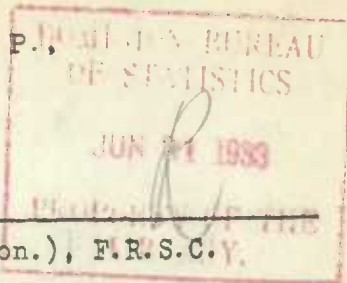


22-002
no. 10
1933
June 20
c. 1

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



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TELEGRAPHIC CROP REPORT

Ottawa, June 20, 1933, 4 p.m.- The Dominion Bureau of Statistics issues to-day the fourth 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

Almost without exception, telegraphic advices received from the Prairie Provinces this morning report extensive crop damage as a result of the extremely high temperatures and limited rainfall of the past week. For five days maximum temperatures were near or above 100 degrees F. with two stations reporting 106 degrees F. on Friday, June 16. The hot wave began in Alberta on Monday and Tuesday and reached Manitoba on Wednesday. Temperatures have now moderated in the two western provinces and relief is expected in Manitoba following the severe windstorms of June 19. General rains are required to prevent further damage. To-day's forecast is for fair and cool weather.

Crop injury from heat and drought has been accompanied by increasing damage from insects, disease and hail. Grasshoppers are causing more concern in Manitoba, while wireworms are doing considerable damage in Saskatchewan and Alberta. Cutworm injury is reported as slight. Extensive damage due to rootrots on wheat seeded on summer-fallow is reported from Saskatchewan. Hail fell at a number of points in each province, but losses are neither severe nor permanent at this stage of growth. High winds in Manitoba yesterday resulted in injury to truck crops.

The heavy stands of grain in Manitoba were not sufficiently supplied with reserve moisture to withstand the high temperatures and hot winds of the past week. Rain is required over practically the entire province and its early arrival would do much to correct the damage of the past week. The grasshopper outbreak is still troublesome; some damage has resulted where poisoning was not effective and where crops were poorly seeded. Crops on light soil at Brandon are 'burning.' Hay and pastures have suffered from the drought.

The exceptionally hot weather was damaging to grain crops in Saskatchewan, especially in the western sections. Reports from Swift Current in the south-west and Scott in the west-centre reveal heavy losses in those areas. Some rain fell in southern districts on Monday, but a general rain is needed to prevent further deterioration. Crops in the east-centre and north are still progressing satisfactorily. Grasshoppers are numerous and effective poisoning is necessary to keep them under control. Slight cutworm damage and considerable wireworm damage are reported. Rootrots are evidently injuring wheat on summer-fallow land. Hay and pasture crops require moisture.

Crop damage due to drought is generally distributed over Alberta, but the southern and central areas have suffered most severely. In the south, the crop outlook is critical in many districts. Crops are 'burning' across the whole territory from the Saskatchewan boundary to the mountains. In the central districts, where spring rains were heavier, prospects are better but heavy rains are badly needed. In northern Alberta and the Peace River district, some localities have very promising crops but rain is generally required for continued growth.

Reports of Dominion Entomological Laboratories.

Dominion Entomological Laboratory, Treesbank, Manitoba.

The dry hot weather of the past week has injured crops in south-western Manitoba and retarded growth in other parts while accelerating grasshopper activity thus increasing the rate of damage. The control campaign continues uninterrupted, excellent results having been secured during the hot weather. Blister beetles are beginning to damage carragana hedges and leguminous crops.

Dominion Entomological Laboratory, Saskatoon, Saskatchewan.

Grasshopper outbreak continuing to develop with areas and intensities as forecast but control campaign is now rather general and fairly effective. Wireworms are causing heavy damage to summer-fallow wheat possibly to a greater extent than usual. Their work is frequently combined with and accentuated by rootrots which are reported unusually prevalent on summer-fallow. Cutworm losses very moderate. No other outbreaks of field crop pests noted as yet.

Dominion Entomological Laboratory, Lethbridge.

Extreme heat and continued drought have increased damage from pale western cutworm. Flea beetles injuring garden truck and sugar beets. Garden pests generally abundant on irrigated truck farms particularly root maggots. Extensive wireworm damage to wheat reported generally. Grasshopper campaign progressing favourably, with majority of eggs hatched.

Meteorological Report.

