		2.0				7.0		3.0				1578	"
	As found		2.20				11.30		3.61					
84	As guaranteed		4.0				9.0		5.0				1579	"
	As found		4.75				9.10		5.91					
507	As guaranteed	2.47	3.0		8.0			8.0	3.5				1580	"
	As found		3.10		7.55	0.65		8.20	7.55	4.83				
512	As guaranteed							10.0	5.0				1581	"
	As found				10.39	1.04	11.43	10.39	4.94					

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF EASTERN

1913.								
April 17	Nestor .....	1582	Geo. Lavoie, Plessisville.	3 jars.	Nil.	Geo. Tanguay, Quebec.		
" 17	Capital .....	1583	"	3 "	"	"		
" 17	Monarch. ....	1584	"	3 "	"	"		
" 17	Jupiter .....	1585	"	3 "	"	"		
" 21	Fish Guano ....	1586	J. T. Ralston, Sutton.	3 "	"	National Agr. Corporation, Chicago.		
" 21	Bone & Potash Square Brand.	1587	J. T. Ralston, Sutton.	3 "	"	Bowker Fert. Co., Boston.		
" 21	Farmers' Choice.	1588	"	3 "	"	Nat. Agr. Corporation, Chicago.		
" 21	Extra Superphosphate and Potash.	1589	"	3 "	"	"		
" 21	Pacific Nobsque Guano for all crops.	1590	R. J. Crowell, Sutton.	3 "	"	The Am. Agr. Chem. Co., Boston.		
" 21	Soluble Pacific Guano.	1591	"	3 "	"	"		
" 21	Reads Practical Potato Special.	1592	"	3 "	"	"		
" 23	Sure Crop Phosphate.	1593	Tinny & Loiselle, Waterloo.	3 "	"	Bowker Fert. Co., Boston.		
" 23	Vermont Phosphate.	1594	"	3 "	"	"		
" 23	Disolved Phosphate.	1595	A. L. Ralston, Knowlton.	3 "	"	Buffalo Fert. Co., Buffalo.		
" 23	Bradley's Potato Fertilizer.	1596	"	3 "	"	The Am. Agr. Chem. Co., Boston.		
" 23	Eclipse Phosphate for all crops.	1597	"	3 "	"	"		
" 24	Mch. Carbon Honestead Disolved Bone.	1598	J. H. Aubin, East Angers.	3 "	"	Mich. Carbon Wks., Buffalo		
" 25	Corn and Vegetable Fertl.	1599	L. A. Plante, St. Hyacinthe.	3 "	"	Lesage Pack & Fert. Co., Ltd., Montreal.		
" 25	Thomas Phosphate.	39081	"	3 "	"	"		
" 25	Potato Fertilizer	39082	"	3 "	"	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.e.		Phosphoric Acid per cent.						
		Total, including that of Nitric Acid or Ammonia if present.	Total, Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.		

## TOWNSHIPS—Continued.

683	As guaranteed	1.65	2.0					8.0	3.0	1582	Meets guarantee.
	As found.....		2.00		10.87	1.13	12.00	10.87	3.44		
511	As guaranteed	4.0	5.0					8.0	6.0	1583	"
	As found.....		6.40		8.94	0.64	9.58	8.94	6.47		
682	As guaranteed	1.67	2.0					9.0	8.0	1584	"
	As found.....		2.50		9.14	1.09	10.23	9.14	10.26		
510	As guaranteed	2.06	2.5					8.0	5.0	1585	"
	As found.....		3.50		9.57	2.03	13.60	9.57	6.14		
637	As guaranteed	0.80	1.0	7.0	2.0	1.0	10.0	9.0	2.0	1586	"
	As found.....		1.20	6.50	2.80	1.68	10.98	9.30	2.32		
95	As guaranteed	0.82	1.0	4.0	2.0	1.0	7.0	6.0	2.0	1587	Meets guarantee.
	As found.....		1.21	4.35	2.16	0.72	7.23	6.51	2.78		
639	As guaranteed	0.80	1.0	6.0	2.0	1.0	9.0	8.0	5.0	1588	Meets guarantee.
	As found.....		1.18	4.20	3.55	2.03	9.78	7.75	5.66		
636	As guaranteed			8.0	2.0	1.0	11.0	10.0	8.0	1589	Meets guarantee.
	As found.....		0.17	8.90	1.38	2.05	12.33	10.28	7.20		
16	As guaranteed	1.03	1.25	6.0	2.0	1.0	9.0	8.0	2.0	1590	Meets guarantee.
	As found.....		1.30	3.85	4.21	1.72	9.78	8.06	2.14		
14	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5	1591	Meets guarantee.
	As found.....		2.50	5.20	3.37	1.38	9.95	8.57	1.89		
9	As guaranteed	0.82	1.0	3.0	1.0	1.0	5.0	4.0	8.0	1592	Meets guarantee.
	As found.....		1.20	3.14	1.42	0.87	5.43	4.50	6.93		
773	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	2.0	1593	Meets guarantee.
	As found.....		1.00	6.05	2.71	1.89	10.65	8.76	2.80		
91	As guaranteed	2.47	3.0	6.0	2.0	1.0	9.0	8.0	4.0	1594	Meets guarantee.
	As found.....		2.50	6.40	1.86	1.34	9.60	8.26	4.96		
49	As guaranteed			12.0		1.0	15.0	14.0		1595	Meets guarantee.
	As found.....			11.85	1.53	3.67	17.05	13.38			
3	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	3.0	1596	Meets guarantee.
	As found.....		2.20	4.53	3.75	1.62	9.90	8.28	5.84		
4	As guaranteed	1.03	1.25	6.0	2.0	1.0	9.0	8.0	2.0	1597	Meets guarantee.
	As found.....		1.25	4.40	4.46	1.89	10.75	8.86	1.60		
202	As guaranteed			10.0	2.0	1.0	13.0	12.0		1598	Meets guarantee.
	As found.....			8.23	2.90	1.45	12.58	11.13			
447	As guaranteed	1.65	2.0		5.0	1.0	6.0		5.0	1599	Meets guarantee.
	As found.....		1.75		6.33	1.47	7.80		5.74		
338	As guaranteed				12.0	2.0	14.0			39081	Below guarantee.
	As found.....				9.40	3.31	12.71	9.40		77.6	Is very coarsely ground.
449	As guaranteed	2.47	3.0		5.0	1.0	6.0	5.0	10.0	39082	Meets guarantee.
	As found.....		2.30		6.59	1.21	7.80	6.59	9.74		

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF EASTERN TOWNSHIPS—

1913.								
April 25	Fine Ground Bone.	29083	L. A. Plante, St. Hyacinthe.	3 jars.	Nil.	Lesage Packing and Fertilizer Co., Ltd., Montreal.		
" 25	Special for Tobacco.	39084	" " "	3 "	"	"		
" 25	Lesage Grain and Wheat Fertilizer.	39085	" " "	3 "	"	"		

## DISTRICT OF MONTREAL—

April 8	Bradley's Potato and Vegetable.	51266	Dupuy & Ferguson, Jacques Cartier Square, Montreal.	3 lbs.	Nil.	Am. Ag. Chem. Co.		
" 8	Bean and Potato Phosphate.	51267	" " "	3 "	"	"		
" 8	Bradley B . . .	51268	" " "	3 "	"	"		
" 9	Gilt Edge Potato and Tobacco Manure.	51269	Montreal Abattoirs Ltd., Montreal.	3 "	"	Vendors.		
" 9	Corn and Cereal Special.	51270	" " "	3 "	"	"		
" 9	Montreal Special Potato Manure	51271	" " "	3 "	"	"		
" 9	17 10 Special . .	51272	" " "	3 "	"	"		
" 11	Lesage's Royal Potato Manure.	51273	Lesage Packing and Fert. Co., Montreal.	3 "	"	"		
" 11	Quebec Special.	51274	" " "	3 "	"	"		
" 11	Lesage's Tobacco Fertilizer.	51275	" " "	3 "	"	"		
" 11	Lesage's Grain and Wheat.	51276	" " "	3 "	"	"		
" 16	Crockers New General Crop.	51277	Lepailleur freres, Lachine, P.Q.	3 "	"	"		
" 26	Tobacco Manure	51278	Wm. Ewing Co., Ltd., Montreal.	3 "	"	W.A. Freeman Co., Ltd., Hamilton.		
" 26	Sure Growth. . .	51279	" " "	3 "	"	"		
" 26	Phosphate Powder.	51280	" " "	3 "	"	"		
" 26	Potato Manure.	51281	" " "	3 "	"	"		

FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.								No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.							
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.	Potash.		

