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by Authority of the Hon. James A. MacKinnon, M.P.,

Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS - CANADA

C.R. No. 3  
1942

AGRICULTURAL BRANCH

\$2.00 per year.

Acting Dominion Statistician:

S. A. Cudmore, M.A. (Oxon.) F.S.S., F.R.S.C.

Chief, Agricultural Branch:

C. F. Wilson, Ph.D.

Statistician, Agricultural Branch:

J. McAnsh

#### TELEGRAPHIC CROP REPORT

Ottawa, June 2, 1942, 3 p.m.- The first of a series of 7 weekly telegraphic reports covering crop conditions throughout Canada is issued today by the Dominion Bureau of Statistics. Included in this report is the second of a series of 15 weekly telegraphic reports on crop conditions in the Prairie Provinces. One hundred and four correspondents, most of them agriculturists of the Dominion and Provincial Departments of Agriculture, but including selected private observers and grain men, supply the information on which these reports are based. The Meteorological Service of Canada, Toronto, supplies official weather data.

#### SUMMARY

Rainfall in the Prairie Provinces during the past week has contributed to a generally satisfactory crop situation across Canada. In the east, spring operations have been early in the Maritime Provinces, although somewhat retarded in Quebec and Ontario. In the Maritimes, rainfall has been light and the sowing of spring grains and potatoes is already more than half completed. In Quebec where spring operations are normally earlier than in the Maritimes, the lack of good drying weather has tended to delay operations although the present promise is for a good season. Most Ontario districts had continuous rainfall through May and some of the spring grains are still not seeded. Throughout the five eastern provinces, hay and clover meadows and pastures wintered well as a rule, and are now making excellent growth.

Timely rains fell over the greater part of the Prairie Provinces between May 26 and June 1 with considerable benefit to crops and pastures. Alberta and Manitoba report good distribution of the moisture, some of which came in the form of snow, but many points in Saskatchewan received only showers and will need additional rain to maintain present crop prospects. Flood conditions prevail in parts of eastern Manitoba and this will result in prepared acreage not being seeded to grain. Alberta crop conditions are greatly enhanced by last week's rains but cutworms and wireworms are doing some damage to fall-sown wheat and early spring crops in southern districts of the province. Low temperatures with frost at many points have retarded growth in all three provinces but the crops are getting a good root and this may be an asset of considerable value later. Grasshoppers are being held in check by the cool and wet weather and permanent damage from frost does not appear to be serious. Winter-killing of alfalfa and native grasses was extensive in north-eastern Saskatchewan.

Crop growth in British Columbia has been retarded by dull, cool weather and excessive rainfall. Set of fruit in the Okanagan Valley is generally satisfactory although light for plums and prunes. Early fruits and vegetables are now appearing on local markets.

#### Maritime Provinces

Favourable weather in the Maritime Provinces has resulted in crop conditions being from two to three weeks in advance of last year. Rainfall has been light and germination of spring seeded crops has been rapid. Seeding in Prince Edward Island is now 90 per cent completed and in New Brunswick approximately 50 per cent of the spring grains and potatoes are now in the ground. Pasture and hay crops wintered well and are making vigorous growth. Small fruit prospects in Nova Scotia appear favourable. Some aphid damage has appeared and scab is fairly prevalent in the Annapolis Valley.

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### Quebec and Ontario

Spring operations in Quebec are somewhat later than a year ago, although good progress has been made with the seeding of cereals in most areas. Apart from an average rainfall, the days have been frequently cloudy which delayed the drying of fields. Hay and clover meadows came through the winter in good shape, except in the Joliette district where there was a heavy loss to new meadows and alfalfa fields through frost. In several other districts, new pastures were reported patchy, but the old meadows came through the winter well, and the prospects are favourable for an ample hay crop. Live stock were placed on pastures early because of the shortage of winter feeds, and milk production has been well maintained.

Ontario has had exceptionally rainy weather in most areas during May and seeding operations have been considerably hampered. Several counties in central, eastern and northern Ontario report that the spring cereals are still only seventy-five to eighty per cent seeded and some substitute crops may have to be sown. Because of the heavy moisture, the hay and clover fields, pastures and fall-sown grains have all made very good growth. The season opened exceptionally early in northern Ontario, but spring operations were interrupted by rainfall during the last two weeks of May.

### Prairie Provinces

Rainfall was general over Manitoba during the past week and greatly benefited the western and northern sections of the province. In the eastern portion the moisture was excessive and the acreage intended for crops will be curtailed as a result of flooding. Growth is a week behind normal due to the low temperatures accompanying the rain but crops are rooting well and the cool weather is delaying the hatch of grasshoppers. Early wheat is five inches high in the west-central area of the province. Hay and pastures are excellent. Some frost occurred but damage is slight.

