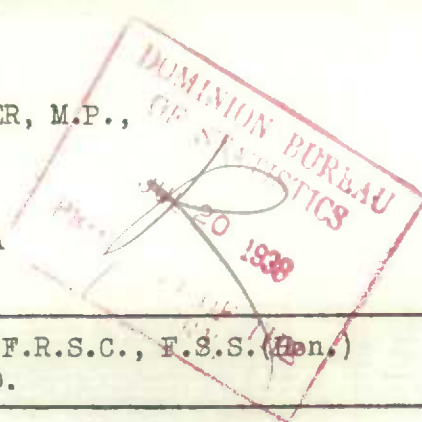


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AGRICULTURAL BRANCH



Dominion Statistician:  
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TELEGRAPHIC CROP REPORT

Ottawa, July 19, 1938, 4 p.m. - The Dominion Bureau of Statistics issues today the fourth of a series of 7 telegraphic reports covering crop conditions throughout Canada. Included in this report is the eighth of a series of 15 weekly telegraphic reports on crop conditions in the Prairie Provinces. Ninety-eight agriculturists distributed over the farming areas provide the basic information for these reports. In many cases, the Provincial Statisticians report for their entire province.

SUMMARY

General crop conditions in the Maritime Provinces continue favourable, although the frequent rains within the past two weeks have delayed haying and the cultivation of potato and root crops. Rains in Quebec have improved field crops and pastures. Fall wheat harvesting is under way in Ontario with good yields reported. Rains are needed over most of the province to maintain pastures. Serious outbreaks of army worms in many districts of both Quebec and Ontario are causing heavy local damage. Grasshoppers have also wrought some local destruction of crops. Crop prospects in the Prairie Provinces have declined slightly as the result of two weeks of dry weather. On the other hand, the dry weather has retarded the development of stem rust, compensating in part for the deterioration through lack of precipitation. Crop conditions in the drier sections of British Columbia were helped by showers during the first week of July. Heavier rains fell in the interior districts. Hay yields were light, and spring grain production will also be light. Fall grains are now being harvested, with yields moderately below normal.

Frequent showers in the Maritime Provinces have hampered hay harvesting and the cultivation of potato, root and vegetable crops. While hay and clover are being cut past their prime, the good growing weather has favoured the grain crops and pastures. In general, all crops are in good to excellent condition, and would be helped further by a period of warm, dry weather.

Rains during the past fortnight have alleviated the earlier drought in Quebec. Hay yields and grain conditions have been improved. Pastures are also in better condition. Grasshoppers have caused local damage, but army worm infestations over wider areas have been more serious. Above average yields of fall wheat are being harvested in Ontario, and cutting of barley and early oats has already commenced. Some rains have fallen in the drier sections of central Ontario, but further rains are needed for pastures in the central and western parts of the province. Army worms have also wrought serious damage over widely separated areas of Ontario.

Some deterioration of crop prospects occurred as a result of warm dry weather over the Prairies. With crops a week to ten days late, precipitation is still needed for filling and proper maturing of the grain crops. Stem rust of wheat is prevalent on susceptible varieties in southern and central Manitoba. Although the first traces of rust were reported as early as June 22, the spread and severity of the infection in Manitoba has been lessened through bright and dry weather. Furthermore, in these areas a large proportion of the wheat acreage is now devoted to Durum wheat and rust-resistant varieties of bread wheats. Prevalence of stem rust is also reported in south-eastern and east-central Saskatchewan, but weather conditions have likewise mitigated against rapid spread of infection. The possibilities of rust damage are greatest in east-central and central Saskatchewan, where the bulk of the acreage is sown to susceptible varieties of wheat. Future weather conditions will determine the extent of the spread and possible damage from rust. Harvesting of fall rye is now under way over the southern portion of the Prairies. Damage from grasshoppers continues in south-eastern and central Saskatchewan, and in some districts crops have been cut for feed to avoid total loss. Light hail damage occurred at several points in central Manitoba and south-western Saskatchewan, while heavy damage was experienced in central Alberta. Losses of horses from encephalomyelitis have been reported in western Manitoba and eastern Saskatchewan.

Moderate relief to the drought-stricken areas of British Columbia, including Vancouver Island and the lower mainland, was brought by showers during the first week of July. The Okanagan, Kootenay and interior sections of the province received heavier rains. Pastures, grain crops and late root and potato crops have improved considerably. The hay crop was poor, and spring grain yields will be light. Harvesting of medium winter rye and winter wheat crops is now under way.