Concluded.

330	As guaranteed	2.47	3.0				22.58				39083	Meets guarantee.
	As found.....	3.00		16.63	9.60	26.23	16.63					
448	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	7.0		39084	"
	As found.....	2.10		5.71	1.29	7.00	5.71	7.61				
446	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	2.0		39085	"
	As found.....	1.80		5.49	2.01	7.50	5.49	3.54				

J. J. COSTIGAN, INSPECTOR.

735	As guaranteed	3.29	4.0	6.0	2.0	1.0	9.0	8.0	7.0		51266	Meets guarantee.
	As found.....	3.10	7.70	1.87	0.96	10.53	9.57	7.47				
250	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		51267	"
	As found.....	1.25	7.48	1.52	1.00	10.00	9.0	4.84				
250	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		51268	"
	As found.....	1.20	7.38	1.76	1.11	10.25	9.14	4.92				
555	As guaranteed		3.0					7.0	10.5		51269	* Much below guarantee in potash.
	As found.....		2.65		11.09	2.39	13.48	11.09	2.49			
552	As guaranteed		2.0					8.0	2.0		51270	Meets guarantee.
	As found.....		2.67		9.33	3.32	12.70	9.33	3.96			
556	As guaranteed		1.0					8.0	5.0		51271	Meets guarantee nearly.
	As found.....		1.07		8.96	2.94	11.90	8.96	3.82			
856	As guaranteed	4.0	4.58					7.0	10.0		51272	Low in potash.
	As found.....		4.80		9.41	3.62	13.63	9.41	6.76			
449	As guaranteed	2.47	3.0		5.0	1.0	6.0	5.0	10.0		51273	Meets guarantee.
	As found.....		2.85		6.81	1.87	8.68	6.81	12.14			
331	As guaranteed	1.0	1.25		5.0	1.0	6.0		4.3		51274	"
	As found.....		1.31		7.43	1.82	9.25	7.43	5.45			
448	As guaranteed	1.65	2.0		5.0	1.0	6.0	5.0	7.00		51275	"
	As found.....		1.89		7.06	0.99	8.05	7.06	8.07			
446	As guaranteed		2.0		5.0	1.0	6.0	5.0	2.0		51276	"
	As found.....		1.99		7.21	1.12	8.33	7.21	3.07			
301	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	1.0		51277	Meets guarantee.
	As found.....		1.10	6.22	1.59	1.09	9.31	8.21	1.31			
149	As guaranteed	2.47	3.0	5.0	2.0	0.25	7.25	7.0	5.0		51278	Meets guarantee.
	As found.....		2.20	4.31	6.36	1.52	12.22	10.70	6.47			
144	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0		51279	Meets guarantee.
	As found.....		2.30	4.31	6.09	1.80	11.90	10.10	3.78			
151	As guaranteed			15.0	2.0	0.50	15.50	15.0			51280	Meets guarantee.
	As found.....			14.93	1.62	1.03	17.58	16.55				
115	As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0		51281	Meets guarantee.
	As found.....		2.20	3.91	6.28	1.44	11.63	10.19	6.53			

\* Manufacturer claims should be Reg. No. 5. 2, when finding would be O.K.

Date of Collection.	Designation.	No. Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF VALLEYFIELD—

1913.								
April 22	Corn Phosphate	51356	Besner & Chasle, Valleyfield.	3 Lbs.	Nil.	Bowker Co.	Fert. Mfrs.	
" 22	Sure Crop Phosphate.	51357	"	3 "	"	"	"	
" 22	Northwestern Can. Potash.	51358	N. Langevin, Valleyfield.	3 "	"	"	"	
" 22	Thomas Phosphate Flour.	51359	"	3 "	"	"	"	
May 14	Bowkers Potato	51360	W. J. Boyd, Lacerte, P.Q.	3 "	"	Bowker Co.	Fert.	
" 14	Corn Phosphate	51361	"	3 "	"	"	"	
" 14	Bowkers Superphosphate with potash.	51362	"	3 "	"	"	"	
" 21	Royal Canadian	51363	D. M. Macpherson, Lancaster, Ont.	3 "	"	"	"	

DISTRICT OF OTTAWA—

April 16	Bradley's New Method.	51768	H. Brown & Sons, Brockville.	3 lbs.	Nil.	Amer. Agr. Chem. Co., Buffalo, N.Y.		
" 16	Bradley's Potato Fertilizer.	51769	"	3 "	"	"		
" 16	Bradley's Complete Manure for Potatoes Vegetables.	51770	"	3 "	"	"		
" 16	Bradley's B.D. Sea Fowl Guano	51771	"	3 "	"	"		
" 16	Read's High Grade Farmer's Friend.	51772	A. E. Cameron, Brockville.	3 "	"	Amer. Agr. Chem. Co., Carteret, N.J.		
" 16	Read's Standard Superphosphate	51773	"	3 "	"	"		
" 16	Read's Practical Potato Special.	51774	"	3 "	"	"		
" 16	Read's Corn, Wheat and Rye	51775	"	3 "	"	"		
" 16	Read's Pioneer.	51776	"	3 "	"	"		
" 16	Read's Farmer's Reliable.	51777	W. J. Wood, Smith's Falls.	3 "	"	"		
" 16	Read's All Crop.	51778	"	3 "	"	"		

FERTILIZERS AS SOLD.

Registration Number	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total, including that of Nitric Acid or Ammonia if present.	Total : Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

J. J. COSTIGAN, ACTING INSPECTOR.

109	As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	2 0	51356	Deficiency in phosphoric acid. Meets guarantee in value.
	As found	1 24	2 99	3 14	1 13	7 26	6 13	3 48			
406	As guaranteed	0 82	1 0	6 0	2 0	1 0	9 0	8 0	2 0	51357	Meets guarantee.
	As found	1 60	5 88	1 80	2 22	9 90	7 68	3 11			
335	As guaranteed	0 82	1 0	4 0	2 0	1 0	7 0	6 0	6 0	51358	Meets guarantee.
	As found	1 30	5 25	0 55	1 08	6 88	5 80	5 81			
253	As guaranteed				13 5		18 0			51359	Meets guarantee.
	As found				14 63	2 90	17 53	14 63	87 5		
411	As guaranteed	2 47	3 0	6 0	2 0	1 0	9 0	8 0	4 0	51360	Low nitrogen and potash.
	As found	1 00	7 15	2 21	1 74	11 10	9 36	2 36			
109	As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	2 0	51361	Meets guarantee.
	As found	2 50	3 85	4 40	1 85	10 10	8 25	2 39			
402	As guaranteed		6 0	4 0	1 0	11 0	10 0	2 0		51362	Meets guarantee.
	As found		7 03	2 73	2 32	12 08	9 76	3 29			
84	As guaranteed		4 0			3 0		5 0		51363	Meets guarantee.
	As found		4 30		10 03	2 75	12 78	10 03	5 45		

J. A. RICKEY, INSPECTOR.

379	As guaranteed	0 82	1 0	6 0	2 0	1 0	9 0	8 0	2 0	51768	Meets guarantee.
	As found	1 20	6 40	2 35	1 35	10 10	8 75	2 67			
392	As guaranteed	2 06	2 5	6 0	2 0	1 0	9 0	8 0	3 0	51769	"
	As found	2 40	6 30	2 23	1 22	9 75	8 53	2 72			
394	As guaranteed	3 29	4 0	6 0	2 0	1 0	9 0	8 0	7 0	51770	"
	As found	3 80	6 15	2 30	1 09	9 63	8 54	7 22			
188	As guaranteed	2 06	2 5	6 0	2 0	1 0	9 0	8 0	1 5	51771	"
	As found	2 40	5 00	3 02	1 28	9 30	8 02	2 38			
743	As guaranteed	3 29	4 0	4 0	2 0	1 0	7 0	6 0	10 0	51772	"
	As found	4 20	4 96	2 04	1 00	8 00	7 00	9 75			
383	As guaranteed	0 82	1 0	6 0	2 0	1 0	9 0	8 0	4 0	51773	"
	As found	1 20	7 50	1 23	0 95	9 68	8 73	4 50			
382	As guaranteed	0 82	1 0	3 0	1 0	1 0	5 0	4 0	8 0	51774	"
	As found	1 20	2 32	2 27	1 11	5 70	4 53	8 42			
231	As guaranteed	1 65	2 0	6 0	2 0	1 0	9 0	8 0	4 0	51777	"
	As found	2 00	5 80	3 20	1 38	10 38	9 00	4 50			
738	As guaranteed	0 82	1 0	6 0	2 0	1 0	9 0	8 0	2 0	51776	"
	As found	1 20	6 55	2 77	0 83	10 20	9 32	2 50			
737	As guaranteed		10 0	2 0	1 0	13 0	12 0	5 0		51777	"
	As found		10 88	1 20	1 07	13 15	12 08	5 42			
739	As guaranteed	0 82	1 0	7 0	2 0	1 0	10 0	9 0	3 0	51779	"
	As found	1 00	7 88	2 59	0 68	11 10	10 42	3 21			

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF OTTAWA—

1913.

