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

C.R. No. 8  
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Dominion Stat  
Statistician:  
Statistician:

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### TELEGRAPHIC CROP REPORT

Ottawa, July 3, 1940, 3 p.m.- The Dominion Bureau of Statistics issues today the third of a series of 7 telegraphic reports covering crop conditions throughout Canada. Included in this report is the sixth of a series of 15 weekly telegraphic reports on crop conditions in the Prairie Provinces. One hundred 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

Cool, wet weather across eastern Canada during the past two weeks has retarded crop progress. While conditions are favourable in Prince Edward Island, it was impossible to complete seeding in some instances in Nova Scotia and New Brunswick, and growth of crops in the past fortnight, has not been as rapid as during the first half of June. Prospects remain favourable, however, and a period of warm, dry weather would improve the outlook considerably. Quebec and Ontario crops have also suffered from the continued cool and wet weather. While hay crops were heavy, they have been difficult to cure. Fall wheat in Ontario is in very good condition, however. During the past week, rainfall was satisfactory over most of Manitoba, in northern Saskatchewan and in northern Alberta. Only light showers were received in southern and central sections of Saskatchewan and in southern Alberta. On the whole, crop prospects have been fairly well maintained, although considerable variability is evident in south-central and central Saskatchewan districts which are suffering from lack of sufficient moisture to carry the crop as it reaches the heading stage. Grasshopper damage has been minimized by active control campaigns, and losses during the week were comparatively light. British Columbia conditions continue favourable, although soil moisture reserves have been depleted, and rains are now needed to maintain prospects.

While favourable crop conditions continue in Prince Edward Island, crops in Nova Scotia and particularly in New Brunswick have made slow progress as a result of cool, wet weather and lack of sufficient sunshine during the past fortnight. Hay crops and pastures remain in above-average condition, although they have not continued to advance as favourably as during the first half of June. Cereals are promising on the light soils and well-drained fields, but lack vitality on the wetter, heavy soils. It has been impossible in some cases to complete seeding. Potatoes and fruits are mostly in promising condition.

Quebec and Ontario crops were retarded during the latter half of June by excessively cool and rainy weather. Yellowing of spring grains is occurring, and warm, bright weather is needed to restore their condition. Hay and alfalfa yields are heavy, although these crops are hard to cure under existing conditions, and their quality is adversely affected. Tree fruits are average in Quebec although conditions in the Niagara district of Ontario are somewhat below normal. Fall wheat in Ontario is expected to show a heavy yield.

Cool weather over the Prairies during the past week favoured crop development but precipitation varied considerably. Manitoba received well distributed local showers, while parts of central and northern Saskatchewan reported good rains. Only light scattered showers occurred in southern Alberta but in northern and eastern Alberta moderate to heavy rains improved crop conditions. About thirty per cent of the wheat is headed in Manitoba and heading is well started in Saskatchewan. Some premature heading has occurred in the Regina-Weyburn and central districts of Saskatchewan. Early wheat in Alberta has commenced to head. Grasshopper damage has been heavy in local areas in south-western Saskatchewan. Hail was reported in western Saskatchewan but little damage occurred. Generous rains are needed over many areas of southern and central Saskatchewan and in southern Alberta to maintain crop prospects. Live stock are generally doing well and pastures have benefited from the cool and showery weather.

In British Columbia, high winds and lack of current rainfall have drawn heavily on soil moisture supplies, although immediate rains would ensure a heavy yield of the cereal crops. Harvesting of a good hay crop is nearing completion. Tree and small fruits are in somewhat varied condition, although vegetable crops are very good.



### Maritime Provinces

Crop conditions in the Maritime Provinces during the past fortnight have varied from normal in Prince Edward Island to backward in New Brunswick. In Prince Edward Island, cereals and potatoes as well as hay and pastures are in very promising condition. Tree fruits are somewhat below average, although small fruits are very promising. In Nova Scotia, hay and pastures continue in above-average condition, while cereals are more variable. Because of wet soil conditions, a portion of the area in Nova Scotia has not been seeded, and will lie fallow. Potatoes vary from good on the light soils to uneven on the heavy soils. Apples and other tree fruits are generally in promising condition. Strawberries are late but promise an above-average crop. In New Brunswick, a continuation of cold and wet weather has retarded growth generally. A considerable grain area which remains unsown will probably lie fallow. A normal acreage of potatoes has been sown in the commercial areas, but elsewhere potato and root crops were not fully sown. Growth of hay and pastures was retarded during the past fortnight in the absence of fine, warm weather.