## Maritime Provinces

The Maritime Provinces in general have experienced frequent, heavy showers during the past two weeks. Haying has been delayed, and both timothy and clover are getting past their prime on the Island and in several counties of Nova Scotia. Warm, dry weather in the immediate future, however, would help in harvesting a hay crop almost up to last year's bumper yields. Grain crops have been helped by the rains and are in excellent condition. Root, potato and vegetable crops have grown rapidly, but their cultivation has been retarded, and they are in need of hoeing and thinning. Apples are sizing well in Nova Scotia and are relatively free of apple scab and insect pests. Small fruits are in good condition. Apples will be a lighter crop in New Brunswick.

## Quebec and Ontario

The drought danger in Quebec has been removed by frequent rains during the past fortnight. Hay yields and quality were improved by the rains, although harvesting has been somewhat delayed. Grain crops are coming along rapidly and pastures have improved. Strawberries are finished, with yields lighter than last year's. Other small fruits are promising heavy yields and apples are likely to be a normal crop. Grasshoppers have caused some local damage and there has been a serious increase in the number of army worms over a wide area. In Ontario, harvesting of fall wheat is under way, and cutting of barley and early oats is just beginning in the western part of the province. Fall wheat yields are being reported above average. Spring grains are also promising above average yields except in some of the central counties. Further rains are needed for pastures in central and western Ontario. Army worms are causing severe damage in a number of local areas.

## Prairie Provinces

Stem rust on susceptible varieties of wheat in central and southern Manitoba will lower average yields. Except for odd showers, little relief was afforded to crops in southern Manitoba last week. Feed grain yields will be light. Cutting of fall rye will be general this week and a few fields of oats and barley will be harvested. Conditions in the west-central portion of the province are more satisfactory and yields may approach average. Prospects on the whole are good in north-western Manitoba. Considerable sleeping sickness among horses has been reported in the west-central and north-western districts.

While crops in Saskatchewan have continued to make progress, more rain is needed to ensure proper filling. Considerable variation in crop prospects is now more apparent after a week of warm and dry weather. Severe grasshopper damage has occurred in extreme south-east Saskatchewan. Drought conditions still prevail in north-central Saskatchewan and rains are necessary to provide feed. The outturn of commercial grain from this area will be very small. Stem rust is prevalent east of a line through Assiniboia, Saskatoon and Prince Albert, but the possible damage depends upon future weather conditions. Pastures require rain at many points. Serious losses of horses are occurring through the outbreak of encephalomyelitis. Slight hail damage was reported at several points in south-western Saskatchewan.

Some decline in crop prospects in Alberta was experienced after a week of very warm weather and scanty precipitation. In extreme south-western Alberta crops are very promising, but in the south-western section rain is badly needed to aid filling. Harvesting of fall rye is under way with a very good outturn. The hay crop has been yielding well. Prospects in the southern portion of central Alberta continue favourable but rain is needed to maintain the crop through the filling stage. Precipitation in the northern portion of central Alberta has been light and crops are deteriorating. Crop conditions are slightly improved in northern Alberta, but the outturn will be considerably below average. A severe hail storm swept over a strip seventy miles long and five miles wide from west of Innisfail south-east to Drumheller.

## British Columbia

Ample rains fell during the first week in July in the Okanagan, Kootenay and interior districts of the province, while showers on Vancouver Island and the lower mainland districts brought some relief to the latter areas which had been affected by abnormal drought. Except in the interior districts the hay crop has been light, and there will be very little second crop hay. Spring grains are short, and heads are not filling well. Yields of spring grains will be considerably below normal. The early July rains helped pastures, and root and potato crops. Harvesting of winter rye and winter wheat has commenced. The latter crops were not as badly affected by the drought as was the case with spring crops.

