Catalogue no. 21-022-X

Service bulletin

Fertilizer Shipments Survey

2011

Highlights

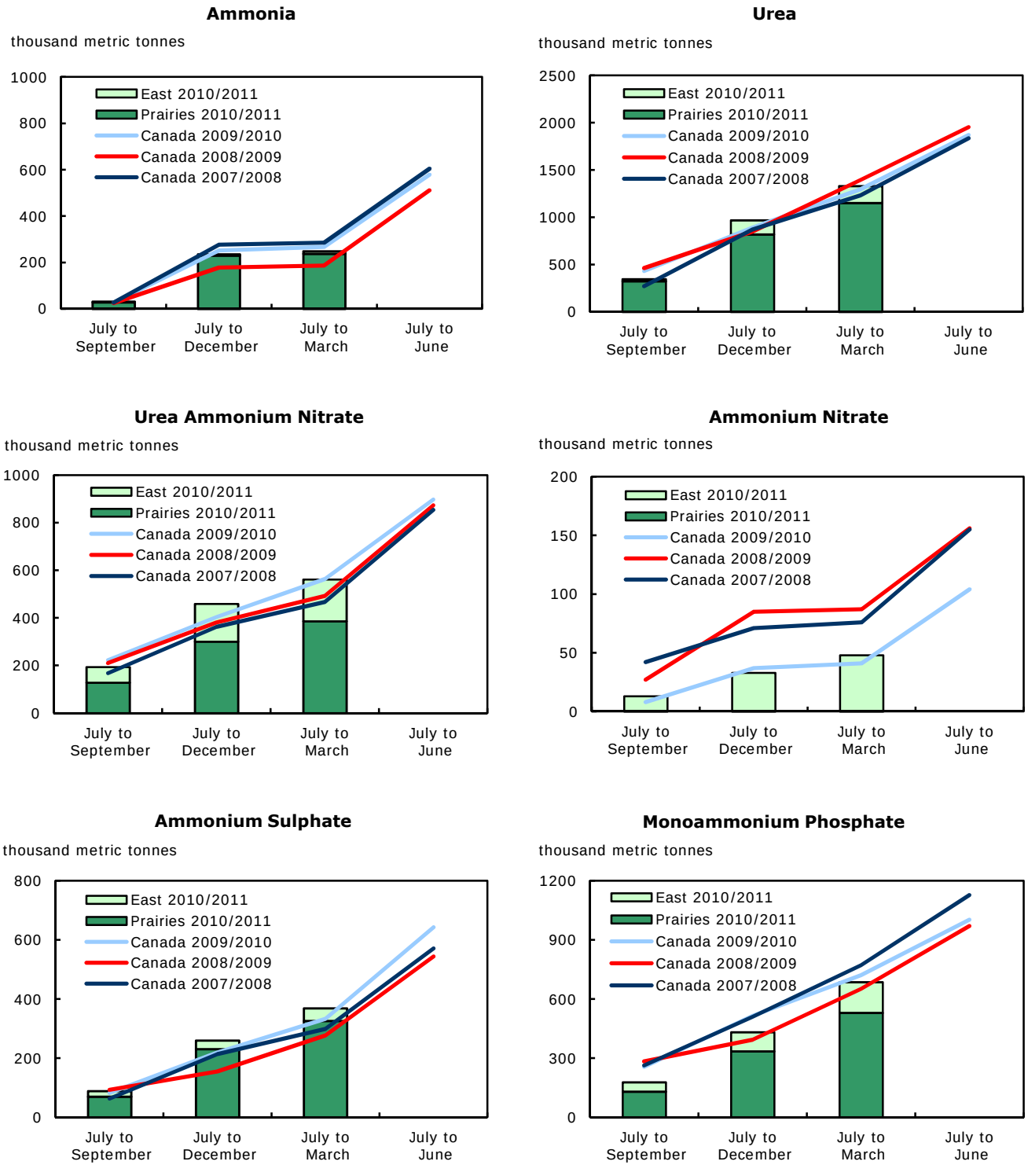
Table 1
Fertilizer Shipments, Canada (excluding British Columbia), July to March

	2008/2009	2009/2010	2010/2011	Change 2010/2011 over 2009/2010
	thousand metric tonnes			percent
Ammonia (NH3) 82-0-0-0	187	267	248	-7.1
Urea 46-0-0	1,394	1,297	1,331	2.6
Urea ammonium nitrate (UAN) 28-0-0-0	492	563	562	-0.2
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	87	41	48	17.1
Ammonium sulphate (AS) 20-0-0-24	277	333	370	11.1
Monoammonium phosphate (MAP) 11-52-0	651	720	686	-4.7
Diammonium phosphate (DAP) 18-46-0	78	64	98	53.1
Potash 0-0-60-0	159	237	322	35.9
Other fertilizer products	75	143	248	73.4