While Saskatchewan shared in the rainfall so general in the Prairie Provinces last week the distribution was not so even as in the other two provinces with the result that some points still report the need of soaking rains. The areas around Melfort and Prince in the north-eastern and north-western sections of the province report very little reserve moisture. Seeding is completed except for about 10 per cent of coarse grains yet to be sown and germination appears to be generally satisfactory although growth is slow due to cool weather. Good and timely rains in many districts are a necessity to continued progress of crops while warmer weather is required to quicken growth. No serious damage was done by the mid-May frosts but further visitations around the end of the month may have caused loss. The hatch of grasshoppers is being delayed by wet and cool weather but army cutworms are doing some damage in south-western districts.

Rainfall was generally heavy throughout Alberta during the past week and crop conditions are greatly improved. Timely rains, however, will be needed in some areas of the central districts to maintain the present favourable prospects. Wheat seeding has been completed and only a small portion of the coarse grains remains to be seeded. Crop growth has been rather slow in all districts as a result of cool weather but wheat is reported to average six inches in height at Vulcan and is stooling well in the Calgary area. Warm weather is needed to promote a more rapid growth. Frosts have caused slight damage to sugar beets and gardens in southern Alberta and some reseeding of early oats has been necessary in the northern parts of the central districts. Damage to winter wheat and early seeded spring wheat by cutworms and wireworms is reported in the southern districts and some reseeding has been required. Pastures have responded well to the recent rains and live stock are in satisfactory condition.

### British Columbia

Dull, cool weather with excessive rainfall has retarded farm operations and crop growth in almost all sections of British Columbia. Although the season is approximately two weeks later than last year, seeding operations are now nearing completion. Hay and pasture conditions are satisfactory. Early strawberries and gooseberries are now appearing on the market but dry, bright weather would improve the harvest. In the Okanagan Valley the set of fruit is heavy on apricots and peaches, variable on cherries, light on plums and prunes, and while on apples and pears it is not as heavy as the bloom would indicate, a better than average crop is in prospect. Heavy crops of raspberries and black currants appear likely. Cool weather retarded vegetable growth. Excessive rains in the Creston area have held up seeding operations and restricted pollination of fruit crops. Stone fruit and strawberry blossoms were killed by late frost. There is danger of the dykes not holding in this area.





Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending June 1	
		8 a.m. June 1	since April 1	since April 1	Mean	Normal
Manitoba						
1	Pierson	1.44	2.12	3.27	51	55
	Waskada	.78	2.42	2.64	52	57
2	Boissevain	1.44	3.49	3.37	49	56
	Ninette	1.30	4.53	3.60	51	56
	Pilot Mound	.62	2.64	3.42	50	56
3	Emerson	.70	2.73	2.70	54	57
	Morden	1.50	6.00	3.22	52	56
	Graysville	.60	2.98 1/	3.15	52	56
	Morris	.66	4.14	2.94	52	57
	Portage la Prairie	1.48	3.94	3.11	55	57
4	Winnipeg	.32	4.12	3.53	54	58
6	Sprague	.88	2.61	3.44	56	55
	Pinawa	.26	2.15	2.27	56	55
7	Virden	3.14	4.89	2.43	51	55
	Rivers	1.71	3.67	2.92	51	55
8	Brandon	1.40	3.27	2.91	52	56
	Cypress River	1.86	3.98	3.07	51	56
9	Minnedosa	2.42	4.34	2.94	50	55
10	Russell	2.54	4.32	2.61	50	54
	Birtle	2.22	3.94	2.62	50	54
11	Dauphin	2.56	3.01	2.36	N.R.	55
13	Swan River	1.84	3.46	2.31	47	53
	The Pas	2.29	3.86	2.06	48	54
Manitoba Average		1.49	3.61	2.71	51	56
Saskatchewan						
1A	Carlyle	1.82	3.45 1/	3.19	50	54
	Estevan	1.24	2.93	2.93	50	55
1B	Broadview	.92	2.45	2.81	50	55
	Moosomin	1.96	4.12	2.53	50	55
2A	Yellow Grass	.69	2.59	2.79	52	55
	Midale	1.36	2.52 1/	3.28	53	54
2B	Moose Jaw	.81	2.46	2.74	53	57
	Regina	1.15	2.89	2.51	53	55
	Qu'Appelle	.90	2.36	3.25	51	56
	Indian Head	.70	2.01	2.86	50	55
	Francis	1.30	2.58	1.89	54	55
3AN	Chaplin	.64	3.22	3.13	50	56
	Gravelbourg	1.08	4.20	2.16	46	55
3AS	Assiniboia	1.08	4.35	2.15	50	54
	Ceylon	.56	2.94	3.13	51	56
3BN	Swift Current	.63	3.19	2.74	49	57
	Hughton	.36	2.12	3.14	48	55
	Pennant	.74	3.00	2.90	48	55
3BS	Aneroid	1.06	4.00	2.59	50	54
	Cadillac	1.28	3.11	3.71	49	53
	Val Marie	.70	2.44 1/	2.64	50	53
	Shaunavon	.56	2.22	2.29	48	53
	Instow	.80	3.06	2.35	48	54
4A	Maple Creek	.56	2.17	2.66	51	55
	Consul	.90	2.50	2.65	49	53
4B	Roadene	.48	2.37	3.14	50	55
5A	Yorkton	.82	2.92	2.67	49	54
	Hubbard	N.R.	2.16 1/	2.40	N.R.	53
	Leross	.86	2.81 1/	2.57	46	52
5B	Kamsack	1.66	3.68	1.96	48	53
	Foam Lake	.54	2.54	2.57	50	52
	Lintlaw	.64	3.03	2.93	48	51
	Wynyard	1.10	3.48	1.96	50	52
6A	Davidson	.64	2.89	2.42	52	54
	Nokomis	.32	1.99	1.94	50	53
	Semans	.66	2.66	1.91	52	53
	Strasbourg	.68	3.24	2.73	49	54
	Dilke	1.12	2.28 1/	2.62	N.R.	-
6B	Saskatoon	.38	3.09	2.17	51	54
	Dundurn	.26	2.79	2.37	52	54
	Tugaske	.34	3.15	2.28	53	54
	Elbow	.30	3.53	2.28	50	55
	Outlook	.46	3.36	2.01	50	55
	Harris	.84	4.00	1.83	49	54
7A	Alsask	-	-	2.46	-	-
	Kindersley	.64	1.96	2.21	49	51

