

22-002
no. 10
1933
July 18
c. 1

Published by Authority of the Hon. H. H. Stevens, M.P.,
Minister of Trade and Commerce
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
Chief, Agricultural Branch: T. W. Grindley, Ph.D.

TELEGRAPHIC CROP REPORT

Ottawa, July 18, 1933, 4 p.m.- The Dominion Bureau of Statistics issues to-day the eighth of a series of 15 weekly telegraphic reports covering crop conditions in the three Prairie Provinces. Forty-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 in Manitoba and Alberta, a number of selected private observers and grain men also co-operate in this service.

SUMMARY

Crop conditions in the Prairie Provinces did not change materially during the past week. Rainfall was extremely light and the need for general and heavy rains was further intensified. The effects of the hot, dry weather in June are evident over wide areas where wheat is maturing early, stands being thin and short. In many cases harvesting will be difficult. As a result of June conditions, the wheat plant did not stool properly and small heads are now general throughout the affected areas. Crops are poor throughout the southern half of Manitoba and the yield will be very light. In northern Manitoba crops range from fair to good reflecting a more adequate moisture supply. In Saskatchewan crops are poor in the south-western and west-central areas and part of south-central area where drought and heat have damaged crops beyond any possibility of recovery. In other areas crops are fair to good. Rain is urgently needed in the southern area of Alberta where crops are showing the effects of adverse conditions. Conditions in northern Alberta continue favourable and the outlook is promising. Considerable hail damage is reported in Manitoba and Saskatchewan during the past week.

Manitoba received scattered showers but no general rains during the past week. Crops have developed rapidly in the ^{past} six days and harvesting will commence at an early date this year. Crops are poor south of the main line of the Canadian Pacific Railway where two-thirds of the wheat acreage of Manitoba is located. In many cases wheat is short and thin and harvesting will be difficult. Coarse grains are generally inferior to wheat. A trace of stem rust is reported but no damage indicated. In northern Manitoba crops range from fair to good reflecting more adequate rainfall.

The crop situation in Saskatchewan did not change materially during the past week. Light rains in some parts of the west-central area improved the feed situation but wheat crops are too far advanced to benefit. Crops in west-central and south-west portions of the province are poor. Somewhat better crops are reported in south-central area although in this area wheat is inclined to be short and patchy. Other districts report fair to good crops. Grasshoppers are still active especially in dry areas.

In Alberta, most of the good crops are located north of a line drawn from Wetaskiwin to Wainwright. The large acreage south and east of Calgary has suffered greatly and will not give an average yield under optimum conditions from now on. Southern Alberta is still suffering from drought. In northern Alberta crops are developing well, fields are even and straw averages two feet in length. In some cases heads are reported as being small.

Reports of Dominion Entomological Laboratories, Prairie Provinces.

Dominion Entomological Laboratory, Treesbank, Manitoba.

Grasshopper migrations are making the general infestation more uniform. Many fields previously uninfested are now sustaining some injury but no new districts have been seriously invaded. The wheat stem maggot is again causing some injury, the loss between Carman and Winnipeg being comparatively heavy.

Dominion Entomological Laboratory, Saskatoon, Saskatchewan.

Appreciable damage by grasshoppers continues along lines previously reported.

Dominion Entomological Laboratory, Lethbridge.

Winged grasshoppers spreading to grain crops and causing losses reported at five and ten per cent in some localities. No serious migrations reported landing in Alberta though some seen flying high.

Rust

The Dominion Rust Laboratory at Winnipeg wired as follows:

"A trace of stem rust in southern Manitoba later than usual."

Hail Damage

The following wires were received from our correspondents outlining hail damage during the past week throughout the Prairie Provinces:

- Manitoba - Severe hail damage Morris, Kane, Roland and south of Sperling storm of July 12.
- Saskatchewan - Storm of tenth did considerable damage south of Earl Grey, Southey, Markinch and Cupar. Storm reported on the fifteenth south of Milestone continuing in a south-easterly direction by Radville to the American border.
- Alberta - Hail claims received from Kaleland, Soda Lake, Leedale, Lavoy, Inland and Falun. Damage negligible.

Meteorological Report

The following report from the Dominion Meteorological Service, Toronto gives the rainfall (in inches) in the week ending Monday, July 17 at 7 a.m.-

<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>	
Portage la Prairie	0.1	Kamsack	0.1	Brooks	0.1
Russell	0.1	Yorkton	0.3	Calgary	0.1
Morden	0.2	Macklin	0.3	Edmonton	0.1
Dauphin	0.2	Kindersley	0.3	Empress	0.2
Boissevain	0.4	Moosomin	0.3	Lethbridge	0.2
Brandon	0.5	Yorkton	0.3	Fairview	0.2
Swan River	0.6	Lloydminster	0.5	Coronation	0.3
Winnipeg	0.7	Humboldt	0.5	Stettler	0.4
		Melfort	0.9	Red Deer	0.5
				Vegreville	0.8

The following points reported no rain during the week: Moose Jaw, Battleford, Qu'Appelle, Swift Current and Medicine Hat.

The following points reported less than one-tenth of an inch: Le Pas, Cypress River, Minnedosa, Indian Head, Assiniboia, Prince Albert, Estevan, Yellow Grass, Broadview, Drumheller and Foremost.

