

STATISTICS CANADA
AGRICULTURE DIVISION

2013 FORAGE SEED USAGE SURVEY

This survey is conducted in cooperation with Agriculture and Agri-Food Canada and the Canadian Seed Trade Association. Its goal is to better evaluate trends in usage of improved forage seed varieties.

How to read this report:

Table 1.1 shows shipments in metric units (kilograms), whereas Table 1.2 shows the same shipments in imperial units (pounds).

For release March 7, 2014

For more information or to obtain the data, contact us toll-free (toll free 1-800-263-1136; infostats@statcan.gc.ca).

Table 1-1 Forage seed shipped to customers between July 1, 2012 and June 30, 2013

METRIC (KILOGRAMS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
PART 1: LEGUMES										
1 - ALFALFA										
Commercial (common seed)	431,122	4,810	35,837	132,399	173,046	49,566	110,911	91,622	5,977	258,076
Pedigreed public varieties	306,708	4,489	36,411	12,656	53,556	x	44,066	168,948	x	253,152
Pedigreed proprietary varieties ¹	2,491,920	52,134	696,983	918,228	1,667,345	291,402	127,243	363,249	42,681	824,575
2 - BIRD'S-FOOT TREFOIL										
Commercial (common seed)	21,609	x	x	14,999	17,401	2,549	x	1,249	x	4,209
Pedigreed public varieties	18,165	x	x	10,391	14,598	3,095	x	x	0	3,567
Pedigreed proprietary varieties ¹	25,434	x	11,387	x	22,002	x	x	1,101	x	3,432
3 - ALSIKE CLOVER										
Commercial (common seed)	234,015	56,018	66,076	66,299	188,393	5,204	x	33,307	x	45,622
Pedigreed public varieties	1,392	0	0	0	0	0	x	x	0	1,392
Pedigreed proprietary varieties ¹	x	x	x	x	x	x	x	x	x	x
4 - RED CLOVER (SINGLE CUT)										
Commercial (common seed)	490,412	10,272	59,905	310,219	380,396	25,051	x	48,101	x	110,016
Pedigreed public varieties	2,350	0	0	0	0	x	x	x	0	2,350
Pedigreed proprietary varieties ¹	4,215	0	x	x	x	x	x	x	x	x
5 - RED CLOVER (DOUBLE CUT)										
Commercial (common seed)	680,191	71,714	161,908	424,463	658,085	16,186	x	3,860	x	22,106
Pedigreed public varieties	10,245	x	x	x	x	x	x	x	0	x
Pedigreed proprietary varieties ¹	173,884	6,173	141,788	18,772	166,733	x	0	2,958	x	7,151
6 - SWEET CLOVER										
Commercial (common seed)	128,231	594	2,315	6,367	9,276	23,065	73,631	x	x	118,955
Pedigreed public varieties	10,187	0	0	0	0	x	3,942	3,128	x	10,187
Pedigreed proprietary varieties ¹	38,556	x	x	x	x	x	x	2,927	x	x
7 - WHITE CLOVER										
Commercial (common seed)	101,379	10,295	21,965	56,915	89,174	1,344	x	2,599	x	12,205
Pedigreed public varieties	9,196	x	5,173	x	x	x	x	0	0	x
Pedigreed proprietary varieties ¹	56,761	x	26,980	26,194	x	x	x	x	0	x

¹ Proprietary varieties are those where distribution rights are owned by one company.

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Table 1-1 Forage seed shipped to customers between July 1, 2012 and June 30, 2013 (continued)