Apr. 18	Victor	51779	Cap. Chem. and Fert. Co., Buckingham.	3 lbs.	Nil.	Vendors		
18	Reliance	51780	"	"	"	"		
18	Royal Canadian	51781	"	"	"	"		
18	Eureka Tobacco	51782	"	"	"	"		
18	Potato Special	51783	Cap. Chem. and Fert. Co., Buckingham.	3 lbs.	Nil.	Vendors		
18	Corn Special	51784	"	"	"	"		
18	Chapleton	51785	"	"	"	"		
18	Monarch	51786	"	"	"	"		
21	Sure Growth Manure.	51787	K. McDonald & Sons, Ottawa.	3 "	"	The W. A. Freeman Co., Ltd., Hamilton.		
21	Pure Bone Meal.	51788	"	"	"	"		
21	Bone and Potash	51789	"	"	"	"		
21	Celery and Early Veg. Manure.	51790	"	"	"	"		

DISTRICT OF KINGSTON—

Apr. 22	Special Potash Mixture.	57301	John Gurno, Brighton.	3 lbs.	10	A. M. Agr. Chem. Co., Buffalo.		
22	Bradley's B. D. Sea Fowl Guano	57302	"	"	10	"		
22	High Grade Potash Compound	57303	"	"	10	"		
22	Crookers New York Special Phosphate.	57304	"	"	10	"		
22	Bradley's Potash Fertilizer.	57305	"	"	10	"		
22	Bradley's Complete Manure for Potatoes and Veg.	57306	"	"	10	"		



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.								No. of Sample.	Remarks and Opinion of the Chief Analyst.	
		Nitrogen p.c.		Phosphoric Acid per cent.					Potash.			Fineness.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				
83	As guaranteed	2.0							7.0	3.0	51779	Meets guaranteed nearly in value.
	As found	2.00		6.12	3.66	9.78	6.12	3.20				
86	As guaranteed	2.0				6.0				2.0	51780	"
	As found	2.40		7.23	1.70	8.93	7.23	2.70				
84	As guaranteed	4.0						9.0		5.0	51781	"
	As found	4.70		8.14	2.46	10.60	8.14	5.47				
85	As guaranteed	3.0						5.0		4.0	51782	"
	As found	3.00		6.28	1.90	8.18	6.28	3.81				
336	As guaranteed	2.0						6.0		8.0	51783	"
	As found	2.26		7.24	2.01	9.25	7.24	6.54				
82	As guaranteed	1.0				7.0				3.0	51784	Meets guaranteed
	As found	1.20		9.15	1.98	11.13	9.15	3.00				
337	As guaranteed							7.0			51785	"
	As found			6.36	3.72	10.08	6.36					
857	As guaranteed	1.0						8.0		8.0	51786	"
	As found	3.70		7.66	1.34	9.00	7.66	10.06				
114	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0		51787	"
	As found	3.39	3.45	6.04	1.81	11.30	9.49	4.73				
146	As guaranteed	2.47	3.0		20.0	1.0	21.0	20.0			51788	Guarantee of available phosphoric acid unreasonably high. Meets guaranteed value.
	As found	5.10		12.45	8.75	21.20	12.45					
147	As guaranteed		2.0					9.0	6.0		51789	Meets guaranteed
	As found		2.20	8.34	1.41	9.75	8.34	8.52				
148	As guaranteed	1.12	5.0	5.5	3.5	0.25	9.25	9.0	5.0		51790	"
	As found	5.10	2.48	4.65	1.35	8.48	7.18	8.27				

## JAS. HOGAN, INSPECTOR.

181	As guaranteed	0.82	1.0	7.0	2.0	1.0	10.0	9.0	7.0		57301	Meets guaranteed
	As found	1.25	6.95	2.43	1.17	10.55	9.38	7.38				
188	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		57302	"
	As found	2.65	6.13	1.57	1.45	9.15	7.70	1.83				
182	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	10.0		57303	"
	As found	2.20	3.10	4.80	1.55	9.45	7.90	10.84				
192	As guaranteed		8.0	2.0	1.0	11.0	10.0	8.0			57304	"
	As found		6.72	2.62	1.54	10.92	9.39	8.92				
392	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	3.0		57305	"
	As found	2.57	3.70	4.29	1.31	9.30	7.99	3.69				
394	As guaranteed	3.29	4.0	6.0	2.0	1.0	9.0	8.0	7.0		57306	"
	As found	4.20	5.85	2.77	1.33	9.95	8.62	7.28				

Date of Collection.	Designation.	No. of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 22	Sure Growth Manure.	57307	Thompson Macdonald, Cobourg.	3 lbs.	10	W. A. Freeman Co., Ltd., Hamilton.		
	Potato Manure	57308	"	3 "	10	"		

## DISTRICT OF TORONTO—

Mar. 17	Gunn's Shur-Crop General Garden No. 9.	57060	Gunn's Ltd., West Toronto.	3 lbs.	15	Vendors		
17	Gunn's Shur-Crop Wheat Spec. No. 8.	57061	"	3 "	15	"		
17	Gunn's Shur-Crop Tobacco Producer No. 1.	57062	"	3 "	15	"		
17	Gunn's Shur-Crop Corn Manure No. 4.	57063	"	3 "	15	"		
17	Gunn's Shur-Crop Bean Grower No. 6.	57064	"	3 "	15	"		
18	Harab No. 1 Potato Special.	57065	Harris Abattoir Company, Ltd., Toronto.	3 "	15	"		
18	Harab No. 6 Cereal and Corn Ferter.	57066	"	3 "	15	"		
18	Harab No. 7 Potash Compound.	57067	"	3 "	15	"		
18	Harab No. 12 Lambton Special.	57068	"	3 "	15	"		
18	Harab No. 13 Farmer's Special.	57069	"	3 "	15	"		
19	Harab No. 2 General Garden.	57070	"	3 "	15	"		
19	Harab No. 5 Orchard.	57072	"	3 "	15	"		
19	Harab No. 15 Fall Wheat Special.	57073	"	3 "	15	"		
19	Harab No. 2 N. B. Potato Special with 10 p.c. Potash.	57074	"	3 "	15	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## KINGSTON—Concluded.

	p.c.	p.c.	p.c.	p.c.	s.c.	p.c.	p.c.	p.c.	p.c.		
144 As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0	...	57307	Meets guarantee.
As found.....	3.10	4.08	6.14	1.88	12.10	10.22	4.67	.....	.....	.....	
145 As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0	...	57308	"
As found.....	2.50	4.58	6.28	2.32	13.18	10.86	4.19	.....	.....	.....	

