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 SHED BY AUTHORITY OF THE HON. R. B. HANSON, K.C., 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, July 30, 1935, 4 p.m. - The Dominion Bureau of Statistics issues today the fourth of a series of 6 telegraphic crop reports covering crop conditions throughout Canada. Included in this report is the tenth of a series of 15 weekly telegraphic reports on crop conditions in the Prairie Provinces. Seventy-nine 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

In the Maritime Provinces and Eastern Canada, weather conditions have favoured crop growth but the recent showery weather is interfering with the hay harvest. In the West, unfortunately, the month of July has again provided conditions that were fatal to the good crop prospects on the southern plains where conditions in May and June were so promising. Rust has severely reduced the yield of all bread wheats in Manitoba and the infection is spreading westward into Saskatchewan while the drought area that has been limited to rather narrow belts along the Alberta-Saskatchewan boundary is extending eastward. Harvesting of the main wheat crop will not be general in this area for two to three weeks, so the prospect is very indefinite and unsatisfactory.

Reports on the potato crop in the Maritime Provinces are not as optimistic as they were earlier in the season or at this date last year. Excepting the eastern third of Nova Scotia, the prospects for small grains and hay are very good. The development of fruit in the Annapolis Valley and elsewhere is quite satisfactory. In Quebec and Ontario a long period of hot weather with ample rains has quickened the growth of all crops so that prospects remain very good. A large hay crop is promised but the quality may be lowered by weathering. Winter wheat yields are not living up to expectations in western Ontario.

Rust has so severely infected the  $1\frac{1}{2}$  million acres of bread wheat in Manitoba that only a very light yield of poor quality grain can be expected. The infection on the remaining 1 million acres of Durum wheat remains slight and less damage to this type is indicated. The coarse grains are also rusted and the outcome is uncertain. Hay and pastures are showing fine growth. Rust and drought are causing serious reductions in Saskatchewan crop prospects and the weather of the next two to three weeks will have a very important bearing on the ultimate yield. In large areas running through the centre of the province from north to south, crop conditions remain very promising. In Alberta, the southern and some central areas will harvest light crops, but good prospects persist over the remainder of the province. British Columbia experienced a long heat wave that was mainly beneficial to crop growth. A good rain is needed at present.

### The Maritime Provinces. -

On Prince Edward Island, a heavy hay crop is more than half saved under ideal weather conditions. Potatoes promise a below-average crop but growing conditions for the grain, vegetable and fruit crops are very satisfactory. In contrast, the weather in eastern parts of Nova Scotia has not been favourable for haying and the crop will be below average. Pastures are in only fair condition but all other crops are growing satisfactorily. Conditions for the development of fruit in the Annapolis Valley continue very favourable. Potatoes are not generally promising in New Brunswick, with the weather favouring blight. Roots and early grain are not promising. Pastures and late grain were improved by the heavy rain a week ago.

### Quebec. -

The weather of the past fortnight has been generally favourable for growth, but haying has been delayed, with consequent lowering of quality, by the frequent showers. Flooding has caused some loss to cereals on poorly-drained lands, but otherwise the small grains and hoed crops are growing splendidly. Fruit crops are making fine progress.



Ontario. -

Excellent growing conditions for pastures and late spring grains prevail, but the showery weather is interfering with the hay harvest. Over most of the province, a fine hay crop is indicated, some fields in eastern Ontario being especially heavy. The spring grains are very promising throughout the province, but disappointing yields of winter wheat are the rule in western Ontario. Pastures are good and improving and the growth of corn is also quickening under almost ideal weather conditions.

Manitoba. -

The serious ravages of rust overshadow all other factors in the Manitoba crop situation. Conditions have been practically ideal for the spread of infection. Wheat harvesting will not be general for two or three weeks and in that time, the yield and grade of common or bread wheats throughout the province will be drastically lowered. Many fields will be a total loss. Durum wheat, oats and barley are also affected but losses in these types will not be so serious. The harvesting of a heavy hay crop is continuing and pastures remain very good.

