

## Service bulletin

## Fertilizer Shipments Survey

2010



## Highlights

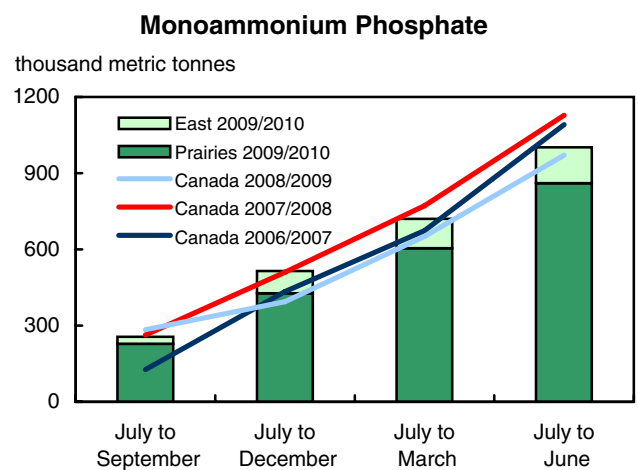
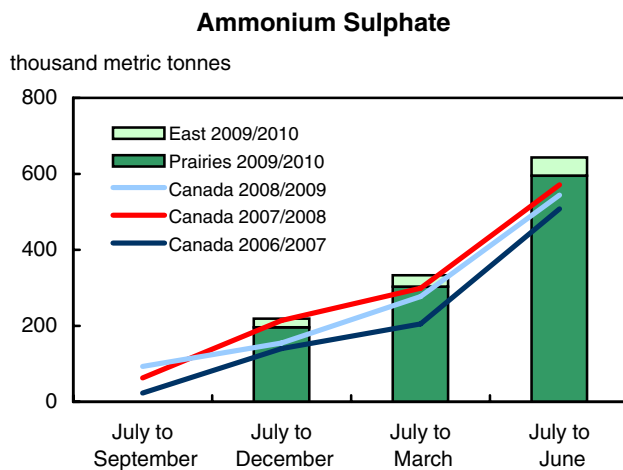
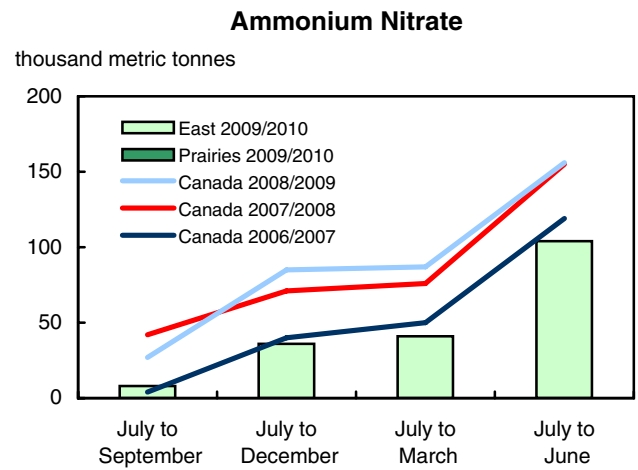
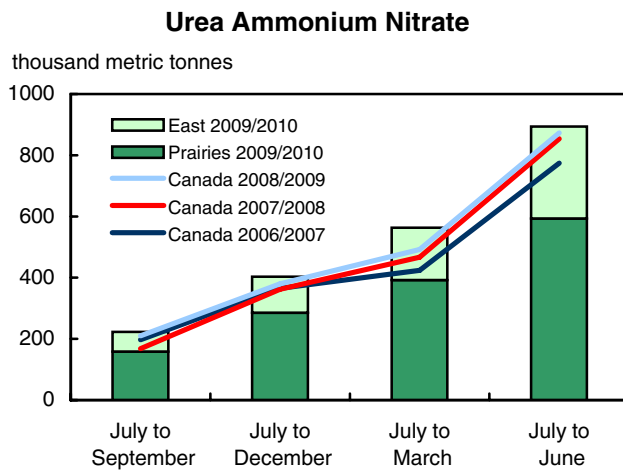
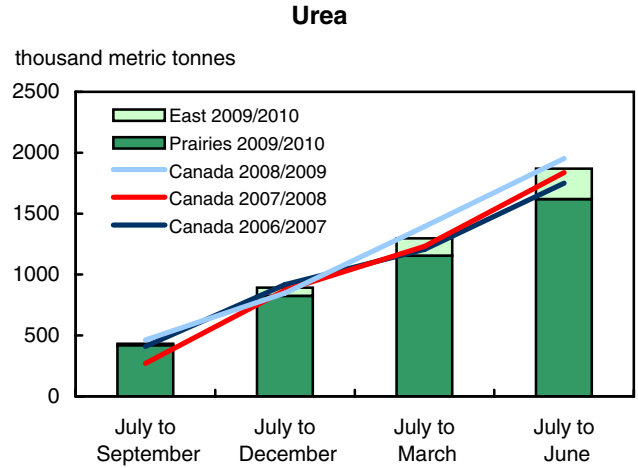
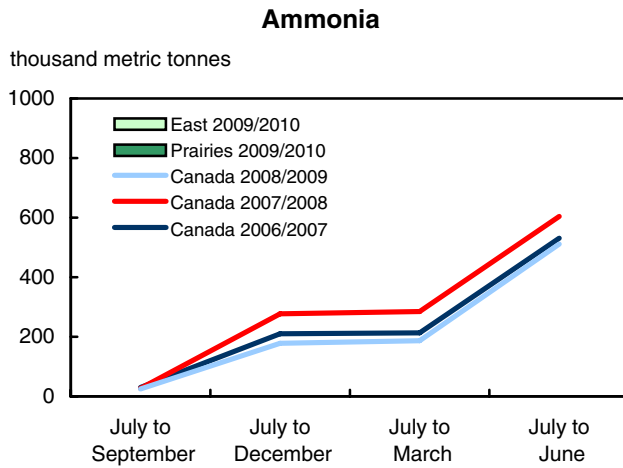
**Table 1**  
Fertilizer Shipments, Canada (excluding British Columbia), July to June

