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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH

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Chief, Agricultural Branch: F.J. Horning, B.A., F.S.S.

Ottawa, August 10, 1929, 12 noon. The Dominion Bureau of Statistics issues to-day under the authority of the Hon. James Malcolm, Minister of Trade and Commerce, a bulletin compiled from the returns of crop correspondents including farmers, bank managers, railway station agents and managers of grain elevators, giving (1) a preliminary estimate of the yield of fall wheat, fall rye, hay and clover and alfalfa (first cutting); (2) the condition of other field crops on July 31, expressed numerically in percentages of the decennial average; and (3) revised estimates of the acreage sown to the five principal grain crops of the three Prairie Provinces (wheat, oats, rye, barley and flaxseed), the areas now published representing the results obtained by the annual statistics collected in June last through the rural schools and post offices.

GENERAL CONDITIONS AT THE END OF JULY

Atlantic Provinces.- Haying is pretty general throughout the three provinces. This has been hindered in good condition, although somewhat light owing to the very dry weather which has prevailed during the month. The pastures are poor and are badly in need of immediate rains. In fact, all crops are suffering somewhat from the dryness but the grain and potatoes are looking well and there are some prospects of good yields. The gardens seem to be in need of rain, more particularly. Cattle are in fine shape. Good prices hold for farm produce in New Brunswick.

Quebec.- The crops had a late start in the spring. June was a dry month throughout the province followed by rains in July. This has caused some damage to the crops, especially on low-lying lands, which are late in ripening. However, in many localities the rains have proved beneficial, especially to the potato crop which was suffering from drought. Although the grain in many parts is ripening somewhat prematurely, it has a good appearance and correspondents are unanimous in looking for a fair return at harvest. Eastern and northern Quebec are in need of immediate rains which will improve crop conditions considerably; although they are very good at present. The hay crop has been gathered in fine shape owing to the excellent hay weather. There has been little damage from disease or insects.

Ontario.- Hay is a good crop, and has been harvested under ideal conditions. Grain and root crops have suffered from drought, but recent rains have relieved the situation considerably. Oats are short in straw. Although some damage to fall wheat from Hessian Fly has been reported, the crop is an excellent one. Pastures are poor owing to lack of rain.

Manitoba.- The lack of moisture and extreme heat which characterized July have resulted in disappointing conditions. A fairly general rain on July 19 made some improvement in the crops, while occasional, scattered showers were of benefit locally. Grain on summer fallow and new land withstood the drought well and in some districts will give fair yields. Crops on stubble are short and poorly filled, oats and barley being particularly bad. Pastures are poor and in many places the feed situation seems likely to be serious.

Saskatchewan.- Drought and hot weather were responsible for a considerable deterioration in the crops during July. The need of more moisture at the end of the month was reported from practically all parts of the province but more particularly the southern districts, where the feed situation in many sections is considered serious.

Alberta.- All crops continue to deteriorate from the drought and heat especially in central districts. Wheat on summer fallow has withstood the drought better than on stubble. Pastures are poor, and the feed situation is causing concern. Some difficulty may be experienced in harvesting owing to short straw.

British Columbia.— The weather continues very warm and dry. Cutting of spring wheat and coarse grains is now becoming general. The cherry crop was one of the largest on record and was marketed in excellent condition. Heavy shipments of apricots are now going forward from the packing houses and the crop of apricots and peaches will be heavy.

YIELD OF FALL WHEAT, FALL RYE, HAY AND CLOVER AND ALFALFA

The average yield per acre of fall wheat in Canada is estimated at 26.6 bushels per acre, as compared with 24.5 bushels last year and with 24.9 bushels, the decennial average. On the harvested area of 920,653 acres, the total yield is 24,476,000 bushels, as compared with 20,054,000 bushels from 819,028 acres last year. In Ontario the preliminary estimate this year is 21,500,000 bushels from 779,000 acres, as compared with 16,766,000 bushels from 693,660 acres last year, the average yield per acre being 27.6 bushels, as against 24.2 bushels last year and 25.2 bushels, the ten-year average. In Alberta, the yield is estimated at 2,668,000 bushels from 128,253 acres, as against 2,900,000 bushels from 110,262 acres last year, while the average yield per acre is 20.8 bushels, as compared with 26.3 bushels last year and 21.3 bushels, the ten-year average. For British Columbia, the yield is 308,000 bushels from 13,400 acres, as against 388,000 bushels from 15,106 acres last year. The average yield per acre is 23.0 bushels, as against 25.7 bushels last year and 25.3 bushels, the ten-year average.