Table 2
Fertilizer Production, Canada, July to March

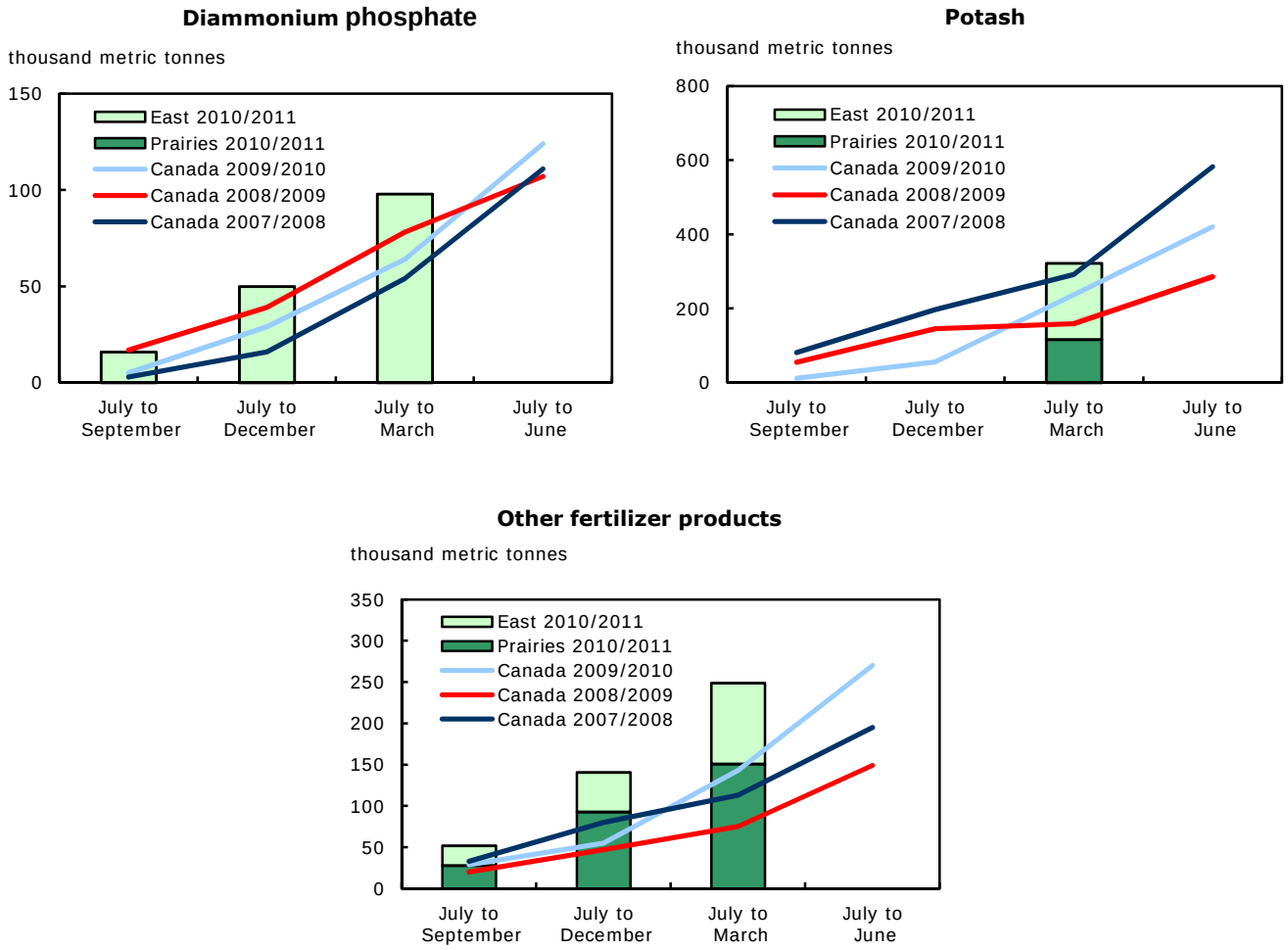
	2008/2009	2009/2010	2010/2011	Change 2010/2011 over 2009/2010
	thousand metric tonnes			percent
Ammonia (NH3) 82-0-0-0	3,428	3,394	3,512	3.5
Urea 46-0-0	2,658	2,666	2,708	1.6
Urea ammonium nitrate (UAN) 28-0-0-0	895	791	916	15.8
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0	284	200	x	x
Ammonium sulphate (AS) 20-0-0-24	668	679	696	2.5
Monoammonium phosphate (MAP) 11-52-0	x	x	x	x
Diammonium phosphate (DAP) 18-46-0	0	0	0	...
Potash 0-0-60-0	10,004	7,525	12,289	63.3
Other fertilizer products	x	x	x	x