	2006/2007	2007/2008	2008/2009	2009/2010	Change 2009/2010 over 2008/2009
	thousand metric tonnes				percent
Ammonia (NH <sub>3</sub> ) 82-0-0-0	531	604	511	578	13.1
Urea 46-0-0	1,750	1,837	1,952	1,870	-4.2
Urea ammonium nitrate (UAN) 28-0-0-0	774	854	873	894	2.4
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	119	155	156	104	-33.3
Ammonium sulphate (AS) 20-0-0-24	508	571	544	643	18.2
Monoammonium phosphate (MAP) 11-52-0	1,091	1,128	971	1,002	3.2
Diammonium phosphate (DAP) 18-46-0	83	111	107	124	15.9
Potash 0-0-60-0	625	582	286	420	46.9
Other fertilizer products	198	195	149	270	81.2

**Table 2**  
Fertilizer Production, Canada, July to June

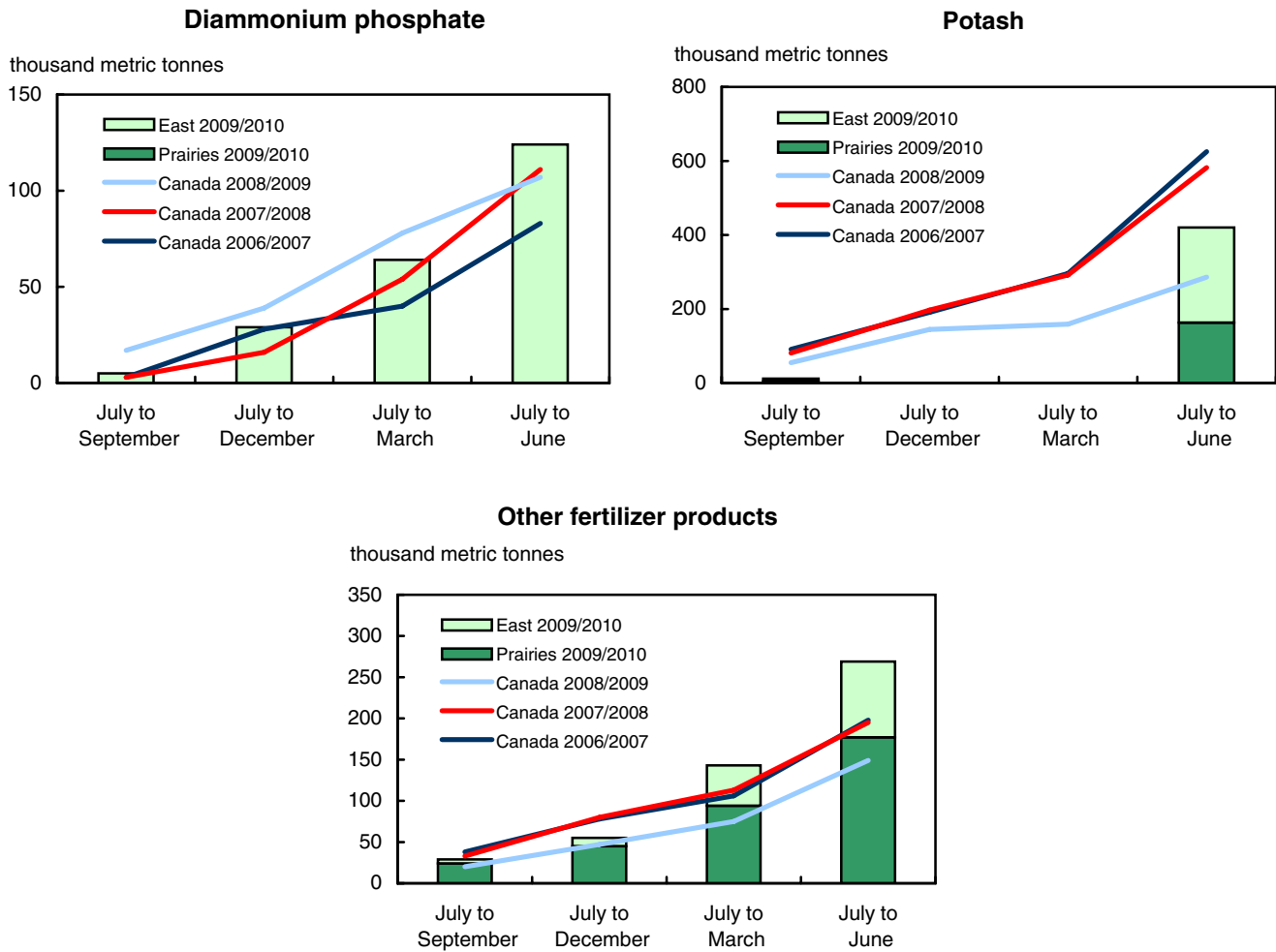
	2006/2007	2007/2008	2008/2009	2009/2010	Change 2009/2010 over 2008/2009
	thousand metric tonnes				percent
Ammonia (NH <sub>3</sub> ) 82-0-0-0	4,674	4,614	4,522	4,440	-1.8
Urea 46-0-0	3,433	3,429	3,571	3,538	-0.9
Urea ammonium nitrate (UAN) 28-0-0-0	1,284	1,408	1,180	1,046	-11.4
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	438	384	348	x	x
Ammonium sulphate (AS) 20-0-0-24	904	934	873	915	4.8
Monoammonium phosphate (MAP) 11-52-0	x	x	x	x	x
Diammonium phosphate (DAP) 18-46-0	0	0	0	0	...
Potash 0-0-60-0	16,745	18,012	11,325	11,729	3.6
Other fertilizer products	143	181	170	127	-25.3