## Precipitation and Temperatures in the Prairie Provinces

Top Districts	Stations	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending July 18	
		8 a.m. July 18	since April 1	since April 1	Actual	Normal
Manitoba						
1	Pierson	.08	4.23	7.06	69	66
2	Boissevain	.28	5.59	7.07	67	67
	Ninette	.08	4.52	7.69	69	67
	Pilot Mound	.22	4.00	8.30	68	67
3	Emerson	.07	5.72	7.01	67	67
	Morden	.26	7.47	7.80	70	67
	Graysville	.06	6.68	8.09	67	67
	Morris	.32	4.34	7.43	70	67
	Portage la Prairie	.10	4.69	7.42	70	65
4	Winnipeg	.10	5.78	8.35	68	68
6	Sprague	.04	7.95	8.22	66	66
	Pinawa	.18	3.70	6.01	66	65
7	Virden	.14	4.79	6.54	69	64
8	Brandon	.12	5.11	7.47	67	65
	Cypress River	.18	7.93	7.34	68	66
9	Minnedosa	nil	3.58	7.36	67	65
10	Russell	trace	7.46	7.06	66	64
	Birtle	no report	5.00	7.33	no report	64
11	Dauphin	.02	5.67	6.29	69	64
13	Swan River	.02	8.70	7.36	68	63
	The Pas	.32	5.07	5.58	65	65
Manitoba Average		.13	5.62	7.28	68	66
Saskatchewan						
1	Broadview	.24	8.12	6.67	65	64
	Moosomin	.12	6.28	6.38	68	63
	Carlyle	.02	6.59	7.60	63	64
	Estevan	.48	6.49	7.09	68	65
2	Moose Jaw	.06	6.51	7.05	70	67
	Regina	trace	6.14	7.06	66	64
	Qu'Appelle	.02	6.31	8.30	65	66
	Indian Head	.10	4.52	8.08	67	64
	Yellow Grass	.22	7.71	6.97	66	65
	Midale	.42	6.09	7.67	68	65
3	Assiniboia	.04	9.87	6.06	69	66
	Chaplin	.04	4.52	7.38	69	65
	Swift Current	.06	5.00	7.09	70	66
	Aneroid	.18	7.96	7.21	69	64
	Hughton	.10	5.25	6.41	73	64
	Pennant	nil	4.51	7.42	70	65
	Val Maria	.46	7.14	6.67	69	67
	Shaunavon	.58	5.30	6.07	70	64
4	Maple Creek	.74	7.47	6.84	71	65
	Roadene	.36	7.38	6.42	66	64
	Consul	.04	6.82	5.79	67	62
5	Kamsack	nil	8.39	6.17	63	64
	Yorkton	trace	9.89	6.87	67	62
	Hubbard	.08	8.01	6.74	62	62
	Lintlaw	.02	8.33	6.89	62	62
6	Rosthern	.01	3.05	6.25	67	63
	Saskatoon	.24	5.03	6.13	67	64
	Davidson	.40	9.59	5.78	70	65
	Dundurn	trace	4.68	7.06	66	64
	Strasbourg	.06	4.85	6.59	68	63
	Elbow	.14	5.37	5.87	68	65
	Outlook	.40	5.22	4.58	67	64
7	Macklin	nil	5.92	6.66	65	61
	Alsask	.62	7.24	6.07	68	63
	Scott	no report	5.00	5.96	no report	62
	Biggar	.42	7.52	6.68	67	63
	Kindersley	.64	8.01	5.54	66	63



Precipitation and Temperatures in the Prairie Provinces\* (Concluded)

Crop Districts	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending July 18	
		8 a.m. July 18	since April 1	since April 1	Actual	Normal
Saskatchewan (Concluded)						
8	Melfort	.02	7.62	6.37	63	64
	Dana	nil	3.79	8.91	66	63
	Humboldt	nil	6.03	5.64	63	64
	Naicam	nil	7.43	6.97	64	64
9	Rabbit Lake	.14	3.65	6.53	60	62
	Waseca	.10	3.76	6.40	63	61
	Battleford	.22	3.94	6.40	66	66
	Prince Albert	nil	3.57	6.45	66	65
Saskatchewan Average		.18	6.26	6.66	67	64
Alberta						
1	Medicine Hat	.15	5.35	5.92	70	69
	Foremost	nil	6.78	7.93	71	62
	Manyberries	trace	5.15	6.03	71	62
2	Macleod	.18	8.16	6.66	no report	65
	Lethbridge	nil	5.81	6.87	69	65
	Cardston	.12	9.34	10.04	67	64
3	Brooks	trace	5.04	5.63	69	63
	Empress	nil	1.88	6.36	71	64
	Vauxhall	.36	6.66	5.50	68	65
4	High River	nil	6.91	8.14	66	62
5	Drumheller	1.27	7.65	7.15	70	62
	Hanna	.86	8.67	7.83	no report	60
	Naco	.60	6.41	6.80	66	59
6	Olds	.04	6.99	7.29	65	61
	Three Hills	.16	7.58	6.60	64	61
	Strathmore	trace	7.96	6.90	68	62
	Gleichen	nil	3.24	6.34	68	63
	Calgary	.04	9.46	7.80	65	62
7	Coronation	.34	6.37	5.75	64	60
	Hughenden	.20	7.66	6.35	64	60
	Sedgewick	.34	7.73	6.51	63	60
	Viking	.30	6.53	6.04	61	60
8	Wetaskiwin	.60	5.85	7.23	64	61
	Lacombe	no report	7.84	7.77	no report	60
	Alix	.16	8.36	7.03	67	60
	Red Deer	.34	8.87	9.04	66	60
	Stettler	.06	7.77	7.97	66	60
10	Vegreville	.38	6.21	8.05	62	60
	Vermilion	.38	7.53	7.61	62	61
	Lloydminster	.11	5.60	5.92	61	61
11	Edmonton	.90	8.88	7.53	63	62
	Calmar	.44	4.37	8.01	62	61
12	Edson	.56	8.41	7.11	62	58
	Jasper	.18	5.73	3.72	62	59
13	Glendon	.20	3.62	6.49	60	62
14	Athabasca	trace	1.95	6.67	60	61
	Campsie	.16	5.38	7.51	60	60
15	High Prairie	.06	2.86	6.62	63	59
	Kinuso	.26	3.06	6.46	62	60
16	Fairview	.02	1.28	4.77	62	62
	Beaverlodge	.04	2.88	5.44	62	58
17	Keg River	.40	2.79	-	61	61
	Fort Vermilion	.52	5.33	4.72	62	62
	Fort McMurray	.02	4.43	5.77	64	63
	Fort Smith	.08	4.28	3.90	62	60
Alberta Average		.25	6.01	6.72	65	61

