

Service bulletin

Fertilizer Shipments Survey



2016

Highlights

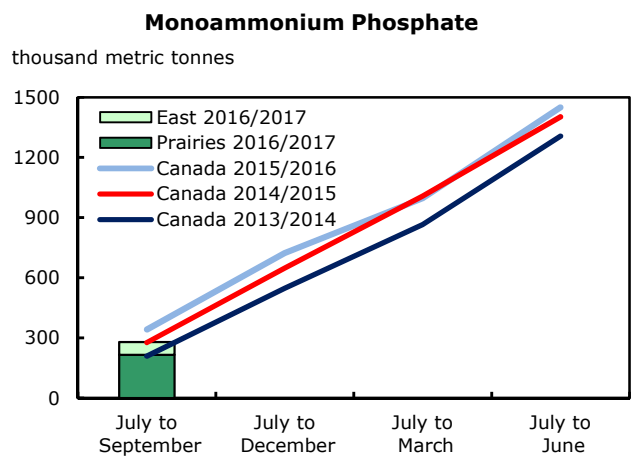
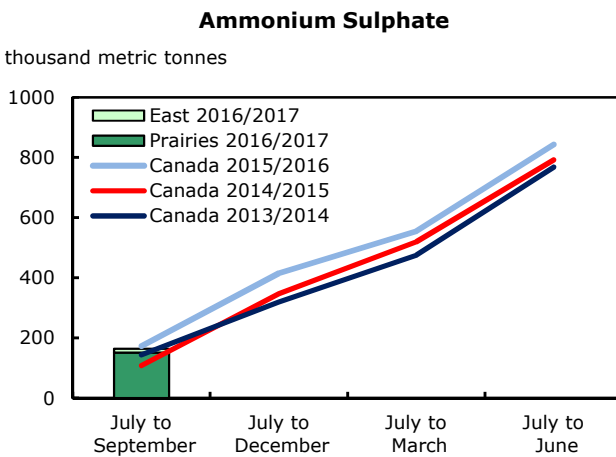
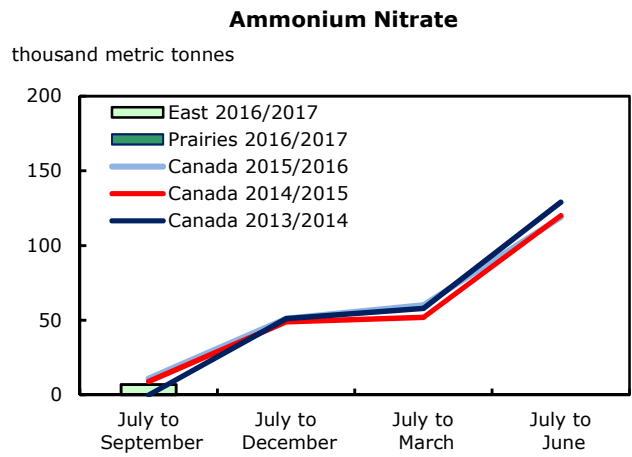