## H. J. DAGER—INSPECTOR.

619 As guaranteed	3.0	3.64	5.0	.....	.....	.....	5.0	6.0	.....	57060	Meets guarantee.
As found.....	3.50	1.00	7.08	1.32	9.40	8.08	7.16	.....	.....	.....	
618 As guaranteed	2.0	2.40	9.0	.....	.....	.....	9.0	2.0	.....	57061	"
As found.....	1.93	6.68	2.58	2.12	11.38	9.26	1.94	.....	.....	.....	
611 As guaranteed	3.0	3.64	8.0	.....	.....	.....	8.0	8.0	.....	57062	"
As found.....	3.32	3.83	5.38	2.22	11.43	9.21	8.58	.....	.....	.....	
614 As guaranteed	2.0	2.40	9.0	.....	.....	.....	9.0	5.0	.....	57063	"
As found.....	2.40	6.08	2.30	2.00	10.38	8.38	6.10	.....	.....	.....	
656 As guaranteed	2.0	2.40	7.0	.....	.....	.....	7.0	8.0	.....	57064	"
As found.....	2.20	3.90	4.30	1.70	9.90	8.20	8.82	.....	.....	.....	
471 As guaranteed	3.0	3.64	.....	.....	.....	6.0	.....	8.0	.....	57065	"
As found.....	3.60	.....	.....	.....	.....	8.63	.....	8.20	.....	.....	
701 As guaranteed	2.0	2.40	.....	.....	.....	9.0	.....	3.0	.....	57066	"
As found.....	2.50	.....	.....	.....	.....	9.43	.....	3.06	.....	.....	
476 As guaranteed	2.0	2.40	.....	.....	.....	7.0	.....	8.0	.....	57067	"
As found.....	2.40	.....	.....	.....	.....	7.63	.....	9.52	.....	.....	
652 As guaranteed	2.0	2.40	.....	.....	.....	8.0	.....	10.0	.....	57068	"
As found.....	2.80	.....	.....	.....	.....	9.33	.....	10.92	.....	.....	
633 As guaranteed	1.0	1.2	.....	.....	.....	8.0	.....	5.6	.....	57069	"
As found.....	1.25	.....	.....	.....	.....	8.60	.....	4.74	.....	.....	
472 As guaranteed	3.0	3.64	.....	.....	.....	7.0	.....	3.0	.....	57070	"
As found.....	3.62	.....	.....	.....	.....	7.78	.....	2.93	.....	.....	
654 As guaranteed	1.0	1.2	.....	.....	.....	8.0	.....	8.0	.....	57072	"
As found.....	1.40	.....	.....	.....	.....	8.75	.....	7.84	.....	.....	
665 As guaranteed	2.0	2.40	.....	.....	.....	7.0	.....	2.0	.....	57075	"
As found.....	2.45	.....	.....	.....	.....	8.40	.....	2.28	.....	.....	
696 As guaranteed	3.0	3.64	.....	.....	.....	7.0	6.0	10.0	.....	57074	"
As found.....	2.90	.....	7.24	0.94	8.18	7.24	10.27	.....	.....	.....	

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF TORONTO—

1913.								
Mar. 20	Gunn's Shur-Crop Blood & Bone Compound No. 15.	57075	Gunn, Ltd., West Toronto.	3 lbs.	15	Vendors		
" 20	Gunn's Shur-Crop Fertilizer. Fine Steamed Bone No. 13.	57076	" " "	3 "	15	"		
" 20	Gunn's Shur-Crop Potato & Celery Special No. 5.	57077	" " "	3 "	15	"		
" 20	Green Bone Meal	57078	" " "	3 "	15	"		No. reg. Number on Bag. Application has been made to Dep. for registration.
" 22	H. Brand Fertilizer.	57079	W. Harris & Co., Toronto.	3 "	15	"		Vendors said that application had been made to the Dep. for registration.
" 24	Cereal Fertilizer	57080	The Wm. Davies Co., Ltd., West Toronto.	3 "	15	"		
" 24	Sure Growth	57081	" " "	3 "	15	"		
" 24	General Crop	57082	" " "	3 "	15	"		
" 24	Grape and Small Fruit Special.	57083	" " "	3 "	15	"		
" 24	Corn Special	57084	" " "	3 "	15	"		
" 25	Basic Slag A Quality.	57085	" " "	3 "	15		The Cross Fert. Co., Ltd., Sydney, N.S.	
" 25	Tobacco Grower	57086	" " "	3 "	15	Vendors		
" 25	Potato Grower	57087	" " "	3 "	15	"		
" 25	Pure Bone Meal	57088	" " "	3 "	15	"		

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst.	
		Nitrogen p.c.		Phosphoric Acid per cent.						Potash.	Fineness.		No. of Sample.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	T. S.	Total Available.					
657	As guaranteed	7.0	8.5	7.0						7.0	2.0	57075	Meets guarantee.
	As found	7.90	0.29	8.81	1.75	10.85	9.10	1.89					
623	As guaranteed	3.0	3.64	22.0						22.0		57076	Deficient in available phosphoric acid. Unreasonable claim; possibly an error in claim.
	As found	3.50	0.47	15.14	4.67	20.28	15.61						
615	As guaranteed	2.0	2.4	8.0						8.0	10.0	57077	Meets guarantee.
	As found	2.40		8.51	1.99	10.50	8.51	10.04					
					11.85	11.78	23.63	11.85				57078	Not identified, and apparently not registered.
855	As guaranteed	5.35	6.50	Trace	7.02	5.35	12.37	7.02				57079	Meets guarantee.
	As found	7.30			7.86	4.27	12.13	7.86					
364	As guaranteed	2.06	2.5	6.0	3.0	2.0	11.0	9.0	2.0			57080	Meets guarantee.
	As found	2.60	8.05	3.14	1.61	12.80	11.19	2.77					
674	As guaranteed	2.47	3.0				10.0	9.0	3.0			57081	Meets guarantee.
	As found	3.20		10.17	1.73	11.90	10.17	3.37					
249	As guaranteed	2.47	3.0				10.0	8.0	2.0			57082	Meets guarantee.
	As found	3.20		8.20	1.15	9.35	8.20	2.09					
675	As guaranteed	1.64	2.0				9.0	8.0	10.0			57083	Meets guarantee.
	As found	2.10		7.68	1.22	8.90	7.68	9.14					
669	As guaranteed	1.64	2.0				9.0	8.0	2.0			57084	Meets guarantee.
	As found	2.00		8.31	1.67	9.98	8.31	1.81					
557	As guaranteed				12.80							57085	Meets guarantee.
	As found			13.45	0.60	14.05	13.45			86.2			
369	As guaranteed	1.64	2.0	3.0	5.0	2.0	10.0	8.0	5.0			57086	Meets guarantee.
	As found	3.70	2.94	6.62	1.32	10.88	9.56	6.84					
670	As guaranteed	2.47	3.0				7.0	6.0	10.0			57087	Low in potash, but fully up to total value.
	As found	3.10	3.90	5.24	7.25	16.39	9.14	8.00					
244	As guaranteed	3.29	4.0				20.0					57088	Meets guarantee.
	As found	3.68		12.05	11.53	23.58	12.05						

*Continued.*

Date of Collection.	Designation.	No. of Sample	Name and Address of Vendor.	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer	Furnisher.	

## DISTRICT OF

1913.								
Mar. 25	Fine Steamed Bone.	57089	The Wm. Davies Co., Ltd., West Toronto.	3 lbs.	15	Vendors	.....	
" 25	Bean and Pea Special.	57090	"	3 "	15	"	.....	
" 26	Blood and Bone.	57091	"	3 "	15	"	.....	
" 26	Hay and Meadow Special.	57092	"	3 "	15	"	.....	
" 26	Sugar Beet Special.	57093	"	3 "	15	"	.....	
" 26	Wheat Phosphate.	57094	"	3 "	15	"	.....	
" 26	Potato Special.	57095	"	3 "	15	"	.....	
April 28	Harab No. 11, Clover and Hay.	57096	The Harris Abattoir Co., Ltd., Toronto.	3 "	15	"	.....	
" 28	Harab No. 3, Early Vegetable.	57097	"	3 "	15	"	.....	
" 28	Harab No. 14, Tobacco Special.	57098	"	3 "	15	"	.....	
" 28	Harab No. 4, Gardeners Special.	57099	"	3 "	15	"	.....	
" 28	Harab Complete Fert., with 10 p.c.	57100	"	3 "	15	"	.....	
" 30	Pure Ground Blood.	57196	"	3 "	15	"	.....	
" 30	Harab No. 10, Blood and Bone.	57197	"	3 "	15	"	.....	
" 30	Harab No. 8, Fine Steamed Bone.	57198	"	3 "	15	"	.....	
May 1	GunnsShur-Crop Berry Special, No. 12.	57199	Gunns Ltd., West Toronto.	3 "	15	"	.....	

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

TORONTO—Continued.