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



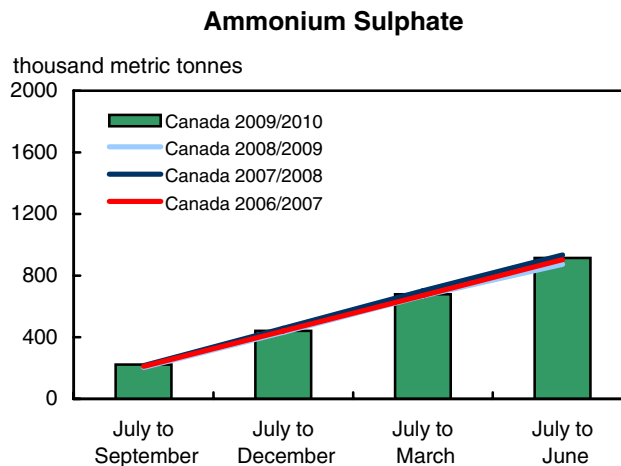
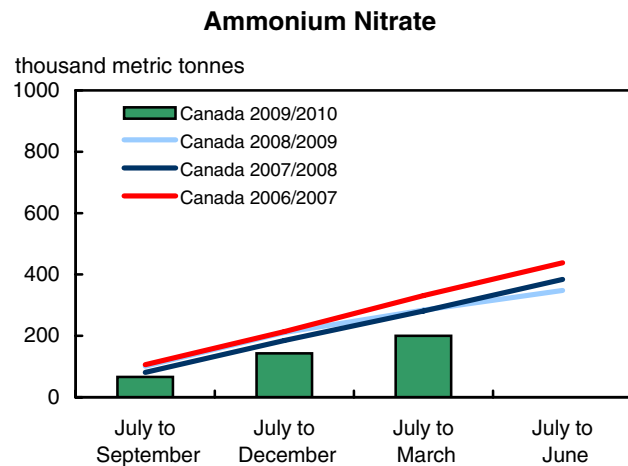
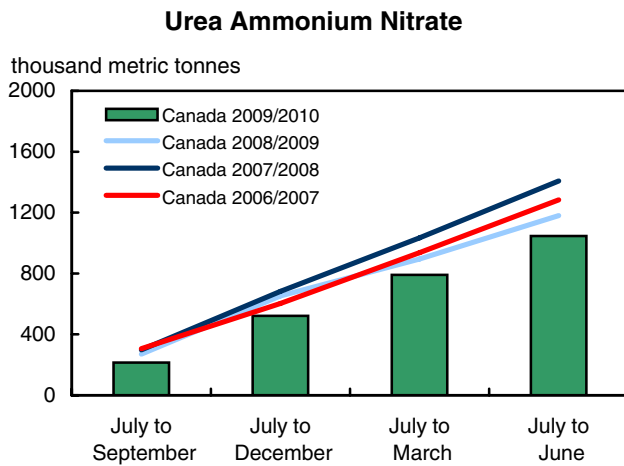
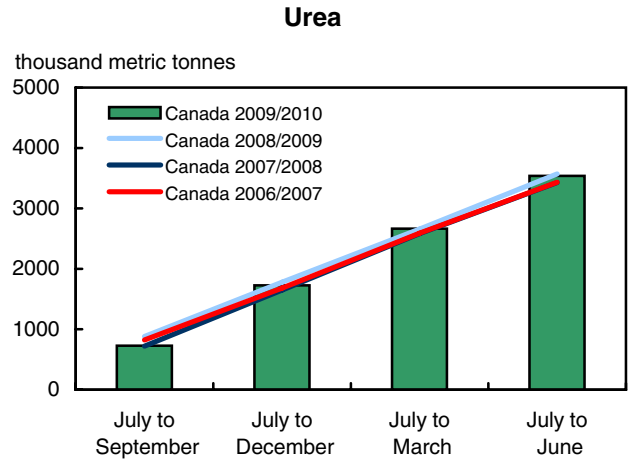
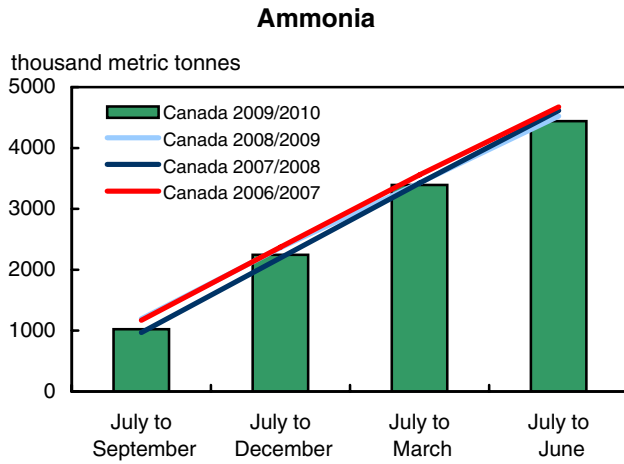
**Note(s):** Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

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



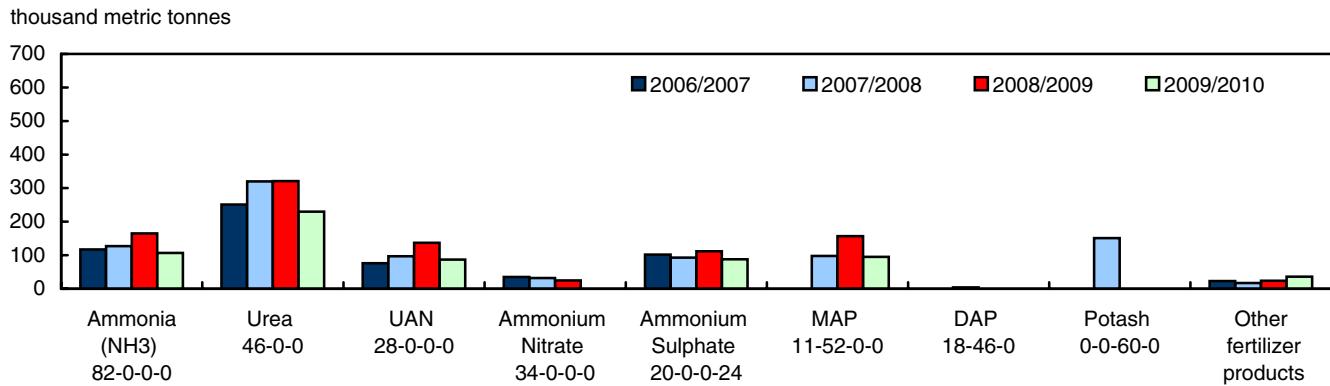
**Note(s):** Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