Date		Description		Amount	
1907	Jan 1	Balance		100.00	
		Jan 10	Jan 10	10.00	
		Jan 20	Jan 20	20.00	
		Jan 30	Jan 30	30.00	
		Feb 10	Feb 10	40.00	
		Feb 20	Feb 20	50.00	
		Feb 30	Feb 30	60.00	
		Mar 10	Mar 10	70.00	
		Mar 20	Mar 20	80.00	
		Mar 30	Mar 30	90.00	
		Apr 10	Apr 10	100.00	
		Apr 20	Apr 20	110.00	
		Apr 30	Apr 30	120.00	
		May 10	May 10	130.00	
		May 20	May 20	140.00	
		May 30	May 30	150.00	
		Jun 10	Jun 10	160.00	
		Jun 20	Jun 20	170.00	
		Jun 30	Jun 30	180.00	
		Jul 10	Jul 10	190.00	
		Jul 20	Jul 20	200.00	
		Jul 30	Jul 30	210.00	
		Aug 10	Aug 10	220.00	
		Aug 20	Aug 20	230.00	
		Aug 30	Aug 30	240.00	
		Sep 10	Sep 10	250.00	
		Sep 20	Sep 20	260.00	
		Sep 30	Sep 30	270.00	
		Oct 10	Oct 10	280.00	
		Oct 20	Oct 20	290.00	
		Oct 30	Oct 30	300.00	
		Nov 10	Nov 10	310.00	
		Nov 20	Nov 20	320.00	
		Nov 30	Nov 30	330.00	
		Dec 10	Dec 10	340.00	
		Dec 20	Dec 20	350.00	
		Dec 30	Dec 30	360.00	
		Total		360.00	

Precipitation and Temperatures in the Prairie Provinces 2/ (Concluded)