	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
365 As guaranteed	4.93	6.0					22.0			57089	
As found.....		3.70		16.88	7.15		24.03	16.88			Meets guarantee
668 As guaranteed	1.0	1.0					9.0	8.0	5.0	57090	
As found.....		1.00	3.85	5.20	11.98		21.12	9.14	6.83		Meets guarantee Great excess of phosphoric acid. Apparently mistaken identity of brand.
678 As guaranteed	4.93	6.0					13.0	10.0		57091	
As found.....		7.30		10.97	3.53		14.50	10.97	1.45		Meets guarantee
673 As guaranteed	3.3	4.0					6.0	5.0	3.0	57092	
As found.....		3.60		6.87	1.06		7.93	6.87	4.02		"
667 As guaranteed	1.64	2.0					11.0	10.0	5.0	57093	
As found.....		2.20		11.38	7.35		18.73	11.38	5.70		"
666 As guaranteed	1.64	2.0					11.0	10.0	2.0	57094	
As found.....		1.80		9.24	1.84		11.08	9.24	2.73		"
360 As guaranteed	3.3	4.0	1.0	5.0	2.0		8.0	6.0	3.0	57095	
As found.....		4.40	1.81	6.59	1.06		9.45	8.40	9.15		Meets guarantee. Excess potash. Possible mistaken identity.
479 As guaranteed	6.0	7.28					3.0		5.0	57096	
As found.....		7.00					5.91		4.31		Meets guarantee
473 As guaranteed	4.0	4.8					6.0		4.0	57097	
As found.....		4.90					7.58		3.90		"
482 As guaranteed	3.0	3.6					8.0		6.0	57098	
As found.....		3.70					9.53		6.89		"
655 As guaranteed	5.0	6.1					6.0		8.0	57099	
As found.....		5.71					7.58		4.86		Deficiency in potash.
695 As guaranteed		4.0					7.0	6.0	10.0	57100	
As found.....		4.30		7.14	1.11		8.25	7.14	7.53		"
653 As guaranteed	11.0	13.35					2.0			57196	
As found.....		11.65					1.14				Deficient in nitrogen.
472 As guaranteed	7.0	8.5					19.0			57197	
As found.....		8.13					9.25				Meets guarantee
293 As guaranteed	3.5	4.0					22.0			57198	
As found.....		3.48		13.99	4.67		18.66	13.99			Below guarantee in phosphoric acid.
622 As guaranteed	1.0	1.2	8.0					8.0	8.0	57199	
As found.....		1.2	4.33	3.42	0.93		8.68	7.75	8.17		Meets guarantee.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF

1913.									
May	1	GunnsShur-Crop Bowling Green and Lawn Special.	57200	Gunns Ltd., West Toronto.	3	00	15	Vendors	
"	1	GunnsShur-Crop Forcing Grth, No. 7.	57405	"	3	00	15	"	
"	1	GunnsShur-Crop Sugar Beet Special, No. 2.	57406	"	3	00	15	"	
"	1	GunnsShur-Crop Early Vegetable, No. 10.	57407	"	3	00	15	"	
"	1	GunnsShur-Crop Pulverized Steamed Bone, No. 14.	57408	"	3	00	15	"	

DISTRICT OF HAMILTON—

April	9	Bone Meal	57167	Ward and Kelly, Brantford, Ont.	3	lbs.	15	International Agr. Co., Buffalo, N. Y.	
"	9	Wheat Special	57168	"	3	"	15	"	
"	9	Extra Phosphate and Potash	57169	"	3	"	15	"	
"	9	Chapman's Tomato Special	57170	"	3	"	15	"	
"	9	Fruit and Vine	57171	The Brant Seed Co., Brantford.	3	"	15	Shaal Sheldon Fert. Co., Buffalo.	
"	9	Grass and Grain	57172	"	3	"	15	"	
"	9	Stone Brand, XXX Potato Fertilizer.	57173	E. Pitts, Paris	3	"	15	Wm. Stone & Sons, Ltd., Ingersoll.	
"	10	Stone Brand Grain and Root Fertilizer.	57174	E. Pitts, Paris	3	"	15	Wm. Stone & Sons, Ltd., Ingersoll.	



## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potsash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p. c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## TORONTO—Concluded.

613	As guaranteed	5.0	5.95	6.0	1.78	0.79	8.00	6.0	7.0	7.99	57200	Meets guarantee.
	As found			5.43			7.21					
617	As guaranteed	5.0	6.07	8.0	1.56	0.94	8.95	8.0	7.0	7.13	57405	Low in nitrogen. Explained as sampling of an incomplete mix.
	As found		4.06	6.45			8.01					
612	As guaranteed	2.0	2.4	6.0				6.0	9.0		57406	Meets guarantee.
	As found		2.15	2.95	3.51	0.99	7.45	6.46	8.55			
620	As guaranteed	4.0	4.86	6.0				6.0	7.0		57407	Below guarantee slightly.
	As found		3.0	3.70	5.23	1.20	10.13	8.93	6.72			
621	As guaranteed	3.0	3.64	22.0	13.71	6.10	20.25	22.0			57408	Below guarantee in phosphoric acid. Claim for available is unreasonably. Possible error in the claim.
	As found		4.36	0.44			14.15					

## H. J. DAGER, ACTING INSPECTOR.

648	As guaranteed	2.40	3.0				22.0				57167	Meets guarantee, nearly.
	As found		3.0		13.16	7.37	20.63	13.16				
638	As guaranteed	2.0	2.5	6.0	2.0	1.0	9.0	8.0	1.5		57168	Meets guarantee.
	As found		2.50	4.50	3.37	2.01	9.88	7.87	2.65			
636	As guaranteed			8.0	2.0	1.0	11.0	10.0	8.0		57169	"
	As found			8.20	1.52	1.33	11.05	9.72	8.13			
644	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	10.0		57170	"
	As found		2.50	5.85	2.60	1.55	10.0	8.45	9.82			
383	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0		57171	"
	As found		1.60	4.85	4.97	1.96	11.78	9.82	5.24			
356	As guaranteed	1.23	1.50	6.0	2.0	1.0	9.0	8.0	7.0		57172	"
	As found		1.90	5.60	3.06	1.24	9.90	8.66	7.84			
546	As guaranteed	1.64	2.0	6.50	1.50	1.25	9.25	8.0	6.0		57173	"
	As found		2.0	4.10	5.20	1.63	10.93	9.30	6.14			
545	As guaranteed	1.64	2.0	6.50	1.50	1.25	9.25	8.0	2.0		57174	"
	As found		2.15	4.33	5.1	1.64	11.15	9.51	2.07			

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF HAMILTON—

1913.								
April 11	Crocker's Practical Potato Fertilizer.	57175	Howard L. Knox, Lynden.	3 lbs.	15	The Am. Agr. Chem. Co., N.Y.		
" 11	Crocker's Wheat and Corn Fertilizer.	57176	" " "	3 "	15	" "		
" 11	Crocker's Best Potash Fertilizer.	57177	" " "	3 "	15	" "		
" 11	Crocker's New York Special Phosphate.	57178	" " "	3 "	15	" "		
" 15	Bowker's Market Garden Fertilizer.	57179	E. W. Moore & Son, Dunnville.	3 "	15	Bowker Fert. Co., Boston and N.Y.		
" 15	Farm and Garden Phosphate.	57180	" " "	3 "	15	" "		
" 15	Crocker's Complete Manure.	57181	H. Bartlett, Dunnville.	3 "	15	The Am. Agr. Chem. Co., N.Y.		
" 15	Ideal Wheat and Corn.	57182	B. L. Edgecombe, Dunnville.	3 "	15	The International Agr. Co., Buffalo, N.Y.		
" 15	Sugar Beet Grower.	57183	" " "	3 "	15	" "		
" 15	Fish Guano....	57184	" " "	3 "	15	" "		
" 15	Celery and Potato Special.	57185	" " "	3 "	15	" "		
" 15	Farmers' Choice.	57186	" " "	3 "	15	" "		
" 16	Bradley's B.D. Sea Fowl Guano.	57187	Titterington Bros., St. Catharines.	3 "	15	The Am. Agr. Chem. Co., N.Y.		
" 19	Celery and Early Vegetable Manure.	57188	The W. A. Freeman Co., Ltd., Hamilton.	3 "	15	Vendors....		
" 19	Potato Manure.	57189	" " "	3 "	15	" "		
" 19	Sure Growth Manure.	57190	" " "	3 "	15	" "		
" 19	Lawn Fertilizer.	57191	" " "	3 "	15	" "		
" 19	Ontario Manure.	57192	" " "	3 "	15	" "		
" 19	Pure Bone Meal	57193	" " "	3 "	15	" "		