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



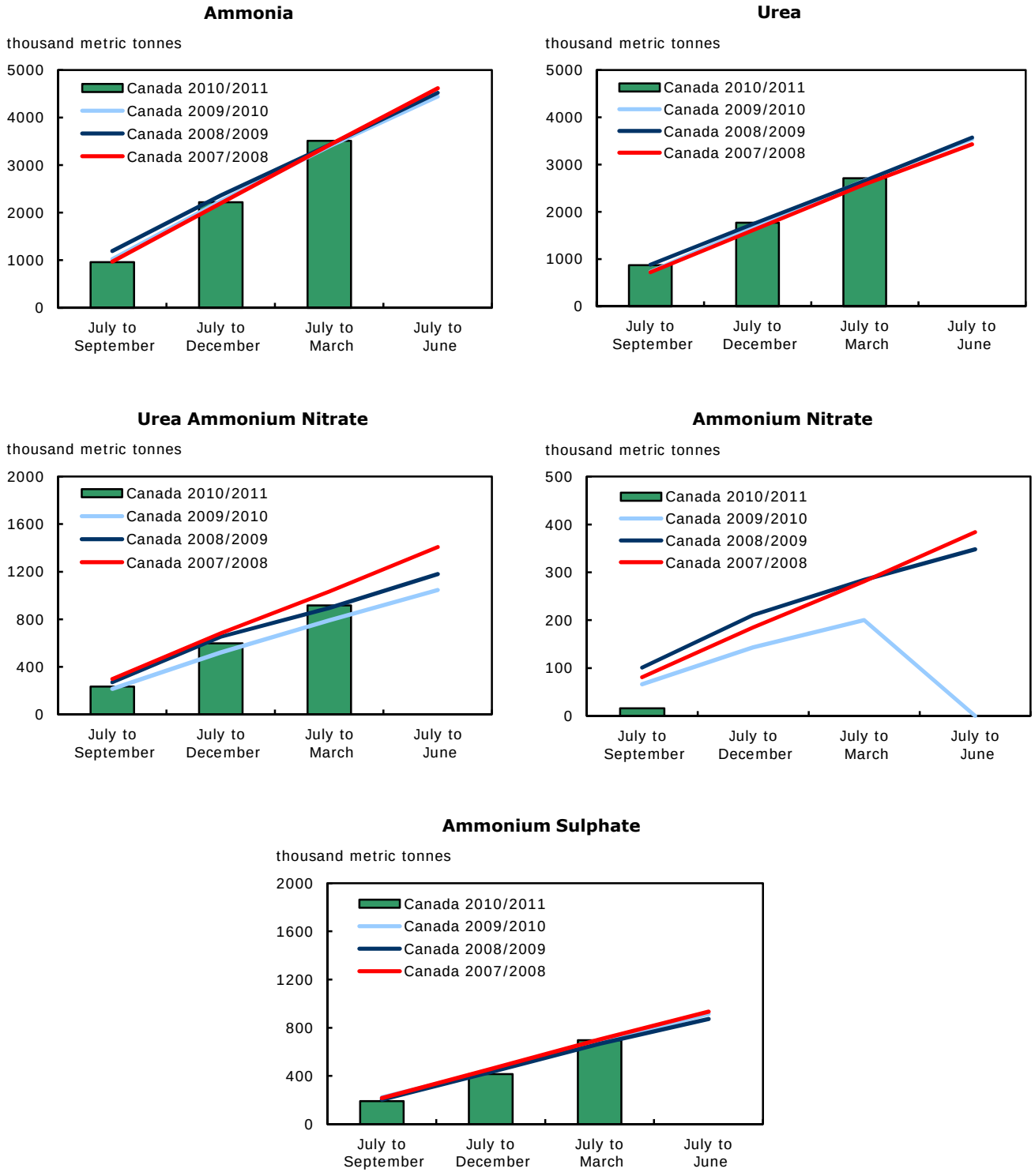
Note(s): Some data items may be suppressed to meet the confidentiality requirements of the *Statistics Act*.