The total yield of fall rye in Canada is 10,424,000 bushels from 677,170 acres, as compared with 10,378,000 bushels from 599,158 acres last year. The average yield per acre is 15.4 bushels, as against 17.3 bushels last year.

Hay and clover shows a total yield of 15,087,000 tons from 10,458,000 acres, as against 16,515,000 tons from 10,320,863 acres last year. The average yield per acre is 1.44 tons, as compared with 1.60 tons last year and 1.47 tons, the ten-year average.

The total yield of alfalfa (first cutting) is 1,407,000 tons from 828,000 acres. The average yield per acre is 1.70 tons as against 1.75 tons, the first cutting in 1928.

CONDITION OF OTHER FIELD CROPS

For all Canada, the condition of the principal field crops in percentage of the ten-year average is as follows, the condition for June 30, 1929 and for July 31, 1928, being given within brackets: Spring wheat 66 (88;107); oats 73 (92;101); barley 69 (92;101); spring rye 73 (91;101); peas 91 (94;99); beans 98 (98;97); buckwheat 96 (98;101); mixed grains 92 (95;103); flaxseed 65 (91;98); corn for husking 94 (95;91); potatoes 92 (95;102); turnips, etc. 94 (96;101); fodder corn 91 (95;95); sugar beets 97 (92;98); pasture 93 (99;105). For the Prairie Provinces, the figures of condition for the principal cereals and flaxseed on July 31, 1929, compared with June 30, 1929, and with July 31, 1928, within brackets, are as follows: Manitoba, wheat 71 (91;108); oats 63 (91;100); barley 66 (91;101); spring rye 73 (90;96); flaxseed 67 (91;93); Saskatchewan, wheat 65 (89;105); oats 58 (91;100); barley 63 (93;101); spring rye 74 (92;99); flaxseed 63 (91;100); Alberta, spring wheat 66 (84;111); oats 65 (86;104); barley 67 (86;104); spring rye 70 (85;106); flaxseed 31 (94;104).

ACREAGE OF GRAIN CROPS IN THE PRAIRIE PROVINCES

The estimates of the areas sown to the principal grain crops in the three Prairie Provinces as obtained by the annual statistics collected in June last through the rural schools are now available. Wheat occupies an area of 24,297,116 acres, as compared with 23,158,505 acres in 1928, an increase of 1,138,611 acres. Manitoba shows a decrease of 359,510 acres, while Saskatchewan and Alberta show increases of 654,432 acres and 843,639 acres respectively. The area under oats for grain is estimated to be 7,731,937 acres, a decrease of 425,474 acres, as compared with last year. Barley has increased from 4,104,250 acres in 1928 to 5,114,203 acres, an increase of 1,009,953 acres, of which 244,632 acres were in Manitoba, 607,141 acres in Saskatchewan and 158,180 acres in Alberta. Rye shows an increase of 168,302 acres, increasing from 753,915 in 1928 to 922,217 acres in 1929. Flaxseed has increased from 367,385 acres to 373,415 acres, an increase of 6,030 acres.



I. Condition of Field Crops on July 31, 1929, as compared with May 31 and June 30, 1929 and with July 31, 1923-28.

Note.- 100 = the average yield per acre of the previous ten years.