Saskatchewan. -

The spread of rust in eastern Saskatchewan and the widening of the drought area in the west indicate a definite lowering of crop prospects during the past week. The rust situation in Saskatchewan is not hopeless and the weather of the next two or three weeks may reduce losses. Infection, however, is severe and the crops extremely vulnerable so that considerable damage is evident already. A definite decline in crop prospects in the north-west and south-west is reported due to high temperatures and the continued lack of moisture. Considerable damage by winged grasshoppers in comparatively small areas is reported. Pastures are holding up well but need rain. Hail losses during the week were quite small.

Alberta. -

Crop prospects were fairly well maintained in Alberta during the past week with continued deterioration in the south being offset by improvement elsewhere, especially in the area between Edmonton and the Saskatchewan border where a heavy and much-needed rain fell. The continued hot weather was beneficial north of Calgary where moisture is fairly ample but caused a further decline in prospects further south. Another severe hail storm hit the Calgary-Macleod area while hail was also reported from the Killam and Wetaskiwin areas. Grasshoppers are causing damage in the south and around Hanna and Consort and rather general sawfly damage is expected later. Feed and pasture prospects remain very favourable.

British Columbia. -

A period of high temperatures that lasted for ten days hastened the maturity of all crops but caused some damage to apples and berries. Recently, the weather has been dull and cooler, with light showers. A general and heavy rain would be welcome. Spring grains are promising and the fall wheat harvest has begun. The shipping of early apples, apricots, peaches, blackberries, tomatoes and cucumbers is now active.



Reports of Dominion Entomological Laboratories, Prairie Provinces.

Dominion Entomological Laboratory, Brandon, Manitoba.

Slight head damage by hoppers to oats and barley in western Manitoba. The majority of hoppers are now adult and egg laying is commencing.

Dominion Entomological Laboratory, Saskatoon, Saskatchewan.

Peak of poisoning for grasshopper control now passed although noticeable damage still continuing. Winged grasshoppers becoming conspicuous in some areas.

Dominion Entomological Laboratory, Lethbridge, Alberta.

Grasshoppers causing some losses from Hanna to Consort and in extreme south, stripping leaves and heads from the wheat. Wheat stem sawfly fairly abundant over south half of Alberta and general damage may be expected later.

Hail Damage

Manitoba. -

Some hail reported 26th Wadena, Notre Dame, Myrtle and south of Clearwater. Damage not heavy.

Saskatchewan. -

Losses reported covering a small area in country south of Swift Current, around Pennant as result of storm of July 24th, and adjacent to Milestone and Kronau storm July 25th. No other losses reported during week.

Alberta. -

Claims received in past week from Killam and Wetaskiwin areas, Okotoks, Parkland and Barons. Three quite severe storms.

Meteorological Report, Prairie Provinces.

The following report from the Dominion Meteorological Service, Toronto, gives rainfall (in inches) in the week ending at 7 a. m. Monday, July 29, 1935:

<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>	
Portage la Prairie	0.1	Lloydminster	- 0.1	Cardston	- 0.1
Cypress River	0.1	Humboldt	- 0.1	Stettler	0.2
Russell	0.2	Melfort	- 0.1	Macleod	0.2
Emerson	0.2	Kamsack	- 0.1	Drumheller	0.3
Winnipeg	0.2	Assiniboia	- 0.1	Coronation	0.3
Virden	0.3	Indian Head	- 0.1	Edmonton	0.5
Boissevain	0.3	Moosomin	- 0.1	Brooks	0.6
Le Pas	0.4	Yorkton	- 0.1	Foremost	0.7
Pierson	0.4	North Battleford	- 0.1	Calgary	0.7
Swan River	0.7	Empress	0.1	Beaverlodge	0.9
Morden	0.7	Mindemulsi	0.1	Medicine Hat	0.9
Minnedosa	1.0	Swift Current	0.1	Red Deer	1.0
Dauphin	1.5	Elbow	0.2	Vegreville	1.3
Brandon	2.3	Regina	0.3		
		Conrad	0.3		
		Estevan	0.3		
		Qu'Appelle	0.4		
		Yellow Grass	0.4		
		Macklin	0.5		

NOTE: The minus signs denote less precipitation than the amount indicated.