The following report covering precipitation in the week ending 7 a.m. June 19 has been received from the Dominion Meteorological Service, Toronto:

(Precipitation in inches)

<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>	
Dauphin	0.5	Shaunavon	0.1	Red Deer	0.1
		Outlook	0.1	Coronation	0.1
		Saskatoon	0.15	Foremost	0.1
		Prince Albert	0.15	Beaverlodge	0.2
		Empress	0.2	Vegreville	0.2
		Kindersley	0.3	Lloydminster	0.2
		Moose Jaw	0.3	Stettler	0.5
		Melfort	0.3		
		Assiniboia	0.4		
		Estevan	0.4		
		Qu'Appelle	0.5		
		Regina	0.5		
		Indian Head	0.7		
		Battleford	0.8		
		Swift Current	0.8		
		Yorkton	1.2		
		Yellow Grass	1.5		

Hail Damage.

Our correspondent at Regina wires as follows:

"Some slight loss storm June thirteenth vicinities Strasbourg, Earl Grey, Semans, Dafoe, Liberty and Davidson. Storms reported nights of seventeenth and eighteenth; no particulars yet of amount of damage done."

Our correspondent at Calgary wires:

"Hail damage reported from Didsbury. Weather very dry in considerable proportion of province."

REPORTS FROM CORRESPONDENTS

MANITOBA

Dominion Experimental Station, Morden.

Wheat in shot blade. Crops continue to make rapid growth. Corn responding to warm weather. Warm wave passing over province. No rain during week. Brome grass headed out. Yellow clover in blossom. Pastures good. Some leaf rust on wheat. Prospects favourable. Crops would benefit from rain but are not suffering.

Dominion Experimental Farm, Brandon.

Western Manitoba has experienced extremes in temperature. Frost damaged vegetables in some districts but did little damage to field crops. The hot winds at the last of the week have lapped up the moisture at a rapid rate. Crops turning yellow on extremely light soil. Heavy clay soils are cracking badly.

Telegraphic Correspondent, Carman.

Weather hot and dry. Rain needed although crop still looks promising. Gardens and pastures good. Live stock in good condition. Hoppers increasing; use of bait continues with good results; some damage in late and poorly seeded crops; good crops untouched.

Telegraphic Correspondent, Minnedosa.

Crops require rain badly. Ground very dry after five days of excessive heat. Wheat ten days later than last year. Oats and barley doing fair but all grain will be short in straw unless moisture comes soon. Stock doing fair. Some splendid crops of hay; others patchy.

Telegraphic Correspondent, Dauphin.

Three days very hot weather relieved this morning with 0.6 inches rain. Cooler weather and moisture very acceptable to growing crop. Corn and hay crops are doing well. Some summer-fallowing started. Mosquitoes bad on stock at pasture. Grasshoppers not serious.

Telegraphic Correspondent, Russell.

High temperatures for several days followed on June 19 by severe wind storm with rain and hail has resulted in extensive crop damage. Too early to estimate amount of damage yet but wheat which was heading prematurely on account of heat and dry weather appears worst hit. Rainfall of 0.80 inches will greatly benefit coarse grains and hay crops. Gardens damaged considerably.

Agricultural Representative, Teulon.

Intense heat wave for June prevailed past two days; consequently rain will be required, but weather somewhat modified this morning. Crops have made steady growth during the week with some wheat in shot blade. Weeds abundant. The grasshopper situation remains similar to last report with poison bait being sprayed daily but do not anticipate much loss to crops from them this year, except in isolated cases.

SASKATCHEWAN

Provincial Department of Agriculture, Regina.

Exceptionally hot weather during past week has been hard on crops where moisture limited. Complaints of damage from south-western and west-central districts received. Rain, good to light, received early Monday morning at many points southern area but more needed in western districts. Crops in other districts have generally made satisfactory progress. Grasshoppers numerous in extreme south-east and also bad in some parts of south-central and central Saskatchewan. Poisoning to check advance continues. Scattered reports of slight cutworm damage in the south-central district.

SASKATCHEWAN - Cont'd.

Dominion Experimental Farm, Indian Head.

Rain urgently required to offset excessive temperatures during week. Early sown grain making good progress; late sown crops require moisture. Hay and forage crops in good condition, seeding almost complete. Fallows well in hand.

Dominion Experimental Station, Swift Current.

Three weeks without rain except scattered showers. Last week temperature ranging ninety to one hundred. Some wheat crops damaged beyond recovery; others will recover if abundant rain comes soon. Situation worst west and north-west, but rain needed all over south-west and west-central Saskatchewan. Pastures dry. Fall rye and hay crops severely damaged.

Supervisor of Illustration Stations, Swift Current.