REPORTS FROM CORRESPONDENTS

MANITOBA

Department of Agriculture, Winnipeg.

Five days past week cooler but crop has developed rapidly and wheat cutting will be general many southern Manitoba points by August 1. Scattered showers continue but no general rain. Most of area north Canadian Pacific Railway main line has fair to excellent wheat crop while southward crop is poor to very poor. In a few municipalities there will be little more than seed. Coarse grains generally inferior to wheat. Grasshoppers still very active over one-third Manitoba's crop area. Pastures many places exceedingly scant. Considerable wheat stem maggot.

Dominion Experimental Station, Morden.

Crop ripening fast. Early wheat will cut week of July seventeenth. Heads short, tip burned. Oats and barley poor, crop very light. Weather continues hot and dry. Prospects disappointing.

Dominion Experimental Farm, Brandon.

Hot weather prevailed early in week now cooler. Rain needed to help filling of early crop and to bring later crop along. Early-sown fields of wheat maturing rapidly. Grasshoppers have spread to new districts. Drought in extreme south-western Manitoba particularly severe.

Telegraphic Correspondent, Dauphin.

Crop did well this past week. Moisture supply continues adequate but there is no reserve if showers cease. Late crop will not be a heavy yielder. Haying progressed faster last week with more settled weather. Some excellent yields of alfalfa and sweet clover. Corn doing well.

SASKATCHEWAN

Department of Agriculture, Regina.

Not much change in crop situation during week. Rains in early part of week helped feed situation in some parts of west-central area, but wheat too far advanced to benefit although feed situation improved. Need more rain. Crops in this area as well as in the western part of central and in south-west poor. Somewhat better in south-central but generally short and patchy here also. Other districts generally fair to good.

Dominion Experimental Farm, Indian Head.

Crops in eastern Saskatchewan making good progress and show prospect of a fair average crop. Wheat maturing rapidly. Rye ready to cut. Hay excellent crop. Pastures fresh. No insect damage. Summer-fallow work well advanced.

Dominion Experimental Station, Swift Current.

Further deterioration of grain prevented by two showers in early part of week followed by comparatively cool weather. Condition of crop not materially different from preceding report.

Dominion Experimental Station, Scott (reporting from Wilkie).

There is no general improvement in grain crop situation in west-central Saskatchewan. A few showers followed by somewhat cooler temperatures have helped most small areas where a fair crop is in sight. Pastures are poor and a future feed situation is becoming more acute.

Dominion Experimental Station, Rosthern.

Over inch rain fell during week and local crops are now in good condition. Yields north of Rosthern will be around average and south somewhat below average. Pastures still good. Good crop of hay being harvested. Beet webworm very numerous and damaging some gardens.

ALBERTA

Dominion Range Experiment Station, Manyberries.

Continued hot weather has hastened maturity of crops. Wheat crop mostly headed out and promises a good yield. No burning in this territory yet. Grasshoppers causing slight damage. Moisture needed within next ten days. Range and pasture conditions good in this district.

Dominion Experimental Station and Supervisor of Illustration Stations, Lethbridge.

The past week was a further trial for non-irrigated crops in southern Alberta. A ribbon of country along the Foremost-Manyberries line where precipitation for May and June exceeded eight inches is holding strong. Absence of rain with heat worked further injury to other grain areas and pasture lands.

Telegraphic Correspondent, Calgary.

Moisture received during past week very spotted with no general rains. Some white caps showing up but majority fields holding up well considering scarcity moisture. Even with good rains would estimate yields on summer-fallow twelve to fifteen bushels and on spring plowing and stubble practically nil.

Telegraphic Correspondent, Cardston.

No rain since wire last week. Early wheat 90 per cent headed. Some oat fields 80 per cent in head. Rain needed badly to assure filling of grain now in head. Grasshoppers still menacing the crops but farmers are keeping them fairly well under control with slight damage reported. Haying well under way very light crop. Pastures badly burned.

Telegraphic Correspondent, Stettler.

One-quarter inch rain since last report. Wheat about seventy-five per cent headed. Need more rain to fill heads. Weather ideal for the crop if we had more rain. Crop will be about sixty per cent normal. Hay crop very short. Pastures poor.

Telegraphic Correspondent, Camrose.

Crops require rain badly. Ground very dry after four days excessive heat. Oats and barley in shot blade need rain to make heads. General conditions fair. Prospects not good for heavy crop. Stock doing fair. Some fair crops hay, others very patchy.

Telegraphic Correspondent, Edmonton.

Good crop conditions. Fairly warm. Odd shower. Wheat crop prospects same as last year. Coarse grains good to better. Clear and warm at present. No damage reported.

Telegraphic Correspondent, Athabasca.

Rainfall during week decimal thirty-four. Weather warm during day with low temperatures at night. Wheat headed out. Average crop prospects unchanged.

Dominion Experimental Sub-station, Beaverlodge.

A cool summer has been varied recently by a few days warm weather touching seventy-eight here. Grain still healthy but ten days late. Earlier ones emerging from shot blade. Otherwise reports from most points encouraging but Grand Prairie District needs rain. No precipitation Beaverlodge last week and only quarter inch July to date. Hay yields fair.



1010525130