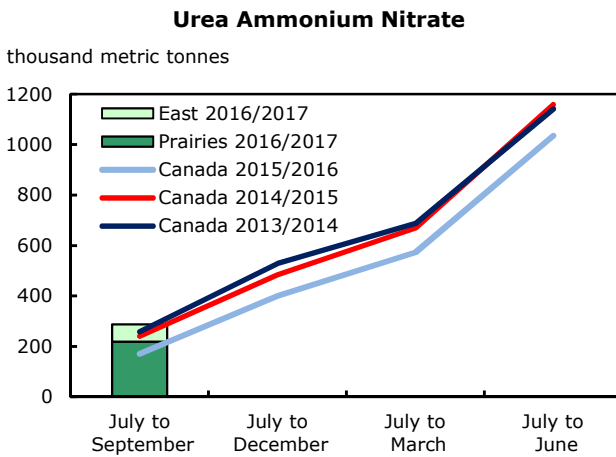
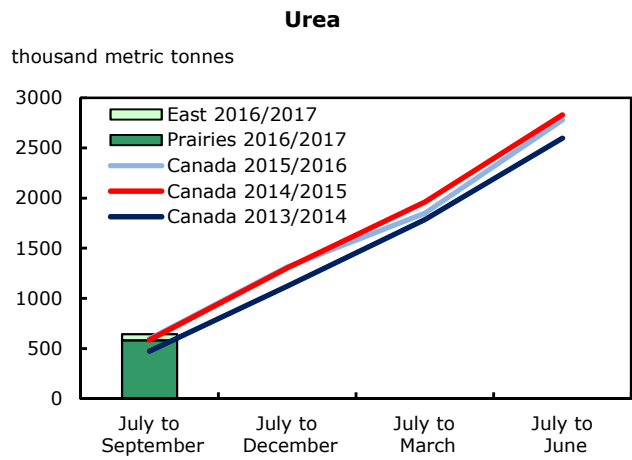
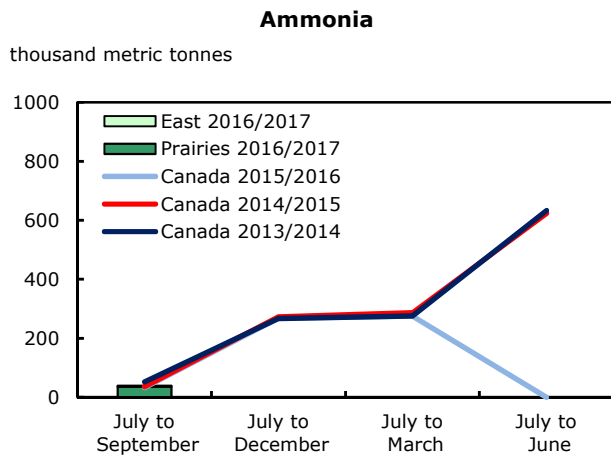
Table 1
Fertilizer Shipments, Canada (excluding British Columbia), July to September