### Quebec and Ontario

Excessively rainy and cool weather during the past two weeks has retarded crop growth generally in Quebec and Ontario. While the hay crops in both provinces are abundant, the moisture content is high and curing is difficult for want of warm, bright days. Yellowing of spring grains in both provinces is occurring because of excessive moisture and insufficient sunshine, although the fall wheat crop in Ontario still promises a heavy yield. In the Niagara Peninsula the tree fruits are generally below average. Apples and peaches are slightly below normal, while cherries, pears and plums are reported as considerably below average. In northern Ontario and Quebec districts, lack of sunshine has retarded hay and pasture growth as well as the planting of grain crops.

### Prairie Provinces

Well distributed local showers and continued cool weather during the past week were favourable to development of cereal crops in Manitoba. About thirty per cent of the wheat is headed. Crop stands are heavy in the Red River valley, about average in central Manitoba and light in the northern section of the province where moisture supplies have been more limited. Grasshoppers are active in the southern and central districts of the province but an active control campaign is minimizing the loss. The stands of oats and barley in the central and northern sections are uneven due to poor germination. In the northern part of the province hay and clover crops are a very poor stand and yields will be very light. Warmer weather is needed for the development of the corn crop in southern Manitoba.

Considerable variation in crop conditions continued in Saskatchewan. During the greater part of last week the weather was cool and showery with precipitation varying from light showers to heavy rains. Rainfall was heaviest in northern districts and in parts of central Saskatchewan, while moderate showers were received in the west-central section and in the south-east. At some points in the Regina-Weyburn and central districts rain is urgently needed as crops are burning badly. In south-eastern, south-western, west-central and over most of northern Saskatchewan crop prospects have been fairly well maintained but in the Regina-Weyburn and south-central districts deterioration has taken place and wheat is being forced into head prematurely. With the exception of the south-western area where heavy damage has already occurred, the grasshopper outbreak is scattered and damage patchy. Hail storms were reported in the west-central and south-western districts but the damage was slight. Frequent and ample supplies of moisture will be required during the next two weeks to maintain present crop prospects.

With only light scattered showers in southern Alberta during the past week, moisture conditions are becoming less favourable. Good rains are needed to replenish moisture reserves and to support the rapid crop growth. In the northern and central districts moderate to heavy rains were general and the crop outlook continues to be very favourable. In the north-east recent heavy rains have considerably improved moisture conditions and crop prospects in this region are now much more encouraging. In the Peace River district moderate rains of the past week maintained the favourable outlook but a general soaking rain is still desired. In the south wheat is well into the shot blade stage and in some sections early wheat is reported to be heading out. In the north crops are somewhat late and early wheat is entering the shot blade. Serious damage from grasshoppers remains confined to the south-east district with some slight injury around Lethbridge. A serious outbreak of wheat stem sawfly is reported in the region from Stettler south to the border. Haying is well under way in the south with fair to good yields. Pastures are generally in fair to good condition although drying fast in the southern districts.

### British Columbia

The weather continued fine and warm throughout June. During the past fortnight high winds caused heavy evaporation of soil moisture, and rains are now needed to maintain growing crops. Cutting of hay and alfalfa is nearing completion, and yields of both crops are quite heavy. Both fall and spring sown grains promise excellent yields, although immediate rains will be needed to fill them out. Tree fruits and small fruits show varied prospects, although vegetable crops are in very good condition.



Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. July 1	Total since April 1	Normal since April 1	Week ending July 1 Actual	Normal
Manitoba						
1	Pierson	.48	7.50	5.84	59	63
	Waskada	N.R.	7.97	6.46	N.R.	64
2	Boissevain	.64	6.61	5.87	58	64
	Ninette	.76	7.55	6.46	59	64
	Pilot Mound	.52	7.53	6.76	59	65
3	Emerson	.40	5.28	5.49	60	65
	Morden	.28	7.04	6.34	N.R.	65
	Graysville	N.R.	5.23 1/2	6.56	N.R.	64
	Morris	.92	7.32	5.96	58	65
	Portage la Prairie	.58	6.43	5.94	60	64
4	Winnipeg	1.53	7.56	6.61	58	65
6	Sprague	.30	3.44	6.55	56	63
	Pinawa	.68	3.72	4.67	56	63
7	Virden	N.R.	4.81 1/2	5.31	56	62
8	Rivers	.20	4.46	5.96	57	63
	Brandon	.28	5.09	6.01	59	63
	Cypress River	.38	5.98	5.87	60	64
9	Minnedosa	.20	4.91	5.92	57	63
10	Dropmore	N.R.	3.11 1/2	5.74	N.R.	62
	Russell	.40	4.24	5.67	57	61
	Birtle	.52	4.32	5.69	56	62
11	Dauphin	.46	4.28	4.86	61	62
13	Swan River	.78	3.98	5.72	56	60
	The Pas	.02	2.36	4.28	56	62
Manitoba Average		.52	5.44	5.86	58	63
Saskatchewan						
1A	Carlyle	1.02	6.98	6.15	57	61
	Estevan	.40	8.48	5.99	59	63
1B	Broadview	.84	6.43	5.19	57	61
	Moosomin	.80	6.12	5.33	N.R.	63
2A	Yellow Grass	.64	5.11	5.73	58	63
	Midale	.42	6.00	6.17	60	63
2B	Moose Jaw	.24	5.21	5.78	60	64
	Regina	.36	3.57	5.65	59	62
	Qu'Appelle	.70	6.30	6.74	56	63
	Indian Head	.58	4.50	6.55	58	62
	Francis	.38	3.09	4.86	58	62
3AN	Chaplin	N.R.	3.90 1/2	6.12	N.R.	63
3AS	Assiniboia	.20	6.79	4.98	60	64
	Ceylon	N.R.	8.53 1/2	7.16	N.R.	63
	Gravelbourg	.28	5.11	5.37	64	63
3BN	Swift Current	.45	5.38	5.69	61	63
	Hughton	.72	3.37	5.36	60	61
	Pennant	N.R.	2.72 1/2	6.36	N.R.	62
3BS	Aneroid	.26	7.40	6.05	61	62
	Cadillac	.38	8.10	7.27	62	62
	Val Marie	Nil	6.81	5.38	63	64
	Shaunavon	Nil	8.41	4.79	N.R.	62
	Instow	.40	4.95	5.07	62	63
4A	Maple Creek	.06	6.48	5.52	62	62
	Consul	Nil	6.34	4.87	63	60
4B	Roadene	.32	5.16	5.36	61	61
5A	Yorkton	.94	4.77	5.35	59	61
	Hubbard	N.R.	5.26 1/2	5.22	N.R.	60
5B	Kamsack	.35	2.74	4.60	55	60
	Foam Lake	1.04	4.76	5.37	56	59
	Lintlaw	1.48	4.83	5.37	56	58
6A	Davidson	.48	3.66	4.74	59	62
	Nokomis	N.R.	3.15 1/2	4.18	N.R.	60
	Semans	.58	3.58	3.68	60	60
	Strasbourg	.50	3.49	5.42	54	62
	Dilke	N.R.	3.45 1/2	5.17	N.R.	N.R.
6B	Rosthern	1.22	4.68	4.77	58	61
	Saskatoon	1.28	3.85	4.68	58	61
	Dundurn	1.44	3.88	5.76	60	61
	Tugaske	.24	4.70	4.81	58	62
	Elbow	.30	3.38	4.81	N.R.	62
	Outlook	.98	3.41	3.63	60	62
	Harris	.98	5.13	4.99	58	61

N.R. No Report. 1/ Incomplete.