METRIC (KILOGRAMS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
PART 2: GRASSES AND NATIVE SPECIES										
8 - TIMOTHY										
Commercial (common seed)	1,266,734	254,312	317,075	573,543	1,144,930	22,569	10,321	55,745	33,169	121,804
Pedigreed public varieties	336,309	x	169,825	x	234,950	44,039	x	29,231	x	101,359
Pedigreed proprietary varieties ¹	836,934	26,999	460,610	184,608	672,217	46,337	x	86,619	x	164,717
9 - MEADOW BROME GRASS										
Commercial (common seed)	137,277	x	x	x	x	13,945	25,107	76,845	x	x
Pedigreed public varieties	350,445	x	22,260	x	44,725	121,887	36,242	145,853	1,736	305,720
Pedigreed proprietary varieties ¹	146,263	x	61,878	x	66,736	x	29,215	40,048	x	79,527
10 - SMOOTH BROME GRASS										
Commercial (common seed)	132,002	x	x	34,008	55,680	10,685	21,887	38,321	5,430	76,321
Pedigreed public varieties	102,263	4,306	34,172	15,099	53,577	7,091	8,503	30,120	2,971	48,685
Pedigreed proprietary varieties ¹	127,736	3,422	38,078	20,947	62,447	x	x	35,354	x	65,289
11 - MEADOW FESCUE										
Commercial (common seed)	30,535	6,296	7,519	10,106	23,921	x	x	2,646	2,528	6,614
Pedigreed public varieties	8,025	x	x	0	x	x	x	x	0	x
Pedigreed proprietary varieties ¹	15,444	x	x	x	x	x	x	x	x	x
12 - RED FESCUE										
Commercial (common seed)	4,311,909	120,005	207,983	2,723,338	3,051,326	943,043	20,396	162,348	134,796	1,260,584
Pedigreed public varieties	271,136	x	x	x	108,138	x	10,272	112,026	x	162,998
Pedigreed proprietary varieties ¹	45,679	6,643	x	x	34,742	x	x	8,826	x	10,937
13 - TALL FESCUE										
Commercial (common seed)	143,012	14,483	30,017	33,058	77,558	x	12,600	23,780	x	65,454
Pedigreed public varieties	80,176	1,202	1,689	8,251	11,142	7,355	x	x	59,794	69,034
Pedigreed proprietary varieties ¹	233,429	7,286	74,585	93,286	175,157	8,551	x	28,872	x	58,272
14 - KENTUCKY BLUE GRASS										
Commercial (common seed)	1,333,809	74,533	145,531	911,502	1,131,566	60,261	20,739	100,701	20,542	202,243
Pedigreed public varieties	76,363	x	x	x	31,618	x	10,499	x	x	44,745
Pedigreed proprietary varieties ¹	510,852	61,627	30,836	340,718	433,181	27,491	x	36,988	x	77,670

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Table 1-1 Forage seed shipped to customers between July 1, 2012 and June 30, 2013 (continued)

METRIC (KILOGRAMS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
15 - ORCHARD GRASS										
Commercial (common seed)	86,266	1,236	2,450	20,802	24,488	10,126	x	30,842	x	61,778
Pedigreed public varieties	59,847	x	2,215	x	3,458	x	5,720	15,467	x	56,389
Pedigreed proprietary varieties ¹	109,306	x	x	36,568	49,116	8,846	x	32,305	x	60,190
16 - REED CANARY GRASS										
Commercial (common seed)	15,073	x	x	9,544	12,369	755	717	976	256	2,704
Pedigreed public varieties	14,409	x	1,579	x	3,735	x	x	9,483	0	10,674
Pedigreed proprietary varieties ¹	x	0	0	0	0	x	0	x	0	x
17 - ANNUAL RYEGRASS										
Commercial (common seed)	810,354	35,851	147,468	510,011	693,330	x	11,923	35,233	x	117,024
Pedigreed public varieties	101,112	61,364	x	x	86,058	x	x	4,069	x	15,054
Pedigreed proprietary varieties ¹	423,140	9,820	54,799	304,571	369,190	13,511	x	28,865	x	53,951
18 - PERENNIAL RYEGRASS										
Commercial (common seed)	961,633	41,703	85,215	750,336	877,254	26,432	x	27,886	x	84,379
Pedigreed public varieties	42,785	24,578	x	x	31,376	x	x	x	x	11,409
Pedigreed proprietary varieties ¹	822,859	72,252	65,386	585,870	723,508	55,588	x	41,969	x	99,351
19 - SUDAN-SORGHUM										
Commercial (common seed)	71,690	x	x	48,767	59,200	4,162	0	x	x	12,491
Pedigreed varieties	70,053	x	7,608	x	x	x	x	x	0	x
20 - CRESTED WHEAT GRASS										
Commercial (common seed)	14,058	x	x	1,426	3,467	x	2,893	5,027	x	10,591
Pedigreed public varieties	186,267	x	x	x	x	31,374	42,528	105,486	x	x
Pedigreed proprietary varieties ¹	40,393	x	x	x	x	x	x	3,511	0	x
21 - INTERMEDIATE WHEAT GRASS										
Commercial (common seed)	3,996	0	0	x	x	x	x	2,843	x	x
Pedigreed public varieties	x	0	0	0	0	x	0	x	0	x
Pedigreed proprietary varieties ¹	1,205	0	0	0	0	0	x	x	0	1,205
22 - SLENDER WHEAT GRASS										
Commercial (common seed)	54,621	x	0	x	x	2,152	14,261	29,960	x	x
Pedigreed varieties	10,333	0	0	0	0	x	2,633	x	0	10,333