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



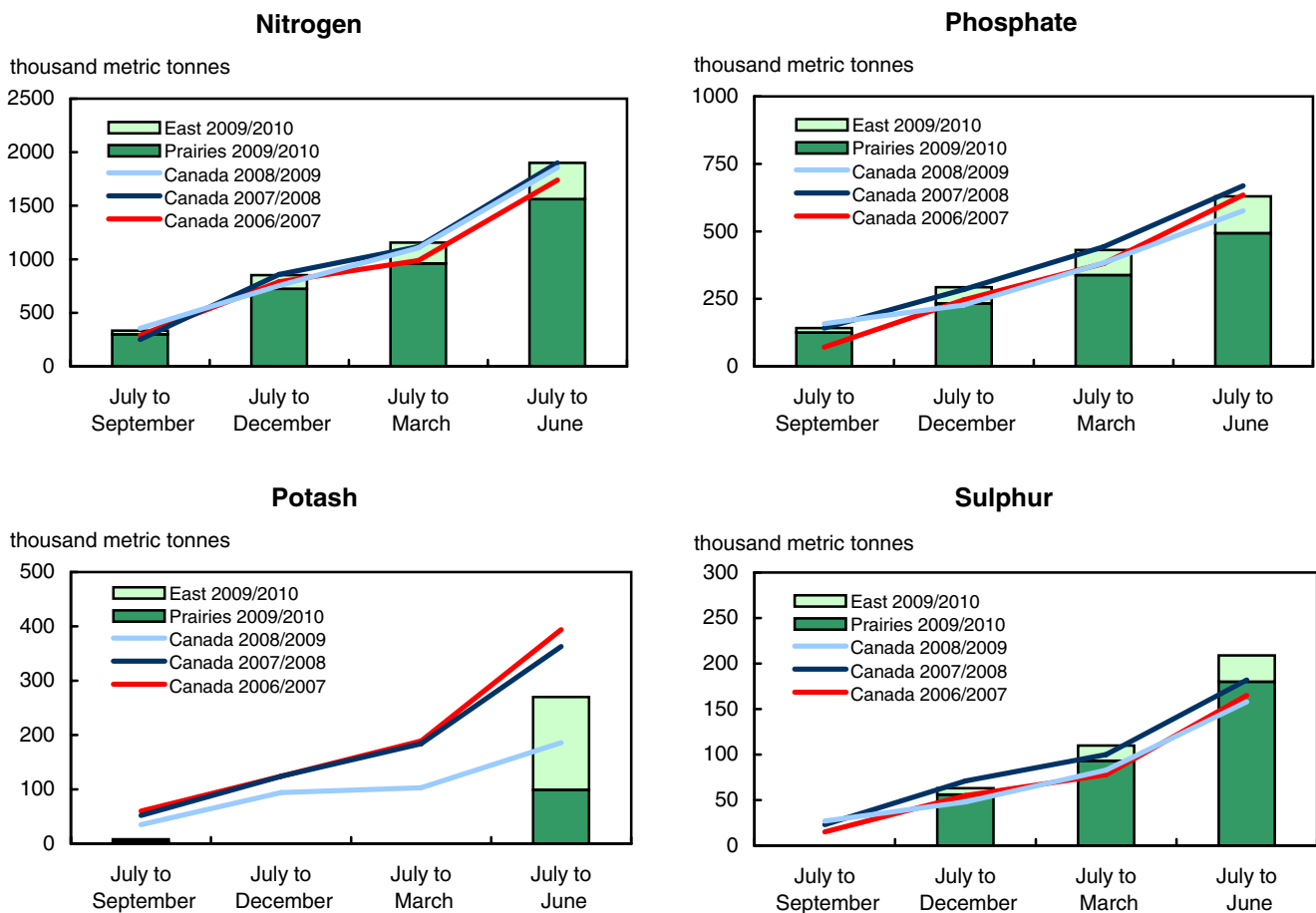
**Note(s):** Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