\* Source: Meteorological Service of Canada.

REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Weeds are being cleared out of crops by beet webworms at many points in central and western Manitoba but they have done severe damage to many garden crops. Army worms are beginning to attack crops near Brandon. Maturing grasshoppers are causing some anxiety although damage has been comparatively light thus far.

Saskatoon, Saskatchewan

Grasshoppers moving from unpoisoned summerfallow causing much defoliation generally and forcing considerable cutting of crop for feed in some districts. Heavy flights beginning in south-east. Grasshoppers, webworms and other pests doing heavy damage in gardens.

Lethbridge, Alberta

Says grain bug abundant south and east of Lethbridge with some losses to field margins at Turin and Chin. Beet webworm abundant in extreme south causing severe loss of gardens with slight damage to wheat.

HAIL DAMAGE

MANITOBA (North West Adjustment & Inspection Company, Ltd., Regina)

Light hail Portage la Prairie, Poplar Point, Cypress River, Fannystelle, Carman, Goodlands, Strathclair, St. Eustache, Blackdale, Inkster, Hazelridge, Plum Coulee, Brunkild, Beausejour, Oakville, Darlingford.

SASKATCHEWAN (The Saskatchewan Municipal Hail Insurance Association, Regina)

Claims being received for storm of seventeenth in vicinities of Aneroid, Lafleche, Verwood and Harptree. Extent of damage not known but do not believe it is very extensive.

ALBERTA (The Alberta Hail Insurance Board, Calgary)

Scattered storms in various parts of the province during the week. Severe storm seventy miles long and five miles wide from Caroline west of Innisfail south-east to Drumheller.

REPORTS OF CORRESPONDENTS

PRINCE EDWARD ISLAND

Charlottetown, Supervisor of Illustration Stations

Frequent heavy showers past fortnight have aided root crops, thickened hay, helped pastures. Hoeing and haying handicapped. Hay cutting general. Clover past prime, timothy rusting. Grain and clover seedings excellent. Honey flow much below normal. Cranberries full bloom. Large crop blueberries assured.

NOVA SCOTIA

Halifax, Provincial Department of Agriculture

Favourable growing conditions have continued. All crops including pastures good. Hay crop down along Gulf Shore areas of Pictou, Colchester and Cumberland counties but provincial yield promises eighty-five per cent of last year's bumper crop. Haying weather thus far patchy with considerable damage in Yarmouth county. Farmers having difficulty in keeping down weeds in hoed crops. General conditions probably at maximum in history of province.

Annapolis Royal, Dominion Entomological Laboratory

Continued wet weather delaying all farm operations particularly haying. Field and garden crops have made exceptional growth. Considerable number army worm adults captured in light traps, though about half the number in the same traps as in the preceding year but much larger than normal, indicating that some outbreaks of this insect may occur. The sixth seasonal spray has been completed in most commercial orchards and for the most part insect outbreaks are kept well under control.



NOVA SCOTIA (Concluded)

Kentville, Dominion Experimental Station

Weather has been dark with one and one-half inches of rain during the past week, hampering cultivation, hoeing and haying. Grain crops continue good; also roots and potatoes are in excellent condition. Apples are sizing well and for the most part are reasonably free from apple scab.

Nappan, Dominion Experimental Farm

Unfavourable weather has prevailed since last report. July third to sixteenth eight rainy days, one point five inches of rainfall. This has retarded proper cultivation, thinning and hoeing of crops, also cutting of clover. Latter on the decline now. Growth of hay, grain and roots fairly satisfactory but too cold and wet for corn. Pastures excellent but fine warm weather badly needed.