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Table 1-1 Forage seed shipped to customers between July 1, 2012 and June 30, 2013 (continued)

METRIC (KILOGRAMS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
23 - WHEAT GRASS (ALL OTHER SPECIES)										
Commercial (common seed)	26,540	0	x	x	230	3,855	5,186	14,387	2,882	26,309
Pedigreed varieties	73,541	0	0	x	x	4,467	18,180	49,125	x	x
24 - WILD RYE (ALL SPECIES)										
Commercial (common seed)	25,141	x	x	x	9,395	x	x	4,254	8,757	15,745
Pedigreed varieties	8,141	x	0	x	x	x	x	5,596	x	x
25 - OTHER PERENNIAL FORAGE SPECIES										
Commercial (common seed)	47,169	x	x	x	15,767	4,272	8,997	7,306	10,827	31,402
Pedigreed varieties	337,448	x	x	x	x	x	36,604	32,208	x	x
26 - GREEN NEEDLE GRASS										
Commercial (common seed)	5,490	0	0	x	x	x	467	4,857	x	x
27 - OTHER NATIVE SPECIES										
Commercial (common seed)	107,334	x	x	x	42,581	6,601	8,210	39,226	10,717	64,754
28 - OTHER TURF SPECIES										
Commercial (common seed)	137,725	x	x	62,649	84,117	x	9,018	23,913	x	53,608
Pedigreed public varieties	459,439	x	x	x	413,558	x	2,996	x	32,295	45,882
Pedigreed proprietary varieties ¹	318,215	x	x	x	x	x	x	13,636	x	x

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Table 1-2 Forage seed shipped to customers between July 1, 2012 and June 30, 2013

IMPERIAL (POUNDS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
PART 1: LEGUMES										
1 - ALFALFA										
Commercial (common seed)	950,461	10,604	79,007	291,891	381,502	109,275	244,517	201,991	13,176	568,959
Pedigreed public varieties	676,176	9,897	80,273	27,902	118,071	x	97,149	372,466	x	558,105
Pedigreed proprietary varieties ¹	5,493,743	114,936	1,536,585	2,024,346	3,675,867	642,431	280,523	800,827	94,095	1,817,876
2 - BIRD'S-FOOT TREFOIL										
Commercial (common seed)	47,640	x	x	33,066	38,362	5,621	x	2,754	x	9,278
Pedigreed public varieties	40,048	x	x	22,908	32,183	6,822	x	x	0	7,865
Pedigreed proprietary varieties ¹	56,072	x	25,104	x	48,506	x	x	2,427	x	7,566
3 - ALSIKE CLOVER										
Commercial (common seed)	515,914	123,499	145,673	146,165	415,336	11,474	x	73,430	x	100,578
Pedigreed public varieties	3,069	0	0	0	0	0	x	x	0	3,069
Pedigreed proprietary varieties ¹	x	x	x	x	x	x	x	x	x	x
4 - RED CLOVER (SINGLE CUT)										
Commercial (common seed)	1,081,174	22,646	132,068	683,916	838,630	55,227	x	106,044	x	242,544
Pedigreed public varieties	5,181	0	0	0	0	x	x	x	0	5,181
Pedigreed proprietary varieties ¹	9,292	0	x	x	x	x	x	x	x	x
5 - RED CLOVER (DOUBLE CUT)										
Commercial (common seed)	1,499,565	158,102	356,946	935,781	1,450,829	35,683	x	8,509	x	48,736
Pedigreed public varieties	22,586	x	x	x	x	x	x	x	0	x
Pedigreed proprietary varieties ¹	383,349	13,609	312,589	41,385	367,583	x	0	6,521	x	15,765
6 - SWEET CLOVER										
Commercial (common seed)	282,702	1,310	5,104	14,038	20,451	50,849	162,328	x	x	262,251
Pedigreed public varieties	22,458	0	0	0	0	x	8,691	6,896	x	22,458
Pedigreed proprietary varieties ¹	85,001	x	x	x	x	x	x	6,453	x	x
7 - WHITE CLOVER										
Commercial (common seed)	223,503	22,697	48,424	125,476	196,596	2,964	x	5,730	x	26,907
Pedigreed public varieties	20,274	x	11,405	x	x	x	x	0	0	x
Pedigreed proprietary varieties ¹	125,137	x	59,481	57,748	x	x	x	x	0	x