Field Crops	July 31, 1923 p.c.	July 31, 1924 p.c.	July 31, 1925 p.c.	July 31, 1926 p.c.	July 31, 1927 p.c.	July 31, 1928 p.c.	May 31, 1929 p.c.	June 30, 1929 p.c.	July 31, 1929 p.c.
Canada -									
Spring wheat.....	106	77	109	92	105	107	100	88	66
Oats.....	101	82	95	91	102	101	98	92	73
Barley.....	98	84	93	93	99	101	99	92	69
Spring rye.....	102	82	101	91	104	101	99	91	73
Peas.....	93	97	100	98	99	99	93	94	91
Beans.....	95	96	96	97	94	97	-	98	98
Buckwheat.....	94	99	98	95	98	101	-	98	96
Mixed grains.....	97	100	103	99	101	103	95	95	92
Flax.....	103	82	91	91	99	98	-	91	65
Corn for husking.....	98	91	95	89	85	91	-	95	94
Potatoes.....	97	98	96	97	102	102	-	95	92
Turnips, etc.....	94	96	99	96	98	101	-	96	94
Corn, fodder.....	92	82	94	89	88	95	-	95	91
Sugar beets.....	94	98	98	94	95	98	-	92	97
Pasture.....	102	97	99	94	106	105	97	99	93
Prince Edward Island -									
Spring wheat.....	99	97	109	100	98	97	101	100	96
Oats.....	102	95	106	100	101	100	101	99	94
Barley.....	100	96	104	100	101	99	104	100	96
Peas.....	102	99	103	99	101	102	98	102	97
Buckwheat.....	100	94	101	100	102	100	-	99	92
Mixed grains.....	102	97	106	102	103	101	102	98	99
Potatoes.....	98	97	99	99	104	103	-	96	94
Turnips, etc.....	99	95	102	100	102	102	-	99	94
Corn, fodder.....	96	101	95	91	93	99	-	99	96
Pasture.....	106	94	104	101	105	102	100	100	92
Nova Scotia -									
Spring wheat.....	99	96	104	94	100	99	100	96	89
Oats.....	101	97	102	97	103	103	96	96	93
Barley.....	101	95	101	98	101	101	92	97	92
Spring rye.....	105	95	102	100	100	100	100	96	100
Peas.....	100	95	104	100	99	101	99	96	96
Beans.....	95	97	101	99	100	103	-	99	97
Buckwheat.....	98	91	99	92	100	100	-	97	93
Mixed grains.....	102	97	104	99	102	103	99	96	93
Potatoes.....	98	97	100	98	102	103	-	96	97
Turnips, etc.....	98	90	102	98	100	103	-	94	89
Corn, fodder.....	95	95	98	96	100	99	-	97	97
Pasture.....	105	95	105	99	105	107	95	95	88
New Brunswick -									
Spring wheat.....	94	91	117	98	98	101	98	97	100
Oats.....	94	91	104	99	99	101	93	97	97
Barley.....	93	92	101	97	100	100	100	97	97
Spring rye.....	95	98	102	97	99	-	-	-	95
Peas.....	96	97	100	99	98	99	95	96	99
Beans.....	93	96	99	96	97	94	-	97	100
Buckwheat.....	95	95	100	100	100	98	-	98	100
Mixed grains.....	96	94	103	102	100	101	93	98	98
Potatoes.....	89	99	96	99	103	105	-	97	98
Turnips, etc.....	89	89	99	98	100	101	-	94	97
Corn, fodder.....	91	94	97	96	97	101	-	93	94
Pasture.....	92	89	104	101	105	102	98	98	95