**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, 2009/2010**

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta <sup>1</sup>	Prairie provinces	British Columbia	Canada <sup>2</sup>	United States	Other <sup>3</sup> countries
thousand metric tonnes												
<b>Ammonia (NH<sub>3</sub>) 82-0-0-0<sup>4</sup></b>												
July to September	0	x	x	x	10	x	7	x	x	26	190	0
July to December	0	x	x	x	111	x	59	x	x	252	363	0
July to March	0	x	x	x	113	x	69	x	x	267	575	0
July to June	0	7	x	x	180	x	153	x	x	578	816	0
<b>Urea 46-0-0<sup>5</sup></b>												
July to September	x	5	x	13	70	149	199	419	x	431	306	x
July to December	3	19	45	68	132	316	376	824	x	892	691	x
July to March	5	39	99	143	169	474	511	1,154	14	1,297	1,142	x
July to June	7	83	161	250	227	651	742	1,619	19	1,870	1,593	x
<b>Urea ammonium nitrate (UAN) 28-0-0-0<sup>6</sup></b>												
July to September	0	16	48	65	x	99	x	158	x	223	x	0
July to December	0	18	100	118	x	163	x	285	x	403	x	0
July to March	0	18	153	171	142	222	28	392	x	563	319	0
July to June	0	67	234	301	189	351	53	593	x	894	436	0
<b>Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0</b>												
July to September	1	5	2	8	0 <sup>s</sup>	0	0	0 <sup>s</sup>	0	8	x	0
July to December	12	17	7	36	0 <sup>s</sup>	0	0	0 <sup>s</sup>	0	37	x	0
July to March	13	19	9	41	0 <sup>s</sup>	0	0	0 <sup>s</sup>	0	41	x	0
July to June	27	61	15	104	0 <sup>s</sup>	0	0	0 <sup>s</sup>	0	104	x	0
<b>Ammonium sulphate (AS) 20-0-0-24<sup>7</sup></b>												
July to September	x	x	x	x	x	34	28	x	1	82	x	x
July to December	8	8	6	23	39	79	78	196	2	219	x	x
July to March	11	9	10	30	59 <sup>r</sup>	130 <sup>r</sup>	114 <sup>r</sup>	303 <sup>r</sup>	x	333 <sup>r</sup>	x	x
July to June	14	17	17	48	117	267	211	595	7	643	x	x
<b>Monoammonium phosphate (MAP) 11-52-0</b>												
July to September	0	0 <sup>s</sup>	27	28	46	82	100	228	x	256	x	0
July to December	1	5	82	88	94	157	176	427	x	515	x	0
July to March	2	5	109	116	139	240	225	604	x	720	x	0
July to June	2	10	130	142	194	354	312	860	x	1,002	x	0
<b>Diammonium phosphate (DAP) 18-46-0</b>												
July to September	1	3	1	5	0	0	0	0	0	5	0	0
July to December	15	12	2	29	0	0	0	0	0	29	0	0
July to March	28	32	5	64	0	0	0	0	0	64	0	0
July to June	39	79	7	124	0	0	0	0	0	124	0	0
<b>Potash 0-0-60-0</b>												
July to September	0 <sup>s</sup>	1	5	7	1	1	3	5	1	12	678	1,230
July to December	x	x	x	x	8	x	12	x	2	56	1,876	2,227
July to March	x	x	x	x	25	x	36	x	5	237	4,129	4,143
July to June	50	53	154	257	56	39	68	163	8	420	5,356	6,221
<b>Other fertilizer products<sup>8</sup></b>												
July to September	0 <sup>s</sup>	2	3	5	7	7	10	24	1	29	x	x
July to December	0 <sup>s</sup>	5	5	10	16	14	15	45	1	55	x	x
July to March	7	12	30	49	26	41	27	94	3	143	x	x
July to June	10	24	59	92	46	86	45	177	5	270	48	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 (NH<sub>3</sub>) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH<sub>3</sub>) 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.

**Table 4**  
**Fertilizer shipments to Canadian agriculture and export markets, by product type and fertilizer year, cumulative data, 2008/2009**

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta <sup>1</sup>	Prairie provinces	British Columbia	Canada <sup>2</sup>	United States	Other <sup>3</sup> countries
thousand metric tonnes												
<b>Ammonia (NH<sub>3</sub>) 82-0-0-0<sup>4</sup></b>												
July to September	1	1	3	4	6	6	8	21	0	25	192	0
July to December	1	x	x	8	69	48	53	170	0 <sup>s</sup>	178	398	0
July to March	1	x	x	12	71	50	54	176	x	187	563	0
July to June	1	7	23	31	136	212	132	479	x	511	768	0
<b>Urea 46-0-0<sup>5</sup></b>												
July to September	2	29	55	86	48	164	164	376	x	463	339	0
July to December	x	x	111	149	104	291	304	699	x	848	638	0
July to March	7	43	153	203	175	493	523	1,191	12	1,394	1,024	x
July to June	9	81	198	288	237	670	757	1,664	18	1,952	1,447	x
<b>Urea ammonium nitrate (UAN) 28-0-0-0<sup>6</sup></b>												
July to September	0	34	42	76	x	78	x	134	x	210	x	0
July to December	0	37	113	150	x	117	x	230	x	380	x	0
July to March	0	37	142	179	x	162	x	313	x	492	x	0
July to June	0	86	255	341	178	311	43	532	x	873	x	0
<b>Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0</b>												
July to September	7	8	11	27	0	0	0	0	0	27	x	0
July to December	23	37	26	85	0	0	0	0	0	85	x	0
July to March	23	37	27	87	0	0	0	0	0	87	x	0
July to June	34	83	x	x	x	x	x	x	x	156	x	0
<b>Ammonium sulphate (AS) 20-0-0-24<sup>7</sup></b>												
July to September	x	x	8	19	15	31	28	74	x	93	x	x
July to December	x	x	9	20	26	58	50	135	x	155	x	x
July to March	x	x	10	21	42	113	102	256	x	277	x	x
July to June	8	15	15	37	93	228	186	507	x	544	x	x
<b>Monoammonium phosphate (MAP) 11-52-0</b>												
July to September	0 <sup>s</sup>	x	x	36	54	110	84	248	0 <sup>s</sup>	284	x	0
July to December	0 <sup>s</sup>	x	x	47	76	147	124	348	0 <sup>s</sup>	394	x	x
July to March	0 <sup>s</sup>	6	79	85	127	248	191	566	4	651	x	x
July to June	2	8	111	121	177	380	293	850	x	971	x	x
<b>Diammonium phosphate (DAP) 18-46-0</b>												
July to September	9	x	x	17	0	0	0	0	0	17	0	0
July to December	18	17	3	39	0	0	0	0	0	39	0	0
July to March	37	35	5	78	0	0	0	0	0	78	0	0
July to June	42	57	8	107	0	0	0	0	0	107	0	0
<b>Potash 0-0-60-0</b>												
July to September	5	4	16	24	x	x	x	31	1	55	1,695	2,328
July to December	10	18	58	87	x	x	x	59	1	145 <sup>r</sup>	3,112	4,048
July to March	10	19	60	90	x	x	x	69	3	159	3,684	4,622
July to June	x	x	97	157	76	x	x	129	5	286	4,231	4,961
<b>Other fertilizer products<sup>8</sup></b>												
July to September	0 <sup>s</sup>	1	11	12	4	x	x	8	x	20	x	x
July to December	4	7	20	32	7	5	4	15	x	47	x	x
July to March	5	8	24	36	x	13	x	39	2	75	x	x
July to June	11	15	39	65	22	33	29	84	6	149	88	8

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 (NH<sub>3</sub>) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH<sub>3</sub>) 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.

