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by Authority of the Hon. Jas. A. MacKinnon, M.P.,  
Minister of Trade and CommerceDOMINION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL BRANCH

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Dominion Statistician:

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Statistician:

R. W. Coats, LL.D., F.R.S.C.

C. F. Wilson, Ph.D.

J. B. Rutherford, M.Sc.

TELEGRAPHIC CROP REPORT

Ottawa, June 11, 1940, 3 p.m. - The Dominion Bureau of Statistics issues today the **third** of a series of 15 weekly telegraphic reports covering crop conditions in the Prairie Provinces. Sixty-two correspondents distributed over the agricultural area supply the information on which the reports are based. Most of these correspondents are agriculturists of the Dominion and Provincial Departments of Agriculture but a number of selected private observers and grain men also cooperate in this service. The Meteorological Service of Canada, Toronto, supplies official weather data.

SUMMARY

General improvement in crop prospects in the Prairie Provinces occurred during the past week as a result of rains and cool weather. In northern Manitoba and in central and northern Saskatchewan where moisture conditions were inadequate, rains brought relief to the crop at many points. Further rains in these parts are needed to bring the crop along. At several points in central Saskatchewan moisture conditions are still very poor and crops are making little progress. Grasshopper outbreaks in southern Manitoba, south-western Saskatchewan and south-eastern Alberta are threatening serious damage. In south-western Saskatchewan stubble crops have already suffered severely. Early wheat over the southern part of the prairies is stooling well and growth has been healthy. Coarse grain stands are not as satisfactory due to poor germination. Fields of fall rye are heading in central Manitoba.

Manitoba

A week of cool weather and general rains over the past week-end have greatly improved crop prospects in the province. The rains were particularly welcome in central and northern sections where moisture to date has been limited. Crops in southern Manitoba are making good growth. Stands are good and wheat is stooling well. Grasshoppers are active in the south but cool weather has restricted the damage. Wireworm damage has been extensive throughout the province and has caused considerable thinning of the crops. Fall rye is heading at points in central and south-western Manitoba. While hay crops will be short in the central and northern areas, the recent rains will bring about some improvement.

Saskatchewan

Further rainfall during the past week again improved crop prospects generally. In the south, where moisture conditions were fairly satisfactory, the rainfall was particularly heavy and moisture conditions are now very favourable. In the central and northern parts of the province the amount of precipitation varied and many points still require timely rains to promote growth and carry the crop as the season progresses. Wheat has reached an average height of about five and one-half inches and on the whole presents a healthy appearance. Coarse grains have made fair progress but slow germination in the drier parts of the province has resulted in some uneven stands. Grasshoppers have caused serious damage to stubble crops in the badly infested area in the extreme south-west. Control measures to minimize crop losses are under way. Live stock and pastures are in fair to good condition.

Alberta

Conditions for crop growth continued to be favourable during the past week. Rains were general throughout the province, though scattered areas received only light showers. Subsoil moisture is generally sufficient except in the north-east. Cool weather promoted healthy growth and early wheat is stooling well. Grasshoppers are a serious threat to crops in the south-east where some damage has been reported. Seeding of coarse grains is practically completed. Pastures are in excellent condition.

Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total since	Normal since	Week ending	June 10
		8 a.m. June 10	April 1	April 1	Actual	Normal
Manitoba						
1	Pierson	1.34	5.80	4.03	57	57
	Waskada	1.42	6.31	3.50	55	59
2	Boissevain	.65	3.37	4.10	56	58
	Ninette	.50	5.17	4.46	60	58
	Pilot Mound	.80	5.27	4.36	56	59
3	Emerson	.68	4.04	3.53	60	59
	Morden	.38	6.26	4.12	59	59
	Graysville	.52	3.84 1/	4.17	59	58
	Morris	.72	5.37	3.84	59	59
	Portage la Prairie	.90	3.94	3.88	62	59
4	Winnipeg	1.08	4.04	4.42	59	60
6	Sprague	.28	3.06	4.36	54	58
	Pinawa	.70	2.36	2.98	58	57
7	Virden	.74	4.09	3.26	58	57
8	Rivers	.49	1.93	3.70	57	58
	Brandon	.92	3.65	3.77	57	58
	Cypress River	.82	4.06	3.88	58	58
9	Minnedosa	.77	2.43 1/	3.80	56	58
10	Dropmore	.90	1.85	3.34	54	56
	Russell	1.56	2.72	3.49	56	56
	Birtle	.98	2.26	3.52	56	56
11	Dauphin	1.14	2.81	3.09	60	57
13	Swan River	1.04	1.38	3.30	56	55
	The Pas	.15	1.66	2.65	56	56
Manitoba Average		.81	3.61	3.73	57	58
Saskatchewan						
1A	Carlyle	.76	4.38	4.06	57	56
	Estevan	1.12	7.26	3.82	57	57
1B	Broadview	.91	3.96	3.47	55	57
	Moosomin	1.44	3.80	3.36	56	57
2A	Yellow Grass	1.16	4.12	3.65	55	57
	Midale	.72	5.06	4.13	56	56
2B	Moose Jaw	2.55	4.66	3.62	58	58
	Regina	1.16	2.82	3.41	56	57
	Qu'Appelle	2.18	5.20	4.25	56	58
	Indian Head	N.R.	2.33 1/	3.92	N.R.	56
	Francis	1.36	2.53	2.63	56	57
3AN	Chaplin	2.02	3.55	4.02	58	58
3AS	Assiniboia	2.90	6.40	2.96	55	57
	Ceylon	2.34	7.79	4.57	N.R.	58
	Gravelbourg	1.88	4.25	2.91	54	57
3BN	Swift Current	2.33	4.79	3.60	55	59
	Hughton	1.26	3.31	3.80	56	57
	Pennant	1.18	2.66	3.89	54	57
3BS	Aneroid	2.68	6.52	3.61	56	56
	Cadillac	3.60	7.30	4.77	56	55
	Val Marie	1.36	6.39	3.46	56	56
	Shaunavon	3.04	8.11	3.02	55	55
	Instow	1.60	4.15	3.07	54	57
4A	Maple Creek	1.36	6.08	3.50	55	57
	Consul	1.05	6.12	3.31	55	55
4B	Roadene	1.42	4.68	3.80	56	57
5A	Yorkton	1.70	3.34	3.46	57	56
	Hubbard	1.96	4.08	3.21	56	54
5B	Kamsack	1.16	1.86	2.65	54	55
	Foam Lake	1.64	3.10	3.31	52	55
	Lintlaw	1.06	1.65	3.62	53	53
6A	Davidson	1.64	2.58	3.10	56	56
	Nokomis	1.64	2.63	2.50	58	55
	Semans	1.34	2.62	2.37	58	55
	Strasbourg	2.01	2.79	3.53	55	56
	Dilke	1.90	3.29 1/	3.34	N.R.	N.R.
6B	Rosthern	.12	1.96	3.11	56	56
	Saskatoon	.42	1.86	2.86	57	56
	Dundurn	.40	1.88	3.36	58	56
	Tugaske	1.96	3.98	3.01	56	57
	Elbow	1.24	2.73	3.02	57	57
	Outlook	.70	1.95	2.49	58	57
	Harris	.88	3.55	2.51	56	56

N.R. No Report. 1/ Incomplete, one report missing.