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

Crop District	Station	Week ending 8 a.m. July 1	Precipitation		Mean Temperature	
			Total since April 1	Normal since April 1	Week ending July 1	
					Actual	Normal
Saskatchewan (Concluded)						
7A	Alsask	N.R.	1/	4.98	N.R.	59
	Kindersley	.62	5.60	4.26	58	59
7B	Macklin	.54	6.67	5.40	58	59
	Scott	.84	4.94	4.61	57	60
	Biggar	.96	4.33	5.14	61	61
8A	Nipawin	2.50	4.75	5.71	56	60
	Naicam	2.86	5.84	5.18	55	60
8B	Melfort	2.69	6.74	4.75	57	61
	Dana	2.32	5.44	7.36	58	60
	Humboldt	1.60	3.41	4.44	57	60
9A	Rabbit Lake	.52	4.61	4.97	52	61
	Prince Albert	.90	5.13	5.12	58	62
9B	Battleford	.97	2.69	5.12	59	63
	Waseca	.90	5.29	5.12	56	60
Saskatchewan Average		.79	5.10	5.34	59	61
Alberta						
1	Medicine Hat	.01	5.68	4.83	66	64
	Foremost	.18	4.90	6.86	N.R.	60
	Manyberries	.18	5.37	5.06	65	64
2	Macleod	.42	9.36	5.44	64	62
	Cowley	Nil	5.65	6.62	N.R.	N.R.
	Lethbridge	.35	5.64	5.76	64	63
	Cardston	Trace	5.92	8.69	64	60
3	Brooks	Nil	4.62	4.57	64	61
	Empress	Nil	4.68	5.17	64	61
	Vauxhall	.26	2/	4.46	64	63
4	Vulcan	.02	6.13	5.88	N.R.	N.R.
	High River	.02	5.15	7.16	58	59
5	Drumheller	.59	5.25	5.85	64	58
	Hanna	N.R.	4.903/	6.25	N.R.	58
	Neco	.48	5.86	5.52	59	57
6	Olds	.44	6.53	6.04	59	58
	Three Hills	.28	5.72	5.54	59	58
	Strathmore	.04	7.48	5.86	61	58
	Gleichen	N.R.	3.543/	5.07	N.R.	59
	Calgary	.26	6.46	6.31	58	59
7	Coronation	.52	4.01	4.65	57	58
	Hughenden	.76	6.43	4.98	58	58
	Hardisty	.82	5.77	4.90	N.R.	N.R.
	Sedgewick	1.80	8.11	5.02	58	58
	Viking	1.40	5.36	4.98	58	58
8	Camrose	N.R.	6.093/	5.54	N.R.	59
	Wetaskiwin	.86	7.45	5.70	62	59
	Lacombe	1.14	6.79	6.26	58	59
	Alix	.86	4.95	5.56	60	58
	Penhold	.82	6.43	7.35	59	58
	Stettler	.32	4.08	6.43	N.R.	58
9	Springdale	N.R.	8.303/	7.05	N.R.	57
10	Vegreville	1.54	5.57	6.25	60	59
	Vermilion	3.00	6.33	5.65	59	59
	Lloydminster	.79	4.44	4.57	58	59
11	Edmonton	1.22	7.51	5.71	60	60
	Calmar	.98	8.00	6.31	60	60
12	Edson	.56	6.87	5.37	56	57
	Jasper	.49	3.42	2.99	56	57
13	Glendon	.72	5.46	5.06	54	59
14	Athabaska	.72	5.76	5.08	57	59
	Campsie	.72	6.55	5.72	60	58
15	High Prairie	.92	5.67	4.98	58	59
	Kinuso	.46	4.25	5.04	59	59
16	Fairview	.54	3.20	3.93	57	59
	Beaverlodge	.23	4.25	4.28	58	58
17	Keg River	.19	3.49	4.37	56	59
	Fort Vermilion	1.12	5.82	3.61	58	59
	Fort McMurray	.11	2.13	4.12	57	60
	Fort Smith	Nil	1.74	2.99	53	58
Alberta Average		.59	5.57	5.43	59	59

N.R. No Report. 1/ No report since April 15. 2/ No report until May 27.  
 3/ Incomplete. 4/ Source: Meteorological Service of Canada.



REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Much bait being distributed in the vicinity of Carman, Pilot Mound, Cartwright and in the Municipality of Argyle. In many districts where little poison is going out there is every indication of a build-up in the population and that many eggs will be laid.

Saskatoon, Saskatchewan

All crops in Claydon-Robsart-Govanlock area completely destroyed by grasshoppers and pastures being heavily damaged. Elsewhere only light losses caused by grasshoppers in limited areas. Further surveys revealed severe wireworm damage in Asquith to Harris and Conquest areas.

Lethbridge, Alberta

Grasshoppers still severe in south-east and causing slight losses in Lethbridge area. Wheat stem sawfly abundant over extensive area south of Stettler to border. Cutworm losses light and over for the season. Says grain bug increasing under ideal weather conditions.

HAIL DAMAGE

MANITOBA (North West Adjustment & Inspection Company, Limited, Regina)

No further hail in Manitoba.

SASKATCHEWAN (The Saskatchewan Municipal Hail Insurance Association, Regina)

Hail damage reported in Macklin, Denzil, Reward and Scott districts June 13. Storm at Eatonia, Glidden, Laporte, Dodsland and Plenty June 20. Storm at Scotsguard, Admiral, Cadillac, Aneroid, Maxstone, and Lake Alma June 26. Storm adjustments of early losses show damage to be generally slight.

ALBERTA (The Alberta Hail Insurance Board, Calgary)

Slight hail loss reported in Cochrane district during the week. No apparent damage at this date.

REPORTS OF CORRESPONDENTS

PRINCE EDWARD ISLAND

Charlottetown, Dominion Experimental Station

The rainfall and mean temperatures of June were about average. Cereals, roots and potatoes made strong growth. Hay and pastures are very promising in most districts. Corn growth has been slow. Large fruit will be light to medium crop. Small fruit very promising. Vegetables have made excellent growth.

NOVA SCOTIA

Halifax, Provincial Department of Agriculture

Hay and pastures generally well above average. Grain crops variable from excellent on well drained soils to yellow and stunted on heavy soils. Considerable area not seeded. Potatoes good on light soils but uneven on heavy soils, with prospect of a reduced crop. Roots same as potatoes, but too soon to judge. Strawberry picking started with good prospect. Apple crop gives good promise.