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Table 1-2 Forage seed shipped to customers between July 1, 2012 and June 30, 2013 (continued)

IMPERIAL (POUNDS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
PART 2: GRASSES AND NATIVE SPECIES										
8 - TIMOTHY										
Commercial (common seed)	2,792,671	560,662	699,031	1,264,446	2,524,138	49,756	22,754	122,897	73,126	268,532
Pedigreed public varieties	741,434	x	374,400	x	517,975	97,088	x	64,444	x	223,459
Pedigreed proprietary varieties ¹	1,845,123	59,523	1,015,471	406,990	1,481,984	102,155	x	190,962	x	363,140
9 - MEADOW BROME GRASS										
Commercial (common seed)	302,643	x	x	x	x	30,744	55,352	169,415	x	x
Pedigreed public varieties	772,598	x	49,075	x	98,602	268,716	79,901	321,552	3,828	673,996
Pedigreed proprietary varieties ¹	322,455	x	136,418	x	147,128	x	64,409	88,290	x	175,327
10 - SMOOTH BROME GRASS										
Commercial (common seed)	291,014	x	x	74,975	122,754	23,556	48,252	84,482	11,970	168,260
Pedigreed public varieties	225,450	9,493	75,336	33,288	118,117	15,634	18,746	66,403	6,551	107,333
Pedigreed proprietary varieties ¹	281,609	7,544	83,948	46,180	137,672	x	x	77,941	x	143,937
11 - MEADOW FESCUE										
Commercial (common seed)	67,317	13,880	16,577	22,280	52,737	x	x	5,833	5,572	14,580
Pedigreed public varieties	17,692	x	x	0	x	x	x	x	0	x
Pedigreed proprietary varieties ¹	34,048	x	x	x	x	x	x	x	x	x
12 - RED FESCUE										
Commercial (common seed)	9,506,132	264,566	458,523	6,003,932	6,727,021	2,079,054	44,966	357,916	297,175	2,779,111
Pedigreed public varieties	597,752	x	x	x	238,403	x	22,645	246,975	x	359,348
Pedigreed proprietary varieties ¹	100,705	14,645	x	x	76,593	x	x	19,458	x	24,112
13 - TALL FESCUE										
Commercial (common seed)	315,288	31,930	66,176	72,881	170,986	x	27,777	52,427	x	144,302
Pedigreed public varieties	176,758	2,650	3,724	18,190	24,564	16,215	x	x	131,822	152,194
Pedigreed proprietary varieties ¹	514,623	16,063	164,432	205,661	386,156	18,851	x	63,651	x	128,467
14 - KENTUCKY BLUE GRASS										
Commercial (common seed)	2,940,546	164,317	320,840	2,009,519	2,494,676	132,852	45,722	222,007	45,288	445,870
Pedigreed public varieties	168,351	x	x	x	69,705	x	23,146	x	x	98,646
Pedigreed proprietary varieties ¹	1,126,235	135,864	67,982	751,155	955,001	60,608	x	81,545	x	171,234

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Table 1-2 Forage seed shipped to customers between July 1, 2012 and June 30, 2013 (continued)