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, March, Canada

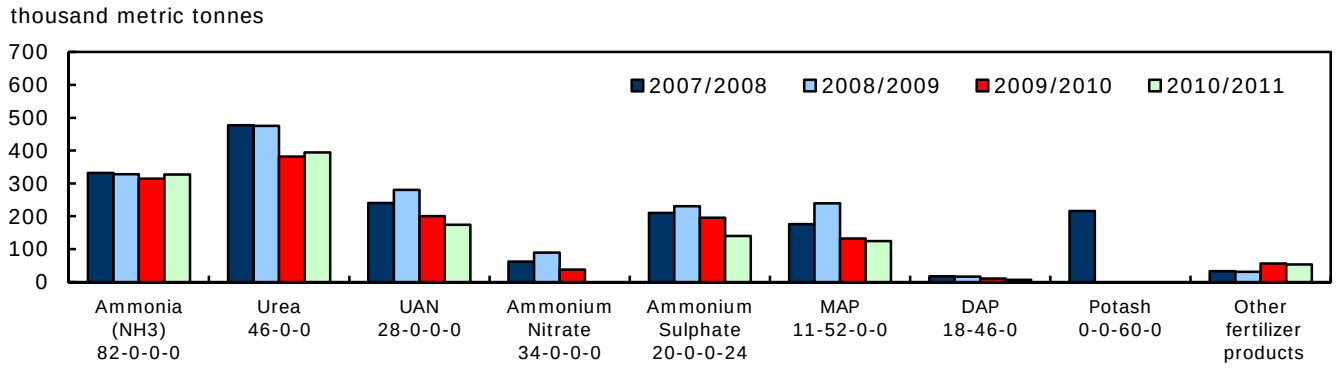


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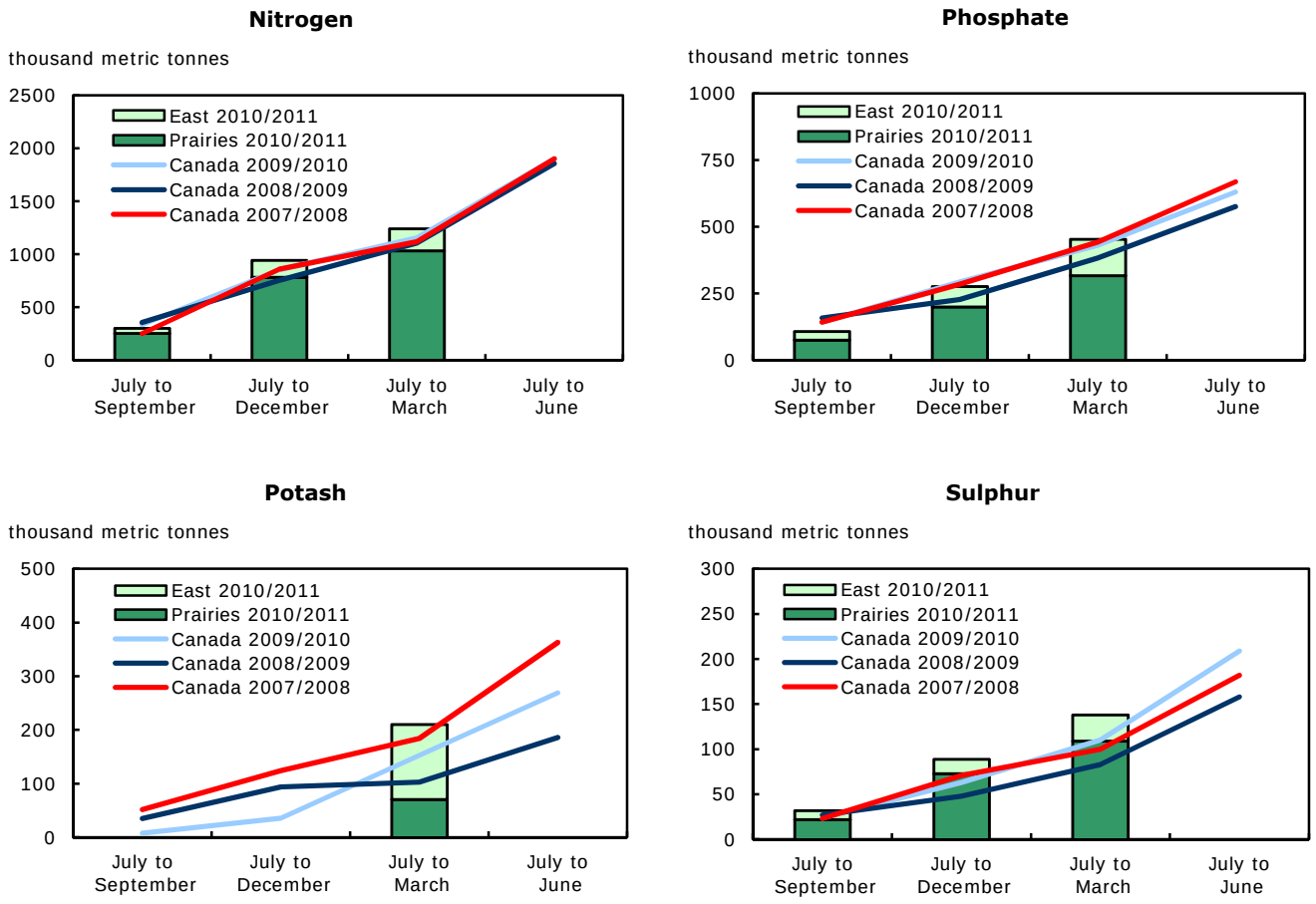
Chart 5
Fertilizer shipments to Canadian agriculture markets, by nutrient content, cumulative data