Shaunavon - no rain this month. Recent extreme heat and winds have checked crop growth. Some wheat starting shot blade short. Hay practically failure. Piapot and Fox Valley - all crops damaged, those on stubble land most severely. All fall rye headed; mostly light crop, many fields only fit for hay. Hay practically a failure. Grasshoppers starting to feed on some fields.

Dominion Experimental Station, Scott.

Crops have suffered during past week with continued dry weather and temperatures reaching unprecedented height of one hundred and three degrees Fahrenheit. Pastures are poor. Hay appears like a failure and immediate good rains are the only hope for grain. A few scattered showers have occurred within forty mile radius but beyond fifty miles north and west rain has been more abundant according to reports from illustration stations.

Dominion Experimental Station, Rosthern.

All grain above ground and in good condition but hot, dry weather prevalent all week using up available moisture rapidly and rain badly needed. Some wheat on summer-fallow land suffering from browning disease but no damage from insect pests at present. Hay crops and pastures excellent.

ALBERTA

Dominion Range Experiment Station, Manyberries.

Hot weather of past week seriously affected crop prospects. Wheat on light soil and stubble land ten to twenty per cent burned. Wheat on heavier soil in fair condition but moisture needed badly. Range grasses also drying rapidly.

Dominion Experiment Station, Lethbridge.

Almost total absence of rain and continued hot weather during month has seriously injured many fields of grain; each additional day without rain is increasing the damage. Thinning of sugar beets is well advanced and crop looks promising. Heavy demand for water in irrigation areas. Some grasshopper damage.

Supervisor of Illustration Stations, Lethbridge (reporting from Jenner).

Past week intensely hot southern Alberta. June thirteenth, Milk River-crops suffering from drought. Fourteenth, Foremost and Orion - crops standing strain. Sixteenth, Whitla-grain suffering severely; rye being cut for feed. Hilda - here heavy storm relieving farmers' anxiety. Seventeenth, Empress and Bindloss - crop almost gone. Nineteenth, Jenner - crop condition critical.

Telegraphic Correspondent, Cardston.

Having had no rain for the past months, crops are badly in need of moisture. Fall rye 50 per cent in head, but light. Grasshoppers quite numerous but farmers seem to have them well under control. Weather has been very hot and dry since last report. Pastures burning badly.

ALBERTA - Cont'd.

Telegraphic Correspondent, Calgary.

Temperatures high during past week, with practically no rain. Cooler over weekend with scattered showers. Need good rains shortly or crop will have short straw and short heads, with consequent reduction in yield. Grasshoppers not serious in this district so far.

Telegraphic Correspondent, Hanna.

Crops in district appear fair. Last week of very dry hot weather showing bad on stubble and early sown wheat. No grasshopper or cutworm damage. If good rain inside week, normal crop can be expected.

Dominion Experimental Station, Lacombe.

Following three of the warmest June days on record with drying winds, all crops seriously need moisture. Half inch rain Saturday afternoon somewhat relieved local situation, but with only one inch precipitation during June heavy rains very much needed. Hail, frost and wireworms have caused injury in some districts.

Telegraphic Correspondent, Camrose.

The last week has been hot and dry. Grain at a standstill. Wheat 8 to 10 inches; some coming in shot blade. Oats not up to 4 inches high. Barley just coming up. Pastures fairly good yet.

Telegraphic Correspondent, Stettler.

Weather for past week very hot. About half inch rain. This rain was only local and territory south needs rain badly. No damage except from hail which did considerable damage to early crops and gardens. General conditions fair. Prospects not good for heavy crop.

Telegraphic Correspondent, Edmonton.

Crops being forced ahead by hot weather last week. Rain needed. Only small showers. Some grain coming out in shot blade. Damage not serious. Weather clear and fairly cool at present.

Telegraphic Correspondent, Vermilion.

The heat of the last week caused rapid growth and although the weather is cooler and we get small scattered showers general rain would be acceptable. Except for some hail in scattered spots there is no damage reported. Grain crops, pastures and gardens look splendid and with rain within a week, prospects are good.

Telegraphic Correspondent, Athabasca.

Weather for past week very warm. Rainfall Saturday night over district to the west, which was suffering from lack of moisture. Most crops showing up patchy. Good general rain necessary as moisture reserve lacking.

Dominion Experimental Sub-station, Beaverlodge.

Crops still late but general conditions otherwise rather favourable though some of the leading wheat districts need rain decidedly. Peace River town and northward seem especially favourable and British Columbia block also good. Some wireworm injury reported. Rains have been local and irregular.



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