**Table 5**  
**Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, 2009/2010**

	Production <sup>1</sup>		Inventories <sup>2</sup>	
	Canada	East	West	Canada
thousand metric tonnes				
<b>Ammonia (NH<sub>3</sub>) 82-0-0-0 <sup>3</sup></b>				
July to September	1,023	32	208r	240r
July to December	2,245	40	201r	241r
July to March	3,394r	44	270r	314r
July to June	4,440	11	96	107
<b>Urea 46-0-0 <sup>4</sup></b>				
July to September	728	27	167	193
July to December	1,726	46	311	357
July to March	2,666	50	332	382
July to June	3,538	14	217	230
<b>Urea ammonium nitrate (UAN) 28-0-0-0 <sup>5</sup></b>				
July to September	215	39	77	116
July to December	522	52	116	167
July to March	791	53	147	200
July to June	1,046	14	73	87
<b>Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0</b>				
July to September	66	x	x	13
July to December	143	x	x	38
July to March	200	x	x	38
July to June	x	3	x	x
<b>Ammonium sulphate (AS) 20-0-0-24 <sup>6</sup></b>				
July to September	223	x	x	185
July to December	442	x	x	190
July to March	679r	4	192	196
July to June	915	1	87	88
<b>Monoammonium phosphate (MAP) 11-52-0</b>				
July to September	x	27	80	107
July to December	x	35	102	136
July to March	x	33	99	132
July to June	x	4	91	95
<b>Diammonium phosphate (DAP) 18-46-0</b>				
July to September	0	x	0	x
July to December	0	x	0	x
July to March	0	10	0	10
July to June	0	x	0	x
<b>Potash 0-0-60-0</b>				
July to September	1,465	46	x	x
July to December	3,773	62	x	x
July to March	7,525	46	x	x
July to June	11,729	30	x	x
<b>Other fertilizer products <sup>7</sup></b>				
July to September	x	x	x	25
July to December	x	x	x	40
July to March	x	19	37	56
July to June	127	11	25	36

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 (NH<sub>3</sub>) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH<sub>3</sub>) 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.



**Table 6**  
**Canadian fertilizer by product type: cumulative production by fertilizer year; and inventories at month end, 2008/2009**

	Production <sup>1</sup>		Inventories <sup>2</sup>	
	Canada	East	West	Canada
	thousand metric tonnes			
<b>Ammonia (NH<sub>3</sub>) 82-0-0-0 <sup>3</sup></b>				
July to September	1,194	23	256r	279r
July to December	2,363	43	212r	255r
July to March	3,428	44	285r	328r
July to June	4,522	25	140r	165r
<b>Urea 46-0-0 <sup>4</sup></b>				
July to September	880	110	277	388
July to December	1,779	162	427	589
July to March	2,658	150	325	475
July to June	3,571	29	292	321
<b>Urea ammonium nitrate (UAN) 28-0-0-0 <sup>5</sup></b>				
July to September	270	64	68	132
July to December	653	95	157	252
July to March	895	103	177	280
July to June	1,180	14	123	137
<b>Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0</b>				
July to September	101	x	x	34
July to December	211	x	x	54
July to March	284	x	x	89
July to June	348	x	x	25
<b>Ammonium sulphate (AS) 20-0-0-24 <sup>6</sup></b>				
July to September	204	12	121	133
July to December	432	12	208	220
July to March	668	11	220	231
July to June	873	x	x	112
<b>Monoammonium phosphate (MAP) 11-52-0</b>				
July to September	x	27	85	112
July to December	x	31	155	186
July to March	x	38	201	239
July to June	x	21	136	157
<b>Diammonium phosphate (DAP) 18-46-0</b>				
July to September	0	12	0	12
July to December	0	18	0	18
July to March	0	16	0	16
July to June	0	x	0	x
<b>Potash 0-0-60-0</b>				
July to September	3,740	36	x	x
July to December	7,839	35	x	x
July to March	10,004	46	x	x
July to June	11,325	63	x	x
<b>Other fertilizer products <sup>7</sup></b>				
July to September	x	x	x	19
July to December	48	x	x	29
July to March	x	16	15	31
July to June	170	x	x	24

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 (NH<sub>3</sub>) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH<sub>3</sub>) 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.

**Table 7**  
**Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2009/2010**

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta <sup>1</sup>	Prairie provinces	British Columbia	Canada <sup>2</sup>
	thousand metric tonnes									
<b>Nitrogen</b>										
July to September	1	10	23	35	60	118	121	299	x	334
July to December	10	25	94	129	199	259	265	723	x	852
July to March	14	39	141	195r	239r	371r	350r	960r	20	1,155r
July to June	22	102	214	339	354	645	562	1,561	24	1,900
<b>Phosphate<sup>3</sup></b>										
July to September	1	2	15	17	26	45	54	125	x	142
July to December	8	8	44	60	54	85	95	233	x	293
July to March	14	18	61r	93r	79r	136r	123r	338r	x	431r
July to June	19	42	75	137	113	208	172	493	x	630
<b>Potash</b>										
July to September	0 <sup>s</sup>	1	4	5	1r	1r	2r	3r	1	8r
July to December	x	x	x	x	x	x	x	x	1	36r
July to March	x	x	x	x	15	x	22	x	4	153
July to June	32	36	104	171	34	23	41	99	5	269
<b>Sulphur<sup>4</sup></b>										
July to September	x	x	x	x	x	9	8	x	0 <sup>s</sup>	24
July to December	2	3	2	7	11	23	22	56	1	63
July to March	4	5	8	17r	18	40r	34r	93r	2	110r
July to June	5	8	16	29	36	82	62	180	3	209

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.