## FERTILIZERS AS SOLD.

Fertilization Number	Analysis of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst.	
		Nitrogen p.c.		Phosphoric Acid per cent.						Potash.	Fineness.		No. of Sample.
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					
198	As guaranteed	0.82	1.0	3.0	1.0	1.0	5.0	4.9	8.0			57175	Meets guarantee.
	As found		1.11	3.25	0.88	0.90	5.03	4.13	7.79				
195	As guaranteed	2.06	2.50	6.0	2.0	1.0	9.0	8.0	1.5			57176	"
	As found		2.55	4.60	3.17	1.31	9.08	7.77	2.01				
194	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	10.0			57177	"
	As found		2.05	5.30	3.11	1.64	10.05	8.41	10.58				
192	As guaranteed			8.0	2.0	1.0	11.0	10.0	8.0			57178	"
	As found			7.38	2.60	0.80	10.78	9.98	7.42				
578	As guaranteed	2.47	3.0	4.0	2.0	1.0	7.0	6.0	10.0			57179	Low in potash, but value compensated.
	As found		4.10	3.70	4.52	1.78	10.00	8.22	8.01				
577	As guaranteed	1.55	2.0	6.0	2.0	1.0	9.0	8.0	2.0			57180	Meets guarantee.
	As found		2.10	2.28	5.40	2.07	9.75	7.68	2.20				
380	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	4.0			57181	"
	As found		1.00	6.70	0.87	1.18	8.75	7.57	4.04				
641	As guaranteed	1.60	2.0	7.0	2.0	1.0	10.0	9.0	5.0			57182	"
	As found		2.90	7.95	0.99	1.81	10.75	8.94	5.58				
640	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	4.0			57183	"
	As found		1.90	5.30	3.02	1.31	9.63	8.32	4.79				
637	As guaranteed	0.80	1.0	7.0	2.0	1.0	10.0	9.0	2.0			57184	"
	As found		1.10	5.80	3.20	1.23	10.23	9.00	3.44				
643	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	10.0			57185	"
	As found		1.95	6.00	2.40	1.10	9.50	8.40	9.60				
639	As guaranteed	0.80	1.0	6.0	2.0	1.0	9.0	8.0	5.0			57186	"
	As found		1.10	4.40	3.37	1.73	9.50	7.77	5.02				
188	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5			57187	"
	As found		2.56	4.78	3.04	1.23	9.05	7.82	2.31				
148	As guaranteed	4.12	5.0	5.5	3.5	0.25	9.25	9.0	5.0			57188	Meets guarantee.
	As found		5.61	7.63	2.77	1.13	11.53	10.40	5.78				
145	As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0			57189	Meets guarantee.
	As found		3.35	4.25	7.01	2.07	13.33	11.26	6.87				
144	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0			57190	Meets guarantee.
	As found		2.46	4.05	6.49	1.71	12.25	10.54	3.13				
157	As guaranteed	2.47	3.0	5.50	3.50	0.25	9.25	9.0	4.0			57191	Meets guarantee.
	As found		2.13	10.05	1.13	1.07	12.25	11.18	4.82				
374	As guaranteed			5.50	2.50	0.50	8.50	8.0	5.0			57192	Meets guarantee.
	As found			7.25	1.30	0.76	9.40	8.64	4.78				
146	As guaranteed	2.47	3.0		20.0	1.0	21.0	20.0				57193	Essentially meets guarantee. Excessive claim for available phosphoric acid
	As found		5.29		12.95	3.85	21.80	12.95					

Continued.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF

1913.								
April 24	Bone and Potash	57191	The W. A. Freeman Co., Ltd., Hamilton.	3 lbs.	15	Vendors		
" 24	Tobacco Manure	57195	"	3 "	15	"		

## DISTRICT OF WINDSOR—

April 15	Harsh Potash Compound.	47987	M. J. Smith, Chatham, Ont.	3 Jars	Nil.	Harris Abattoir Co., Toronto.		
" 15	Davies Corn Special.	41988	F. W. Charteris, Chatham.	3 "	"	Davies Co., Toronto.		
" 15	Davies Tobacco Special.	47989	"	3 "	"	"		
" 15	Cereal and Corn	47990	M. J. Smith, Chatham, Ont.	3 "	"	Harris Abattoir Co., Toronto.		
" 15	Potato Special.	47991	"	3 "	"	"		
" 15	Farmers Special.	47992	"	3 "	"	"		
" 15	Tobacco Special	47993	"	4 "	"	"		
" 15	Davies Sugar Beet Special.	47994	F. W. Charteris, Chatham.	3 "	"	Davies Co., Toronto.		
" 15	Davies Sure Growth.	47995	"	3 "	"	"		
" 15	Chapmans Tomato Special.	47996	J. D. Soutar, Chatham.	3 "	"	Buffalo Fert. Co., Buffalo.		
" 15	Ideal.	47997	"	3 "	"	"		
" 15	Fish Guano	47998	"			"		
" 16	Bone, Blood and Potash.	54801	Wm. Stone & Sons, Ingersoll.	3 "		Vendors		
" 16	Garden Truckers	54802	"	3 "	"	"		
" 16	Fodder Special.	54803	"	5 "	"	"		
" 16	Tobacco Manure	54804	"	3 "	"	"		
" 16	Grain & Root	54805	"	3 "	"	"		
" 16	Potato & Beet	54806	"	3 "	"	"		
" 16	Fruit Special.	54807	"	3 "	"	"		
" 16	Potato Manure	54808	A. Hasting & Sons, Woodstock.	3 "	12½	W. A. Freeman Co., Hamilton		
" 16	Sure Growth.	54809	"	3 "	12½	"		

## FERTILIZERS AS SOLD.

Vegetation Number.	Analysis of Sample.	Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.						Potash.	Fine ash.		
		Total, including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.					

HAMILTON - *Concluded.*

	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
147 As guaranteed	1 65	2 0	5 50	3 50	0 25	9 25	9 0	6 0		57194 Meets guarantee.
As found.....		12 76	3 88	6 32	1 88	12 08	10 20	5 12		
149 As guaranteed	2 47	3 0	5 0	2 0	0 25	7 25	7 0	5 0		57195 Meets guarantee.
As found.....		4 51	4 30	5 59	1 46	11 35	9 89	4 22		

## JNO. TALBOT, INSPECTOR.

476 As guaranteed	2 0	2 4				7 0		8 0		47987	
As found.....		2 25				8 93		6 49			Meets guarantee.
669 As guaranteed	1 64	2 0				9 0	8 0	2 0		47988	Meets guarantee nearly.
As found.....		1 77		7 78	1 27	9 05	7 78	1 17			
369 As guaranteed	2 47	3 0				10 0	8 0	6 0		47989	
As found.....		4 5		9 65	2 00	11 65	9 65	6 00			Meets guarantee.
701 As guaranteed	2 0	2 4				9 0		3 0		47990	
As found.....		2 45				9 38		3 21			Meets guarantee.
471 As guaranteed	3 0	3 64				6 0		8 0		47991	
As found.....		3 25		7 74	2 29	10 03	7 74	9 00			Meets guarantee.
633 As guaranteed	1 0	1 2				8 0		5 0		47992	Low in potash and phosphoric acid.
As found.....		1 22				6 34		3 00			
482 As guaranteed	3 0	3 64				8 0		6 0		47993	
As found.....		4 00				7 78		8 31			Meets guarantee.
667 As guaranteed	1 64	2 0				11 0	10 0	5 0		47994	
As found.....		2 20		9 96	6 35	16 25	9 96	5 42			Meets guarantee.
674 As guaranteed	2 47	3 0				10 0	9 0	3 0		47995	
As found.....		3 90		11 03	1 87	12 90	11 03	3 05			
644 As guaranteed	1 60	2 0	6 0	2 0	1 0	9 0	8 0	10 0		47996	
As found.....		2 00	5 50	1 74	1 06	8 30	7 24	14 18			
641 As guaranteed	1 60	2 0	7 0	2 5	1 0	10 0	9 0	5 0		47997	
As found.....		2 00	6 60	2 53	1 47	10 60	9 13	5 18			
65 As guaranteed	0 80	1 0	7 0	2 0	1 0	10 0	9 0	2 0		47998	
As found.....		1 20	5 50	3 74	1 91	11 15	9 24	2 58			
544 As guaranteed	3 29	4 0	5 5	2 5	1 5	9 5	8 0	7 0		54801	
As found.....		3 40	4 50	5 75	1 50	11 75	10 25	6 67			
543 As guaranteed	4 94	6 0	4 0	3 0	1 75	8 75	7 0	5 0		54802	
As found.....		6 00	3 15	5 87	0 81	9 83	9 02	5 01			
702 As guaranteed	0 82	1 0				1 0	10 0	9 0		54803	
As found.....		0 95		9 13	1 20	10 33	9 13	1 64			
541 As guaranteed	2 47	3 0	5 5	1 5	1 25	8 25	7 0	4 0		54804	
As found.....		3 00	3 28	3 53	0 92	7 73	6 81	4 64			
545 As guaranteed	1 64	2 0	6 5	1 5	1 25	9 25	8 0	2 0		54805	
As found.....		1 90	4 38	3 89	1 15	9 45	8 27	2 03			
709 As guaranteed	1 64	2 0				1 25	9 25	8 0		54806	
As found.....		1 90		8 08	1 42	9 50	8 08	5 30			
539 As guaranteed	1 64	2 0	6 5	1 5	1 25	9 25	8 0	10 0		54807	
As found.....		2 60	6 73	3 01	1 11	9 85	8 74	9 33			
5 As guaranteed	2 47	3 0	5 0	3 0	0 25	8 25	8 0	5 0		54808	
As found.....		2 50	4 40	5 60	2 15	12 15	10 00	4 82			
144 As guaranteed	2 9	3 5	5 0	3 0	0 25	8 25	8 0	3 0		54809	
As found.....		2 70	3 00	6 48	2 45	11 93	9 48	2 79			