Precipitation and Temperatures in the Prairie Provinces (Concluded) 4/

Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total since	Normal since	Week ending June 10	
		8 a.m. June 10	April 1	April 1	Actual	Normal
Saskatchewan (Concluded)						
7A	Alsask	N.R.	<u>1/</u>	3.95	N.R.	54
	Kindersley	1.30	4.40	2.76	55	53
7B	Macklin	1.04	4.57	3.79	55	54
	Scott	1.02	3.46	2.95	54	56
	Biggar	.82	2.49	3.13	58	55
8A	Nipawin	.06	1.25	3.22	56	55
	Naicam	.14	1.94	2.91	54	56
8B	Melfort	.17	2.45	3.20	55	56
	Dana	.10	1.48	4.54	58	55
	Humboldt	.09	1.09	2.84	55	56
9A	Rabbit Lake	.42	2.31	2.89	53	56
	Prince Albert	.25	2.62	3.15	55	56
9B	Battleford	.36	.99	3.05	57	58
	Waseca	.52	2.87	3.09	55	55
Saskatchewan Average		1.30	3.68	3.36	56	56
Alberta						
1	Medicine Hat	.74	5.24	3.08	57	58
	Foremost	.26	4.36	4.89	55	55
	Manyberries	.64	5.03	3.53	56	59
2	Macleod	.36	7.30	3.45	54	56
	Cowley	.45	4.27	4.21	N.R.	N.R.
	Lethbridge	.33	4.87	3.77	55	58
	Cardston	.58	5.34	6.04	53	53
3	Brooks	.56	4.46	3.16	56	56
	Empress	.90	4.24	3.27	58	57
	Vauxhall	.32	<u>2/</u>	3.04	55	58
4	Vulcan	.38	6.11	3.48	N.R.	N.R.
	High River	.74	4.97	4.75	52	54
5	Drumheller	.52	4.30	3.59	57	53
	Hanna	1.26	4.18	3.94	52	52
	Naco	.30	3.83	3.93	56	53
6	Olds	.58	5.87	4.12	52	54
	Three Hills	1.26	5.34	3.26	54	53
	Strathmore	2.20	7.16	3.69	53	53
	Gleichen	.28	3.44	3.35	53	55
	Calgary	.62	5.61	4.04	52	55
7	Coronation	.54	3.19	3.08	54	53
	Hughenden	1.00	4.40	3.27	50	53
	Hardisty	1.04	4.35	2.67	N.R.	N.R.
	Sedgewick	1.18	5.67	2.79	55	54
	Viking	.48	3.36	3.47	55	55
8	Camrose	.48	5.13	3.65	54	53
	Wetaskiwin	.50	5.71	3.35	54	55
	Lacombe	.20	4.49	3.76	54	54
	Alix	.32	3.73	3.56	54	55
	Penhold	.53	5.34	4.66	52	54
	Stettler	.76	3.46	4.47	54	54
9	Springdale	.24	6.24	4.37	50	53
10	Vegreville	.64	2.96	3.97	55	54
	Vermilion	.62	2.91	3.42	54	54
	Lloydminster	.76	2.71	2.85	54	54
11	Edmonton	.23	5.25	3.44	54	56
	Calmar	.30	6.26	4.24	54	55
12	Edson	.30	5.77	3.16	52	54
	Jasper	.15	2.37	2.10	49	54
13	Glendon	.38	3.64	3.11	47	54
14	Athabaska	.40	4.50	3.38	48	55
	Campsie	.36	5.11	3.48	52	54
15	High Prairie	.16	2.95	2.98	54	56
	Kinuso	.18	2.85	3.25	52	55
16	Fairview	.14	2.00	2.33	52	56
	Beaverlodge	.05	3.09	2.85	54	54
17	Keg River	.64	2.37	2.69	49	54
	Fort Vermilion	.54	3.33	2.24	52	55
	Fort McMurray	.15	1.08	2.65	54	55
	Fort Smith	Nil	1.30	1.72	47	52
Alberta Average		.53	4.32	3.47	53	55

N.R. No Report. 1/ No report since April 15. 2/ No report until May 27.

3/ Incomplete, one report missing. 4/ Source: Meteorological Service of Canada.

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Grasshopper bait mixing stations opened at Virden, Pilot Mound, Dominion City, Clandeboye and Stonewall. Cool weather has kept damage small. Considerable damage by wireworms.

Saskatoon, Saskatchewan

Surveys in south-central Saskatchewan show eight to forty per cent damage by wireworms to wheat seeded on summer-fallow. Cedoux-Worcester-Fillmore area affected the most and many fields have had to be reseeded. General damage also observed in north-west and west-central districts.

Lethbridge, Alberta

Grasshoppers as high as eight hundred per square foot have destroyed most of stubble crops in south-eastern Alberta in spite of extensive poisoning campaign. Wireworms have caused slight thinning of wheat in other areas.

HAIL DAMAGE

ALBERTA (The Alberta Hail Insurance Board, Calgary)

Some hail in Crossfield and Aldersyde districts during week. Crop too young to sustain any permanent damage.

REPORTS FROM CORRESPONDENTS

MANITOBA

Winnipeg, Provincial Department of Agriculture

Week cool weather with showers and heavy general rains over week-end improved crop outlook considerably, especially central and north where moisture has been limited. Crops making satisfactory progress. Rains will improve hay and pastures interlake and northern parts where situation was serious. Grasshoppers throughout south sections but not serious with farmers poisoning where necessary. Sweet clover weevil and flea beetle on gardens general and doing damage.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Weather continues cool. Crop making good growth. Alfalfa above average. No sweet clover. Hay fields fair. Corn looking well. Grasshoppers thick in places. Heavy hatch in some grass areas. Cutworms attacking gardens. Point four two inch rain during week. Pastures good. Much rain needed to supply heavy growth.

Carman, Agricultural Representative

Favourable crop weather conditions. Occasional rains providing sufficient moisture. More weeds than usual. Hay and pastures very good. Insect damage slight. Grasshoppers numerous in spots. Poison bait supplied. Gardens damaged some by cutworms.

SOUTH-WEST

Killarney, Telegraphic Correspondent

Crops progressing favourably. Little insect damage. Past week much cooler with night temperatures hugging the frost line. Some good showers. Pastures and hay crops good.