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending June 1 Mean	Normal
		8 a.m. June 1	since April 1	since April 1		
Saskatchewan (Concluded)						
7B	Ruthilda	N.R.	2.44 <u>1/</u>	2.44	N.R.	-
	Macklin	.76	2.36	3.17	49	52
	Scott	.82	2.84	2.31	50	54
	Biggar	.96	3.08	2.27	50	53
8A	Nipawin	1.54	3.62	2.49	50	53
	Naicam	-	-	-	-	-
8B	Melfort	.30	2.80	2.60	51	54
	Humboldt	.28	2.63	2.19	48	54
9A	Rabbit Lake	.34	3.16	2.06	44	54
	Prince Albert	1.08	4.51	2.35	50	54
9B	Battleford	.31	1.89 <u>1/</u>	2.24	51	57
	Waseca	.40	2.65	2.33	49	53
	Lloydminster	.19	1.37	2.15	49	51
	Loon Lake	1.64	3.33 <u>1/</u>	2.58	48	51
Saskatchewan Average		.80	2.92	2.54	49	54
Alberta						
1	Medicine Hat	1.95	3.54	2.37	50	57
	Foremost	.54	3.07	4.08	49	53
	Manyberries	1.80	3.90	2.90	49	57
2	Macleod	.08	5.70	2.63	48	54
	Cowley	.90	6.08	3.41	46	-
	Lethbridge	1.00	5.35	2.96	48	56
3	Cardston	.94	6.08	4.91	48	51
	Brooks	.90	3.63	2.57	49	55
	Empress	.54	1.14	2.52	53	55
4	Vauxhall	1.20	3.26 <u>1/</u>	2.45	48	56
	Vulcan	1.08	3.26 <u>1/</u>	2.74	N.R.	-
	High River	1.06	6.94 <u>1/</u>	3.75	44	52
5	Drumheller	.30	.85	2.68	48	51
	Hanna	.96	1.66 <u>1/</u>	3.00	44	50
	Naco	.54	1.43	3.26	48	52
6	Olds	1.62	2.42	3.33	44	53
	Three Hills	1.34	1.87 <u>1/</u>	2.34	46	51
	Strathmore	.94	1.90	2.79	46	51
7	Gleichen	1.02	1.87	2.65	48	53
	Calgary	1.09	2.98	3.12	46	53
	Coronation	.60	1.72	2.47	47	51
8	Hughenden	.50	1.62	2.56	47	51
	Hardisty	.42	1.70	2.05	N.R.	-
	Sedgewick	1.02	2.52	1.95	46	53
9	Viking	1.14	2.27	2.84	46	53
	Camrose	1.30	2.41 <u>1/</u>	3.02	45	51
	Wetaskiwin	1.64	3.19	2.40	50	53
10	Lacombe	1.92	3.90	2.79	44	53
	Alix	1.42	2.12	2.78	43	54
	Penhold	2.23	3.67	3.56	44	52
11	Stettler	1.26	1.48	3.70	45	52
	Springdale	1.56	3.50 <u>1/</u>	3.46	42	51
	Jasper	.70	1.39	1.74	49	52
12	Vegreville	1.30	2.62	3.05	46	52
	Vermilion	-	-	-	-	-
	Edmonton	1.63	3.16	2.62	46	55
13	Calmar	1.80	4.20	3.39	46	54
	Edson	2.10	3.76 <u>1/</u>	2.36	46	53
	Glendon	1.54	2.02	2.31	48	52
14	Athabaska	.94	1.80 <u>1/</u>	2.71	47	53
	Campsie	1.64	3.10	2.56	47	53
	High Prairie	1.12	1.69	2.13	50	55
15	Kinuso	1.46	2.46 <u>1/</u>	2.50	49	54
	Fairview	.59	1.92	1.69	53	54
	Beaverlodge	1.88	3.49	2.25	53	53
16	Keg River	nil	1.70	2.52	51	52
	Fort Vermilion	nil	.44 <u>1/</u>	1.75	N.R.	53
	Fort McMurray	.12	.45	1.99	53	53
17	Fort Smith	nil	.33	1.12	54	50
	Alberta Average	1.07	2.70	2.72	47	53

N.R. No Report. 1/ Incomplete. 2/ Source: Meteorological Service of Canada.



Date		Description		Amount	
1912	Jan 1	Balance		100.00	
1912	Jan 15	Received from A. B. C.		50.00	
1912	Feb 1	Received from D. E. F.		25.00	
1912	Mar 1	Received from G. H. I.		75.00	
1912	Apr 1	Received from J. K. L.		100.00	
1912	May 1	Received from M. N. O.		150.00	
1912	Jun 1	Received from P. Q. R.		200.00	
1912	Jul 1	Received from S. T. U.		250.00	
1912	Aug 1	Received from V. W. X.		300.00	
1912	Sep 1	Received from Y. Z. A.		350.00	
1912	Oct 1	Received from B. C. D.		400.00	
1912	Nov 1	Received from E. F. G.		450.00	
1912	Dec 1	Received from H. I. J.		500.00	
1912	Total			2500.00	

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1913	Jan 1	Balance		100.00	
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1913	May 1	Received from M. N. O.		150.00	
1913	Jun 1	Received from P. Q. R.		200.00	
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1913	Total			2500.00	



REPORTS OF CORRESPONDENTS

PRINCE EDWARD ISLAND

Charlottetown, Supervisor Illustration Stations

Cropping season is three weeks in advance of 1941 and ten days earlier than normal. Rainfall has been light. Moderate winds have not induced rapid evaporation. Soil temperatures have been very favourable. Germination is rapid. Grain crops are over 90 per cent seeded. Pasture and hay crops wintered well and are making rapid gains.

NOVA SCOTIA

Annapolis Royal, Dominion Entomological Laboratory

Weather satisfactory for fruit and other crops. Light frost May 31, no damage this vicinity. Apple bloom below average. Weather only fair for pollination. Some aphid injury beginning to show where no treatment. Scab fairly prevalent. Strawberry, raspberry and stone fruit crops look favourable.

NEW BRUNSWICK

Fredericton, Department of Agriculture

Work on land over a large part of this province was begun three weeks in advance of the previous two years and has proceeded without hindrance from rainy weather excepting for a few localities where showers in combination with general low temperatures during the first half of the month caused fields to remain soft. Although actual seeding and planting has been desultory and scattered, one-half of the oats acreage has been sown and the same proportion of the potato acreage is planted. Delay in deliveries of fertilizer has been experienced at a few points. There is little change in the acreages to be devoted to the staple crops. Hayfields, meadows and pastures wintered well and clover and grass are thriving. Cattle generally were turned out to graze on May 25th. Farmers are making a sincere effort to expand production by an increased use of commercial fertilizer, pulverized limestone and better seed. The probable increase in the tonnage of fertilizer used is estimated at not less than 25 per cent.

Fredericton, Dominion Experimental Station

Seeding general about May 18. Weather since then favourable for farm operations. Quick and good germination cereals, root and vegetable crops. Growth pastures and hayland about ten days earlier than average; very vigorous growth. Apple bloom promising a week earlier than average.