	2014/2015	2015/2016	2016/2017	Change 2016/2017 over 2015/2016
	thousand metric tonnes			percent
Ammonia (NH ₃) 82-0-0-0	36	33	39	18.2
Urea 46-0-0	585	594	643	8.2
Urea ammonium nitrate (UAN) 28-0-0-0	240	171	289	69.0
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	9	11	7	-36.4
Ammonium sulphate (AS) 20-0-0-24	108	173	164	-5.2
Monoammonium phosphate (MAP) 11-52-0	277	342	280	-18.1
Diammonium phosphate (DAP) 18-46-0	12	x	x	x
Potash 0-0-60-0	73	106	124	17.0
Other fertilizer products	96	144	146	1.4

Table 2
Fertilizer Production, Canada, July to September

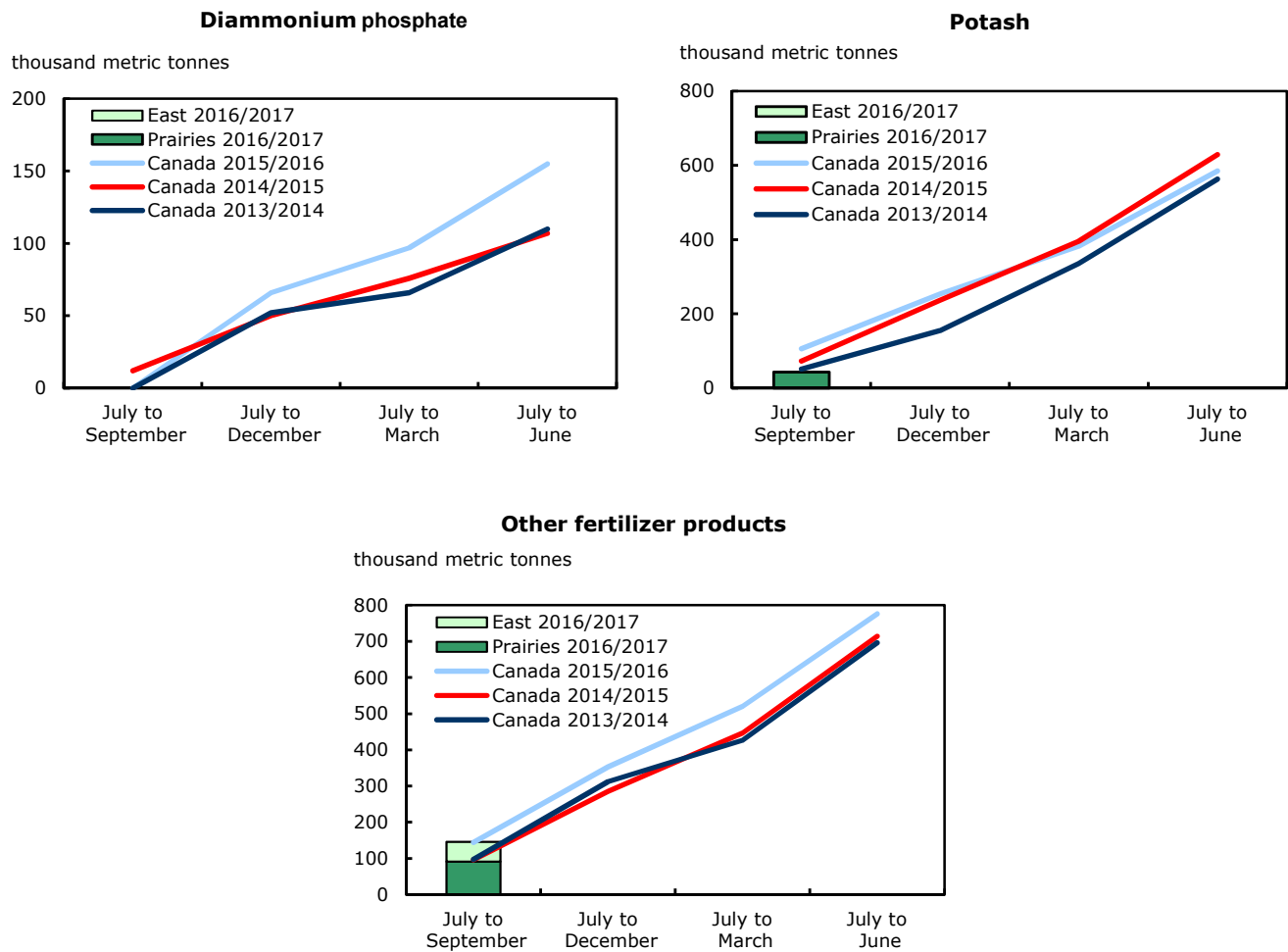
	2014/2015	2015/2016	2016/2017	Change 2016/2017 over 2015/2016
	thousand metric tonnes			percent
Ammonia (NH ₃) 82-0-0-0	1,133	1,202	1,155	-3.9
Urea 46-0-0	906	923	990	7.3
Urea ammonium nitrate (UAN) 28-0-0-0	275	260	357	37.3
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	x	x	x	x
Ammonium sulphate (AS) 20-0-0-24	219	240	256	6.7
Monoammonium phosphate (MAP) 11-52-0	x	x	x	x
Diammonium phosphate (DAP) 18-46-0	0	0	0	...
Potash 0-0-60-0	x	x	3,450	x
Other fertilizer products	x	42	40	-4.8