Annapolis Royal, Dominion Entomological Laboratory

Weather continues cool and dull with frequent showers. Cereal crops, grass and pastures in good condition. Fruits and most heed crops backward. Prospects of good crop of strawberries, cherries, plums and pears. Fair set of apples.

NOVA SCOTIA (Concluded)

Kentville, Dominion Experimental Station

Sufficient precipitation, weather dull and backward. Apples promising, although possibly below last year. Commercial orchards well sprayed and cared for. Pears, plums, cherries good. Strawberries are late but above average. Raspberries fair. Pastures good. Early grain, potatoes excellent. Higher temperatures needed. All hay good, now seeded heavy.

Nappan, Dominion Experimental Farm

June unsettled, retarding seeding ten to twenty days later than average. North Shore district suffering most, **just** completing seeding. Most crops making fair growth. Pastures good. New seeded hay on well cultivated fields good, general sod fair. Some potatoes and roots and buckwheat yet to be seeded. Warm weather badly needed.

NEW BRUNSWICK

Fredericton, Department of Agriculture

Continuous cold and wet weather retarding growth and the completion of seeding operations. Considerable acreage probably will lie fallow. Normal acreage of potatoes in commercial exporting districts, but elsewhere reduced root acreage, not all sown but likely less than normal. Condition of grass now less promising than fortnight ago.

Fredericton, Dominion Experimental Station

Dull cool weather and frequent rains have left all except light, well drained fields in water soaked condition. Many farmers have not finished seeding. Growing crops need more heat. Hay and pastures lack vigour. Much grain in unthrifty condition and light in colour. Vegetables and roots making fair growth. Potatoes backward. Strawberries good set of **fruit**, apples fair.

Fredericton, Supervisor of Illustration Stations

Continued rains and dull weather during past two weeks have prevented the completion of seeding and planting. For the same reason growth of hay and grain which was very rapid during early part of June is now slowing up. Hay making will likely be delayed ten days.

Fredericton, Dominion Entomological Laboratory

Continued wet and cold weather has retarded the normal growth of vegetables and grain. Clover good. Grass fair. No serious insect injury reported.

In Sunbury, Queens, Kings and Westmorland the general complaint is of continued wet cool weather and cold nights, **causing** a retardation of normal plant growth. In Westmorland County some grain fields on June 26 were still unsown due to the wet soil. Others had been worked while wet and were cloddy. Turnips, mangels, carrots, were being thinned but the plants were small. On the dykelands there was an excellent stand of grass but on many of the hill farms it was short. Clover was the exception and showed a good stand and full growth. Potato plants on gravel soils were well advanced, some very early fields in bud. On the clay loam soils they were poor in appearance and small. The warm weather crops, corn, beans, squash, tomatoes, all presented a retarded appearance.

Insect injuries have not been serious to date. Cutworms caused some loss in gardens but not general on farms. Leaf feeding beetles have been normal in numbers, sucking insects somewhat scarce to date.

All trees show a magnificent foliage growth. Small fruits promise a good crop.

QUEBEC

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

During the last two weeks weather has been rainy and unusually cold for this time of the year, and as a result crop prospects which earlier in the season seemed very promising are now doubtful. In some localities where hay making has begun, in particular in Montreal district and eastern townships, the work is carried out under



QUEBEC (Concluded)

Quebec, Agricultural Statistician, Department of Trade and Commerce of Quebec (Con.)

difficulties. Hay is plentiful enough but its nutritive value is lowered because it has to be left on the ground too long to dry. Grains are beginning to yellow and like all other crops they need some warm weather which would help vegetation and improve conditions generally.

Quebec, Provincial Laboratories of the Plant Protection Service

Agricultural pest conditions in general seem to be about normal and there is no cause for alarm at the moment. In gardens cutworms and flea beetles have caused damage nearly everywhere. Where trees have not been sprayed, apple scab is prevalent. In the lower St. Lawrence region, apple trees are suffering from an epidemic of bacterial blight.

Ste. Anne de la Pocatiere, Dominion Experimental Station

From June 17 to July 2, rains have been frequent and abundant. There has been a rainfall of four point one eight inches, consequently the meadows and pastures are good. Cereal crops are turning yellow in some places. Clovers are eight days late in flowering. Apples and cherries have set well.

Ste. Anne de la Pocatiere, Supervisor of Illustration Stations

Seeding not yet completed. Weather exceedingly rainy. Excess of soil moisture, and crop damaged especially in low fields. Hay is making progress week after week. Hoed crops are making good start. Pastures are medium, while clover is apparently delayed by cool weather, prevailing since the beginning of spring.

Normandin, Dominion Experimental Station

Precipitation three point seven inches, mean temperature fifty-five point seven, sunshine one hundred sixty six point six hours which are respectively point eighty-four above, four point seven and fifty five point two below average. Grain and garden crops have begun to suffer from cold, wet weather. Meadows and pastures are very good. No insect damage reported.