ORIGINAL ARTICLES									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130
131	132	133	134	135	136	137	138	139	140
141	142	143	144	145	146	147	148	149	150
151	152	153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168	169	170
171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190
191	192	193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208	209	210
211	212	213	214	215	216	217	218	219	220
221	222	223	224	225	226	227	228	229	230
231	232	233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248	249	250
251	252	253	254	255	256	257	258	259	260
261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288	289	290
291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310
311	312	313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328	329	330
331	332	333	334	335	336	337	338	339	340
341	342	343	344	345	346	347	348	349	350
351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370
371	372	373	374	375	376	377	378	379	380
381	382	383	384	385	386	387	388	389	390
391	392	393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408	409	410
411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	428	429	430
431	432	433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448	449	450
451	452	453	454	455	456	457	458	459	460
461	462	463	464	465	466	467	468	469	470
471	472	473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488	489	490
491	492	493	494	495	496	497	498	499	500
501	502	503	504	505	506	507	508	509	510
511	512	513	514	515	516	517	518	519	520
521	522	523	524	525	526	527	528	529	530
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550
551	552	553	554	555	556	557	558	559	560
561	562	563	564	565	566	567	568	569	570
571	572	573	574	575	576	577	578	579	580
581	582	583	584	585	586	587	588	589	590
591	592	593	594	595	596	597	598	599	600
601	602	603	604	605	606	607	608	609	610
611	612	613	614	615	616	617	618	619	620
621	622	623	624	625	626	627	628	629	630
631	632	633	634	635	636	637	638	639	640
641	642	643	644	645	646	647	648	649	650
651	652	653	654	655	656	657	658	659	660
661	662	663	664	665	666	667	668	669	670
671	672	673	674	675	676	677	678	679	680
681	682	683	684	685	686	687	688	689	690
691	692	693	694	695	696	697	698	699	700
701	702	703	704	705	706	707	708	709	710
711	712	713	714	715	716	717	718	719	720
721	722	723	724	725	726	727	728	729	730
731	732	733	734	735	736	737	738	739	740
741	742	743	744	745	746	747	748	749	750
751	752	753	754	755	756	757	758	759	760
761	762	763	764	765	766	767	768	769	770
771	772	773	774	775	776	777	778	779	780
781	782	783	784	785	786	787	788	789	790
791	792	793	794	795	796	797	798	799	800
801	802	803	804	805	806	807	808	809	810
811	812	813	814	815	816	817	818	819	820
821	822	823	824	825	826	827	828	829	830
831	832	833	834	835	836	837	838	839	840
841	842	843	844	845	846	847	848	849	850
851	852	853	854	855	856	857	858	859	860
861	862	863	864	865	866	867	868	869	870
871	872	873	874	875	876	877	878	879	880
881	882	883	884	885	886	887	888	889	890
891	892	893	894	895	896	897	898	899	900
901	902	903	904	905	906	907	908	909	910
911	912	913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
961	962	963	964	965	966	967	968	969	970
971	972	973	974	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000

1. Condition of Field Crops on July 31, 1929, as compared with May 31, and June 30, 1929, and with July 31, 1923-28 - continued.

Field Crops	July 31 1923 p.c.	July 31 1924 p.c.	July 31 1925 p.c.	July 31 1926 p.c.	July 31 1927 p.c.	July 31 1928 p.c.	May 31 1929 p.c.	June 30 1929 p.c.	July 31 1929 p.c.
Quebec-									
Spring wheat....	97	99	105	96	98	98	96	100	98
Oats	97	101	103	97	100	98	98	101	98
Barley.....	97	100	102	98	99	98	97	101	97
Spring rye	97	103	98	97	100	102	99	102	98
Peas	97	100	100	97	100	99	96	99	99
Beans	97	100	100	96	97	100	-	101	99
Buckwheat	97	102	100	95	100	102	-	100	98
Mixed grains ...	97	101	103	98	101	101	99	101	100
Flax	95	97	102	98	98	98	-	98	96
Corn, husking ..	96	98	97	92	95	97	-	98	96
Potatoes	99	104	101	99	102	101	-	100	98
Turnips, etc....	95	99	101	98	97	101	-	100	99
Corn, fodder ...	94	97	96	90	92	98	-	99	97
Pasture	95	103	107	97	105	104	98	103	100
Ontario-									
Spring wheat ...	95	96	107	97	100	101	94	94	93
Oats	93	97	99	96	100	102	93	93	88
Barley	94	98	99	98	100	103	94	93	93
Peas	90	96	99	98	98	99	92	93	88
Beans	93	98	100	97	93	96	-	97	99
Buckwheat	93	90	98	95	97	101	-	97	95
Mixed grains ...	95	99	101	99	101	103	94	94	92
Flax	95	95	97	96	95	98	-	93	97
Corn, husking ..	100	88	93	89	84	90	-	94	93
Potatoes	92	100	95	96	98	100	-	93	94
Turnips, etc....	92	98	98	95	97	100	-	95	94
Corn, fodder ...	95	92	94	87	85	94	-	95	93
Sugar beets	94	98	98	93	95	98	-	92	98
Pasture	93	102	96	98	106	106	98	99	94
Manitoba-									
Spring wheat ...	96	98	113	97	97	108	99	91	71
Oats	98	93	95	92	98	100	98	91	63
Barley	96	96	94	94	97	101	99	91	66
Spring rye	93	94	95	92	100	96	96	90	73
Peas	-	96	99	93	104	102	98	92	83
Buckwheat	-	-	-	-	102	95	-	95	73
Mixed grains	98	93	97	94	98	103	99	92	73
Flax	94	92	96	93	93	93	-	91	67
Potatoes	95	97	95	96	99	100	-	93	75
Turnips, etc....	97	95	100	93	99	100	-	92	76
Corn, fodder ...	105	82	93	91	93	94	-	90	71
Pasture	105	94	102	90	109	106	91	88	68
Saskatchewan-									
Spring wheat ...	108	73	106	90	105	105	99	89	65
Oats	109	66	88	84	103	100	98	91	58
Barley	105	67	91	90	102	101	99	93	63
Spring rye	104	74	95	89	104	99	98	92	74
Peas	101	87	103	92	98	99	98	85	79
Beans	100	94	94	88	103	94	-	87	67
Mixed grains,...	111	75	99	91	102	99	97	94	63
Flax	104	74	89	90	102	100	-	91	63
Potatoes	102	77	96	90	104	102	-	93	70
Turnips, etc....	103	75	90	89	104	101	-	90	72
Corn, fodder ...	103	70	94	87	100	97	-	86	67
Pasture	110	72	97	85	111	103	92	87	66