**Table 8**  
**Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2008/2009**

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta <sup>1</sup>	Prairie provinces	British Columbia	Canada <sup>2</sup>
	thousand metric tonnes									
<b>Nitrogen</b>										
July to September	7	29	49	85	48	121	101	270	x	355
July to December	15	44	103	162	146	234	212	592	x	754
July to March	19	53	138	211	198	364	334	896	10	1,107
July to June	26	110	209	344	310	660	543	1,513	20	1,857
<b>Phosphate<sup>3</sup></b>										
July to September	4	5	18	27	29	58	44	131	0 <sup>s</sup>	158
July to December	9	11	23	43	41	77	65	184	0 <sup>s</sup>	227
July to March	17	19	44	81	69	132	102	302	2	383
July to June	21	30	63	114	98	207	158	463	x	576
<b>Potash</b>										
July to September	3	3	11	17	x	x	x	19	1	35
July to December	7	13	39	59	x	x	x	36	1	94
July to March	7	13	41	61	x	x	x	42	2	103
July to June	x	x	67	108	46	x	x	78	4	186
<b>Sulphur<sup>4</sup></b>										
July to September	x	x	4	7	4	9	7	20	x	27
July to December	x	x	6	11	7	16	13	37	x	48
July to March	x	x	7	13	12	31	27	70	x	83
July to June	3	7	11	22	25	60	51	136	x	158

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.

**Table 9**  
**Fertilizer shipments to Canadian agriculture and export markets, by product type, cumulative data, year-to-year change: 2008/2009 and 2009/2010**

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta <sup>1</sup>	Prairie provinces	British Columbia	Canada <sup>2</sup>	United States	Other countries <sup>3</sup>
	percent											
<b>Ammonia (NH3) 82-0-0-0<sup>4</sup></b>												
July to September	-100.0	x	x	x	66.7	x	-12.5	x	x	4.0	-1.0	...
July to December	-100.0	x	x	x	60.9	x	11.3	x	x	41.6	-8.8	...
July to March	-100.0	x	x	x	59.2	x	27.8	x	x	42.8	2.1	...
July to June	-100.0	0.0	x	x	32.4	x	15.9	x	x	13.1	6.2	...
<b>Urea 46-0-0<sup>5</sup></b>												
July to September	x	-82.8	x	-84.9	45.8	-9.1	21.3	11.4	x	-6.9	-9.7	x
July to December	x	x	-59.5	-54.4	26.9	8.6	23.7	17.9	x	5.2	8.3	x
July to March	-28.6	-9.3	-35.3	-29.6	-3.4	-3.9	-2.3	-3.1	16.7	-7.0	11.5	x
July to June	-22.2	2.5	-18.7	-13.2	-4.2	-2.8	-2.0	-2.7	5.6	-4.2	10.1	x
<b>Urea ammonium nitrate (UAN) 28-0-0-0<sup>6</sup></b>												
July to September	...	-52.9	14.3	-14.5	x	26.9	x	17.9	x	6.2	x	...
July to December	...	-51.4	-11.5	-21.3	x	39.3	x	23.9	x	6.1	x	...
July to March	...	-51.4	7.7	-4.5	x	37.0	x	25.2	x	14.4	x	...
July to June	...	-22.1	-8.2	-11.7	6.2	12.9	23.3	11.5	x	2.4	x	...
<b>Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0</b>												
July to September	-85.7	-37.5	-81.8	-70.4	...	...	...	...	...	-70.4	x	...
July to December	-47.8	-54.1	-73.1	-57.6	...	...	...	...	...	-56.5	x	...
July to March	-43.5	-48.6	-66.7	-52.9	...	...	...	...	...	-52.9	x	...
July to June	-20.6	-26.5	x	x	x	x	x	x	x	-33.3	x	...
<b>Ammonium sulphate (AS) 20-0-0-24<sup>7</sup></b>												
July to September	x	x	x	x	x	9.7	0.0	x	x	-11.8	x	x
July to December	x	x	-33.3	15.0	50.0	36.2	56.0	45.2	x	41.3	x	x
July to March	x	x	0.0	42.9	40.5r	15.0r	11.8r	18.4r	x	20.2r	x	x
July to June	75.0	13.3	13.3	29.7	25.8	17.1	13.4	17.4	x	18.2	x	x
<b>Monoammonium phosphate (MAP) 11-52-0</b>												
July to September	...	x	x	-22.2	-14.8	-25.5	19.0	-8.1	x	-9.9	x	...
July to December	...	x	x	87.2	23.7	6.8	41.9	22.7	x	30.7	x	x
July to March	...	-16.7	38.0	36.5	9.4	-3.2	17.8	6.7	x	10.6	x	x
July to June	0.0	25.0	17.1	17.4	9.6	-6.8	6.5	1.2	x	3.2	x	x
<b>Diammonium phosphate (DAP) 18-46-0</b>												
July to September	-88.9	x	x	-70.6	...	...	...	...	...	-70.6	...	...
July to December	-16.7	-29.4	-33.3	-25.6	...	...	...	...	...	-25.6	...	...
July to March	-24.3	-8.6	0.0	-17.9	...	...	...	...	...	-17.9	...	...
July to June	-7.1	38.6	-12.5	15.9	...	...	...	...	...	15.9	...	...
<b>Potash 0-0-60-0</b>												
July to September	-100.0	-75.0	-68.8	-70.8	x	x	x	-83.9	0.0	-78.2	-60.0	-47.2
July to December	x	x	x	x	x	x	x	x	100.0	-61.4	-39.7	-45.0
July to March	x	x	x	x	x	x	x	x	66.7	49.1	12.1	-10.4
July to June	x	x	58.8	63.7	-26.3	x	x	26.4	60.0	46.9	26.6	25.4
<b>Other fertilizer products<sup>8</sup></b>												
July to September	...	100.0	-72.7	-58.3	75.0	x	x	200.0	x	45.0	x	x
July to December	-100.0	-28.6	-75.0	-68.8	128.6	180.0	275.0	200.0	x	17.0	x	x
July to March	40.0	50.0	25.0	36.1	x	215.4	x	141.0	50.0	90.7	x	x
July to June	-9.1	60.0	51.3	41.5	109.1	160.6	55.2	110.7	-16.7	81.2	-45.5	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.