Traces of rain were also recorded at Broadview, Saskatchewan.

The temperatures were again high being 8 or 9 degrees above normal in Manitoba and the park belt of Saskatchewan, 6 degrees above normal along the C.P.R. main line to Swift Current and from Coronation to Edmonton to Jasper. Medicine Hat and Calgary were 5 degrees above normal and the Peace River district 1 to 4 degrees above.



REPORTS OF COPRESPONDENTS.

PRINCE EDWARD ISLAND

Provincial Department of Agriculture, Charlottetown.

Haying well advanced; crop good average and saved in excellent condition. Grain crops showing fine promise. Oats now shooting into head. Roots and potatoes show vigorous growth. No evidence of disease up to present.

Dominion Experimental Station, Charlottetown.

Two-thirds of an inch of rain on 23rd very beneficial. Hay-making more than half completed. Weather ideal. Crop heavier than estimated. Cereals heading and very promising. Roots and corn excellent. Late potatoes slow, some miss, crop below average. Grasshoppers prevalent in southern Queens and Kings Counties. Fruit and vegetables promising.

NOVA SCOTIA

Provincial Department of Agriculture, Halifax.

All crops variable with decided shortage in Cape Breton and two eastern counties of mainland where little rain has fallen for a month. Crops in remaining two-thirds of province fair to good. Hay will probably yield ten per cent less than average and about twenty per cent above last year. Grain generally excellent except in eastern area where it is very short and may be failure unless rain comes. Roots extensively injured by cutworms and field beetles but surviving crop good; will probably give average yields. Potatoes fair to good. Pastures in two-thirds of province fair to good but very short in east. Apple crop estimated about equal to last year.

Dominion Experimental Station, Nappan.

Prevailing weather up to date most unfavourable for curing hay. Hay-making well under way; upland below average. Grain, roots, corn and potatoes making satisfactory growth. Pastures fair.

NEW BRUNSWICK

Dominion Experimental Farm, Fredericton.

Poor catch new seeded fields. Winter killing and dry spring has reduced hay yield. Rain timely during June and July. Pastures excellent for this late in season. Early grain poor due hail damage. Late grain vigorous. Roots-stands thinned by cutworms. Potatoes poor stands. Apples heavy drop; fair crop.

Supervisor of Illustration Stations, Fredericton.

Hay an average crop; less clover, more weeds. Poor hay-making weather. Potato fields generally not promising. Potato bugs very plentiful. Weather favours blight. Grain and root crops improved by rain night of 23rd. Very few making progress with hay.

Dominion Entomological Laboratory, Fredericton.

Potato insects somewhat troublesome. Other field crops in fair condition. Bronze cutworm moths beginning to emerge in numbers.

QUEBEC

Provincial Department of Agriculture, Quebec.

During the last fortnight weather has been generally favourable but haying has been delayed by frequent showers. In some places cereals are affected by excess of moisture in poorly drained low lands. Haying is pretty well advanced in western part of the province and is progressing normally in the east. The recent warm weather has stimulated the growth of late-sown crops. Lodging has caused local damage in the western part of the province and hail has caused damage in Chateauguay and Ottawa Valley.



Provincial Entomologist, Quebec.

Several insects have terminated activities for the season. There remain in gardens doryphore, flea beetle and cabbage worm. Flea beetles also in great numbers on peas and apple trees. Several bad cases of rust in celery. Weeds in abundance even in meadows where growth has been thin. Haying has generally begun too late.