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I. Condition of Field Crops on July 31, 1929, as compared with May 31 and June 30, 1929 and with July 31, 1923-28 - concluded

	July 31 1923 p.c.	July 31 1924 p.c.	July 31 1925 p.c.	July 31 1926 p.c.	July 31 1927 p.c.	July 31 1928 p.c.	May 31 1929 p.c.	June 30 1929 p.c.	July 31 1929 p.c.
Alberta -									
Spring wheat...	112	75	117	94	108	111	102	84	66
Oats.....	110	73	97	89	105	104	102	86	65
Barley.....	109	73	98	91	104	104	101	86	67
Spring rye.....	-	-	-	-	107	106	101	85	70
Peas.....	105	94	100	97	103	113	103	95	79
Beans.....	99	83	100	97	110	126	-	84	84
Mixed grains...	107	94	100	97	105	103	102	92	61
Flax.....	103	68	93	89	99	104	-	94	81
Potatoes.....	105	85	101	94	104	102	-	89	73
Turnips, etc...	106	92	99	94	102	101	-	91	82
Corn, fodder...	102	80	95	94	100	99	-	88	73
Sugar beets....	-	-	-	101	98	100	-	95	87
Pasture.....	112	78	100	101	114	105	99	85	69
British Columbia -									
Spring wheat...	102	91	95	99	103	101	99	99	94
Oats.....	110	92	95	99	103	102	99	101	97
Barley.....	104	89	95	101	102	101	98	100	94
Spring rye.....	104	91	98	99	102	101	99	98	92
Peas.....	105	95	94	101	102	102	103	100	94
Beans.....	100	98	93	107	103	101	-	100	92
Mixed grains...	104	97	94	102	104	103	102	103	95
Flax.....	-	-	95	100	101	102	-	102	97
Potatoes.....	103	93	96	96	102	99	-	97	92
Turnips, etc...	100	91	94	96	100	98	-	98	95
Corn, fodder...	103	95	94	96	100	99	-	97	92
Pasture.....	108	82	88	91	104	101	98	101	93

II Revised Estimate of the Areas sown to the Principal Grain Crops in the Prairie Provinces, 1929 as compared with 1928.

Province	Year	Wheat	Oats	Barley	Rye	Flaxseed
		acres	acres	acres	acres	acres
Manitoba	1928	2,660,125	1,458,401	1,937,263	120,222	81,739
	1929	2,300,615	1,558,404	2,181,805	85,040	62,474
Saskatchewan	1928	13,790,854	4,358,747	1,621,463	471,073	279,414
	1929	14,445,286	4,255,789	2,228,604	641,638	298,302
Alberta	1928	6,707,526	2,340,263	545,524	162,620	6,182
	1929	7,551,215	1,917,704	703,704	195,539	12,639
Total	1928	23,158,505	8,157,411	4,104,250	753,915	367,385
	1929	24,297,116	7,731,937	5,114,203	922,217	373,415

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