

Service bulletin

Fertilizer Shipments Survey

2016



Highlights

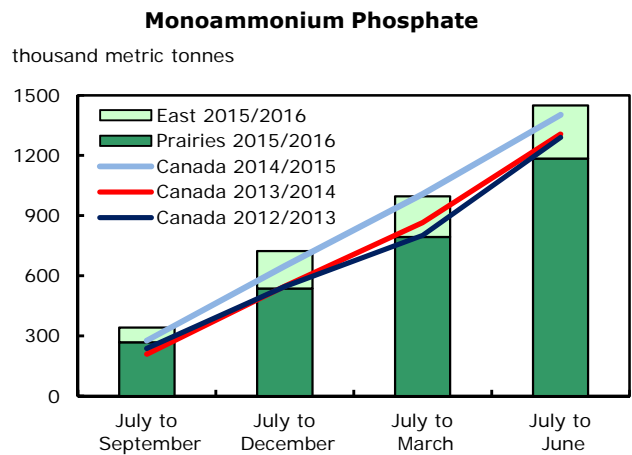
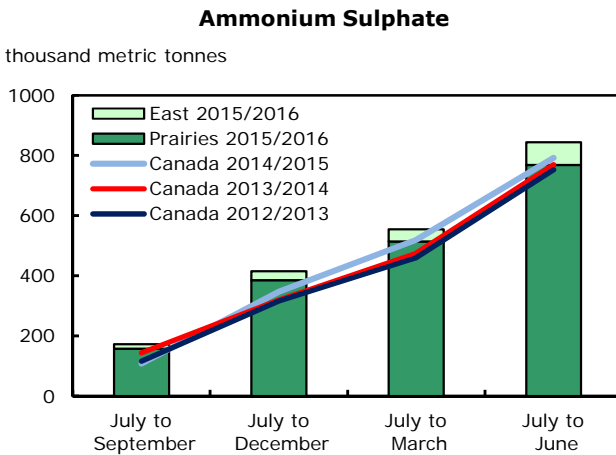
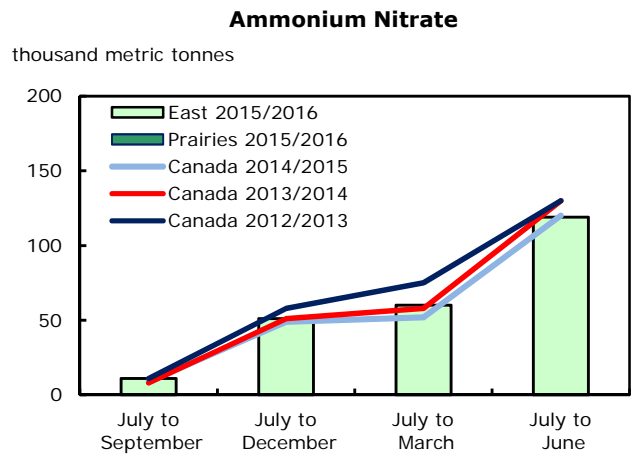
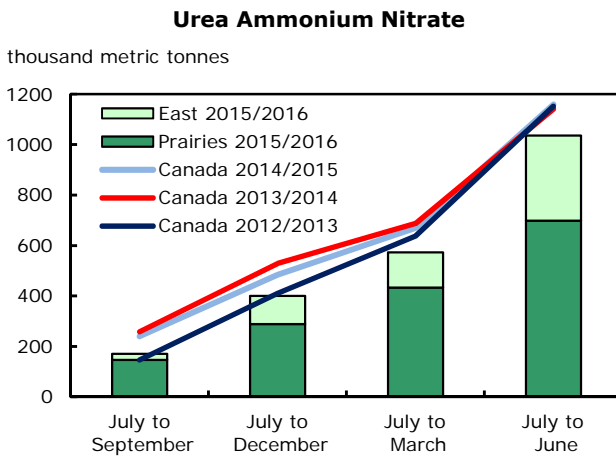
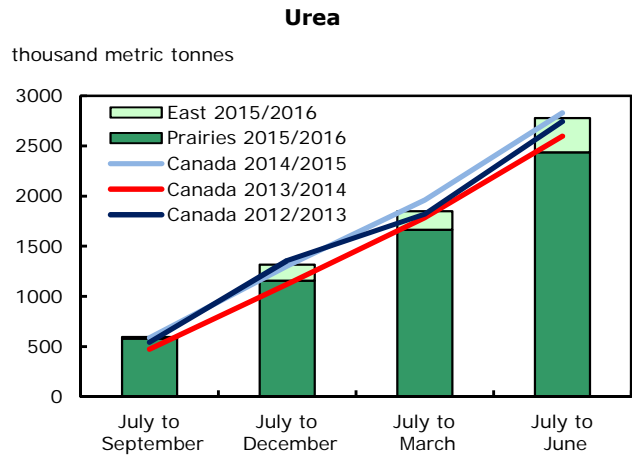
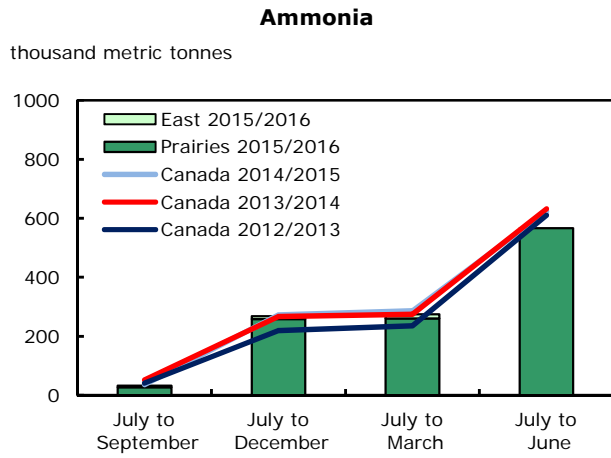
Table 1
Fertilizer Shipments, Canada (excluding British Columbia), July to June