Dominion Experimental Station, Lennoxville.

Haying well advanced; crop about average. Early-sown oats in dough stage. Prospects of all grain fair to good. Corn, roots and potatoes good. Strawberries finished. Raspberries commencing; prospects light crop. Apples sizing well. Pastures excellent. Weather conditions ideal.

Dominion Experimental Station, Farnham.

Fifty per cent haying done. Timothy better than last year. Clover deficient. Oats and other grains doing well. Corn good. Garden crops good. Tobacco looks patchy; some very nice, other very poor. Damage by hail on the twentieth. Pasture good.

Dominion Experimental Station, Ste. Anne de la Pocatiere.

2.82 inches precipitation recorded, delaying hay harvesting which is getting quite ripe. Much poor hay was stored. Field above average. Grain crops on poorly-drained farms suffered from too much water; doing fine on well drained land also potatoes and hood crops. Pastures benefited greatly by heavy precipitation. accompanied by warm weather. Milk production certainly above previous years at same time.

Dominion Experimental Station, Arns.

Haying under way in district. Clover short and thick. Timothy excellent. Very little red clover. Pastures excellent. Milk production high. Grain late; in good shape. Potatoes very good; all in flower. Ideal temperature for growth. Vegetables very good. Neither insects nor disease to date.

ONTARIO

Provincial Department of Agriculture, Toronto.

Fall wheat is not yielding as well as the appearance of the crop indicated and on many fields the quality is poor. Rust and heat have caused shrunken grain. Barley, wheat and early oats are being harvested in most sections of the province and haying is not yet completed in eastern Ontario. From twenty-five to fifty per cent of the hay crop is not yet in and farmers are hard pressed to keep up with their work. Alfalfa is ready for second cutting in western Ontario. A considerable amount of damage has been caused over a wide section of the province by lodging of spring grains owing to heavy rains. Pastures continue fairly good and milk production is normal. Growing conditions are excellent for late crops.

Dominion Entomological Laboratory, Stratford.

Recent heavy rains have delayed wheat harvest. Some oat fields flattened. Some hay still in the field. Crop growth excellent. Insect conditions normal and under control.

Dominion Entomological Laboratory, Chatham.

Threshing of wheat shows yield will not be as high as previous report indicated. Other grains will be fair. Oats cutting general with some loss from lodging. Beans, corn, sugar beets and other root crops progressing favourably. Army cutworms of various species have in the aggregate inflicted small losses to sugar beets, clover and other crops. Alfalfa and clover crops have sustained some injuries from cutworms and other insects.

Dominion Experimental Station, Harrow.

Heat wave of past two weeks matured crops very rapidly. Wheat harvest practically completed and oat harvest well along in western Ontario. Wheat threshing under way with average yields reported. Very good prospects for excellent corn and



tobacco crops. Harvesting of flue tobacco and topping of burley tobacco in progress.

#### MANITOBA

##### Dominion Experimental Station, Morden.

Wheat drying up; will cut next week. Heavy storms flattening crop. Wheat heavily rusted. Yield and grade will be appreciably lowered. Marquis wheat so badly damaged by rust in many places will not be worth cutting. Oats and barley not heavily attacked; will avoid heavy damage.

##### Telegraphic Correspondent, Melita.

Weather last week hot and muggy. Hard wheat total loss by rust. Durum wheat and coarse grains slightly rusted; depends entirely on weather conditions whether these crops will mature. Several farmers started cutting rye.

##### Dominion Experimental Farm, Brandon.

Rust is taking a heavy toll over a wide area and thousands of acres of common wheats will not be worth harvesting. Early barley, though badly rusted, is filling fairly well. Rust is increasing more slowly on Durums. Crown rust on oats will likely take a heavy toll in late crops.