Melita, Telegraphic Correspondent

Ideal crop weather, cool and showery. Nearly one inch of rainfall. Early wheat sixteen inches high. Stools heavy. Rye crop good and is heading. Damage by wireworms very slight. No grasshopper damage. Gardens and pastures excellent.



REPORTS FROM CORRESPONDENTS (Continued)

MANITOBA (Concluded)

CENTRE

Portage la Prairie, Agricultural Representative

Late barley almost all sown. After excellent growth wild oats killed. All crops doing well although some weedy. Early wheat foot high. Slight damage by wireworms and rootrot. Small increase in flax and sugar beet acreage. Decrease oats. Cool showery weather helping dry subsoil situation.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Rains at the end of the week were especially beneficial to grain and will assist hay and pastures. Hay crop is likely to be light as many of last year's seedings have failed and wild hay will be scarce as sloughs have been dry all spring.

Woodnorth, Telegraphic Correspondent

Recent heavy rainfall has improved crop prospects greatly. Some reports of damage by cutworms but this is not general. No frost damage. Fall rye heading on straw rather short. Pastures good.

NORTH-CENTRE

Teulon, Agricultural Representative

Point six four inch rain Sunday provided moisture for immediate needs. Crop went back badly last week. Subsoil very dry. Pastures and hay poor. Alfalfa and clover good. Cutworms troublesome in gardens. Grasshoppers in some localities.

NORTH-WEST

Minnedosa, Telegraphic Correspondent

Had point seven seven inch rain over week-end with shower tonight. Wheat about six inches high. All grain stood well. Pasture and hay very poor. Water supply problem.

Kelwood, Telegraphic Correspondent

During past week splendid rains making of crop. Prospects bright apart from weeds especially wild oats. No adverse conditions to report.

Russell, Telegraphic Correspondent

A heavy intermittent rain over the whole district between Saturday noon and Sunday noon supplied much needed moisture. Weather remains cool and sky cloudy.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Moderate to heavy rains have fallen at most points in the province during the past two weeks and crop prospects on the whole are now materially improved. The rainfall was particularly heavy in southern districts where moisture conditions are now generally good. In central and northern districts the rainfall was lighter and the amounts received varied considerably in different districts. Some points in the north still need more moisture for present requirements while at others further precipitation will be needed shortly to carry the crop. Growth of wheat has been good at most points in southern districts but only fair to good in central and northern areas with some points reporting growth slow where only light showers were received. The crop on the whole presents a healthy appearance with an average height of five and one-half inches. Except for a little green feed, seeding of coarse grains is completed. Coarse grains have made fairly good progress taking the province as a whole although slow germination in the drier parts has resulted in some uneven stands. Recent rains will be particularly beneficial to late-sown crops. Serious damage has taken place as a result of the grasshopper outbreak in the badly infested area in extreme southwestern Saskatchewan. Control measures are proving effective in protecting crops on

REPORTS FROM CORRESPONDENTS (Continued)

SASKATCHEWAN (Continued)

Regina, Provincial Department of Agriculture (Concluded)

summer-fallow but a large proportion has been sown on stubble and heavy loss is anticipated. Grasshoppers are active at scattered points in other parts of the province chiefly on light land. Control measures are under way to minimize the crop loss. Wireworms are reported to be active at many points in the province but so far the damage on the whole has been slight. Very little reseeding has been necessary. Some damage to gardens is reported from grasshoppers and cutworms. The weather has varied from cool to very warm. Live stock and pastures are in fair to good condition.

SOUTH-EAST

Manor, Telegraphic Correspondent

Conditions ideal for all crops. Early seeded wheat making good growth. Germination even. No damage in evidence. All seeding completed and growing well under ideal conditions. Moisture sufficient. Pastures excellent. Rainfall since April first six point six inches.

Indian Head, Dominion Experimental Farm

Cool weather and timely rains have greatly improved crop prospects. Grasshoppers reported to be quite numerous in some areas. Municipal mixing stations distributing poison bait for grasshopper control. Some wireworm damage reported. Hay and pasture fields doing well. Weekly precipitation one point four two inches.

SOUTH-WEST

Swift Current, Dominion Experimental Station

All grain seeding completed. Early-sown crop six inches high. Two days rain totalling over two inches especially beneficial to late-sown crop. Soil moisture on stubble land fair to fairly good, on fallow good to excellent. Wireworm damage five to ten per cent in places. Few grasshoppers hatched out. Pastures and live stock satisfactory.

Val Marie, Telegraphic Correspondent

Crop conditions are good. Moisture is good. Two inches precipitation since last report. Seeding completed. Germination good. Pastures and stock very good.