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, 2010/2011

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskat-chewan	Alberta [1]	Prairie provinces	British Columbia	Canada [2]	United States	Other [3] countries
	thousand metric tonnes											
Ammonia (NH3) 82-0-0-0 [4]												
July to September	0	1	3	3	9	3	16	28	0	31	178	0
July to December	0	1	5	6	88	57	85	230	0	236	423	0
July to March	0	2	7	10	89	57	92	238	0	248	661	0
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea 46-0-0 [5]												
July to September	2	12	6	20	56	82	187	325	x	345	453	0
July to December	4	38	108	149	136	298	385	819	x	968	837	0
July to March	5	47	126	178	169	458	526	1,152	22	1,331	1,292	0
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 [6]												
July to September	0	16	51	66	40	62	26	128	x	194	93	0
July to December	0	18	142	159	111	159	31	300	x	459	243	0
July to March	0	18	159	176	147	203	36	386	x	562	426	0
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	2	4	8	13	0	0	0	0	0	13	x	0
July to December	3	9	21	33	0	0	0	0	0	33	x	0
July to March	15	11	22	48	0	0	0	0	0	48	x	0
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Ammonium sulphate (AS) 20-0-0-24 [7]												
July to September	2	4	13	19	x	25	x	70	x	89	x	x
July to December	4	10	14	29	48	89	94	231	x	260	x	x
July to March	6	14	23	43	64	136	126	326	5	370	x	x
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0												
July to September	0	0 [s]	48	48	29 [r]	43	58	130 [r]	x	178 [r]	x	0
July to December	0	2	96	98	82	124	128	334	x	432	x	0
July to March	x	x	144	156	134	202	194	530	x	686	x	0
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Diammonium phosphate (DAP) 18-46-0												
July to September	3	10	2	16	0	0	0	0	0	16	0	0
July to December	18	28	4	50	0	0	0	0	0	50	0	0
July to March	25	68	5	98	0	0	0	0	0	98	0	0
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Potash 0-0-60-0												
July to September	x	x	x	x	12	4	x	x	1	75	1,476	x
July to December	x	x	78	x	33	x	33	x	3	208	2,985	x
July to March	x	x	123	205	44	27	47	117	5	322	4,805	x
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Other fertilizer products [8]												
July to September	x	x	20	24	9	9	10	28	1	52	x	0 [s]
July to December	5	5	38	48	25	46	21	93	x	141	x	0 [s]
July to March	7	13	77	98	36	79	35	151	4	248	x	x
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.

Table 4
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	Saskat-chewan	Alberta [1]	Prairie provinces	British Columbia	Canada [2]	United States	Other [3] countries
	thousand metric tonnes											
Ammonia (NH3) 82-0-0-0 [4]												
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
Urea 46-0-0 [5]												
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
Urea ammonium nitrate (UAN) 28-0-0-0 [6]												
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	237 r	304 r	189	351	53	593	x	897 r	436	0
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	1	5	2	8	0 s	0	0	0 s	0	8	x	0
July to December	12	17	7	36	0 s	0	0	0 s	0	37	x	0
July to March	13	19	9	41	0 s	0	0	0 s	0	41	x	0
July to June	27	61	15	104	0 s	0	0	0 s	0	104	x	0
Ammonium sulphate (AS) 20-0-0-24 [7]												
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 r	130 r	114 r	303 r	x	333 r	x	x
July to June	14	17	17	48	117	267	211	595	7	643	x	x
Monoammonium phosphate (MAP) 11-52-0												
July to September	0	0 s	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
Diammonium phosphate (DAP) 18-46-0												
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
Potash 0-0-60-0												
July to September	0 s	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
Other fertilizer products [8]												
July to September	0 s	2	3	5	7	7	10	24	1	29	x	x
July to December	0 s	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 (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 5
Canadian fertilizer, by product type: cumulative production by fertilizer year; and inventories at month end, 2010/2011