NEW BRUNSWICK

Fredericton, Provincial Department of Agriculture

Crop prospects good. Grain heading but haying slow on account of cloudy weather and rain.

Fredericton, Dominion Experimental Station

Rain fell ten days July, total two point seven three inches. Hay heavy crop. Clover badly lodged. Timothy standing, past bloom. Dry weather needed for hay making. Practically none stored. Pasture good. Grain heading, vigorous, no lodging. Root, potato, oat, vegetable crops growing rapidly. Apples light crop.

QUEBEC

Quebec, Provincial Department of Agriculture

Rains during the past fortnight have retarded haying in all districts but have improved the quality of the hay and the condition of all crops. Grain crops are showing good growth and ripening rapidly. Pastures generally and especially fertilized pastures are maintaining a satisfactory condition and milk production is good for this time of year. The strawberry crop which is now over was only fifty per cent of last year's. A heavy raspberry crop is in prospect and a normal apple crop.

Quebec, Dominion Entomological Laboratory

The last fifteen days have been marked by serious infestations of grasshoppers and army worms principally north of the St. Lawrence. Thanks to immediate measures, and the help of the Department of Agriculture, the grasshoppers have caused little damage and are now under control. The danger from army worms is much greater because they are attacking a vast area and a variety of plants. The entire agronomic corps has been advised in order to meet the situation. The year nineteen thirty-eight will probably be the most memorable from the standpoint of insect pests since the terrible infestations of nineteen thirteen and nineteen fourteen.

Ste. Anne de la Pocatiere, Dominion Experimental Station

First fifteen days July very rainy. Four point nine six inches precipitation registered. Very little sunshine delaying starting of hay harvesting in district. Pastures good. Potatoes growing fine. Cereal and root crops greatly benefited by rain. Good crop of cherries. Strawberry crop finished fine, but not as good as last year.

Normandin, Dominion Experimental Station

Weather has been rather cool, showery to rain last fifteen days. However, hardly enough rain has fallen to benefit pastures and hay in the northern part of the district, but more rain has occurred in the southern part. Hay cutting started. Yield medium. Grain, sun flowers, potatoes good crops. Army worms and cutworms have appeared, causing damage to grain and clover. Poison bait being applied.

QUEBEC (Concluded)

Cap Rouge, Dominion Experimental Station

Hay crops retarded by frequent rains, yield less than last year. Cereal crops have improved and prospects are good. Root crops are making good growth. Corn retarded by night frosts. Raspberry crop heavy. Vegetables are growing well. Little damage from insects.

Lennoxville, Dominion Experimental Station

Haying progressing very slowly owing to wet weather. Seven inches of rain since June twenty-fifth. All crops growing well. Pastures are excellent.

Farnham, Dominion Experimental Station

Pastures good. Sixty per cent hay cut, abundant, high quality. Oats and corn good. Truck crops good. Plenty of soil moisture. Bad storm on fourteenth affecting grain and corn. Tobacco good.

ONTARIO

Toronto, Provincial Department of Agriculture

Fall wheat cutting now proceeding with above average yields reported. A few fields of barley and early oats have been cut in western Ontario. Spring grains promise good yields in most counties. Army worms causing severe localized destruction in a number of widely separated areas. Total grain production in Ontario will be above average. Late crops generally satisfactory but heavy rains needed for pastures in central and western Ontario.

Vineland, Dominion Entomological Laboratory

Oriental fruit moth at low level in Niagara fruit belt. Parasite situation in the more heavily infested western Ontario peach orchards decidedly encouraging. Codling moth about normal.

Chatham, Dominion Entomological Laboratory.

Grain cutting general and crop good. Some damage by grain rust. Army worms destroying oat fields in isolated cases, but not abundant enough in this particular region for widespread injury to occur.

Harrow, Dominion Experimental Station

Practically all crops in district are very good. Wheat harvest practically completed and oat harvest commenced late. Tomato crop excellent and corn good. Tobacco crop uneven in many fields due to root rot, but crop on whole is good. Topping and harvesting just starting in flue-cured tobacco areas.

Kapuskasing, Dominion Experimental Station

Crops in northern Ontario especially the Cochrane district are suffering from excessive moisture as land is simply flooded. Three point eight two inches of rain since the first, and three point three three of this fell the last week. A terrific epidemic of army worms makes a serious situation and cannot be coped with. Hay is good if weather improves so it can be saved. Grain and all other crops are suffering from excessive moisture.

Kapuskasing, Supervisor of Illustration Stations.