	2013/2014	2014/2015	2015/2016	Change 2015/2016 over 2014/2015
	thousand metric tonnes			percent
Ammonia (NH3) 82-0-0-0	632	623	x	x
Urea 46-0-0	2,597	2,830	2,779	-1.8
Urea ammonium nitrate (UAN) 28-0-0-0	1,141	1,159	1,035	-10.7
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	130	120	119	-0.8
Ammonium sulphate (AS) 20-0-0-24	769	792	843	6.4
Monoammonium phosphate (MAP) 11-52-0	1,306	1,403	1,450	3.3
Diammonium phosphate (DAP) 18-46-0	111	107	155	44.9
Potash 0-0-60-0	563	629	585	-7.0
Other fertilizer products	641	714	775	8.5

Table 2
Fertilizer Production, Canada, July to June

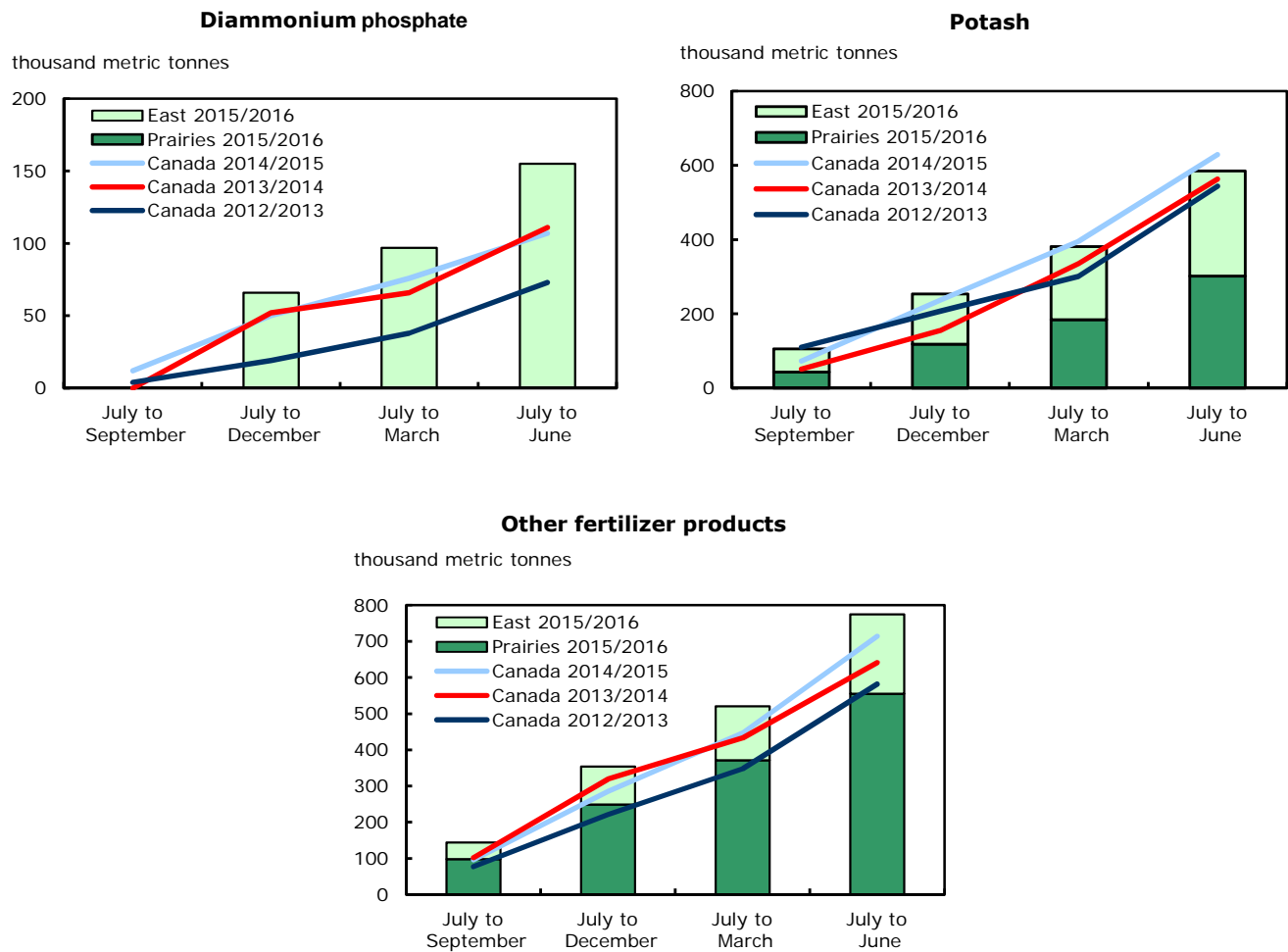
	2013/2014	2014/2015	2015/2016	Change 2015/2016 over 2014/2015
	thousand metric tonnes			percent
Ammonia (NH3) 82-0-0-0	4,545	4,801	4,919	2.5
Urea 46-0-0	3,592	3,861	3,823	-1.0
Urea ammonium nitrate (UAN) 28-0-0-0	1,281	1,228	1,228	0.0
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	x	x	513	x
Ammonium sulphate (AS) 20-0-0-24	989	931	964	3.5
Monoammonium phosphate (MAP) 11-52-0	x	x	x	x
Diammonium phosphate (DAP) 18-46-0	0	0	0	...
Potash 0-0-60-0	15,769	x	17,712	x
Other fertilizer products	333	357	x	x

Chart 1
Fertilizer shipments to Canadian agriculture markets, by product type and fertilizer year, cumulative data