Fredericton, Supervisor of Illustration Stations

Season in all parts of New Brunswick about two weeks ahead of last year. One-half of grain seeded and one-half potatoes planted. Acreage in these crops will likely be slightly above previous years although some farmers are finding difficulty in securing suitable labour. Clover and pastures excellent.

Fredericton, Dominion Entomological Laboratory

Growth conditions favourable, season two weeks ahead of normal. Early potatoes, peas, beans four inches tall. Late planting nearly completed. Cutworms and flea beetles numerous.

QUEBEC

Quebec, Agricultural Statistician, Department of Trade and Commerce of Quebec

Agricultural conditions are generally good throughout the province of Quebec. Seeding of cereals is nearly completed, exception being made for the following districts Lac St. Jean, Quebec and Lower St. Lawrence. Growth rapid early in May. Very good germination of grains already sown. Due to shortage of fodder live stock came through the winter in poor shape. No damage was reported in meadows and pastures except for Joliette district where 50 per cent of new meadows and alfalfa fields were killed by frost. Figures show an increase every month in dairy production. If that increase remains steady for the coming months the year 1942 will be one of the best.

THE HISTORY OF THE

REIGN OF KING

CHARLES THE FIRST

THE HISTORY OF THE REIGN OF KING CHARLES THE FIRST, FROM HIS MARRIAGE TO THE DEATH OF HIS SON, CHARLES THE SECOND, IN THE YEAR OF HIS AGE, 1649.

BY

JOHN BURNET, BISHOP OF SALISBURY

IN TWO VOLUMES. THE FIRST CONTAINING THE HISTORY OF HIS REIGN, FROM HIS MARRIAGE TO THE DEATH OF HIS SON, CHARLES THE SECOND, IN THE YEAR OF HIS AGE, 1649.

AND

THE HISTORY OF THE

REIGN OF KING CHARLES THE SECOND, FROM HIS MARRIAGE TO THE DEATH OF HIS SON, CHARLES THE SECOND, IN THE YEAR OF HIS AGE, 1649.

BY

JOHN BURNET, BISHOP OF SALISBURY.

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QUEBEC (Concluded)

Quebec, Provincial Laboratories of the Plant Protection Service

Campaign against corn borer continues. Few reports of insect damage available.

Ste. Anne de la Pocatiere, Dominion Experimental Station

Precipitation during May (1.99 inches) was below average but well distributed. Seeding almost completed. Growth rapid and satisfactory. Meadows and pastures very good. With more rain the hay crop will be heavier. Blooming of fruit trees good and five days earlier than normal.

Normandin, Dominion Experimental Station

May precipitation totalled 1.81 inches compared to 2.19 inches average five previous years. Seeding 90 per cent completed in first class condition. New meadows patchy. Old meadows and pastures good. Grain germinating well. Precipitation will be beneficial. Cattle out to pasture May 25.

Lennoxville, Dominion Experimental Station

Growth started early. Hay and pastures well advanced with prospects for hay good. Grain seeding delayed by sunless poor drying weather. Seeding about half completed.

St. Johns, Dominion Entomological Laboratory

General conditions quite favourable to germination and plant growth so far. Seeding nearly all completed by May 23. Hay growth excellent in second year and older meadows. New meadows look rather thin. Pastures fair. Canning peas, oats and barley growing nicely. Rain and warmer weather presently needed.

Hemmingford, Dominion Entomological Laboratory.

Pastures very good. Hay crops very promising. Seeding done under very good conditions and finished. Apples and small fruits promise full crop and ten days earlier than last year. Insect or disease damage not serious. Weather mostly fair and warm. Moisture ample.

L'Assomption, Dominion Experimental Station

Spring work two weeks later than normal. Seeding of small grains, oats and barley not quite finished. Eighty per cent clover hay almost a complete failure. Timothy hay fair. Alfalfa fairly good. Ideal weather for planting tobacco.

ONTARIO

Toronto, Provincial Department of Agriculture

Heavy rainfall during the past three weeks has greatly hampered seeding operations. Seeding of late crops is retarded throughout the province and in central, eastern and northern Ontario farmers have not been able to complete the seeding of spring grains. Quite a few counties report only 75 to 80 per cent of spring grain acreage seeded. With plentiful supplies of moisture, hay, pasture, fall wheat and early spring grains have made good growth. Some spring grain fields are flooded and some are showing yellowish. A period of dry warm weather is badly needed now.

Vineland Station, Dominion Entomological Laboratory

Early set of most fruits fair to good but excessive rainfall makes prospects very uncertain. Over six inches rain in May leaves land water-logged.

Chatham, Dominion Entomological Laboratory

Crops progressing favourably. Corn planting delayed by wet weather. Some wireworm injury to corn in Chatham area. Insect damage to most crops negligible.

THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES OF AMERICA

FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME

BY

JOHN F. JOHNSON

OF THE

UNITED STATES OF AMERICA

AND

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ONTARIO (Concluded)

Galt, Agricultural Representative

Vegetation has very rank growth due to past rainy month. Difficulty being experienced by farmers in getting corn and root crops planted. Crops on poorly drained and heavy land suffering from too much wet weather. On the average crop prospects are excellent.

Barrie, Agricultural Representative

Heavy recurrent rains since April 29 have seriously held up seeding. Grain on light or well drained land is promising but balance quite patchy with growth slow. and weeds getting ahead of the crop in many cases. With approximately 40 per cent silt to be seeded it is difficult to see more than a 50 per cent spring grain crop this season in North Simcoe. Seeding is much further advanced in South Simcoe.

Brighton, Agricultural Representative

Weather during past three weeks generally cloudy and cool with frequent heavy rainfall. Fall grains, hay, pasture and spring grain on high land have made good growth. Lower land is very wet and some fields intended for spring grain will be sown to buckwheat. Wet weather holding up planting of all later crops.

Harrow, Dominion Experimental Station

Recent heavy rains have provided ample soil moisture for even the lightest soil in district. Season slightly ahead of normal with excellent crop prospects. Most of corn crop planted and tomato planting well under way. Recent hailstorm in Harrow district caused severe damage in limited area.

Kapuskasing, Dominion Experimental Station

Earliest seeding in history of Station this year and the most difficult. Can only get one or two days seeding when we are tied up with excessive rain and snow for two weeks at a time. Heavy frost past week damaged clover and grass. Stock went on pasture May 21. Grass short but looks well. Need heat badly. Early sown grain looks well.

Kapuskasing, Supervisor Illustration Stations

Seeding started two weeks earlier than usual in the District but was delayed by several local rains from May 14 to 27. In the Temiskaming district several farmers had completed seedings before bad weather. New meadows now improving after last rains. Live stock sent to pasture middle of May. Grain sown before rain coming up uniformly.

PRAIRIE PROVINCES

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Cool weather has delayed grasshopper hatch. A few individuals have emerged but damage is not expected for some time.

Saskatoon, Saskatchewan

Insect damage generally very light to date being retarded by cool weather. Considerable damage by army cutworm reported from Eastend, Consul and Swift Current. Slight damage by red-backed cutworm reported from Delmas.

Lethbridge, Alberta

Army cutworm and wireworms have caused slight losses to winter wheat and early seeded spring wheat throughout southern Alberta, with some recovery due to recent rains. Cutworms most severe at Turin, Champion, Foremost, Grassy Lake, and Chin. Wireworm general. About 1,100 acres reseeded.

THE HISTORY OF THE

REIGN OF KING CHARLES THE FIRST

IN THE YEAR OF OUR LORD ONE THOUSAND SIX HUNDRED AND FORTY TWO.

THE FIRST PART

OF THE REIGN OF KING CHARLES THE FIRST.

THE SECOND PART

OF THE REIGN OF KING CHARLES THE FIRST.

THE THIRD PART

OF THE REIGN OF KING CHARLES THE FIRST.

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OF THE REIGN OF KING CHARLES THE FIRST.

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OF THE REIGN OF KING CHARLES THE FIRST.

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THE SEVENTH PART

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OF THE REIGN OF KING CHARLES THE FIRST.

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OF THE REIGN OF KING CHARLES THE FIRST.

THE TENTH PART

OF THE REIGN OF KING CHARLES THE FIRST.



### HAIL DAMAGE

Alberta (The Alberta Hail Insurance Board, Calgary)

No hail damage reported in province to date.

### MANITOBA

Winnipeg, Provincial Department of Agriculture

Very heavy rains general over province the past week were especially welcome in west and northern sections. Seeding almost completed except east portion of province where excess moisture will result in considerable reduction in acreage seeded. Weather very cool and growth one week or more behind normal. Little damage apart from some flooding. Hay and pastures excellent.

### SOUTH-CENTRE

Morden, Dominion Experimental Station

Rain in May 50 per cent above average. Some coarse grain and corn yet to be planted due to wet ground. Large increase in barley and corn acreages. Wheat developing well. Pastures and hay crops dense and rank.

### SOUTH-WEST

Melita, Telegraphic Correspondent

Rainfall last week totalled 1.7 inches. Seeding practically finished except for flax, millet and corn. All grain making good root. Pastures good and stock wintered well.

### WEST-CENTRE

Brandon, Dominion Experimental Farm

Weather continues unusually cool. Rain totalling 1.10 inches is improving germination of late sown grain and stimulating growth of early cereal, hay and pasture crops. Some seeding of late grain crops and flax in progress. Early wheat five inches high and barley three inches.

Woodnorth, Telegraphic Correspondent

Seeding practically completed and crop conditions good. Rainfall on May 27 totalled 2.50 inches. No frost damage and pastures in satisfactory condition. Live stock wintered well and feed supply ample.