WEST-CENTRE

Rosetown, Telegraphic Correspondent

Moisture during week one point three six inches of good steady rain. Total to date three point one eight inches. Late grains doing very well. Crop growth good. No damage of any serious nature. A lot of summer-fallowing done.

Scott, Dominion Experimental Station

During past week heavy showers have provided ample surface moisture to give grain crops healthy start. Pastures are green again and hay fields will give better than normal yield. No widespread damage from field crop insects at this date in west-central Saskatchewan.

Senlac, Telegraphic Correspondent

All crops and gardens show good growth with plenty of moisture to carry for two weeks. Early-sown wheat six inches high with small percentage damage from grasshoppers. Precipitation for June one and one-half inches. Crop conditions are normal except for later seeding than usual.



REPORTS FROM CORRESPONDENTS (Continued)

SASKATCHEWAN (Concluded)

NORTH-EAST

Melfort, Dominion Experimental Station

Weather cool during week with scattered showers in district. Crops growing well. Stooling heavy on summer-fallow. Early-seeded grain becoming quite weedy due to slow growth of grain earlier in the season. Grass crops and pastures in excellent condition. Seeding of coarse grains completed during the week.

NORTH-CENTRE

Rosthern, Dominion Experimental Station

Rain of over one inch during week has revived grass and grain but subsoil is still dry particularly on stubble land. Grasshoppers plentiful at scattered points but infestation not as general as last year. Bait is being spread.

ALBERTA

Edmonton, Provincial Department of Agriculture

General crop conditions good. Small area in Peace River district needs rain. Other districts received showers to good rains in past fortnight. Crops making rapid progress. Wheat three to ten inches high. Coarse grains satisfactory. Except for small acreage green feed all seeding completed. Insect damage very limited.

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

Further heavy showers during the week have made prospects excellent. Ranges making wonderful growth. Grasshopper situation serious and some damage has already been done to crops.

SOUTH-WEST

Cardston, Telegraphic Correspondent

Good rain over district last week. Moisture enough to carry crops two to three weeks without damage. No reports of grasshoppers, cutworms or any damage to date. Prospects are very good at present. Grass lands have exceptionally good growth this year.

Vulcan, Telegraphic Correspondent

Weather cool during most of past week but has turned warmer today. Good showers last Friday and Saturday. Early-sown wheat stooling well. Some grasshoppers reported south side of district but they are being poisoned. General conditions good at present.

Claresholm, Telegraphic Correspondent

Point seven five inch rain during week. Crop conditions good.

EAST-CENTRE

Hanna, Telegraphic Correspondent

General conditions excellent. One and one-quarter inches rain past week. Germination of late-sown wheat now good and crop making rapid growth. Some early-sown fields very weedy but wheat healthy. No damage to date.

REPORTS FROM CORRESPONDENTS (Concluded)

ALBERTA (Concluded)

CENTRE

Stettler, Telegraphic Correspondent

Point six six inch rain since last report with ideal weather. All grains growing fast. No damage to date. Pastures good. General conditions good.

Sodgowick, Telegraphic Correspondent

Another inch of rain the past week. No damage reported. Growth has been satisfactory with the exception that grain is ten days late. General conditions excellent.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Good rains this area past week. Moisture conditions excellent. Growth rapid with crops stooling well. No damage reported.

Olds, Telegraphic Correspondent

Had about eight hours of rain since last week. Seeding practically completed except for green feed. Plenty of moisture and growth is good. No damage to report.

Lacombe, Dominion Experimental Station

Seeding completed except some oats for green feed. Two light showers during week. Frequent light showers have forced strong growth but with only one point nine inches rain in May and only one heavy rain this spring there is no reserve moisture. With the strong growth it will need rain.

Edmonton, Telegraphic Correspondent

Crop conditions continue fairly good. Weather a little cool for rapid growth. Still some seeding to be done on low lands. Some reports of uneven stands and retarded growth. Warmer weather would be of great benefit. No frost or worm damage.

Edmonton, Dominion Laboratory of Plant Pathology

Health of crops about average at present although too early to determine extent of rootrots of wheat.

NORTH

Athabasca, Telegraphic Correspondent

Rainfall this week point forty-three inch. All crops doing well. Wheat averages three inches high. Moisture plentiful. No damage. Crop prospects very good.

NORTH-WEST

Beaverlodge, Dominion Experimental Sub-station

Except the usual fairly general wireworm damage crops progressing favourably with fewer troubles than usual though grasshoppers hatching appreciable numbers in a few localities. Subsoil moisture generally good though no general heavy rain yet north of Peace River on Alberta side and dry at Falher.





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