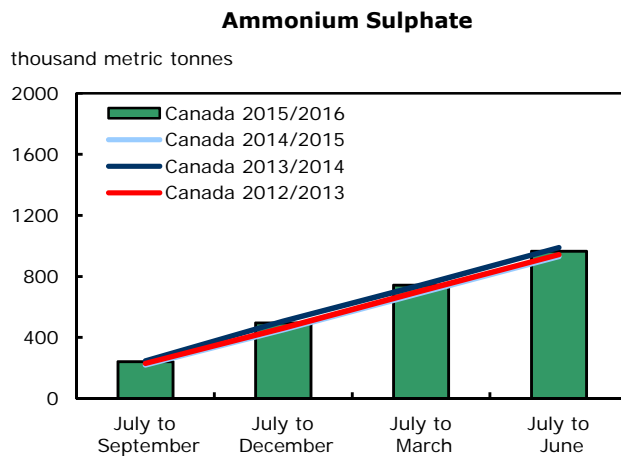
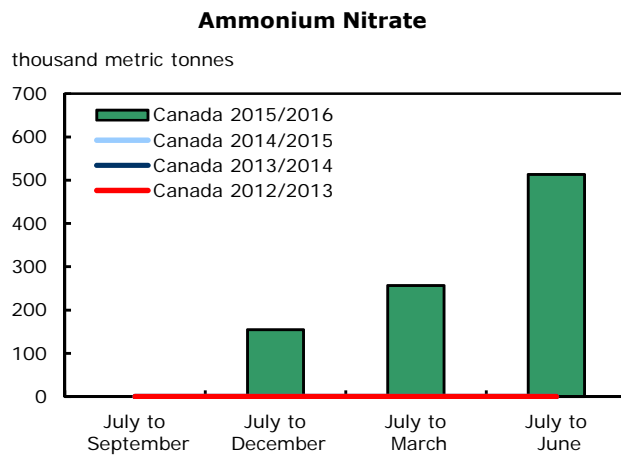
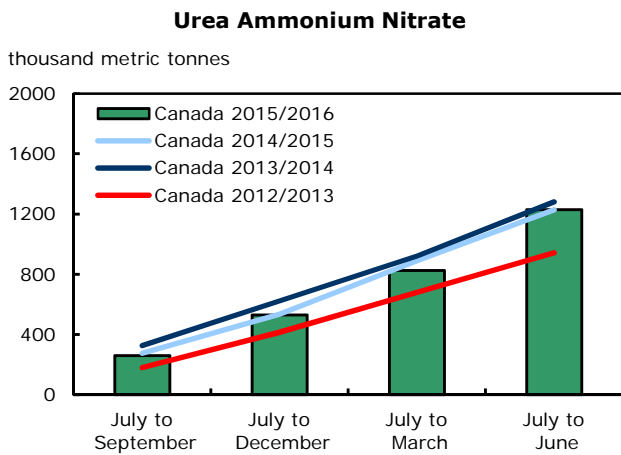
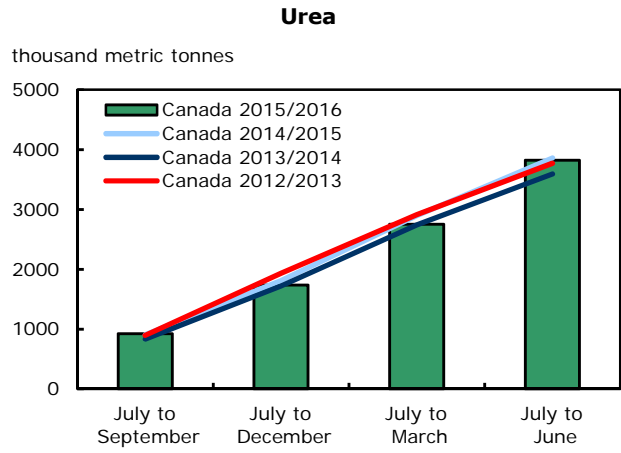
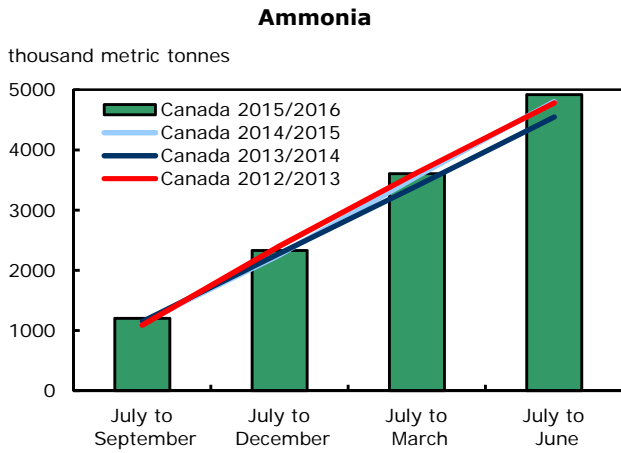
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 2
Fertilizer shipments to Canadian agriculture markets, by product type and fertilizer year, cumulative data