In Abitibi district considerable damage caused by army worms. Immediate attention is being given for their control. Haying operations commenced last week. Yield of hay expected good. Grain crops improved much since last rains.



MANITOBA

Winnipeg, Provincial Department of Agriculture

Scattered light showers but considerable dry weather. Northern Manitoba and inter-lake area have much excellent crop while in some parts of south-central Manitoba there will be many light yields. Barley cutting should begin in earliest places next week.

Winnipeg, Dominion Rust Research Laboratory

Stem rust by July sixteenth prevalent in Manitoba varying on susceptible wheats south of Riding Mountains from average of ten per cent infection on all stems in lighter stands to average of thirty-five per cent infection on all stems in heavier stands. Infections appearing generally too on necks or head stems. North of Mountains infection somewhat lighter but crops later. Prevalent also on same dates throughout south-eastern Saskatchewan, averaging twenty per cent on all stems of susceptible wheat with infection just breaking out on head stems. Traces reported west of Swift Current and Battleford.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Crop filling satisfactorily. Some barley will be cut end of week. Rust epidemic severe on susceptible varieties. Barley badly rusted. Some rust on oats. Leaf stem clean. Moisture condition good. Haying delayed on account of rain. Sweet clover mostly cut and crop heavy.

SOUTH-WEST

Melita, Telegraphic Correspondent

Crops deteriorated considerably during the past week owing to warm dry weather. Rye cutting will be general this week. Few fields of oats and barley will also be cut. Rust damage to nonresistant wheat very little. Sickness amongst horses.

CENTRE

Portage la Prairie, Agricultural Representative

Ideal weather past week. Plenty moisture. Crops progressing rapidly. Cutting early barley will commence latter part of week. Webworm reported frequently but damage confined to gardens. About forty sick horses with five deaths reported.

WEST-CENTRE

Brandon, District Experiment Sub-station Supervisor

Weather dry and hastening crops to maturity. Grain on summerfallow filling well and giving promise of normal yields. Other crops need more rain. Durum wheats showing considerable rust. The acreage of susceptible common wheats in this territory is quite small.

Woodnorth, Telegraphic Correspondent

Weather during past week has been cool and grain crops are making satisfactory progress. Cutting of fields of early sown wheat will commence last week of July. Considerable rust but earlier grains may escape damage. Grasshoppers numerous but damage slight.

NORTH-CENTRE

Teulon, Agricultural Representative

Dry cool weather July 12 to July 18 ideal for crop. Heavy rain July 18 more harmful than beneficial but crop prospects continue good. No hail damage. Army worms reported today. Potato beetles troublesome. Pasture good. Live stock doing well. Few cases of encephalomyelitis but no general epidemic yet.



MANITOBA (Concluded)

NORTH-WEST

Minnedosa, Telegraphic Correspondent

No rain since July 13. Summerfallow crops fair if rain comes immediately. Late crops all poor. All grain burned badly this week. Some rust on non rust-resistant grain. Hay and pasture poor. Flies bad. Some cases of encephalomyelitis reported.

Kelwood, Telegraphic Correspondent

Summerfallow crops good. All others fair to quite poor. Plenty of weeds and especially wind oats and considerable volunteer clover on second crop. Rust serious on susceptible varieties. Consensus of opinion crop on whole not equal to last year, perhaps twenty per cent below. Raining today.

Dauphin, Agricultural Representative

Crop filled well past week with moderately cool weather. Stem rust showing on nonresistant varieties. Leaf rust on all varieties. Tame hays cut. Heavy yields but inferior quality due to unsettled weather. Gardens and potatoes good. General prospects better than average.

Russell, Telegraphic Correspondent

Lack of precipitation for the past ten days appears to be retarding the progress of coarse grains and garden crops. Otherwise there has been no set back to the progress of the field crops.

