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This is the last of the 1954 series of eight telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the thirteenth of a series of fourteen telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Federal and Provincial Departments of Agriculture, private crop observers and grain men supply the information on which these reports are based. The weather data included in this release are furnished by the Meteorological Division, Department of Transport.

SUMMARY

Weather conditions in the Maritimes for the past two weeks have been ideal for harvesting. About half the grain has been harvested and yields have been average or better. The potato crop is holding up well in Prince Edward Island, late blight threat having been reduced because of dry weather. In New Brunswick blight is definitely affecting the late crop and yields will be reduced. The early potato crop in this province, however, yielded well. The Nova Scotia potato crop is good and apple prospects are better than expected earlier.

Haying has been completed under poor conditions. Yields have been good but the hay is of medium quality only. About 30 per cent of the grain crops has been cut but volume is somewhat reduced from beating down, lodging, rust and smut. Pastures are lush and milk flow abundant except in the Three Rivers area. Potatoes, corn and tomatoes have been adversely affected by cool rainy weather. Other vegetables are developing and ripening well. The tobacco harvest is nearly over and yields have been satisfactory. The blueberry crop has been large but prices are low.

Continued wet weather throughout most of Ontario has further delayed the harvesting of spring grain, and much of the crop still remaining in the field is badly weathered. Tobacco and tomatoes are ripening slowly due to the lack of warm, sunny weather, with resultant delay in harvesting. Soybeans are also maturing slowly and some rust is reported in the white bean crop. However, pastures hay aftermath, corn and sugar beets have continued to improve and are now in good condition. Harvesting of late potatoes is progressing rapidly. Fall cultivation is now under way where conditions permit, with most farmers concentrating on the preparation of land for fall wheat.

Excessive rains, rust, hail and sawfly damage have all contributed to serious deterioration of crop prospects in the Prairie Provinces

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

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since early August. Heavy general rains are still delaying crop maturity. Fields in most areas, even where crops are ready to cut, are too wet to carry harvesting machinery. Harvesting is very late throughout the West, with many crops still immature and subject to frost damage. Apart from Manitoba where 25 per cent of the threshing is completed and southern areas of Saskatchewan and Alberta where fair progress has been made, very little harvesting has been accomplished to date. Rust has seriously reduced yields over wide areas of Saskatchewan, Manitoba and, to a lesser extent, eastern Alberta. Threshing returns to date indicate sharp reductions from earlier indications in both yield and quality.

In British Columbia the weather has been generally cloudy with above normal precipitation during the past three weeks. In the Lower Fraser Valley growth has hampered harvesting of grain crops and slowed development of such crops as corn and beans. Oats promised good yields but are now badly lodged. In the Kamloops, Armstrong and Vernon districts, cool, moist weather has greatly retarded operations, with about half the crops harvested. Yields of wheat, oats and peas are expected to be heavier than average in these districts. In the Prince George and Central interior sections, cool, cloudy weather has made haying very difficult, retarded maturity of grains and caused considerable lodging. Yields of hay in the area are above average but the quality is generally poor. In the Peace River Block cool, showery weather has retarded ripening of crops and harvesting operations. Heavy yields are indicated for most crops. Barley and rye are quite well matured and harvesting is in progress. Most wheat, oats and flax crops in the district will need about two weeks of frost-free weather to reach maturity.

Maritime Provinces Excellent harvesting weather has prevailed during the past two weeks in Prince Edward Island. At least 90 per cent of the grain is cut with over half stored. Yields are about average but severe lodging has been responsible for some grain of poor quality. Potatoes are holding up well with a few early fields being harvested with satisfactory yields. Late blight is quite prevalent but dry weather has stopped development of this disease. Root crops are doing well.

The weather has also been fine in Nova Scotia and harvesting of grain is in full swing with good yields being obtained. Haying is practically completed although some second-crop grain silage is still being put up. The potato crop is above average, pastures are good and the apple crop is higher than expected. Harvesting of potatoes will begin shortly and picking of Gravenstein apples is under way.