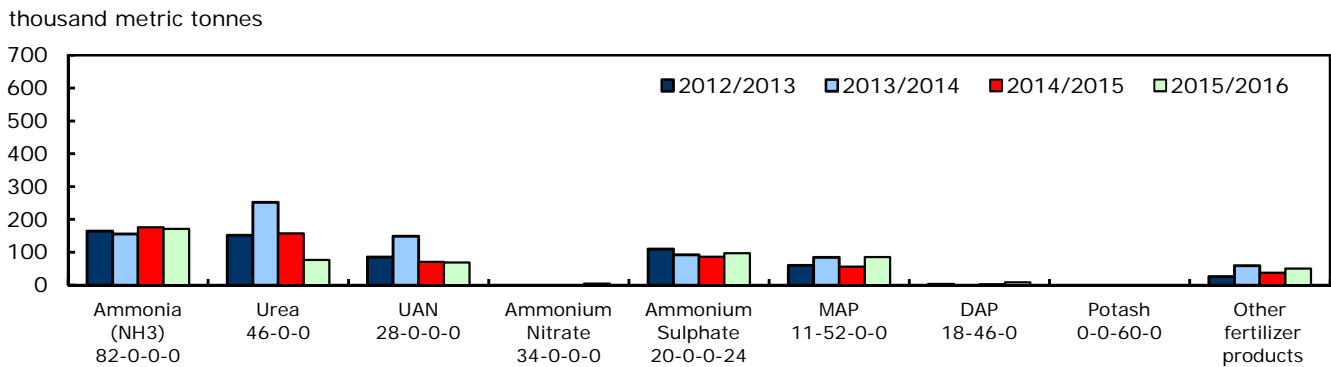
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 3
Canadian fertilizer production, by product type and fertilizer year, cumulative data



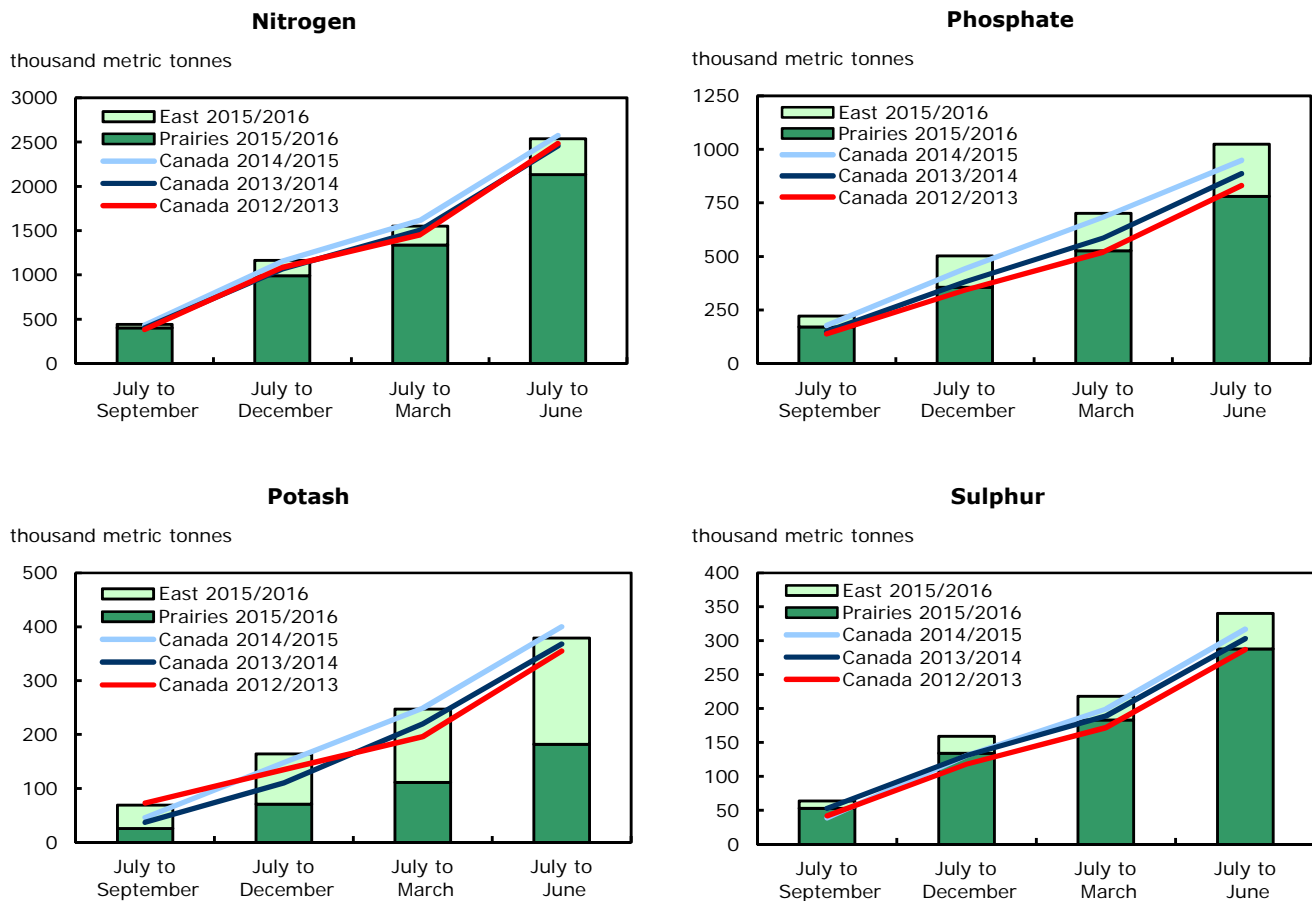
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 4
Fertilizer market inventories at month end, June, Canada



Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 5
Fertilizer shipments to Canadian agriculture markets, by nutrient content, cumulative data



Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Table 3
Fertilizer shipments to Canadian agriculture and export markets, by product type and fertilizer year, cumulative data, 2015/2016