Swan River, Telegraphic Correspondent

Crops are all well advanced and looking fine. Will be better than average. Very slight grasshopper damage, not serious. Gardens looking fine but some damage by beet worms. Pastures good and stock in good condition. Considerable sickness among horses.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Reports received over the week-end now reveal somewhat greater variation in crop prospects in various parts of the province. Good rains fell at many points at the beginning of the month and growth was stimulated. The past week, however, has been mostly dry and several points in the better crop areas express the need of more rain to prevent deterioration and supply the necessary moisture for the proper filling of the crop. In south-eastern Saskatchewan crops vary from poor to fair in the southern and central areas where some severe grasshopper injury has occurred. Conditions improve towards the north where crops are more uniformly good. Prospects continue favourable in most parts of the Regina-Weyburn district although several points need rain very shortly. In south-central and south-western Saskatchewan conditions vary considerably, crops being reported good in the eastern and most of the southern areas but needing rain badly to check serious deterioration which is lessening prospects materially on the light land in the area between the C.P.R. main line and the south Saskatchewan river from about Chaplin west. In this area crops are very patchy. Conditions have improved with recent rains in east-central Saskatchewan and present prospects are for a good crop. Some fields in central Saskatchewan are in need of more moisture but so far crops have not suffered to any serious extent except in the area north of Saskatoon where crops continue patchy and generally poor due to prolonged drought and some severe grasshopper injury. West-central areas require rain particularly on the light land. Growth has been only fair at most points and crop prospects vary quite widely ranging from good on heavy land where recent showers have fallen to generally only fair elsewhere. Except for a good rain at Prince Albert very little relief has come to the drought-affected areas of north-central Saskatchewan. In the area from Birch Hills westward almost to North Battleford and south to about Rosthern prospects generally are extremely poor and many fields in this area will not produce commercial crops. Immediate rains are urgently required to avert a fodder shortage. Crops improve eastward and westward of this area and some fair to good crops are in prospect. Taking the province as a whole about ninety per cent of the wheat is in head. Traces of rust have been reported at scattered points in eastern Saskatchewan but its development and possible damage can only be decided by future weather conditions. Pastures require rain at many points but live stock are in fairly good condition except for the serious and widespread outbreak of encephalomyelitis among horses.



SASKATCHEWAN (Continued)

Saskatoon, Dominion Laboratory of Plant Pathology

Stem rust appeared in the Indian Head district on June twenty-first and at Saskatoon on July seventh. Since then reports and specimens indicate that the stem rust of wheat is prevalent east of a line through Assiniboia, Saskatoon and Prince Albert. Secondary infections of it are present in many districts and probably some damage will result in many north-central districts. Drought will reduce yields. Common rootrot is present in about the usual amount. Browning rootrot has not appeared in very serious proportions this season. Take-all has not yet been reported.

SOUTH-EAST

Yellowgrass, Telegraphic Correspondent

All grain crops looking good. Some wheat heads well filled. About twenty days till harvest. Pastures good. Hay crops poor. Grasshoppers starting to fly. Have done little damage here so far. Moisture to date seven point six four inches. Red rust starting to show on stem but very light.

Indian Head, Dominion Experimental Farm

Crops doing very well but rain required in some districts. Cool weather required to check stem rust. Hoppers doing considerable damage to crop in Arcola, Tyvan, Francis areas. Pastures dry and require rain. Encephalomyelitis causing heavy loss among horses throughout district. Rainfall April first to July seventeenth four point five three inches.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Point naught four inch rain, high temperatures past week. Rain urgently needed. Wheat fully headed, mostly blossom stage. Coarse grain shot blade to headed. Grasshoppers numerous in places but no damage yet. Summerfallowing seventy-five per cent completed. Pastures drying. Live stock satisfactory. Heavy rain south of Swift Current territory last night.

WEST-CENTRE

Rosetown, Telegraphic Correspondent

Dry warm weather during week has helped crops on heavy land and there is not much danger of serious rust damage though odd stem has traces of red rust. Crops on light land need rain and warm weather to hasten maturity. Grasshoppers are still numerous and poisoning is being discontinued by farmers in most places as hoppers are flying. Crop conditions good over most of the district. Moisture this week point four inch. Total since April first six point one inches.

Scott, Dominion Experimental Station

Practically all wheat headed with many spots showing evidence of drought during past week but effective showers July seventeenth have temporarily relieved the situation in west-central Saskatchewan. Poorest crops are found in northern Saskatchewan but feed supply seems assured in all areas. Grasshoppers damaging crops in scattered areas.

Senlac, Telegraphic Correspondent

Condition generally favourable with point six inch rain over week-end. Wheat mostly headed and average twenty-eight inches with present outlook good for twenty bushels average. Early oats headed out and promising. Hay crop fair but somewhat damaged by hoppers. Gardens good.

NORTH-EAST

Melfort, Dominion Experimental Station

Crops have made wonderful progress since rain July fourth. No rain during past week but reasonably good crops assured. High winds have caused considerable summer-fallow to drift after heavy run-off. Crops twenty miles west very poor as they did not get rain July fourth.



SASKATCHEWAN (Concluded)

NORTH-CENTRE

Rosthern, Dominion Experimental Station

Weather hot, dry, bright, windy. Crop prospects poor. Stubble nil except for feed. Summerfallow crops possibly five bushels per acre. Grasshoppers damaging coarse grains which are in fair condition and promise feed. Farmers mowing stubble crops for feed. Summerfallowing completed. No rust. Rain urgently required.