IMPERIAL (POUNDS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
15 - ORCHARD GRASS										
Commercial (common seed)	190,184	2,725	5,401	45,861	53,987	22,324	x	67,996	x	136,197
Pedigreed public varieties	131,940	x	4,883	x	7,623	x	12,610	34,098	x	124,317
Pedigreed proprietary varieties ¹	240,979	x	x	80,620	108,283	19,501	x	71,220	x	132,695
16 - REED CANARY GRASS										
Commercial (common seed)	33,230	x	x	21,041	27,269	1,664	1,581	2,152	565	5,962
Pedigreed public varieties	31,766	x	3,481	x	8,234	x	x	20,906	0	23,532
Pedigreed proprietary varieties ¹	x	0	0	0	0	x	0	x	0	x
17 - ANNUAL RYEGRASS										
Commercial (common seed)	1,786,525	79,038	325,110	1,124,382	1,528,530	x	26,285	77,674	x	257,995
Pedigreed public varieties	222,913	135,284	x	x	189,725	x	x	8,970	x	33,188
Pedigreed proprietary varieties ¹	932,864	21,649	120,811	671,463	813,924	29,786	x	63,636	x	118,941
18 - PERENNIAL RYEGRASS										
Commercial (common seed)	2,120,038	91,939	187,868	1,654,208	1,934,015	58,272	x	61,478	x	186,023
Pedigreed public varieties	94,325	54,185	x	x	69,173	x	x	x	x	25,152
Pedigreed proprietary varieties ¹	1,814,094	159,288	144,151	1,291,622	1,595,061	122,551	x	92,527	x	219,032
19 - SUDAN-SORGHUM										
Commercial (common seed)	158,050	x	x	107,512	130,513	9,176	0	x	x	27,537
Pedigreed varieties	154,441	x	16,773	x	x	x	x	x	0	x
20 - CRESTED WHEAT GRASS										
Commercial (common seed)	30,993	x	x	3,145	7,644	x	6,377	11,082	x	23,349
Pedigreed public varieties	410,648	x	x	x	x	69,168	93,757	232,556	x	x
Pedigreed proprietary varieties ¹	89,051	x	x	x	x	x	x	7,740	0	x
21 - INTERMEDIATE WHEAT GRASS										
Commercial (common seed)	8,810	0	0	x	x	x	x	6,267	x	x
Pedigreed public varieties	x	0	0	0	0	x	0	x	0	x
Pedigreed proprietary varieties ¹	2,657	0	0	0	0	0	x	x	0	2,657
22 - SLENDER WHEAT GRASS										
Commercial (common seed)	120,418	x	0	x	x	4,744	31,440	66,050	x	x
Pedigreed varieties	22,780	0	0	0	0	x	5,805	x	0	22,780

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Table 1-2 Forage seed shipped to customers between July 1, 2012 and June 30, 2013 (continued)

IMPERIAL (POUNDS)										
Seed	Canada	Atlantic Provinces	Quebec	Ontario	Eastern Canada	Manitoba	Saskatchewan	Alberta	British Columbia	Western Canada
23 - WHEAT GRASS (ALL OTHER SPECIES)										
Commercial (common seed)	58,510	0	x	x	508	8,499	11,432	31,718	6,353	58,002
Pedigreed varieties	162,130	0	0	x	x	9,848	40,080	108,302	x	x
24 - WILD RYE (ALL SPECIES)										
Commercial (common seed)	55,426	x	x	x	20,713	x	x	9,379	19,306	34,713
Pedigreed varieties	17,948	x	0	x	x	x	x	12,337	x	x
25 - OTHER PERENNIAL FORAGE SPECIES										
Commercial (common seed)	103,990	x	x	x	34,761	9,419	19,834	16,106	23,870	69,229
Pedigreed varieties	743,946	x	x	x	x	x	80,698	71,007	x	x
26 - GREEN NEEDLE GRASS										
Commercial (common seed)	12,104	0	0	x	x	x	1,030	10,707	x	x
27 - OTHER NATIVE SPECIES										
Commercial (common seed)	236,632	x	x	x	93,874	14,554	18,099	86,479	23,626	142,758
28 - OTHER TURF SPECIES										
Commercial (common seed)	303,633	x	x	138,118	185,447	x	19,882	52,720	x	118,186
Pedigreed public varieties	1,012,890	x	x	x	911,739	x	6,606	x	71,198	101,152
Pedigreed proprietary varieties ¹	701,543	x	x	x	x	x	x	30,062	x	x

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