##### Agricultural Representative, Teulon.

Rust damage very severe. Some wheat will not be worth cutting and only Durum seems to be withstanding rust. Oats rusted except Anthony and some will be reduced in yield. Barley seems only lightly affected. Pastures are good. Hay good and haying now proceeding rapidly. Potatoes are poor.

##### Agricultural Representative, Dauphin.

Rust has developed very fast, with weather remaining ideal for its spread. All wheat rusted but oats and barley carry relatively little infection. Reward wheat by its earlier maturity may escape worst damage but unless weather changes Marquis, Ceres and Garnet are doomed. Harvest will not be general for two weeks.

#### SASKATCHEWAN

##### Provincial Department of Agriculture, Regina.

Present crop prospects vary greatly in different parts of the province. In the south-eastern, Regina-Weyburn and east-central areas, wheat stands are generally heavy. Rust, however, is present in a great many places in this part of the province and its development in the southern portion of this area has been rapid and some severe losses in yield are anticipated, but at other places the crop outturn depends upon the weather between now and harvest, good yields in many parts being in prospect if future weather conditions prove unfavourable to rust development. In the south-central, central and north-eastern districts, crops are generally reported good, although in several places where reserves are low the crops would be greatly benefited by more moisture. In south-western and west-central Saskatchewan, moisture conditions throughout the season have shown considerable variation and as a result in some of the more easterly and northerly portions crop prospects range from fair to good, while in the area adjacent to the Alberta boundary and in many sections of the south-west crops are generally reported from poor to practically a complete failure due chiefly to hot and continued dry weather. Recent hot weather and lack of moisture have caused some deterioration in crops in the north-western portion of the province where they are now reported as only fair. A good rain in that area would greatly improve conditions. In the Regina-Weyburn and south-central districts, about 90 per cent of the wheat is in head and around 95 per cent in the west-central portion. In other parts of the province practically all the wheat is headed out. Grasshoppers have largely reached the winged stage and some considerable damage has been done in lighter crops in comparatively small areas but taking the province as a whole the injury so far has not been great. The weather during the past two weeks has been generally hot and dry with some scattered thunder storms. Live stock are in good condition but pastures, while for the most part good show the need of rain in several districts. Summerfallowing is nearing completion.



Dominion Experimental Farm, Indian Head.

Considerable increase in severity of stem rust infection on common wheat at Indian Head past week. Probably damage to Marquis and Reward about fifteen per cent. At present Durums and oats slightly affected. Barley affected to much the same extent as common wheat. Light infection of leaf rust of oats has developed during the past few days. Severe rust infection throughout south-eastern Saskatchewan. Alameda approximate centre of heaviest infection tapering off to slight damage in the Regina area. Hot winds hastening maturity. Hay crops good. Pastures drying up.

Dominion Experimental Station, Swift Current.

All grains fully headed. Continued hot weather depleting moisture reserves. Crops turning slightly at base of plant. Heavy showers benefiting late crops. No grasshoppers. No rust. Hail severe in localized areas. Pastures good. Live stock condition good. Rye being cut.

Supervisor of Illustration Stations, Swift Current.

Weyburn District. - moisture has been sufficient for favourable growth. Stand of grain good. Most of wheat in milk or soft dough. Rust infection developing. Radville District. - moisture condition favourable. Grain a good stand, particularly on fallow. Wheat in milk or soft dough. Some rust infection.

Dominion Experimental Station, Rosthern.

Weather continues hot and dry. Yields materially reduced and growth practically stopped. Storm on twenty-fourth not general. Less than a quarter inch of rain. Some hail reported with storm. Damage scattered but some reported as high as forty per cent. Some wheat and oats lodged after rain.

ALBERTA

Dominion Range Experiment Station, Manyberries.

Over two inches of rain in past week here; other districts not so favoured. Later crops have good prospects. Range pastures making second growth. Fall rye seventy-five per cent harvested. Numerous thunder storms; but no general rain.

Dominion Experimental Station and Supervisor of Illustration Stations, Lethbridge.