About half the grain has been harvested in New Brunswick to date. Average yields are being reported with some loss due to lodging. Blight has seriously affected most of the late potato crop and will reduce yields. The early crop has been harvested and yielded well with tubers of good size and quality.

Quebec In the St. John area south of Montreal, vegetable crops are generally below normal in growth and yield. Cereals are now being harvested, with yields varying from poor to fair. Sugar beets are in fine condition with good yields in prospect. A heavy rain on August 31 (2.35 inches) improved this crop and was also of benefit to carrots, potatoes and corn. However, yields of the latter crops will be below normal. Farther east at Lennoxville harvesting of cereals started around August 25. Yields are poor and the grain light in weight. Aftermath is good and pasture is fair. The corn crop is poor.



East of Quebec City at St. Anne de la Pocatiere, haying is just completed, with the crop stored in poor condition. Army worms caused light damage to cereals in the Matapedia and Rimouski areas. Early-seeded grains have been harvested with low yields. Grazing is still good in pastures. Potatoes promise good yields, with no severe blight noted. Vegetable crops, however, are generally poor. Farming operations have been delayed by persistent rainy weather.

In the Lake St. John area weather has been cold and showery during the last few weeks with rain nearly every day and crop maturity has been retarded. A few farmers have harvested cereals but most grain fields are still in the green stage. In the Grande Bergeronnes and St.-Urbain districts barley is about ready to cut in some districts but oats will require another eight days for early seedings and 20 days for late seedings. Pastures are only fair but aftermath is good.

Ontario Frequent rains have delayed harvesting of spring grains in Simcoe County but have improved pastures, second-cut hay, corn and potatoes. Harvesting is about 95 per cent completed south of Barrie and 65 per cent completed north of this point. Many farmers on heavy land have done no threshing to date and some grain is not yet cut. There has been excellent growth of pastures and aftermath following the breaking of the drought in July but the condition of new seeding is uncertain, with much damage from drought, army worm and stook smothering. Acreage seeded to fall wheat is being limited by wet weather.

Harvesting operations have also been delayed by intermittent rains during the last two weeks in Wellington County. However, about 70 per cent of the grain has now been threshed with only average yield and quality. Pastures, root crops and seedings of rape for pasture have grown well and are now in excellent condition. Buckwheat and corn have been touched by frost in some of the low-lying areas, with buckwheat the most seriously affected. Fall wheat land and stubble fields are now being cultivated after having been delayed by dry weather. Recent rains have also been very beneficial to pastures in Waterloo County and the corn crop in that area now looks more promising. Farmers in Halton County have now completed harvest of the spring grain crops with fair to good yields and fair quality. Seeding of fall wheat is now in progress on an area slightly below normal. Recent showers have been helpful but more are needed. Pastures are very short, new seedings are generally poor and corn is below normal.

Harvesting of fall wheat and spring grains has been completed in Middlesex County, with both yield and quality satisfactory. Land for fall wheat is being prepared but the acreage will be down from last year because of lower price and dry soil conditions. Recent showers have helped sugar beets, corn, beans and potatoes, but a general rain is needed. Tobacco harvesting is about half completed but the crop is maturing slowly. Pastures are short and there is little second-cut hay.

Recent rains in most districts of Essex County have greatly improved the prospects for late crops such as corn, soybeans, canning tomatoes and tobacco. Harvesting of canning tomatoes is now under way but progress is slow and quality only fair. Corn is developing well in most areas, particularly where recent rains have been received. Some early-sown soybeans appear to be ripening prematurely and yields may be reduced. Pastures are still very short. About one-half of the flue cured tobacco and one-fifth of

the burley crop have been harvested. Peach harvesting is well advanced. Work on fall wheat ground is being delayed by dry conditions. Prospects for soybeans on Pelee Island have improved and early crops are beginning to ripen. Although maturity is later than usual the vines are well podded. Preparation of land for fall wheat is well advanced. Moisture supplies are fair and pastures good.