**Table 10**  
**Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, year-to-year change: 2008/2009 and 2009/2010**

	Production <sup>1</sup>		Inventories <sup>2</sup>	
	Canada	East	West	Canada
	percent			
<b>Ammonia (NH<sub>3</sub>) 82-0-0-0 <sup>3</sup></b>				
July to September	-14.3	39.1	-18.8r	-14.0r
July to December	-5.0	-7.0	-5.2r	-5.5r
July to March	-1.0r	0.0	-5.3r	-4.3r
July to June	-1.8	-56.0	-31.4	-35.2
<b>Urea 46-0-0 <sup>4</sup></b>				
July to September	-17.3	-75.5	-39.7	-50.3
July to December	-3.0	-71.6	-27.2	-39.4
July to March	0.3	-66.7	2.2	-19.6
July to June	-0.9	-51.7	-25.7	-28.3
<b>Urea ammonium nitrate (UAN) 28-0-0-0 <sup>5</sup></b>				
July to September	-20.4	-39.1	13.2	-12.1
July to December	-20.1	-45.3	-26.1	-33.7
July to March	-11.6	-48.5	-16.9	-28.6
July to June	-11.4	0.0	-40.7	-36.5
<b>Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0</b>				
July to September	-34.7	x	x	-61.8
July to December	-32.2	x	x	-29.6
July to March	-29.6	x	x	-57.3
July to June	x	x	x	x
<b>Ammonium sulphate (AS) 20-0-0-24 <sup>6</sup></b>				
July to September	9.3	x	x	39.1
July to December	2.3	x	x	-13.6
July to March	1.6r	-63.6	-12.7	-15.2
July to June	4.8	x	x	-21.4
<b>Monoammonium phosphate (MAP) 11-52-0</b>				
July to September	x	0.0	-5.9	-4.5
July to December	x	12.9	-34.2	-26.9
July to March	x	-13.2	-50.7	-44.8
July to June	x	-81.0	-33.1	-39.5
<b>Diammonium phosphate (DAP) 18-46-0</b>				
July to September	...	x	...	x
July to December	...	x	...	x
July to March	...	-37.5	...	-37.5
July to June	...	x	...	x
<b>Potash 0-0-60-0</b>				
July to September	-60.8	27.8	x	x
July to December	-51.9	77.1	x	x
July to March	-24.8	0.0	x	x
July to June	3.6	-52.4	x	x
<b>Other fertilizer products <sup>7</sup></b>				
July to September	x	x	x	31.6
July to December	x	x	x	37.9
July to March	x	18.8	146.7	80.6
July to June	-25.3	x	x	50.0

- 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 (NH<sub>3</sub>) 24-0-0 are divided by 3.4; tonnes for aqua ammonia (NH<sub>3</sub>) 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.

**Table 11**  
**Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, year-to-year change: 2008/2009 and 2009/2010**

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskatchewan	Alberta <sup>1</sup>	Prairie provinces	British Columbia	Canada <sup>2</sup>
	percent									
<b>Nitrogen</b>										
July to September	-85.7	-65.5	-53.1	-58.8	25.0	-2.5	19.8	10.7	x	-5.9
July to December	-33.3	-43.2	-8.7	-20.4	36.3	10.7	25.0	22.1	x	13.0
July to March	-26.3	-26.4	2.2	-7.6r	20.7r	1.9r	4.8r	7.1r	100.0	4.3r
July to June	-15.4	-7.3	2.4	-1.5	14.2	-2.3	3.5	3.2	20.0	2.3
<b>Phosphate<sup>3</sup></b>										
July to September	-75.0	-60.0	-16.7	-37.0	-10.3	-22.4	22.7	-4.6	x	-10.1
July to December	-11.1	-27.3	91.3	39.5	31.7	10.4	46.2	26.6	x	29.1
July to March	-17.6	-5.3	38.6r	14.8r	14.5r	3.0r	20.6r	11.9r	x	12.5r
July to June	-9.5	40.0	19.0	20.2	15.3	0.5	8.9	6.5	x	9.4
<b>Potash</b>										
July to September	-100.0	-66.7	-63.6	-70.6	xr	xr	xr	-84.2r	0.0	-77.1r
July to December	x	x	x	x	x	x	x	x	0.0	-61.7r
July to March	x	x	x	x	x	x	x	x	100.0	48.5
July to June	x	x	55.2	58.3	-26.1	x	x	26.9	25.0	44.6
<b>Sulphur<sup>4</sup></b>										
July to September	x	x	x	x	x	0.0	14.3	x	x	-11.1
July to December	x	x	-66.7	-36.4	57.1	43.8	69.2	51.4	x	31.2
July to March	x	x	14.3	30.8r	50.0	29.0r	25.9r	32.9r	x	32.5r
July to June	66.7	14.3	45.5	31.8	44.0	36.7	21.6	32.4	x	32.3

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.

Release date: August 2010

### 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 <sup>s</sup>	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

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