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²	United States	Other countries ³
thousand metric tonnes												
Ammonia (NH₃) 82-0-0-0⁴												
July to September	0	3	2	6	x	10	x	27	0	33	320	0
July to December	0	6	5	10	103	91	64	258	0	268	612	0
July to March	0	7	6	14	104	93	65	261	0	275	897	0
July to June	x	8	x	x	181	260	125	567	0	x	1,330	0
Urea 46-0-0⁵												
July to September	2	8	7	17	x	x	261	577	7	594	225	0
July to December	4	45	110	159	154	495	506	1,156	16	1,314	391	0
July to March	6	62	117	185	205	758	702	1,665	24	1,850	647	0
July to June	13	138	191	342	329	1,137	971	2,437	34	2,779	1,044	0
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	0 ^s	x	x	24	x	74	x	147	x	171	x	0
July to December	0 ^s	x	x	112	x	171	x	289	x	401	x	0
July to March	0 ^s	x	x	140	x	279	x	433	x	573	x	0
July to June	0 ^s	x	x	337	x	460	x	699	x	1,035	x	0
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	2	11	0	0	0	0	0	11	x	0
July to December	x	x	6	51	0	0	0	0	0	51	x	0
July to March	x	x	x	60	0	0	0	0	0	60	x	0
July to June	x	x	8	119	0	0	0	0	0	119	x	0
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	10	15	x	79	x	158	x	173	x	0
July to December	9	3	18	30	x	191	x	385	x	415	x	0
July to March	12	7	22	41	x	264	x	514	x	555	x	0
July to June	18	26	31	75	x	392	x	769	x	843	x	0
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	56	73	67	83	119	269	x	342	0	0
July to December	11	27	147	186	116	208	214	537	x	723	0	0
July to March	12	28	162	202	182	328	284	794	x	996	x	0
July to June	x	34	x	265	289	488	407	1,185	x	1,450	x	0
Diammonium phosphate (DAP) 18-46-0												
July to September	9	x	0 ^s	x	0	0	0	0	0	x	0	0
July to December	x	x	0 ^s	66	0	0	0	0	0	66	0	0
July to March	x	x	x	97	0	0	0	0	0	97	0	0
July to June	x	x	4	155	0	0	0	0	0	155	0	0
Potash 0-0-60-0												
July to September	x	18	x	63	17	11	15	43	1	106	1,250	x
July to December	x	40	x	136	38	38	42	118	2	254	2,745	x
July to March	x	x	123	197	52	65	68	184	x	382	4,410	x
July to June	x	78	x	283	88	103	111	302	x	585	6,069	x
Other fertilizer products⁸												
July to September	8	6	31	46	23	53	22	98	x	144	x	0
July to December	x	25	x	105	50	136	62	249	x	353	x	0
July to March	30	31	88	149	68	222	81	371	3	520	x	0
July to June	x	x	112	220	106	341	108	555	5	775	131	x

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. Offshore shipments include shipments exported to countries other than the United States.

4. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.

5. Tonnes for ESN 44-0-0 are multiplied by 0.9565.

6. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

7. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

8. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Historical annual shipments data are available in terminated CANSIM table 001-0064. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published. Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 4
Fertilizer shipments to Canadian agriculture and export markets, by product type and fertilizer year, cumulative data, 2014/2015

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²	United States	Other countries ³
thousand metric tonnes												
Ammonia (NH₃) 82-0-0-0⁴												
July to September	0	4	3	6	11	10	8	29	0	36	x	0
July to December	0	8	5	12	102	93	65	260	1	272	430	0
July to March	0	13	8	20	104	97	65	266	1	286	721	0
July to June	0	16	22	38	180	264	140	585	1	623	1,100	0
Urea 46-0-0⁵												
July to September	2	9	3	14	63	208	300	571	6	585	x	0
July to December	4	27	44	76	150	479	598	1,228	15	1,304	448	0
July to March	6	33	59	99	204	804	854	1,863	22	1,962	662	0
July to June	11	113	112	236	294	1,140	1,160	2,594	30	2,830	x	0
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	0	5	31	36	x	113	x	204	x	240	x	0
July to December	0	17	104	121	x	220	x	363	x	484	x	0
July to March	0	27	115	142	x	326	x	526	x	669	x	0
July to June	0 ^s	121	252	373	x	496	x	786	x	1,159	424	0
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	3	4	x	x	x	0	0	x	0	9	0	0
July to December	x	36	x	x	x	0	0	x	0	49	0	0
July to March	x	37	x	x	x	0	0	x	0	52	0	0
July to June	29	79	x	x	x	0	0	x	0	120	x	0
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	2	2	8	12	x	42	x	96	x	108	x	0
July to December	5	5	12	22	x	138	x	325	x	347	x	0
July to March	9	7	15	32	x	218	x	487	x	519	x	0
July to June	14	27	26	68	x	336	x	724	x	792	x	0
Monoammonium phosphate (MAP) 11-52-0												
July to September	0 ^s	0 ^s	65	65	x	x	93	211	x	277	0	0
July to December	1	14	103	119	131	170	229	531	x	649	0	0
July to March	1	22	116	140	201	311	356	868	x	1,007	x	0
July to June	5	24	184	213	256	450	484	1,190	x	1,403	x	0
Diammonium phosphate (DAP) 18-46-0												
July to September	10	x	x	12	0	0	0	0	0	12	0	0
July to December	x	37	x	50	0	0	0	0	0	50	0	0
July to March	19	56	2	76	0	0	0	0	0	76	0	0
July to June	26	79	3	107	0	0	0	0	0	107	0	0
Potash 0-0-60-0												
July to September	x	x	x	x	13	x	x	x	1	73	1,418	x
July to December	x	x	x	x	51	x	40	x	x	237	x	x
July to March	x	x	111	177	69	69	82	219	5	396	4,153	x
July to June	46	71	179	296	103	103	127	334	8	629	5,466	x
Other fertilizer products⁸												
July to September	x	x	24	28	x	29	x	68	x	96	x	x
July to December	x	x	37	83	39	108	55	202	x	285	x	x
July to March	14	x	x	125	x	x	79	322	1	447	x	x
July to June	27	72	88	187	87	311	129	527	3	714	142	x

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

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6. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

7. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

8. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Historical annual shipments data are available in terminated CANSIM table 001-0064. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published. Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 5
Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, 2015/2016