In Kent County drought conditions remain virtually unbroken. Crops are maturing rapidly but quality is below normal. Pastures are very poor and supplementary feeding is general. The Dominion Entomological Laboratory at Chatham reports that the grasshopper population is above normal but that the European corn borer population may be lowest in years. Leaf hopper injury to beans has been moderate to severe. In Norfolk County harvesting of spring grains has been completed and land is being prepared for fall wheat. Although yields of spring grain were below average no shortage of feed is indicated. Corn is growing well and good yields are anticipated. Prospects for soybeans are also good and late potatoes will likely yield heavier than expected earlier. Tobacco is ripening slowly, with about half of the crop harvested. There is an abundant crop of peaches and yields for other fruits are expected to be fairly good.

Rainfall at Vineland in the Niagara Peninsula during August amounted to 6.8 inches, the greatest in over thirty years, with 5.3 inches falling in the last week of the month. Harvesting of mid-season peaches is well advanced and while the crop is comparatively free of insect damage, brown rot has been troublesome. Some apple scab infection is developing where early control measures were incomplete.

Threshing of spring grains in Leeds County in the eastern part of the province is nearing completion, with yields average or better. Prospects for corn and soybeans are average. Moisture supplies are good and pastures are excellent. Picking of early apples is in progress, with below average yields, and quality reduced by scab. Normal progress is being made with after-harvest cultivation and preparation of land for fall wheat. Threshing and combining is well advanced in Dundas County, with good yields of spring grains reported. Recent heavy rains have been beneficial to pastures, new seedings, fodder and grain corn. Considerable after-harvest cultivation has been done.

Heavy rains at the end of August and again on September 6 have seriously delayed threshing in Renfrew County where only about 60 per cent of the crop has been threshed. However, the rains have assured farmers of a plentiful supply of fall pasture and have made fall ploughing much easier. Most grain not yet cut will have to be combined as it is badly lodged. The quality of much of the crop is below average due to rust, army worm damage and weathering. Cool weather has retarded the growth of corn.

Harvesting of grain crops got under way in northern Ontario districts about the first of the month but has been delayed by frequent rains. Aftermath and pastures are in very good condition. Our correspondent at Kapuskasing reports the first fall frost recorded on September 6.

Manitoba Heavy general rains over last week-end have held up harvesting in Manitoba but operations should commence again by the latter part of this week. Swathing is well advanced with 25 per cent threshing completed except in the Swan River area where only a start has been made. Yields vary greatly and both yields and grades are generally disappointing. The bulk of



the wheat is grading 3 to 5 Northern and barley is mostly in the Feed grades. Flax could yield well if good weather prevails for two weeks. The same applies to sunflowers and corn. Peas are a good average crop and sugar beets are expected to reach a record outturn of around 200,000 tons. Fortunately, most of the hay has been gathered. Pastures are in good condition and fall tillage has started in some districts.

In southwestern Manitoba at Vita harvesting has been held up by rain. About 25 per cent has been threshed to date with durum wheat yielding 2 to 10 bushels; Selkirk 25 to 30 and other wheats 10 bushels per acre. Barley is light in weight and yielding about 20 while oat yields approximate 30 bushels per acre. Our Melita correspondent reports over 2 inches of rain over last week-end. The rye harvest is over with yields about 20 bushels per acre. Threshing of other cereals is about half completed but flax is not ready yet. Wheat yields are averaging 12 bushels per acre and oats and barley 20.

About one-third of the cereals around Winnipeg has been cut or swathed but very little has been threshed owing to wet weather. Wheat threshed to date varies from fair to poor in quality, with yields varying from 10 to 25 bushels. Potatoes have been attacked by late blight and are below average. Sugar beets are doing well. Only 20 per cent of crop has been harvested at Selkirk north of Winnipeg. Wheat yields are averaging around 15, barley 20 and oats 35 bushels per acre. No fall ploughing has been done so far. The late potato crop is being harvested with yields around 200 bushels per acre.