Cap Rouge, Dominion Experimental Station

Cool and rainy weather prevented seeding on low land from being completed. Pastures good and hay crops promising. Warm weather needed for cereals, vegetables and small fruit. Strawberry crop late by ten days, fair yield expected. June drop heavy on late apple varieties. Fair crop expected from early varieties.

Lennoxville, Dominion Experimental Station

Weather has been unfavourable. Slight frost on June 22 in some localities. Tender crops damaged. Hay fair to good. Grain growing very slowly. Corn suffering from cold and turning yellow. Pastures are showing lack of growth.

Farnham, Dominion Experimental Station

Ninety-five per cent of tobacco planted. Stand good. Haying just started. Poor weather conditions, prevailing cool wave affected growth of all crops, especially tobacco, corn and truck crops.

St. Johns, Dominion Entomological Laboratory

Agricultural conditions in the district continue to be good but the prevailing cool weather, especially very cool nights, seem to have checked plant growth. The hay crop is generally fair, clover and alfalfa being in full bloom, and timothy being all headed out. The hay harvest has already begun, especially the first cut of clover and alfalfa. Grain and corn crops have suffered from very cool weather. Early canning peas are in full bloom and several very early fields show advanced podding. There are practically no aphids on clover, alfalfa, and peas. Early market potatoes are in full bloom. No major insect problems have occurred so far.

L'Assomption, Dominion Experimental Station

The quality of hay will be damaged by the frequent rains of the last two weeks. Clover and alfalfa are lodged badly. Cool weather delays the growth of silage corn and tobacco. Many tobacco plantations have been almost completely ruined or destroyed by wind and rain.

ONTARIO

Toronto, Provincial Department of Agriculture

A period of warm dry weather is badly needed as crop prospects have been reduced by almost daily rains. Pastures are plentiful but the grass is watery and to date weather has been unsatisfactory for curing of the large hay crop. Considerable hay and alfalfa being ensiled. Beans and corn suffering from excessive moisture and cultivation of hoe crops difficult. Fall wheat promises heavy yield and is in head in central Ontario. Spring grains are heavy but a considerable percentage of the acreage appears yellow. Early seeded barley and mixed grains heading out in south-western Ontario. Apples and peaches promise slightly below normal crops. Cherries, pears and plums have considerably below average yield. Grapes fairly promising. In northern Ontario, weather conditions have been generally unfavourable for the growth of hay and for the planting and growth of grain crops and prospects are below average.

Vineland Station, Dominion Entomological Laboratory

Tree fruit crops below average. Severe outbreaks of Bud moth in many apple orchards in western and eastern Ontario. Weather continues very wet and cool.

Chatham, Dominion Entomological Laboratory

Grain crops progressing favourably, but haying seriously impeded by wet weather. Quality will be poor. No crop damage of importance by insects.

Harrow, Dominion Experimental Station

Excessive rainfalls and poor growing weather during June caused considerable damage to many crops, particularly corn and tobacco in Essex county. Rainfall recorded at Harrow five and three quarter inches. Rootrots are prevalent and most crops behind normal growth schedule. Conditions in most other parts of south-western Ontario good.

Kapuskasing, Dominion Experimental Station

Weather condition in June very backward. Practically no sunshine the past week and heavy rain. Seeding completed June 25, small areas early sown grain fair. Late seeding not through and growth very backward due to cold nights and lack of sunshine. Really a serious condition. Pastures good and fair hay crop if we get sunshine.

MANITOBA

Winnipeg, Provincial Department of Agriculture

Continued cool weather with general and generous showers favourable to cereal crops. Some thirty per cent of wheat headed. Grasshoppers in central and southern districts numerous with considerable baiting. Weather and good growth helping hold grasshoppers in check. No rust or hail. Crops range heavy in most Red River Valley to average to light in north where moisture limited. Corn needs warmer weather.

SOUTH-WEST

Melita, Telegraphic Correspondent

Point seven six inches of rain since last report. Crop prospects continue favourable. Wheat in head, also a few fields of early barley. Pastures and gardens good. No damage by frost or insects.

CENTRE

Portage la Prairie, Agricultural Representative

Crop doing well. Excellent rain. Some grasshopper, hail and frost damage. Thirty per cent wheat in head. Crop slightly later than usual.



MANITOBA (Concluded)

WEST-CENTRE

Brandon, Dominion Experimental Farm

Weather cool with light rain. Growth of grain fair and wheat now heading. Hay poor. Pastures fair. Gophers working on crops in some sections.

Woodnorth, Telegraphic Correspondent

Showery weather but subsoil moisture much below normal. More rain needed.