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



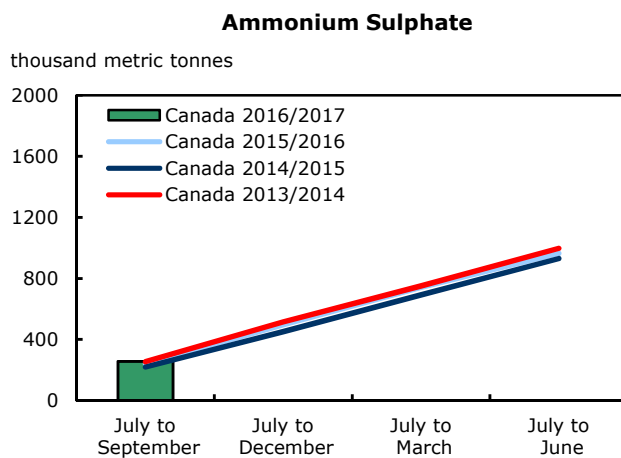
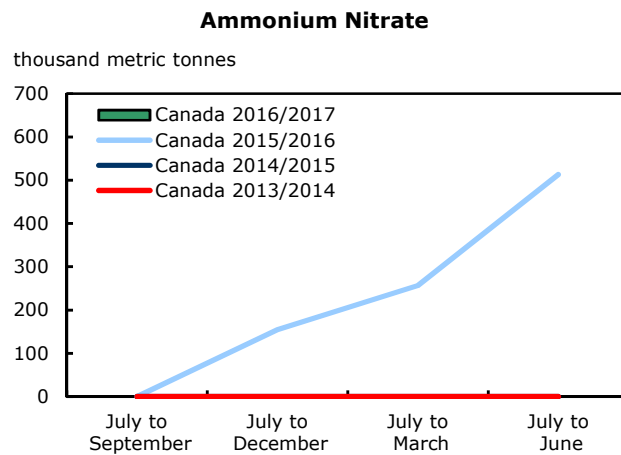
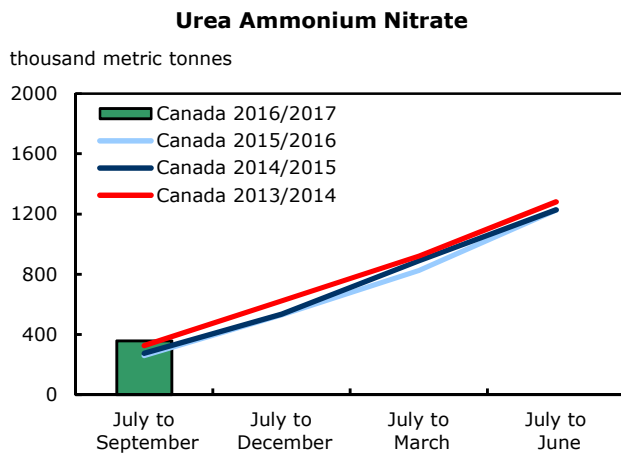
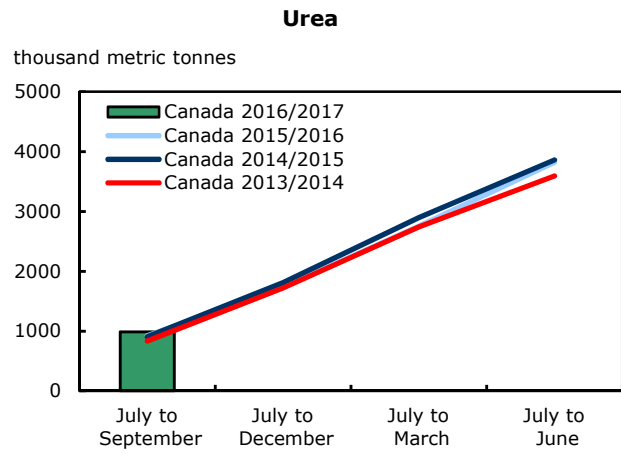
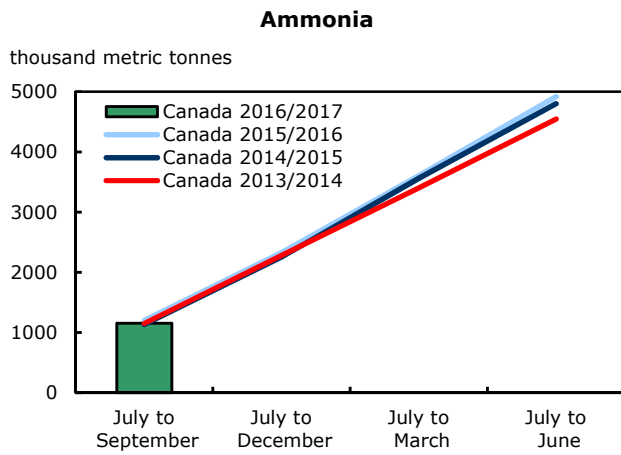
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