### NORTH-CENTRE

Teulon, Agricultural Representative

Wheat all sown and coarse grains 75 per cent sown. Farm work two weeks behind normal. Wheat acreage decrease 20 per cent, flax unchanged. Soil moisture satisfactory. No soil drifting but some winter killing of alfalfa. Most pasture and hay crops making good showing. No insect damage.

### NORTH-WEST

Minnedosa, Telegraphic Correspondent

Seeding late and growth slow due to cold, wet weather. Rain on May 28, totalling 2.6 inches, washed hilly fields and flooded low spots. Seeding should finish this week. Weeds slightly worse than normal. Light frost several nights but no damage. Pasture good.

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MANITOBA (Concluded)

NORTH-WEST (Concluded)

Swan River, Telegraphic Correspondent

Seeding practically finished and all grain growing fine. Good rain last week of 1.75 inches. Moisture plenty for present. Pastures coming along fine. Light frost and very little damage. All stock in good condition. Less wheat by 10 per cent and more coarse grains and flax.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Except for an occasional field, wheat seeding is completed and only 10 per cent of the coarse grains remains to be sown. Germination has been fairly even although retarded somewhat due to cool weather. About 75 to 80 per cent of the wheat and 45 per cent of the coarse grains are now showing above ground. Moisture conditions on the whole have been improved by recent rains but the precipitation was not evenly distributed. Several areas received only light showers. Surface moisture conditions are reported generally good in south-eastern, Regina-Weyburn, south-central, and in extreme south-western, east-central and north-eastern districts, but for the most part fair to poor elsewhere. Reserve supplies range from fair to good in south-eastern, Regina-Weyburn, east-central and north-eastern Saskatchewan, and on the heavy land in west-central Saskatchewan. Considerable variation is noted in other districts and good timely rains will be required to carry the crop through. Grasshoppers are commencing to hatch at points in south-central and central Saskatchewan but cool weather has prevented any general outbreak so far. Slight damage from soil drifting and some evidence of cutworm and wireworm activity are reported from scattered points. Although some fields of early seeded coarse grains were injured by frost about the middle of May, taking the province as a whole, the amount of permanent damage does not appear to have been great. Further frosts are reported at a few points however, and some additional damage may result. Extensive winter killing of alfalfa occurred in the area from Prince Albert to Pas Trail where 95 per cent injury to stands over one year old is reported. Native grasses also suffered severely and the pasture situation in that area is unsatisfactory. Live stock for the most part are in fair to good condition.

SOUTH-EAST

Manor, Telegraphic Correspondent

Growth is slow due to cool weather although pastures are good. Some crops quite weedy. Good rains this week over all this district. Some coarse grains not seeded yet. Total moisture from April First 3.84 inches.

Indian Head, Dominion Experimental Farm

Heavy rains during weekend greatly improved cereal crops, hay and pasture fields. Total precipitation during week was 1.6 inches.

SOUTH-WEST

Swift Current, Supervisor of Illustration Stations

Carmichael district seeding completed and summerfallow work underway. Weather cool and showery with .75 inch of rain over weekend which will supply much needed moisture particularly for late sown grain and pastures. Early sown grain has good stand and fair growth. Apparently no material damage from frost. Some increase in acreage of barley and flax.

Val Marie, Telegraphic Correspondent

Wheat seeding completed and coarse grains 75 per cent completed. Moisture good. Increase of 200 per cent in flaxseed acreage. Pastures good but some damage done to crops by worms. Too early to estimate amount.





SASKATCHEWAN (Concluded)

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Heavy rain past week supplied plenty of surface moisture. General condition excellent but good growing weather needed. No damage reported.

WEST-CENTRE

Scott, Dominion Experimental Station

Frequent showers during past week have guaranteed good stands of all late seeded grain but insufficient as yet to guarantee much hay. Growth generally backward with early sown grain damaged from frost now recovering but outlook for grain crops in west-central Saskatchewan quite good as at this date.

Senlac, Telegraphic Correspondent

Rainfall since last report totalled more than .50 inch. Wheat all up and coarse grains half sown. Late frosts have retarded growth but no other damage to report. Expect much improvement in all crops by next report as heavy rains are falling at present.

NORTH-EAST

Melfort, Dominion Experimental Station

Seeding almost all completed. Snow and rain during week gave .43 inch of rain. Crops are not suffering but there is little reserve moisture.

NORTH-WEST

Prince, Telegraphic Correspondent

Seeding completed and most fields are up for a good start. Ploughing of summerfallow is very dry owing to heavy growth of stinkweed. Total rainfall from April first is 3.10 inches made up mostly of small showers. A good soaker is needed to help subsoil moisture conditions. Frosts on May 28 and 29 but cannot see any sign of damage to crops.

ALBERTA

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

Rain during May totalling 3.75 inches has made conditions most promising. Seeding nearly completed. Range conditions excellent with live stock in satisfactory condition. Warm weather needed for maximum growth.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

During May heavy rains were received from Calgary to Cardston and good rains as far east as Bow Island. Lethbridge recorded 4.61 inches of rainfall while north of Medicine Hat only scattered showers were received. Crops are generally satisfactory. Slight but not serious frost damage to sugar beets and gardens.