	Production [1]	Inventories [2]		
	Canada	East	West	Canada
	thousand metric tonnes			
Ammonia (NH3) 82-0-0-0 [3]				
July to September	962	13	174	187
July to December	2,220	28	180	208
July to March	3,512	55	272	327
July to June	..	..	..	..
Urea 46-0-0 [4]				
July to September	870	19	187	206
July to December	1,768	47	273	320
July to March	2,708	118	276	394
July to June	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 [5]				
July to September	234	35	82	117
July to December	598	54	95	149
July to March	916	x	x	174
July to June	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	16	x	x	7
July to December	x	12	x	x
July to March	x	13	x	x
July to June	..	..	..	..
Ammonium sulphate (AS) 20-0-0-24 [6]				
July to September	191	x	x	89
July to December	416	x	x	121
July to March	696	x	x	140
July to June	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	10	45	55
July to December	x	14	79	93
July to March	x	x	x	124
July to June	..	..	..	..
Diammonium phosphate (DAP) 18-46-0				
July to September	0	8	0	8
July to December	0	21	0	21
July to March	0	7	0	7
July to June	..	..	..	..
Potash 0-0-60-0				
July to September	2,712	36	x	x
July to December	7,461	26	x	x
July to March	12,289	36	x	x
July to June	..	..	..	..
Other fertilizer products [7]				
July to September	x	x	x	37
July to December	x	x	x	34
July to March	x	28	26	53
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.

Table 6
Canadian fertilizer by product type: cumulative production by fertilizer year; and inventories at month end, 2009/2010

	Production [1]	Inventories [2]		
	Canada	East	West	Canada
	thousand metric tonnes			
Ammonia (NH3) 82-0-0-0 [3]				
July to September	1,023	32	208 r	240 r
July to December	2,245	40	201 r	241 r
July to March	3,394 r	44	270 r	314 r
July to June	4,440	11	96	107
Urea 46-0-0 [4]				
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
Urea ammonium nitrate (UAN) 28-0-0-0 [5]				
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
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
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
Ammonium sulphate (AS) 20-0-0-24 [6]				
July to September	223	x	x	185
July to December	442	x	x	190
July to March	679 r	4	192	196
July to June	915	1	87	88
Monoammonium phosphate (MAP) 11-52-0				
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
Diammonium phosphate (DAP) 18-46-0				
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
Potash 0-0-60-0				
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
Other fertilizer products [7]				
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 (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.

Table 7
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2010/2011

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskat-chewan	Alberta [1]	Prairie provinces	British Columbia	Canada [2]
	thousand metric tonnes									
Nitrogen										
July to September	3	16	34	48	55	74	126	253	4	286
July to December	12	40	123	160	199	284	313	784	12	893
July to March	21	58	151	209	239	402	409	1,032	19	1,169
July to June	..	..	..	..	..	..	..	..	..	..
Phosphate [3]										
July to September	2	5	27	33	18 r	25	32	75 r	x	109 r
July to December	x	x	54	77	50	78	72	200	x	276
July to March	13	38	85	136	80	128	109	317	x	453
July to June	..	..	..	..	..	..	..	..	..	..
Potash										
July to September	x	x	x	x	7	2	x	x	1	49
July to December	x	x	54	x	20	x	20	x	2	135
July to March	x	x	87	139	27	16	28	71	4	211
July to June	..	..	..	..	..	..	..	..	..	..
Sulphur [4]										
July to September	1	1	7	10	x	9	x	22	x	32
July to December	2	4	11	16	15	31	27	73	x	90
July to March	3	6	20	29	21	50	38	109	2	138
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.