	Production ¹		Inventories ²		Canada
	Canada	East	West	Canada	
thousand metric tonnes					
Ammonia (NH₃) 82-0-0-0 ³					
July to September	1,202	19	278		297
July to December	2,329	25	210		234
July to March	3,609	29	347		375
July to June	4,919	21	150		171
Urea 46-0-0 ⁴					
July to September	923	6	178		184
July to December	1,738	71	139		211
July to March	2,753	49	236		285
July to June	3,823	15	61		77
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵					
July to September	260	34	46		80
July to December	529	57	66		123
July to March	826	42	88		130
July to June	1,228	24	46		69
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0					
July to September	x	0 ^s	x		x
July to December	155	x	x		20
July to March	257	3	x		x
July to June	513	x	x		5
Ammonium sulphate (AS) 20-0-0-24 ⁶					
July to September	240	9	125		134
July to December	494	13	123		135
July to March	743	7	174		181
July to June	964	3	95		97
Monoammonium phosphate (MAP) 11-52-0					
July to September	x	18	55		73
July to December	x	36	57		93
July to March	x	31	118		149
July to June	x	6	79		85
Diammonium phosphate (DAP) 18-46-0					
July to September	0	1	0		1
July to December	0	10	0		10
July to March	0	6	0		6
July to June	0	8	0		8
Potash 0-0-60-0					
July to September	x	59	x		x
July to December	8,581	x	x		x
July to March	13,181	x	x		x
July to June	17,712	x	x		x
Other fertilizer products ⁷					
July to September	42	x	x		34
July to December	90	34	27		61
July to March	x	11	26		37
July to June	x	19	31		50

- Historical annual production data are available in terminated CANSIM table 001-0063. Fertilizer production includes Canadian producers. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published.
- Historical annual inventories data are available in terminated CANSIM table 001-0062. Fertilizer inventories include Canadian producers and wholesale distributors. Data represents market inventories at month end. Metric tonnes for some fertilizer products have been converted to the standard categories published.
- Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.
- Tonnes for ESN 44-0-0 are multiplied by 0.9565.
- Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.
- Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).
- Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 6
Canadian fertilizer by product type: cumulative production by fertilizer year; and inventories at month end, 2014/2015

	Production ¹		Inventories ²		Canada
	Canada	East	West	Canada	
thousand metric tonnes					
Ammonia (NH₃) 82-0-0-0 ³					
July to September	1,133	18	228		246
July to December	2,259	21	186		208
July to March	3,563	37	359		396
July to June	4,801	25	151		176
Urea 46-0-0 ⁴					
July to September	906	6	215		222
July to December	1,812	62	168		229
July to March	2,898	81	298		379
July to June	3,861	9	149		158
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵					
July to September	275	48	67		115
July to December	534	46	80		126
July to March	889	45	134		179
July to June	1,228	34	37		71
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0					
July to September	x	1	0		1
July to December	x	11	0		11
July to March	x	9	x		x
July to June	x	4	x		x
Ammonium sulphate (AS) 20-0-0-24 ⁶					
July to September	219	9	150		159
July to December	450	9	113		122
July to March	693	10	120		130
July to June	931	1	85		86
Monoammonium phosphate (MAP) 11-52-0					
July to September	x	x	x		89
July to December	x	21	72		94
July to March	x	40	109		149
July to June	x	x	x		56
Diammonium phosphate (DAP) 18-46-0					
July to September	0	2	0		2
July to December	0	6	0		6
July to March	0	2	0		2
July to June	0	3	0		3
Potash 0-0-60-0					
July to September	x	25	x		x
July to December	x	30	x		x
July to March	x	46	x		x
July to June	x	39	x		x
Other fertilizer products ⁷					
July to September	x	14	40		54
July to December	x	x	x		58
July to March	x	31	44		75
July to June	357	9	29		38

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- Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 7
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2015/2016

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	thousand metric tonnes									
Nitrogen										
July to September	6	13	20	39	84	161	156	401	4	440
July to December	14	59	103	176	211	428	351	990	9	1,166
July to March	22	72	120	214	254	619	464	1,337	14	1,551
July to June	41	157	207	405	419	1,038	675	2,133	20	2,538
Phosphate³										
July to September	x	x	x	51	41	60	69	170	x	221
July to December	22	x	x	146	75	151	130	356	x	501
July to March	36	x	x	174	115	241	171	527	x	701
July to June	x	x	128	244	181	359	241	781	x	1,025
Potash										
July to September	x	11	x	43	10	7	9	26	1	69
July to December	x	25	x	93	23	23	26	71	1	164
July to March	x	x	86	136	31	39	41	111	x	247
July to June	x	51	x	197	54	62	67	182	x	380
Sulphur⁴										
July to September	x	x	8	11	x	26	x	53	x	64
July to December	6	4	15	25	x	67	x	134	x	159
July to March	8	6	21	35	x	97	x	183	x	218
July to June	12	13	27	52	x	156	x	288	x	341

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. The phosphate tonnage includes amounts from all fertilizer products containing phosphates.

4. The sulphur tonnage includes amounts from all fertilizer products containing sulphur.

Note(s): Historical annual nutrient content shipments data are available in terminated CANSIM table 001-0065. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Nutrient content is derived by summing the percentage of each nutrient from the shipments of all fertilizer products. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 8
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2014/2015

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	thousand metric tonnes									
Nitrogen										
July to September	4	11	24	39	70	154	171	394	3	433
July to December	9	49	72	129	213	416	396	1,025	8	1,155
July to March	12	65	89	165	265	640	547	1,452	13	1,617
July to June	26	155	174	356	403	1,027	790	2,220	18	2,575
Phosphate³										
July to September	5	1	40	45	35	41	56	131	x	177
July to December	10	34	61	104	79	122	136	338	x	442
July to March	13	49	72	134	119	222	208	550	x	683
July to June	20	64	109	193	155	318	283	756	x	949
Potash										
July to September	x	x	x	x	8	x	x	x	1	46
July to December	x	x	x	x	31	x	24	x	x	148
July to March	x	x	75	118	41	41	49	132	3	249
July to June	30	48	121	199	62	62	77	201	5	400
Sulphur⁴										
July to September	1	1	5	7	x	14	x	32	x	39
July to December	3	6	9	18	x	51	x	113	x	131
July to March	4	9	15	28	x	83	x	170	x	199
July to June	7	18	22	46	x	137	x	271	x	317

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. The phosphate tonnage includes amounts from all fertilizer products containing phosphates.