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



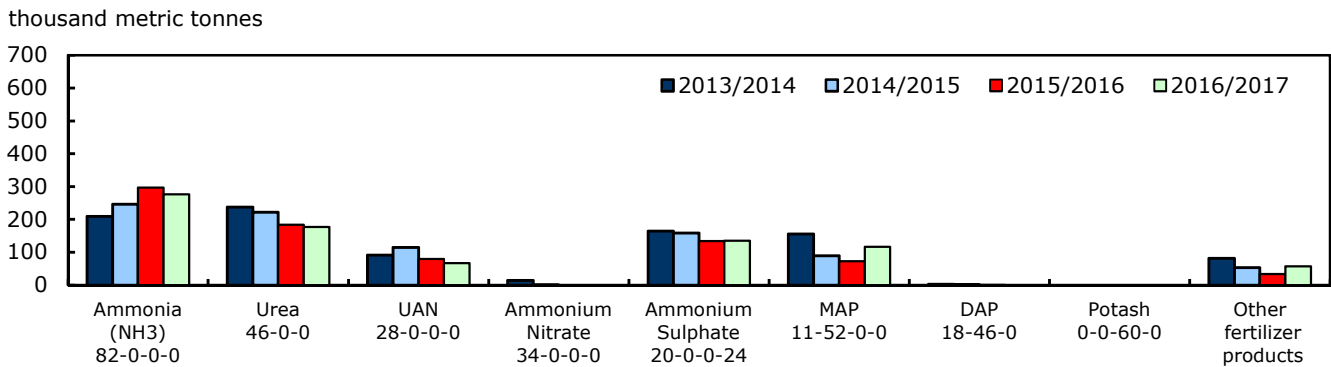
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

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



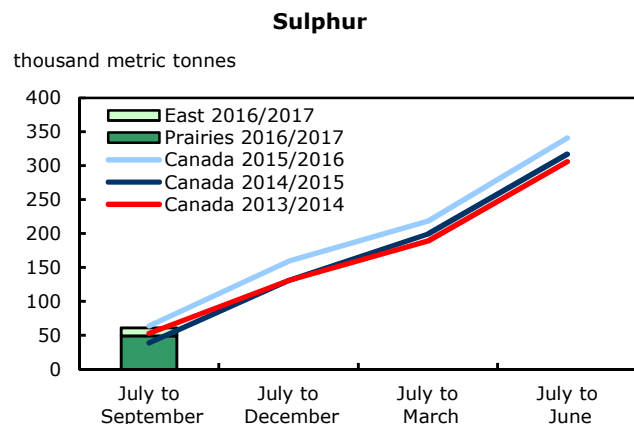
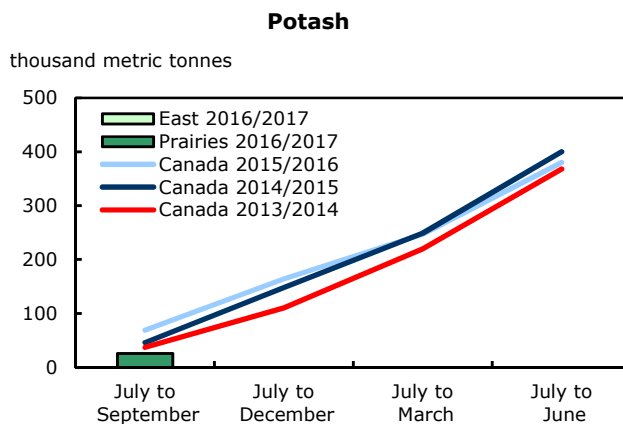
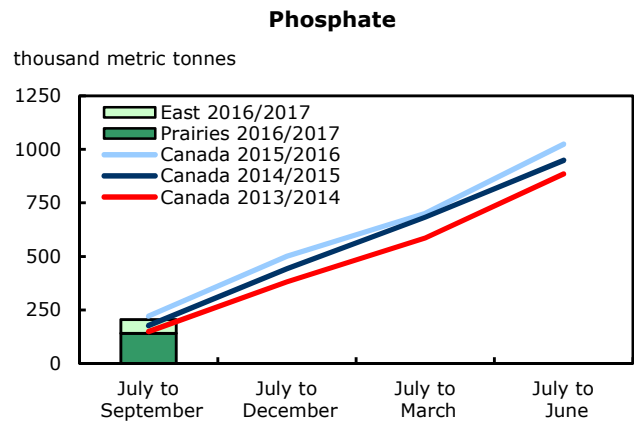
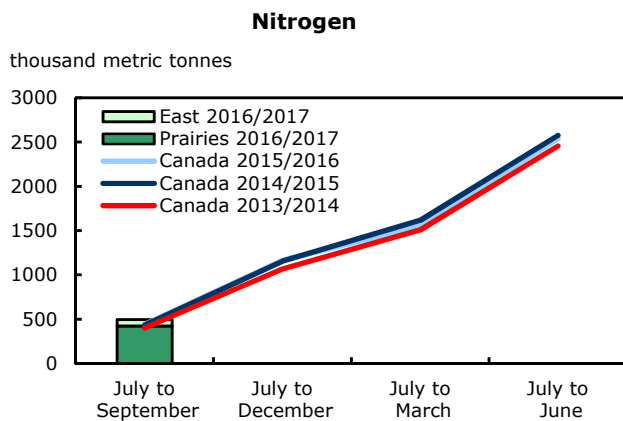
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