ALBERTA

SOUTH-EAST

Manyberries, Dominion Range Experiment Station

A week of extreme heat has materially reduced crop prospects in many areas. Rain is badly needed to fill wheat. Some crops are burning. Rye harvest is under way with crops turning out very well. Haying has commenced with excellent stands being cut. Range conditions very good.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Crop prospects generally from Calgary to Cardston and west to Magrath may be classed excellent but east of these areas to Saskatchewan border rain badly needed. On irrigated lands unusually heavy crop alfalfa being stacked. The sugar beet crop is very promising with no serious insect damage to date.

Cardston, Telegraphic Correspondent

Two inches of rainfall last three weeks. Sufficient moisture to finish excellent crop except a few areas which will need a few showers to finish filling. All grains ninety per cent headed and fall wheat and rye fully headed and filling well. Good hay crop being harvested with excellent pasture. All stock in good condition.

Claresholm, Telegraphic Correspondent

Extreme heat and dry weather of past week causing crop to mature rapidly. Rain needed immediately to ensure good yield.

CENTRE

Stettler, Telegraphic Correspondent

Point naught six rainfall since last report. Very favourable. No damage. Hay crops good. Pastures good. General conditions excellent.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Good showers over southern part this area yesterday. Some hail but damage negligible. Northern and eastern areas not suffering but good rain now would materially increase yields. Practically no damage any kind reported.

Olds, Telegraphic Correspondent

About thirty per cent of Olds district hailed out on 17th. Rest of crop doing well.

Lacombe, Dominion Experimental Station

With only two inches precipitation in May, one point five in June and one point six to July eighteenth, or only five inches since May first and only nine inches since October first there are no moisture reserves. All crops urgently need rain. All but summerfallow crops are deteriorating and a few hot days would cause serious damage. Hail has been severe in several districts but over small areas.

ALBERTA (Concluded)

WEST-CENTRE (Concluded)

Edmonton, Telegraphic Correspondent

Good growth during past week. One good shower rain. No hail damage this week. Wheat all headed. Prospects look very good.

NORTH-EAST

Vermilion, Telegraphic Correspondent

A few very light showers have helped the crops but a rain would be welcome for pastures are getting dry again. A fair crop is in prospect while conditions remain favourable.

NORTH-WEST

Beaverlodge, Dominion Experimental Sub-station

Most points report improved prospects due to recent showers but crops will be short. More rain needed for filling.

BRITISH COLUMBIA

Victoria, Provincial Department of Agriculture

During the first week in July good rains were received in the Okanagan, Kootenay and interior sections of the province, with beneficial showers on Vancouver Island, and Lower Mainland districts. During the past week the weather has been generally fine with high temperatures. The rains came too late to help the hay crop, but pastures, grain crops and late crops of roots and potatoes show considerable improvement. Harvesting of the nineteen thirty-eight crop has commenced with the cutting of winter rye, and some of the early fields in winter wheat. Yields of spring grains will be considerably below normal.

Victoria, Dominion Entomological Laboratory

Weather remains hot and dry. Longest dry period for many years in this district. Small fruits and field crops suffering from drought conditions. Fall wheat ready to cut. Spring sown grain short and heads not filling well. No serious insect injury reported.

Agassiz, Dominion Experimental Farm

Dry weather experienced in June has continued in July with slightly over inch precipitation this month. Light crop hay saved in excellent condition. All crops require rain now especially pastures, oats and roots. There will be practically no second crop hay. Flies troublesome to live stock.

Summerland, Dominion Experimental Farm

Apricot harvest in full swing. Crop excellent quality. All fruit sizing well. Cantaloupes beginning to move. Tomatoes moving in volume. Second crop alfalfa being harvested under ideal conditions. Weather very hot and dry.

Windermere, Dominion Experimental Station

Hot weather during the past ten days has matured crops rapidly. Hay crops above average and prospects good for second crop. Grains have headed nicely and promise well. Potatoes in full bloom and gardens are at their best. Edgewater district reports considerable damage from beet webworm.

LATE REPORT

ALBERTA - EAST-CENTRE

Hanna, Telegraphic Correspondent

One-half inch rain during week. No hail. Grain nearly all in head. Ample moisture over entire district to fill.



LATE REPORTS (Concluded)

SASKATCHEWAN, SOUTH-EAST

Service, Telegraphic Correspondent

South part of district will produce little grain account of hoppers. Moisture fair. North of Manor conditions improve. Prospects for fair crop wheat. Hoppers cutting oats and barley. Moisture fair to good. Marquis wheat badly rusted. Reward and Thatcher filling well. If hoppers fly in from south will have little crop.



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