Vulcan, Telegraphic Correspondent

Weather cool and cloudy during past week. Rainfall 1.05 inches since last report. Average height of wheat about six inches. No damage to date and general conditions good at present.

THEORY OF THE EARTH

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ALBERTA (Concluded)

EAST-CENTRE

Hanna, Telegraphic Correspondent

Rain since last report .94 inches. Weather now cool and cloudy. Need warmth for quick growth. Crops backward. No damage to date nor any sign of grasshoppers.

CENTRE

Sedgewick, Telegraphic Correspondent

One inch of rain this last week. Wheat coming on nicely. Some early oats will have to be reseeded on account of frost. Some flax and barley to be seeded yet. This crop is a little later than usual due to the heavy frost and dry weather.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Heavy rains during past week and wheat stooling well. Conditions of all crops and pastures greatly improved and outlook very encouraging.

Olds, Telegraphic Correspondent

Seeding delayed for one week on account of heavy rains. Only 75 per cent of coarse grains seeded. Wheat acreage about same as last year. Increase in coarse grains about 12 per cent. Growth rather slow but should make rapid progress with warm weather.

Lacombe, Dominion Experimental Station

Four days snow and rain May 25 to 28 totalling 1.92 inches penetrated the soil where it fell. This will help all crops but with only 2.1 inches of rain during May heavy rains still needed. Some barley and flax to seed.

Edmonton, Telegraphic Correspondent

Rainfall since last report 1.5 inches. Crop conditions now excellent. Some reseeded of oats. Percentage hard to determine. Report later on past frost damage.

NORTH

Athabasca, Telegraphic Correspondent

Good rain last week improved crop situation. Seeding completed except for green feed. Season to date has been backward with growth very slow. Pastures have been poor. With present moisture and warm weather expect rapid growth. Prospects at this date good.

NORTH-WEST

Beaverlodge, Dominion Experimental Station

Seeding practically completed except a little flax and green feed. Wheat up three or four inches. Good steady rain last week replenished surface moisture and light frost Friday morning did little harm unless to fruit blossoms. Tent caterpillars defoliating trees and shrubs.

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BRITISH COLUMBIA

Victoria, Provincial Department of Agriculture

Season approximately two weeks later than last year. Weather during the past two weeks has been generally dull and cool with a few fine warm days and some heavy rains. With the exception of a few scattered districts, moisture reserves are most satisfactory. Seeding operations are nearing completion. All field crops are making excellent growth and pastures are better than average. Cutting of alfalfa in the Okanagan district will commence as soon as the weather becomes settled. Farm labour situation is acute.

Victoria, Dominion Entomological Laboratory

All field crops looking well. Cool cloudy weather with frequent showers has retarded growth generally. Early strawberries now being picked. Some damage to peas by sitona weevil general throughout district but no serious diminution of crop. Pears and apples show good promise. Hay crop good.

Saanichton, Dominion Experimental Station

Weather dull and cool with plenty of soil moisture. Gooseberries and strawberries appearing on market in limited quantities. Set of tree fruits at this date appears to be light. Grain and hay crop developing satisfactorily. Some early hay crops ready for cutting. Local vegetables are becoming more plentiful.

Agassiz, Dominion Experimental Farm

Season about two weeks later than last year. Although there has not been an oversupply of moisture it has been cool and cloudy with little showers occurring almost continuously. Dry bright weather required immediately for strawberries and haying. Both crops just ready to harvest. Ensilage corn is being planted between showers. Potatoes and pastures good. Live stock in good condition with milk production now at the peak.

Agassiz, Supervisor Illustration Stations

Excellent stand of fall wheat at Alberni and Duncan. Heavy hay crops are shaping up generally on Vancouver Island. Alfalfa will be ready to cut in one week. Pastures are good. Moisture abundant for immediate requirements.

Summerland, Dominion Experimental Station

Maximum temperature in May 81, minimum 36, rainfall 2.43 inches, almost three times 26-year average. Soil moisture conditions excellent except in few flooded areas. Spraying programme for codling moth disrupted by frequent showers. Set of fruit heavy on apricots and peaches, variable on cherries, light on plums and prunes. Set on apples and pears not as heavy as indicated by blooms but sufficient to ensure better than average crop. Raspberries and black currants promised heavy crop. Growth of heat-loving vegetables such as tomatoes, corn, canteloupes retarded by cool wet weather. Alfalfa hay south-end of the valley ready to cut.

Creston, Supervisor District Experimental Sub-Station

Heavy rains experienced since May 9 throughout Kootenays. Stone fruits and strawberry blossoms killed by frost. Pollination of tree fruits restricted. Large areas of field crops inundated on Creston flats. Growth and seedings greatly retarded, seeding not complete. Still danger of dykes not holding.

LATE REPORT

ALBERTA

Cardston, Telegraphic Correspondent

Weather continues to stay cold and stormy and has kept seeding at a standstill for the last week. The crops that are in are growing and stooling well. Pasture and hay best in years.



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