NORTH-WEST

Minnedosa, Telegraphic Correspondent

Light scattered showers during week. Fifteen per cent of wheat, five per cent barley in head. Straw medium length. Need more rain. Sweet clover a failure. Other hay light. Pastures fair. Stock doing well. Flies getting bad. No insect damage.

Dauphin, Agricultural Representative

Wheat heading generally. Crop will be shorter than average. Weather past week showery and cool. Still need for soaking rain to carry crop through July heat. Pastures are good. Cattle doing well. Hay crop is very light. Gardens doing well. No grasshopper damage.

Russell, Telegraphic Correspondent

Wheat heading out rapidly. General impression is that the heads promise to be short though the grain is not suffering. More moisture at this stage would make a great improvement. Potatoes which were not set back by frost are commencing to bloom. Other garden produce making good progress. There will be almost no natural hay. Tame hay and clover generally a poor stand. Pastures good.

Swan River, Telegraphic Correspondent

Growth splendid past week. Wheat average length coming in head. Oats and barley uneven due to dry spring. Clover and alfalfa will be short. Pastures doing fine and stock in good shape. No crop disease or insect pests. Plenty moisture.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Weather during greater part of past week cool and showery but temperatures during past few days rose. Precipitation varied in different districts during past week from light showers to heavy rains. Rainfall heaviest in northern and some parts of central districts while moderate showers fell in west central points and in south-eastern Saskatchewan. Over greater portion of Regina, Weyburn, south-central, south-western, east-central and over much of central Saskatchewan, however, precipitation was generally light and in these districts particularly rain is needed and at many points in Regina, Weyburn and central districts the need is urgent as crops are burning badly in places. In south-eastern, south-western, west-central and over much of northern Saskatchewan crop prospects have been fairly well maintained while in central and some parts of the Regina, Weyburn and south-central districts marked deterioration is noticeable, much of the wheat being forced into head prematurely. Most parts of the province would welcome a good general rain. With the exception of the south-western area where heavy damage has already been sustained the grasshopper outbreak is scattered and damage patchy. An energetic control campaign is being waged and the situation appears to be under control. Live stock and pastures are for the most part in good condition.

SOUTH-EAST

Yellow Grass, Telegraphic Correspondent

Summerfallow crop looking good. Stubble crops going back. Needing rain. Wheat about 50 per cent headed. Hay crop poor. Pastures good. All crops need rain. Moisture to date five point four inches.



SASKATCHEWAN (Concluded)

SOUTH-EAST (Concluded)

Indian Head, Dominion Experimental Farm

Oats on fallow fairly good. Stubble crops very poor. Hay crops fair. Grasshoppers doing considerable damage in some districts. Rain urgently required for all crops. Precipitation for June two point four inches.

EAST-CENTRE

Willowbrook, Telegraphic Correspondent

Total precipitation four point naught seven inches. Summerfallow light and short and crop little thin. Other land hundred per cent crop but no outstanding yield expected. Coarse grains good. Forage crops fair. Outlook excellent.

EAST-CENTRE

Rosetown, Telegraphic Correspondent

Crops still doing well. Over three quarters inch of rain last week. Gardens are starting to grow now. Enough moisture for a week but as subsoil moisture deficient will need above average rainfall to maintain excellent stand here now.

Scott, Dominion Experimental Station

Rains during past week totalling almost an inch at many points have temporarily relieved moisture situation for grain crops during this critical period. Soil moisture is limited and additional rains will be required to produce average grain yields. Haying is in progress and yields will be about normal.

Senlac, Telegraphic Correspondent

Growth is taking moisture supply and rains will be needed regularly to ensure proper filling. Some wheat and early oats heading. Damage has been done to crops from wireworm but little damage from grasshoppers. Pastures and gardens excellent.

NORTH-EAST

Melfort, Dominion Experimental Station

Weather cooler than usual during past week. Good rains through district. Two point five six inches recorded at Melfort. This is first good rainfall in north-east part of this territory. Grain in good condition on summerfallow around Melfort. Crops later and shorter north-east. Stubble crops generally below average. Considerable browning rootrot in some areas. No insect damage to crops observed.

NORTH-WEST

Prince, Telegraphic Correspondent

Crops all doing well. Wheat twenty per cent headed out twenty inches high. Crop moisture to date three point two three inches.

ALBERTA

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

Rain needed immediately to save grain crops. Range grasses have made slightly better than average growth, now approaching maturity. Native hay yields fair to good. Haying well under way. Grasshopper damage severe in general throughout the district.

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Rain needed in all parts of southern Alberta although west of Lethbridge up into the foothills crops have not suffered. East of Lethbridge to Saskatchewan boundary grain badly needs immediate rain. Total June rainfall at Lethbridge one point two five inches which is less than half normal.