4. The sulphur tonnage includes amounts from all fertilizer products containing sulphur.

Note(s): Historical annual nutrient content shipments data are available in terminated CANSIM table 001-0065. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Nutrient content is derived by summing the percentage of each nutrient from the shipments of all fertilizer products. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 9
Fertilizer shipments to Canadian agriculture and export markets, by product type, cumulative data, year-to-year change: 2014/2015 and 2015/2016

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²	United States	Other countries ³
	percent											
Ammonia (NH₃) 82-0-0-0⁴												
July to September	...	-25.0	-33.3	0.0	x	0.0	x	-6.9	...	-8.3	x	...
July to December	...	-25.0	0.0	-16.7	1.0	-2.2	-1.5	-0.8	-100.0	-1.5	42.3	...
July to March	...	-46.2	-25.0	-30.0	0.0	-4.1	0.0	-1.9	-100.0	-3.8	24.4	...
July to June	x	-50.0	x	x	0.6	-1.5	-10.7	-3.1	-100.0	x	20.9	...
Urea 46-0-0⁵												
July to September	0.0	-11.1	133.3	21.4	x	x	-13.0	1.1	16.7	1.5	x	...
July to December	0.0	66.7	150.0	109.2	2.7	3.3	-15.4	-5.9	6.7	0.8	-12.7	...
July to March	0.0	87.9	98.3	86.9	0.5	-5.7	-17.8	-10.6	9.1	-5.7	-2.3	...
July to June	18.2	22.1	70.5	44.9	11.9	-0.3	-16.3	-6.1	13.3	-1.8	x	...
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	...	x	x	-33.3	x	-34.5	x	-27.9	x	-28.8	x	...
July to December	...	x	x	-7.4	x	-22.3	x	-20.4	x	-17.1	x	...
July to March	...	x	x	-1.4	x	-14.4	x	-17.7	x	-14.3	x	...
July to June	...	x	x	-9.7	x	-7.3	x	-11.1	x	-10.7	x	...
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	x	x	x	...	...	x	...	22.2	x	...
July to December	x	x	x	x	x	...	...	x	...	4.1	x	...
July to March	x	x	x	x	x	...	...	x	...	15.4	x	...
July to June	x	x	x	x	x	...	...	x	...	-0.8	x	...
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	25.0	25.0	x	88.1	x	64.6	x	60.2	x	...
July to December	80.0	-40.0	50.0	36.4	x	38.4	x	18.5	x	19.6	x	...
July to March	33.3	0.0	46.7	28.1	x	21.1	x	5.5	x	6.9	x	...
July to June	28.6	-3.7	19.2	10.3	x	16.7	x	6.2	x	6.4	x	...
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	-13.8	12.3	x	x	28.0	27.5	x	23.5	...	...
July to December	1,000.0	92.9	42.7	56.3	-11.5	22.4	-6.6	1.1	x	11.4	...	...
July to March	1,100.0	27.3	39.7	44.3	-9.5	5.5	-20.2	-8.5	x	-1.1	x	...
July to June	x	41.7	x	24.4	12.9	8.4	-15.9	-0.4	x	3.3	x	...
Diammonium phosphate (DAP) 18-46-0												
July to September	-10.0	x	x	x	...	...	...	...	...	x	...	...
July to December	x	x	x	32.0	...	...	...	...	...	32.0	...	...
July to March	x	x	x	27.6	...	...	...	...	...	27.6	...	...
July to June	x	x	33.3	44.9	...	...	...	...	...	44.9	...	...
Potash 0-0-60-0												
July to September	x	x	x	x	30.8	x	x	x	0.0	45.2	-11.8	x
July to December	x	x	x	x	-25.5	x	5.0	x	x	7.2	x	x
July to March	x	x	10.8	11.3	-24.6	-5.8	-17.1	-16.0	x	-3.5	6.2	x
July to June	x	9.9	x	-4.4	-14.6	0.0	-12.6	-9.6	x	-7.0	11.0	x
Other fertilizer products⁸												
July to September	x	x	29.2	64.3	x	82.8	x	44.1	x	50.0	x	x
July to December	x	x	x	26.5	28.2	25.9	12.7	23.3	x	23.9	x	x
July to March	114.3	x	x	19.2	x	x	2.5	15.2	200.0	16.3	x	x
July to June	x	x	27.3	17.6	21.8	9.6	-16.3	5.3	66.7	8.5	-7.7	x

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. Offshore shipments include shipments exported to countries other than the United States.

4. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.

5. Tonnes for ESN 44-0-0 are multiplied by 0.9565.

6. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.

7. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).

8. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Historical annual shipments data are available in terminated CANSIM table 001-0064. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published. Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 10
Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, year-to-year change: 2014/2015 and 2015/2016

	Production ¹		Inventories ²	
	Canada	East	West	Canada
	percent			
Ammonia (NH₃) 82-0-0-0 ³				
July to September	6.1	5.6	21.9	20.7
July to December	3.1	19.0	12.9	12.5
July to March	1.3	-21.6	-3.3	-5.3
July to June	2.5	-16.0	-0.7	-2.8
Urea 46-0-0 ⁴				
July to September	1.9	0.0	-17.2	-17.1
July to December	-4.1	14.5	-17.3	-7.9
July to March	-5.0	-39.5	-20.8	-24.8
July to June	-1.0	66.7	-59.1	-51.3
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵				
July to September	-5.5	-29.2	-31.3	-30.4
July to December	-0.9	23.9	-17.5	-2.4
July to March	-7.1	-6.7	-34.3	-27.4
July to June	0.0	-29.4	24.3	-2.8
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	x	-100.0	x	x
July to December	x	x	x	81.8
July to March	x	-66.7	x	x
July to June	x	x	x	x
Ammonium sulphate (AS) 20-0-0-24 ⁶				
July to September	9.6	0.0	-16.7	-15.7
July to December	9.8	44.4	8.8	10.7
July to March	7.2	-30.0	45.0	39.2
July to June	3.5	200.0	11.8	12.8
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	x	x	-18.0
July to December	x	71.4	-20.8	-1.1
July to March	x	-22.5	8.3	0.0
July to June	x	x	x	51.8
Diammonium phosphate (DAP) 18-46-0				
July to September	...	-50.0	...	-50.0
July to December	...	66.7	...	66.7
July to March	...	200.0	...	200.0
July to June	...	166.7	...	166.7
Potash 0-0-60-0				
July to September	x	136.0	x	x
July to December	x	x	x	x
July to March	x	x	x	x
July to June	x	x	x	x
Other fertilizer products ⁷				
July to September	x	x	x	-37.0
July to December	x	x	x	5.2
July to March	x	-64.5	-40.9	-50.7
July to June	x	111.1	6.9	31.6

1. Historical annual production data are available in terminated CANSIM table 001-0063. Fertilizer production includes Canadian producers. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Metric tonnes for some fertilizer products have been converted to the standard categories published.
2. Historical annual inventories data are available in terminated CANSIM table 001-0062. Fertilizer inventories include Canadian producers and wholesale distributors. Data represents market inventories at month end. Metric tonnes for some fertilizer products have been converted to the standard categories published.
3. Tonnes for aqua ammonia (NH₃) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH₃) 27-0-0 are multiplied by 0.329.
4. Tonnes for ESN 44-0-0 are multiplied by 0.9565.
5. Tonnes for nitrogen solutions/urea ammonium nitrate (UAN) 32-0-0 are multiplied by 1.142.
6. Tonnes for ammonium thiosulphate (ATS) 15-0-0-20 are multiplied by 0.83. Elemental sulphur (0-0-0-90 and 0-0-0-85) is excluded from this category (included with other fertilizer products).
7. Other fertilizer products includes ammonium polyphosphate, phosphate and sulphur solutions, mixed fertilizer materials, elemental sulphur fertilizers and all other fertilizer products not included in the other product categories.

Note(s): Nutrient analysis is associated with each fertilizer product type as an industry standard, recognized as N-P-K-S. N represents nitrogen, P represents phosphate, K represents potassium and S represents sulphur. The values are expressed in percentages. Where the analysis contains only three numbers, sulphur is equal to zero. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

Table 11
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, year-to-year change: 2014/2015 and 2015/2016

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	percent									
Nitrogen										
July to September	50.0	18.2	-16.7	0.0	20.0	4.5	-8.8	1.8	33.3	1.6
July to December	55.6	20.4	43.1	36.4	-0.9	2.9	-11.4	-3.4	12.5	1.0
July to March	83.3	10.8	34.8	29.7	-4.2	-3.3	-15.2	-7.9	7.7	-4.1
July to June	57.7	1.3	19.0	13.8	4.0	1.1	-14.6	-3.9	11.1	-1.4
Phosphate³										
July to September	x	x	x	13.3	17.1	46.3	23.2	29.8	x	24.9
July to December	120.0	x	x	40.4	-5.1	23.8	-4.4	5.3	x	13.3
July to March	176.9	x	x	29.9	-3.4	8.6	-17.8	-4.2	x	2.6
July to June	x	x	17.4	26.4	16.8	12.9	-14.8	3.3	x	8.0
Potash										
July to September	x	x	x	x	25.0	x	x	x	0.0	50.0
July to December	x	x	x	x	-25.8	x	8.3	x	x	10.8
July to March	x	x	14.7	15.3	-24.4	-4.9	-16.3	-15.9	x	-0.8
July to June	x	6.2	x	-1.0	-12.9	0.0	-13.0	-9.5	x	-5.0
Sulphur⁴										
July to September	x	x	60.0	57.1	x	85.7	x	65.6	x	64.1
July to December	100.0	-33.3	66.7	38.9	x	31.4	x	18.6	x	21.4
July to March	100.0	-33.3	40.0	25.0	x	16.9	x	7.6	x	9.5
July to June	71.4	-27.8	22.7	13.0	x	13.9	x	6.3	x	7.6

1. For the purpose of this survey, Alberta includes Peace River, British Columbia.

2. The Canada shipments amount excludes British Columbia.

3. The phosphate tonnage includes amounts from all fertilizer products containing phosphates.

4. The sulphur tonnage includes amounts from all fertilizer products containing sulphur.

Note(s): Historical annual nutrient content shipments data are available in terminated CANSIM table 001-0065. Fertilizer shipments include Canadian producers, wholesale distributors and retail distributors. Nutrient content is derived by summing the percentage of each nutrient from the shipments of all fertilizer products. Data are compiled on a fertilizer year basis starting July 1 and ending June 30 the following year. Estimates for the most recent year are preliminary. Preliminary data are subject to revision. Due to rounding, components may not add to total (where applicable).

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Symbols

The following standard symbols are used in Statistics Canada publications:

.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0 ^s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
P	preliminary
r	revised
x	suppressed to meet the confidentiality requirements of the <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published
*	significantly different from reference category ($p < 0.05$)

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