The sugar beet and pea crops are good in the Portage la Prairie district. Cereal crops, however, have been badly hit by rust. Durums and Thatcher wheat are very poor samples, oats are badly rusted and barley, though better than last year, is also light in weight. Wheat is averaging 17 bushels and grades vary from 2 to 5 Northern. Some oats weigh only 22 pounds per bushel. Pastures are good.

The Experimental Farm at Brandon also reports a delay in harvesting due to wet weather. About 85 per cent of the crop is in the swath and 15 per cent has been threshed. Prospects for late-seeded grain have been improved by recent rain. The outturn of grain is varying widely, with yields and quality well below average. Much late-cut hay still remains in the fields and has been badly spoiled by rain. Pastures are good. There has been no frost damage to date.

In the Interlake area at Teulon, wheat has nearly all been swathed but it is impossible to get on the land because of excessive rains. Some fields will not be harvested due to army worm damage. Prospects for late crops have gone down badly and the quality of grain harvested to date is poor. Cold, wet weather at Arborg has also delayed harvesting. Sixty-five per cent of the grain has been cut but combining has just started. Army worms and rust have reduced yields from 40 to 70 per cent in some districts. Harvesting will be general again as soon as weather permits. Pastures in this district are fair to good.

In central Manitoba at Neepawa, about half the grain has been swathed and the remainder is not mature because of late seeding. Approximately 5 per cent of the swathed grain has been combined and considerable variation is showing up in yields and quality. Wheat is grading mostly 3 and 4 Northern and yields are poor. Hail damage has been considerable in some localities. A good tonnage of hay has been put up and pastures are in good condition.

Flax stands are very disappointing in this district. At Minnedosa harvesting is also **currently** held up by rain with cereals about 50 per cent cut and 4 per cent threshed. Most of the standing crop requires about one to three weeks of dry, frost-free weather **to ensure maturity**. Yields and grades are below normal due to rust damage and in many sections because of hail. Our correspondent from Shoal Lake reports harvesting well under way but heavy rains have delayed operations temporarily. Rust damage is extreme in non-resistant varieties of wheat.

In northern Manitoba at Dauphin rains have also delayed harvesting for a few days. Most early-sown crops are in the swath and threshing will be general when the weather clears. Wheat is grading No. 4 to 5 with some 3 Northern. Some barley is making the malting grade but oats have a very light bushel weight. All grain samples are very dirty. Late-sown coarse grains and flax are still green and will require two weeks of frost-free weather for maturity. Estimated yields of wheat and barley are 12 to 15 bushels, oats 22, and flax 8. Rust and flooding have decreased yields in this area by 40 per cent. Very little harvesting except for fall rye has been done in the Swan River area and swathing is now being held up by the heavy week-end rain. The wheat crop is lighter than expected because of rust and late-seeded crops are still very green. No frost damage has occurred yet. Blight is heavy on the potato crop. Bright sunny weather is needed to dry up the fields.

The Entomological Laboratory at Brandon reports that there are indications of a slight build-up of grasshoppers in the Red River Valley. A number of hail storms occurred in Manitoba in the past two weeks. On August 25 medium damage was caused in a strip from Sinclair to Butler to Pope and on the 21st from Lyleton to Deloraine and Boissevain and also at Kirkella to Two Creeks to Oak River. Heavy damage was caused from Russell to Binscarth and light damage from Basswood to Cordova. Light damage also occurred at several other points.

The average precipitation for the province since April 1 has been 39 per cent above normal as compared to 33 per cent above normal for the period ending August 16 and 31 per cent above normal for the same time last year. The mean temperature for the week ending September 6 was 4.4 degrees above normal as compared to 2.7 degrees above normal on September 14 a year ago and 2.2 degrees below normal for the week ending August 16 this year.