Chart 4
Fertilizer market inventories at month end, September, 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, 2016/2017

	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	1	1	3	x	18	x	36	0	39	314	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea 46-0-0⁵												
July to September	1	17	44	63	67	252	261	580	6	643	128	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	0 ^s	6	63	69	x	122	x	219	x	289	x	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	1	7	0	0	0	0	0	7	x	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	12	13	29	73	49	151	x	164	49	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	55	64	x	82	x	216	x	280	0	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Diammonium phosphate (DAP) 18-46-0												
July to September	33	x	0 ^s	x	0	0	0	0	0	x	0	0
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Potash 0-0-60-0												
July to September	x	14	x	x	16	x	x	43	x	124	1,472	x
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Other fertilizer products⁸												
July to September	11	x	x	55	24	x	x	91	x	146	x	x
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..

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, 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	221	106	341	108	555	5	776	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 5
Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, 2016/2017

	Production ¹		Inventories ²	
	Canada	East	West	Canada
thousand metric tonnes				
Ammonia (NH₃) 82-0-0-0 ³				
July to September	1,155	40	236	276
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Urea 46-0-0 ⁴				
July to September	990	16	161	177
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵				
July to September	357	17	51	67
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	x	8	x	x
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Ammonium sulphate (AS) 20-0-0-24 ⁶				
July to September	256	6	128	135
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	20	97	117
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Diammonium phosphate (DAP) 18-46-0				
July to September	0	0 ^s	0	0 ^s
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Potash 0-0-60-0				
July to September	3,450	57	x	x
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Other fertilizer products ⁷				
July to September	40	21	37	57
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..

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 6
Canadian fertilizer by product type: cumulative production by fertilizer year; and inventories at month end, 2015/2016

	Production ¹		Inventories ²	
	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

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 7
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2016/2017

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	thousand metric tonnes									
Nitrogen										
July to September	x	x	50	74	79	195	149	423	3	498
July to December	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Phosphate³										
July to September	x	x	33	64	34	57	50	141	x	204
July to December	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Potash										
July to September	x	10	x	x	10	x	x	26	x	80
July to December	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Sulphur⁴										
July to September	x	x	7	12	10	24	15	49	x	61
July to December	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..

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, 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	53	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 9
Fertilizer shipments to Canadian agriculture and export markets, by product type, cumulative data, year-to-year change: 2015/2016 and 2016/2017