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF WINDSOR--

1913.								
April 16	Nitrate of Soda..	54810	A. Hastings & Son, Woodstock, Ont	3 jars.	25	W. A. Freeman Co., Hamilton.		No label. No reg. number
" 16	Bone Black.....	54811	A. Patrick, Wood- stock, Ont.	3 "	Nil.	Mich. Carbon Wks., Detroit		Could not read reg. number.
" 21	Fodder Special..	54812	O'Brien Bros., St. Marys, Ont.	3 "	"	Wm. Stone & Sons, Ingersoll.		
" 21	Potato Brand...	54813	"	3 "	"	"		
" 21	Homestead Bean Special.	54814	Frank Standeaven, St. Marys.	3 "	"	Mich. Carbon Wks., Detroit		
" 21	A. I. Potash Fertilizer.	54815	"	3 "	"	"		
" 21	Bone Black.....	54816	"	2 "	"	"		
" 21	Davies Lawn Dressing.	54817	J. A. Andrew, Stratford.	3 "	10	Davies Co., Toronto.		
" 21	Bone Meal.....	54818	"	3 "	10	Nitrate Agencies Co., New York.		No number.
" 22	Homestead Bone Black.	54819	Chas. Layton, Sea- forth.	3 "	Nil.	Mich. Carbon Wks., Detroit		
" 22	Grain and Root	54820	Ford & McLeod, Clinton.	3 "	"	Wm. Stone & Sons, Ingersoll.		
" 23	Tomato Special.	54821	Geo. Philp, jr., St. Thomas.	3 "	"	Buffalo Fert. Co., Buffalo.		
" 23	High Grade Manure.	54822	"	3 "	"	"		
" 23	Celery and Pot- ato Special.	54823	"	3 "	"	"		
" 23	Dissolved Phos- phate.	54824	"	3 "	"	"		
" 24	Potato Manure..	54825	A. M. Hamilton, London, Ont.	3 jars.	10	W.A. Freeman Co., Hamil- ton.		
" 24	Canadian Manure.	54826	"	3 "	10	"		
" 24	Sure Growth...	54827	"	3 "	10	"		

## DISTRICT OF ROCKY MOUNTAINS--

Apr. 23	A. Fertilizer. . .	49877	Brackman Ker M. Co., Nelson, B.C.	3 lbs.	15	Victoria Chem. Co., Victoria, B.C.		
" 23	B. Fertilizer....	49878	"	3 "	15	"		
" 23	C. Fertilizer....	49879	"	3 "	15	"		

FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

Concluded.

153	As guaranteed	15.0	18.0								54810	Meets guarantee as assumed.
	As found		18.40									
213	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		54811	Meets guarantee as assumed.
	As found		2.60	7.30	1.99	1.41	10.70	9.29	1.96			
702	As guaranteed	0.82	1.0			1.0	10.0	9.0	2.0		54812	Meets guarantee.
	As found		1.11		9.22	1.43	10.65	9.22	2.12			
516	As guaranteed	1.64	2.0	6.5	1.5	1.25	9.25	8.0	6.0		54813	Meets guarantee.
	As found		2.72	4.05	5.93	3.10	13.08	9.98	6.68			
525	As guaranteed	1.65	2.0	6.0	2.0	1.0	9.0	8.0	3.0		54814	Meets guarantee.
	As found		2.26	6.88	1.51	1.64	10.03	8.39	3.70			
526	As guaranteed	0.82	1.0	6.0	2.0	1.0	9.0	8.0	3.0		54815	Meets guarantee.
	As found		1.63	6.75	2.19	1.36	10.30	8.94	3.97			
213	As guaranteed	2.66	2.5	6.0	2.0	1.0	9.0	8.0	1.5		54816	Meets guarantee.
	As found		2.64	6.88	1.45	1.62	9.95	8.33	1.87			
361	As guaranteed	3.3	4.0	1.0	5.0	2.0	8.0	6.0	3.0		54817	Meets guarantee.
	As found		4.44	1.02	6.20	1.78	9.0	7.22	3.37			
	As found		3.25		14.20	5.80	20.00	14.20			54818	Not identified, and apparently not registered.
213	As guaranteed	2.06	2.5	6.0	2.0	1.0	9.0	8.0	1.5		54819	Meets guarantee.
	As found		2.55	6.03	3.11	1.81	10.95	9.14	1.77			
515	As guaranteed	1.64	2.0	6.5	1.5	1.25	9.25	8.0	2.0		54820	Meets guarantee.
	As found		2.53	4.80	5.08	2.20	12.08	9.88	2.76			
644	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	19.0		54821	Meets guarantee.
	As found		2.00	6.60	2.08	1.00	9.68	8.68	9.82			
647	As guaranteed	3.3	4.0	5.0	2.0	1.0	8.0	7.0	19.0		54822	Meets guarantee.
	As found		3.50	6.23	2.15	0.77	9.15	8.38	11.60			
643	As guaranteed	1.60	2.0	6.0	2.0	1.0	9.0	8.0	19.0		54823	Meets guarantee.
	As found		2.00	5.83	3.97	1.83	11.33	9.80	9.18			
634	As guaranteed			12.0	2.0	1.0	15.0	14.0			54824	Meets guarantee.
	As found			11.80	1.71	2.37	16.08	13.51				
145	As guaranteed	2.47	3.0	5.0	3.0	0.25	8.25	8.0	5.0		54825	
	As found		4.54	3.95	5.37	2.08	11.40	9.32	6.18			Meets guarantee.
375	As guaranteed	2.47	2.5	5.5	2.5	0.50	8.50	8.0	1.5		54826	
	As found		2.17	5.63	3.72	1.58	11.03	9.35	2.38			"
144	As guaranteed	2.89	3.5	5.0	3.0	0.25	8.25	8.0	3.0		54827	
	As found		1.39	3.80	3.48	1.12	8.40	7.28	4.65			"

THOS. PARKER, INSPECTOR.