In the immediately vicinity of Lethbridge no rain during past week and hot weather with dry winds have not been beneficial. From Nobleford north to Calgary needed rain has improved prospects though hail occurred in restricted areas. Crops generally in southern part of province very spotted with a particularly good spot near Foremost. Harvesting of winter rye well advanced; crop fair to poor.

Dominion Experimental Station, Lacombe.

Warm with showers on four days to total .85 inch. Good growing weather for stubble crops but in many places high winds and heavy rain, with some hail, have badly lodged heavy crops on fallow or breaking. Making very slow progress harvesting heavy crop of hay.

Telegraphic Correspondent, Stettler.

Weather for past week very hot and dry. Need rain badly. Crops maturing too quickly. Crop about seventy-per cent normal. Weather conditions would change prospects very much. Pasture good.

Telegraphic Correspondent, Edmonton.

Hot weather first few days this week. Rapid growth. Wheat now well headed. Coarse grains good stand. Good steady rain yesterday. Clear with wind today. Hail reported in the Leduc district; expect quite a little damage.

Telegraphic Correspondent, Vermilion.

Since last report two thunder storms with result three inches rain. Storm accompanied with high wind of fierce velocity. Slight hail; not much damage. Moisture will help late crops. Too late for large portion of grain. Garden produce greatly



benefited.

Dominion Experimental Sub-station, Beaverlodge.

A fortnight of dry and fairly warm weather has been followed by nearly another inch of rain. Crop pretty good but a week or ten days late. Some areas flooded or yellowed by excessive wetness.

BRITISH COLUMBIA

Provincial Department of Agriculture, Victoria.

There has been a steady run of high temperatures during ten-day period ending July twenty-fifth. This has had the effect of advancing growth of all crops very rapidly but has also caused some damage to apples as well as the raspberry crop by sunburn. The past three days have been dull and cooler with light showers in the interior and coast sections. A good rain would now be of value as evaporation of soil moisture has been rapid. Grain crops looking good. Fall wheat ripening fast and some cutting has been done. Oats are beginning to color. Second crop alfalfa is well advanced. Yellow transparents and Duchess apples moving. Loganberries and raspberries have passed peak. Blackberries, apricots and peaches just commencing to move. Vegetables doing well. Semi-ripe tomatoes and cucumbers being shipped. Hop plantations showing excellent growth and development.

Dominion Entomological Laboratory, Victoria.

Recent hot weather detrimental to spring grain and pastures. Apples sizing up rapidly and early apples now being marketed. Raspberries nearly over and logans being picked; light crop. Earwigs very destructive to garden crops in urban areas; otherwise no serious insect injury to report.

Dominion Experimental Station, Sidney.

Season very dry. Weather for most part cool. Fall-sown wheat fairly good. Spring-sown cereals only fair. Cherry crop poor. Pears, apples and plums good. Flower and vegetable seed crop maturing favourably. Main crop potatoes suffering. Corn fair. Small fruits about over; fair yields obtained.

Dominion Experimental Farm, Agassiz.

Last two weeks dry and warm. Late, medium crop hay saved in good condition; second crop shows fair promise. Oats improving; earliest changing colour. Ensilage corn good. Pastures fair and stock looking well. Rather light crop raspberries harvested under ideal conditions.

Dominion Experimental Station, West Summerland.

Heat wave has caused rapid growth of crops. Soil moisture conditions good. Second crop alfalfa harvested southern Okanagan. Heavy rains have lodged grain north Okanagan. Local hail storms Summerland reduced grade of fruit slightly. Cherry shipments practically completed. Apricots and tomatoes moving; quality good.

Dominion Experimental Station, Lake Windermere.

Rainfall has been patchy during July; some districts getting plenty. Crops late but above average yields are promised. First crop hay about harvested. Fall wheat ready for cutting. Spring grains improving. Range and pasture lands in good shape and no shortage of irrigation water.





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