Table 8
Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, 2009/2010

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskat-chewan	Alberta [1]	Prairie provinces	British Columbia	Canada [2]
	thousand metric tonnes									
Nitrogen										
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	195 r	239 r	371 r	350 r	960 r	20	1,155 r
July to June	22	102	215 r	340 r	354	645	562	1,561	24	1,901 r
Phosphate [3]										
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	61 r	93 r	79 r	136 r	123 r	338 r	x	431 r
July to June	19	42	75	137	113	208	172	493	x	630
Potash										
July to September	0 s	1	4	5	1 r	1 r	2 r	3 r	1	8 r
July to December	x	x	x	x	5	x	7	x	1	36 r
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
Sulphur [4]										
July to September	x	x	x	x	x	9	8	x	0 s	24
July to December	2	3	2	7	11	23	22	56	1	63
July to March	4	5	8	17 r	18	40 r	34 r	93 r	2	110 r
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 9
Fertilizer shipments to Canadian agriculture and export markets, by product type, cumulative data, year-to-year change: 2009/2010 and 2010/2011

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskat-chewan	Alberta [1]	Prairie provinces	British Columbia	Canada [2]	United States	Other [3] countries
	percent											
Ammonia (NH3) 82-0-0-0 [4]												
July to September	...	x	x	x	-10.0	x	128.6	x	x	19.2	-6.3	...
July to December	...	x	x	x	-20.7	x	44.1	x	x	-6.3	16.5	...
July to March	...	x	x	x	-21.2	x	33.3	x	x	-7.1	15.0	...
July to June	..	..	x	x	..	x	..	x	x	..	..	..
Urea 46-0-0 [5]												
July to September	x	140.0	x	53.8	-20.0	-45.0	-6.0	-22.4	x	-20.0	48.0	x
July to December	33.3	100.0	140.0	119.1	3.0	-5.7	2.4	-0.6	x	8.5	21.1	x
July to March	0.0	20.5	27.3	24.5	0.0	-3.4	2.9	-0.2	57.1	2.6	13.1	x
July to June	..	..	..	..	..	..	..	..	..	..	..	x
Urea ammonium nitrate (UAN) 28-0-0-0 [6]												
July to September	...	0.0	6.2	1.5	x	-37.4	x	-19.0	x	-13.0	x	...
July to December	...	0.0	42.0	34.7	x	-2.5	x	5.3	x	13.9	x	...
July to March	...	0.0	3.9	2.9	3.5	-8.6	28.6	-1.5	x	-0.2	33.5	...
July to June	..	..	..	..	..	..	..	..	x	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0												
July to September	100.0	-20.0	300.0	62.5	...	...	...	...	...	62.5	x	...
July to December	-75.0	-47.1	200.0	-8.3	...	...	...	...	...	-10.8	x	...
July to March	15.4	-42.1	144.4	17.1	...	...	...	...	...	17.1	x	...
July to June	..	..	..	..	..	..	..	..	..	..	x	..
Ammonium sulphate (AS) 20-0-0-24 [7]												
July to September	x	x	x	x	x	-26.5	x	x	x	8.5	x	x
July to December	-50.0	25.0	133.3	26.1	23.1	12.7	20.5	17.9	x	18.7	x	x
July to March	-45.5	55.6	130.0	43.3	8.5	4.6	10.5	7.6	x	11.1	x	x
July to June	..	..	..	..	..	..	..	..	..	..	x	x
Monoammonium phosphate (MAP) 11-52-0												
July to September	...	...	77.8	71.4	-37.0 [r]	-47.6	-42.0	-43.0 [r]	x	-30.5 [r]	x	...
July to December	-100.0	-60.0	17.1	11.4	-12.8	-21.0	-27.3	-21.8	x	-16.1	x	...
July to March	x	x	32.1	34.5	-3.6	-15.8	-13.8	-12.3	x	-4.7	x	...
July to June	..	..	..	..	..	..	..	..	x	..	x	..
Diammonium phosphate (DAP) 18-46-0												
July to September	200.0	233.3	100.0	220.0	...	...	...	...	...	220.0	...	...
July to December	20.0	133.3	100.0	72.4	...	...	...	...	...	72.4	...	...
July to March	-10.7	112.5	0.0	53.1	...	...	...	...	...	53.1	...	...
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Potash 0-0-60-0												
July to September	x	x	x	x	1,100.0	300.0	x	x	0.0	525.0	117.7	x
July to December	x	x	x	x	312.5	x	175.0	x	50.0	271.4	59.1	x
July to March	x	x	x	x	76.0	x	30.6	x	0.0	35.9	16.4	x
July to June	..	..	..	..	..	..	..	..	..	..	..	..
Other fertilizer products [8]												
July to September	x	x	566.7	380.0	28.6	28.6	0.0	16.7	0.0	79.3	x	x
July to December	...	0.0	660.0	380.0	56.2	228.6	40.0	106.7	x	156.4	x	x
July to March	0.0	8.3	156.7	100.0	38.5	92.7	29.6	60.6	33.3	73.4	x	x
July to June	..	..	..	..	..	..	..	..	..	..	..	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: 2009/2010 and 2010/2011