	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	...	-66.7	-50.0	-50.0	x	80.0	x	33.3	...	18.2	-1.9	...
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	x	..	x	x	..	..	..	..	..	x	..	..
Urea 46-0-0⁵												
July to September	-50.0	112.5	528.6	270.6	x	x	0.0	0.5	-14.3	8.2	-43.1	...
July to December	..	..	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0⁶												
July to September	...	x	x	187.5	x	64.9	x	49.0	x	69.0	x	...
July to December	..	x	x	..	x	..	x	..	x	..	x	..
July to March	..	x	x	..	x	..	x	..	x	..	x	..
July to June	..	x	x	..	x	..	x	..	x	..	x	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	x	x	-50.0	-36.4	...	...	...	...	...	-36.4	x	...
July to December	x	x	..	..	..	..	..	..	..	..	x	..
July to March	x	x	x	..	..	..	..	..	..	..	x	..
July to June	x	x	..	..	..	..	..	..	..	..	x	..
Ammonium sulphate (AS) 20-0-0-24⁷												
July to September	x	x	20.0	-13.3	x	-7.6	x	-4.4	x	-5.2	x	...
July to December	..	..	..	..	x	..	x	..	x	..	x	..
July to March	..	..	..	..	x	..	x	..	x	..	x	..
July to June	..	..	..	..	x	..	x	..	x	..	x	..
Monoammonium phosphate (MAP) 11-52-0												
July to September	x	x	-1.8	-12.3	x	-1.2	x	-19.7	x	-18.1	...	...
July to December	..	..	..	..	..	..	..	..	x	..	..	..
July to March	..	..	..	..	..	..	..	..	x	..	x	..
July to June	x	..	x	..	..	..	..	..	x	..	x	..
Diammonium phosphate (DAP) 18-46-0												
July to September	266.7	x	...	x	...	...	...	...	...	x	...	...
July to December	x	x	..	..	..	..	..	..	..	..	..	..
July to March	x	x	x	..	..	..	..	..	..	..	..	..
July to June	x	x	..	..	..	..	..	..	..	..	..	..
Potash 0-0-60-0												
July to September	x	-22.2	x	x	-5.9	x	x	0.0	x	17.0	17.8	x
July to December	x	..	x	..	..	..	..	..	..	..	..	x
July to March	x	x	..	..	..	..	..	..	x	..	..	x
July to June	x	..	x	..	..	..	..	..	x	..	..	x
Other fertilizer products⁸												
July to September	37.5	x	x	19.6	4.3	x	x	-7.1	x	1.4	x	x
July to December	x	..	x	..	..	..	..	..	x	..	x	..
July to March	..	..	..	..	..	..	..	..	..	..	x	..
July to June	x	x	..	..	..	..	..	..	..	..	..	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: 2015/2016 and 2016/2017

	Production ¹		Inventories ²	
	Canada	East	West	Canada
	percent			
Ammonia (NH₃) 82-0-0-0 ³				
July to September	-3.9	110.5	-15.1	-7.1
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Urea 46-0-0 ⁴				
July to September	7.3	166.7	-9.6	-3.8
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 ⁵				
July to September	37.3	-50.0	10.9	-16.2
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	x	..	x	x
July to December	..	x	x	..
July to March	..	..	x	x
July to June	..	x	x	..
Ammonium sulphate (AS) 20-0-0-24 ⁶				
July to September	6.7	-33.3	2.4	0.7
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	11.1	76.4	60.3
July to December	x	..	..	..
July to March	x	..	..	..
July to June	x	..	..	..
Diammonium phosphate (DAP) 18-46-0				
July to September	..	-100.0	..	-100.0
July to December	..	..	..	..
July to March	..	..	..	..
July to June	..	..	..	..
Potash 0-0-60-0				
July to September	x	-3.4	x	x
July to December	..	x	x	x
July to March	..	x	x	x
July to June	..	x	x	x
Other fertilizer products ⁷				
July to September	-4.8	x	x	67.6
July to December	..	..	..	..
July to March	x	..	..	..
July to June	x	..	..	..

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: 2015/2016 and 2016/2017

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta ¹	Prairie provinces	British Columbia	Canada ²
	percent									
Nitrogen										
July to September	x	x	150.0	89.7	-6.0	21.1	-4.5	5.5	-25.0	13.2
July to December	..	..	..	..	..	..	..	..	..	..
July to March	..	..	..	..	..	..	..	..	..	..
July to June	..	..	..	..	..	..	..	..	..	..
Phosphate³										
July to September	x	x	x	25.5	-17.1	-5.0	-27.5	-17.1	x	-7.7
July to December	..	x	x	..	..	..	..	..	x	..
July to March	..	x	x	..	..	..	..	..	x	..
July to June	x	x	..	..	..	..	..	..	x	..
Potash										
July to September	x	-9.1	x	x	0.0	x	x	0.0	x	15.9
July to December	x	..	x	..	..	..	..	..	..	..
July to March	x	x	..	..	..	..	..	..	x	..
July to June	x	..	x	..	..	..	..	..	x	..
Sulphur⁴										
July to September	x	x	-12.5	9.1	x	-7.7	x	-7.5	x	-4.7
July to December	..	..	..	..	x	..	x	..	x	..
July to March	..	..	..	..	x	..	x	..	x	..
July to June	..	..	..	..	x	..	x	..	x	..

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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