73	As guaranteed	4.0	4.85	10.0					7.0		49877	
	As found		3.39	10.18	1.69	0.76	12.03	11.27	8.81			Meets guarantee.
74	As guaranteed	3.5	4.25	10.0					11.0		49878	
	As found		3.80	9.35	1.72	0.76	11.83	11.07	10.44			"
75	As guaranteed			12.5					11.0		49879	
	As found			13.18	1.80	1.12	16.10	14.98	9.26			Low in potash.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

## DISTRICT OF ROCKY

1913.								
April 23	Nitrate of Soda.	49880	Brackman Ker M. Co., Nelson, B.C.	3 lbs.	15	Victoria Chem. Co., Victoria B.C.		
"	23 Sulphate of Pot ash.	49881	"	3 "	15	"		
"	23 Muriate of Pot ash.	49882	"	3 "	15	"		
"	23 Superphosphate of Lime.	49883	"	3 "	15	"		
"	23 A. Fertilizer.	49884	Swift Canadian Co., Nelson, B.C.	3 "	25	Swift Canadian Co., Edmonton.		
"	23 B. Fertilizer.	49885	"	3 "	25	"		
"	23 C. Fertilizer.	49886	"	3 "	25	"		
"	23 A. Fertilizer.	49887	P. Burns & Co., Nelson, B.C.	3 "	15	P. Burns & Co., Calgary.		
"	23 B. Fertilizer.	49888	P. Burns & Co., Nelson.	3 "	15	P. Burns & Co., Calgary.		
"	23 C. Fertilizer.	49889	"	3 "	15	"		

## DISTRICT OF VANCOUVER

April 26	B. & M.	53486	Brackman Ker M. Co., Vancouver, B.C.	3 lbs.	Nil.	Vendors.		
"	26 Blood	53487	"	3 "	"	Vanc. Prince Rupert Meat Co., Vancouver, B.C.		Not registered.
"	26 B. Fertilizer	53488	"	3 "	"	Vict. Chem. Co., Victoria, B.C.		
"	26 Slag	53489	"	3 "	"	"		Not registered.
"	26 Dried Blood	53490	Brown Bros., Vancouver, B.C.	3 "	"	P. Burns & Co., Vancouver, B.C.		
"	28 A. Fertilizer	53491	Brackman & Ker, New Westminster, B.C.	3 "	"	Vict. Chem. Co., Victoria, B.C.		
"	28 Nitrate of Soda	53492	"	3 "	"	"		
"	28 Superphosphate of Lime.	53493	"	3 "	"	"		



FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

MOUNTAINS *Continued.*

	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.
77 As guaranteed	15 0	18 2									49880
As found		18 20									Meets guarantee.
78 As guaranteed								50 0			49881
As found								49 82			"
79 As guaranteed								50 0			49882
As found								48 55			Nearly meets guarantee.
80 As guaranteed			16 0								49883
As found			19 18		1 10	20 28	19 18				Meets guarantee.
341 As guaranteed	4 12	5 0	6 87							12 0	49884
As found		5 9	trace.	5 60	2 00	7 60	5 60	9 58			Low in potash.
342 As guaranteed	4 52	5 50	7 32					9 0			49885
As found		5 50	0 17	5 92	1 46	7 55	6 09	9 32			Meets essential guarantee.
343 As guaranteed	4 93	6 0	7 78					6 0			49886
As found		6 12	0 42	7 47	2 81	10 70	7 89	7 37			"
390 As guaranteed	2 80	3 40	0 26	1 15	13 89	15 30	1 41	3 80			49887
As found		4 66	0 11	11 47	8 20	19 78	11 58	5 81			Meets guarantee.
331 As guaranteed	6 10	7 40	0 11	9 28	2 81	12 20	9 39	4 77			49888
As found		9 23	0 36	8 13	2 56	11 05	8 49	4 82			Meets guarantee.
332 As guaranteed	5 51	6 81	0 86	3 07	6 67	10 60	3 93	5 71			49889
As found		7 35	0 34	7 26	3 15	10 75	7 60	6 30			"

J. F. POWER, INSPECTOR.

335 As guaranteed		3 5				26 0					53486
As found		3 56		12 72	13 28	26 10	12 72				Meets guarantee.
As found		14 50									53487
											* Not registered.
74 As guaranteed	3 5	4 25				10 0		11 0			53488
As found		3 50				9 53		13 39			Meets guarantee.
As found				17 00	1 68	18 68	17 60		80 2		53489
603 As guaranteed	12 34	15 0									53490
As found		15 10									"
73 As guaranteed	4 0	4 86				10 0		7 0			53491
As found		4 75				10 38		6 82			"
77 As guaranteed	15 5	18 8									53492
As found		18 30									"
80 As guaranteed						16 0					53493
As found						19 33					"

\* Manufacturers claim sale as poultry food.

Date of Collection.	Designation.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF								
1913.								
April 28	Blood Fertilizer.	53491	Swift Canadian Co., Eburne, B.C.	3 lbs.	Nil.	Vendors		Not registered.
" 28	Enground Tankage Diamond E.	53495	"	3 "	"	"		
" 28	Rennie's Plant Food.	53496	Rennie & Co., Ltd., Vancouver, B.C.	3 pkgs	40	"		
DISTRICT OF VICTORIA—								
April 25	Swift's Animal Fertilizer B.	53572	The Brackman M. Co., Ltd., Victoria, B.C.	3 lbs.	6	Swift's Canadian Co., Ltd., W'peg and Edmonton.		
" 35	Swift's Animal Fertilizer C.	53573	"	3 "	6	"		
" 25	Swift's Animal Fertilizer D.	53574	"	3 "	6	"		
" 25	B and K Bone Meal.	53576	"	3 "	6	Canadian North Pacific Fisheries Ltd., Victoria, B.C.		
" 25	Whale Guano	53577	"	3 "	6	"		No registered number or Analysis on sacks.
" 26	A. Fertilizer	53578	Victoria Chem. Co., Ltd., Victoria, B.C.	3 "	6½	Vendors		
" 26	B. Fertilizer	53579	"	3 "	6½	"		
" 26	C. Fertilizer	53580	"	3 "	6½	"		
" 26	D. Fertilizer	53581	"	3 "	6½	"		
" 26	Nitrate of Soda	53582	"	3 "	9	Grace & Co., San Francisco, Cal.		
" 26	Sulphate of Potash.	53583	"	3 "	9	Myer, Wilson & Co., San Francisco, Cal.		
" 26	Muriate of Potash.	53584	"	3 "	9	"		
" 26	Bone Superphosphate of Lime.	53585	"	3 "	6½	Victoria Chem. Co., Ltd., Victoria, B.C.		
" 26	Rock Superphosphate of Lime.	53586	"	3 "	6½	Mountain Copper Co., San Francisco, Cal.		Vendors stated that this a new fertilizer and has not been registered yet.

## FERTILIZERS AS SOLD.

Registration Number.	Analysis of Sample.	Results of Analysis.							Potash.	Fineness.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Nitrogen p.c.		Phosphoric Acid per cent.								
		Total: including that of Nitric Acid or Ammonia if present.	Total: Calculated as Ammonia.	Soluble in Water.	Reverted or Citrate Soluble.	Insoluble.	Total.	Total Available.				

## VANCOUVER—Continued.

	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
As found.....		8.30								53494
705 As guaranteed	4.93	6.0				10.0				53495
As found.....	7.40		15.23	11.45	26.73	15.28				Meets guarantee. Excess phosphoric acid above claim.
276 As guaranteed	2.5	8.0						2.0		53496
As found.....	3.40		10.48	1.42	11.90	10.48	5.45			Meets guarantee.

## D. O'SULLIVAN, INSPECTOR.

707 As guaranteed	4.52	5.0				7.32		9.0		53572	Deficiency of potash.
As found.....		6.40				9.23		3.42			
718 As guaranteed	4.93	6.0				7.78		6.0		53573	Meets guarantee.
As found.....		7.1				9.65		5.15			
344 As guaranteed	5.34	6.50	8.24					3.00		53574	Meets guarantee essentially.
As found.....		6.82		6.81	2.07	8.88		6.81	5.07		
355 As guaranteed		3.5				25.0				53576	Meets guarantee.
As found.....		3.30		12.58	13.15	25.73	12.58				
As guaranteed	10.30	12.50								53577	Meets guarantee, as assumed; but not properly tagged.
As found.....		13.35									
73 As guaranteed	4.0	4.9	10.0					7.0		53578	Meets guarantee.
As found.....		4.37	9.83	0.51	0.51	10.86	10.34	7.62			
74 As guaranteed	3.5	4.25	10.0					11.0		53579	Meets guarantee nearly.
As found.....		4.2	9.85	1.05	0.60	11.50	10.90	10.11			
75 As guaranteed			12.5					11.0		53580	Deficient in potash.
As found.....			14.75	0.31	0.97	16.03	15.06	8.52			
76 As guaranteed	2.5	3.04	10.0					11.0		53581	Meets guarantee.
As found.....		2.97	10.18	0.07	0.60	10.65	10.25	11.05			
77 As guaranteed	15.5	18.8								53582	Meets guarantee.
As found.....		18.00									
78 As guaranteed								50.0		53583	Meets guarantee.
As found.....								49.25			
79 As guaranteed								50.0		53584	Meets guarantee.
As found.....								54.35			
80 As guaranteed			16.0							53585	Meets guarantee.
As found.....			17.20		0.28	17.48	17.20				
As found.....						15.0				53586	Meets guarantee.
						18.98					