ALBERTA (Concluded)

SOUTH-WEST (Concluded)

Cardston, Telegraphic Correspondent

No rain during past week and moisture conditions are getting serious. Crops are starting to shorten up some the last day or two but if we get rain in the next week there will be some good crops. Wheat is about 80 per cent in shot blade and 30 per cent headed.

Clareholm, Telegraphic Correspondent

Continued dry hot weather commencing to affect crops. Showers in some parts of district but general rain badly needed.

EAST-CENTRE

Hanna, Telegraphic Correspondent

One-half inch rainfall past week but now hot drying winds. Rain urgently needed. Some crops starting to burn. Fifty per cent wheat in shot blade. Pastures drying up fast.

CENTRE

Stettler, Telegraphic Correspondent

Point four five inch rain. Will need a good rain at once or our crop will mature too fast. Growth is heavy and subsoil moisture nearly all gone. Hay crop good. Pastures good.

Sedgewick, Telegraphic Correspondent

Over one inch of rain the past week. Wheat ten to twelve inches high. Early wheat starting to head. Moisture conditions very good. No damage reported. Fifty per cent of the grain ten days late, otherwise general conditions excellent.

WEST-CENTRE

Olds, Telegraphic Correspondent

Crop conditions are fairly good. Weather dry and hot winds. Had a nice rain first part of week lasted for four hours. All grains have a good healthy colour and early sown wheat in shot blade. No damage to report for the week.

Lacombe, Dominion Experimental Station

One inch rain during week relieved critical situation but with only one point eight inches rain during June, and following a dry May, heavy rains are urgently needed. Three days high hot winds have given crops serious setback. Hay cutting starting. Crop fair. Pasture becoming bare.

Edmonton, Telegraphic Correspondent

Good showers during past week and general crop conditions continue fairly good. Crops however appear to be late and show retarded growth. Weather now quite warm and general growth should be rapid.

NORTH-EAST

Vermilion, Telegraphic Correspondent

One point twelve inches rain fell a week ago and saved the deteriorating crops and helped the good. About two thirds of the north-east section of Alberta is good but weedy and is not suffering from drought, the other third requires immediate rain. Gardens have done well this week.

NORTH-WEST

Beaverlodge, Dominion Experimental Sub-station

Refreshed by scattered showers, crops in most areas remarkably healthy and even, though a little late and a few districts backward or poor. Soaking general rain needed. A little grasshopper poisoning contemplated in localized areas of Grande Prairie district.



BRITISH COLUMBIA

Victoria, Provincial Department of Agriculture

Weather during past two weeks has been fine and warm accompanied by considerable wind. This is causing heavy evaporation of soil moisture and while crops are not yet suffering, good rains would be beneficial. Harvesting of alfalfa and timothy crops is proceeding rapidly; yields of both are quite heavy and in most cases of good quality. Early stands of fall wheat and rye are starting to turn colour and most spring seeded grains are either in bloom or approaching the blooming stage with prospects of excellent yields. Development of vegetable crops is very rapid. Cucumbers are moving in volume, and the first semi-ripe tomatoes were packed in the Osoyoos district last week.

Victoria, Dominion Entomological Laboratory

No rain for three weeks and continuance of high winds has depleted soil moisture. Field crops beginning to suffer. Sweet cherries being picked. Good crop. Sour cherries light. Raspberries and logans suffering from dry weather, crop fair. Hay in good shape. No important insect damage.

Saanichton, Dominion Experimental Station

Dry and warm weather conditions have checked growth. Spring sown cereals most effected. Hay all out and much of crop being baled in field. Logan-berry picking well advanced with crop about average and prices about same as nineteen thirty nine. Bing cherries prime crop good. No change in tree fruits since last report.

Summerland, Dominion Experimental Station

Little rain has fallen during June with result supplies irrigation water heavily drawn upon. In some districts orchard cover crops being disked under to conserve soil moisture. Cherry crop lighter than usual but of excellent quality. Prospects heavy yield apricots and peaches, but pears and apples lighter than last year.

Vernon, Dominion Entomological Laboratory

Weather dry and hot. Moisture needed. Good yields of grain in prospect. Early vegetables moving well and good quality celery nearly ready for shipment. Orchard crops sizing well. Foliage good colour. Prunes not as heavy as last year. First brood codling moth sprays completed.

LATE REPORT

MANITOBA - NORTH-WEST

Kelwood, Telegraphic Correspondent

Made considerable enquiry about crop. Reply almost invariably received nice crop, but short and not heavy as last year. For some reason considerable portion summerfallows short in straw. Danger of crop being over-rated. Heading out general.





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