	Production [1]	Inventories [2]		
	Canada	East	West	Canada
	percent			
Ammonia (NH3) 82-0-0-0 [3]				
July to September	-6.0	-59.4	-16.3	-22.1
July to December	-1.1	-30.0	-10.4	-13.7
July to March	3.5	25.0	0.7	4.1
July to June	..	..	..	..
Urea 46-0-0 [4]				
July to September	19.5	-29.6	12.0	6.7
July to December	2.4	2.2	-12.2	-10.4
July to March	1.6	136.0	-16.9	3.1
July to June	..	..	..	..
Urea ammonium nitrate (UAN) 28-0-0-0 [5]				
July to September	8.8	-10.3	6.5	0.9
July to December	14.6	3.8	-18.1	-10.8
July to March	15.8	x	x	-13.0
July to June	..	..	..	..
Ammonium nitrate/calcium ammonium nitrate (AN/CAN) 34-0-0-0				
July to September	-75.8	x	x	-46.2
July to December	x	x	x	x
July to March	x	x	x	x
July to June	x	..	x	x
Ammonium sulphate (AS) 20-0-0-24 [6]				
July to September	-14.3	x	x	-51.9
July to December	-5.9	x	x	-36.3
July to March	2.5	x	x	-28.6
July to June	..	..	..	..
Monoammonium phosphate (MAP) 11-52-0				
July to September	x	-63.0	-43.8	-48.6
July to December	x	-60.0	-22.5	-31.6
July to March	x	x	x	-6.1
July to June	x	..	..	..
Diammonium phosphate (DAP) 18-46-0				
July to September	...	x	...	x
July to December	...	x	...	x
July to March	...	-30.0	...	-30.0
July to June	..	x	..	x
Potash 0-0-60-0				
July to September	85.1	-21.7	x	x
July to December	97.7	-58.1	x	x
July to March	63.3	-21.7	x	x
July to June	..	..	x	x
Other fertilizer products [7]				
July to September	x	x	x	48.0
July to December	x	x	x	-15.0
July to March	x	47.4	-29.7	-5.4
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.

Table 11

Fertilizer shipments to Canadian agriculture markets, by nutrient content and fertilizer year, cumulative data, year-to-year change: 2009/2010 and 2010/2011

	Atlantic provinces	Quebec	Ontario	Eastern provinces	Manitoba	Saskat-chewan	Alberta [1]	Prairie provinces	British Columbia	Canada [2]
	percent									
Nitrogen										
July to September	200.0	60.0	47.8	37.1	-8.3	-37.3	4.1	-15.4	x	-14.4
July to December	20.0	60.0	30.9	24.0	0.0	9.7	18.1	8.4	x	4.8
July to March	50.0	48.7	7.1	7.2	0.0	8.4	16.9	7.5	-5.0	1.2
July to June	..	..	..	..	..	..	..	..	..	..
Phosphate [3]										
July to September	100.0	150.0	80.0	94.1	-30.8 r	-44.4	-40.7	-40.0 r	x	-23.2 r
July to December	x	x	22.7	28.3	-7.4	-8.2	-24.2	-14.2	x	-5.8
July to March	-7.1	111.1	39.3	46.2	1.3	-5.9	-11.4	-6.2	x	5.1
July to June	..	..	..	..	..	..	..	..	x	..
Potash										
July to September	x	x	x	x	600.0	100.0	x	x	0.0	512.5
July to December	x	x	x	x	300.0	x	185.7	x	100.0	275.0
July to March	x	x	x	x	80.0	x	27.3	x	0.0	37.9
July to June	..	..	..	..	..	..	..	..	..	..
Sulphur [4]										
July to September	x	x	x	x	x	0.0	x	x	x	33.3
July to December	0.0	33.3	450.0	128.6	36.4	34.8	22.7	30.4	x	42.9
July to March	-25.0	20.0	150.0	70.6	16.7	25.0	11.8	17.2	0.0	25.5
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.

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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
0s	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 *Statistics Act*
E	use with caution
F	too unreliable to be published
*	significantly different from reference category ($p < 0.05$)

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