Saskatchewan Recent light to heavy rains over the entire province have caused further delays in harvesting operations. While cutting is under way in practically all districts, progress varies considerably. Wheat cutting is most advanced in the southeastern and south-central districts, where 35 per cent is cut. In southwestern and central districts about 15 per cent is cut while in east-central, west-central and northern areas less than 5 per cent is cut. Continued wet weather has prevented any advance with threshing, with less than 5 per cent threshed to date. Severe rust infection continues to cause sharp declines in prospective wheat yields and, combined with heavy sawfly activity, strong winds and hail, crops have been generally subjected to considerable losses. Present reports indicate wheat prospects may have been reduced by as much as 30 per cent and, with many fields late in development, further possible loss could occur from frost damage. Oats and barley have not suffered to any great extent and, although there have been some slight declines, generally favourable prospects have been maintained for these crops throughout the province. However, the season is late and it is doubtful whether many fields in the northeastern part of the province will be



sufficiently matured to escape possible frost losses.

Early crops around Manor in the southeastern part of the province have been either swathed or cut with the binder but no threshing has been done to date. Late crops are still green. Heavy hail and severe wind damage on September 1 caused further deterioration in yields. Indications are for a small crop of poor quality and there is danger that green crops will not mature before they are frozen. Rust has sharply reduced yields of late oats but most barley and flax would mature satisfactorily given warm dry weather. Very high winds on September 1 in the Indian Head district caused breakage of straw and loss of heads on rusted wheat. Heavy rains over the week-end caused further deterioration in yield prospects and additional harvesting delay. Swathing was general at the end of last week but very little wheat had been threshed. The average wheat yield for the district is now estimated at 10 bushels per acre with most of it grading from No. 3 to No. 6. Threshing of early barley is well under way.

Swathing of wheat is under way in the Swift Current district with estimated yields placed at 20 bushels per acre. Samples threshed to date show some shrinking due to root rot and rust and there has been a marked increase in sawfly damage. Harvesting of barley and oats is well under way with yields estimated at 40 and 50 bushels per acre respectively. Pastures remain green and growth has been excellent.

The weather remains cloudy and cool around Eastend in the southwestern part of the province. Although rainfall since August 2 has amounted to from 5 to 7 inches, the July drought caused more damage than was anticipated. Very little grain has been swathed or combined yet. Some wheat has been harvested and has graded No. 4. Drought, hail, rust, wind and rain have seriously reduced yields in this area. Late seeding and a slow growing season have made harvest unusually late in the Leader district. Swathing has just begun and despite rust infection yields are expected to be above average. Most crops are mature, thus reducing potential frost damage. However, warm dry weather is urgently needed to permit completion of harvesting operations.

Wet weather has caused further deterioration in crop conditions around Togo in the east-central part of the province. Swathing is 25 per cent completed but practically nothing has been combined. Early crops on light land have been affected by both heat and rust and the straw is breaking as a result of rust damage. Later wheat crops show some promise but a lengthy period of favourable weather is needed to speed maturity and permit harvesting. Very little cutting and swathing has been done in the Willowbrook district as a result of rains and heavy dews in the mornings. Rust has sharply reduced both yield and quality. Heavy rains on the night of September 6 will delay harvesting for about four days.

Most of the wheat in the Saskatoon area is badly rusted and lodged as a result of continuing wet weather. The Dominion Entomological Laboratory at Saskatoon reports sawfly infestation in central Saskatchewan being as high as 50 per cent in some fields. However, loss attributable to this cause is overshadowed by that resulting from rust and weather.

Harvesting in west-central Saskatchewan has been delayed by frequent heavy rains and only about 5 per cent of the wheat in this area has been cut to date. Yields are generally above average although wheat has been

reduced from earlier indications by 10 to 50 per cent by leaf rust and to a lesser extent by stem rust. Recent rain storms have added to the losses by shattering, twisting and lodging.

Conditions favourable to rust development have prevailed since the latter part of July in the Melfort area in the northeastern part of the province. Wheat has been seriously affected and average yields are estimated at approximately 10 bushels per acre. Barley has not been so seriously affected but quality will be poor. Oats are generally badly lodged and much will be harvested with difficulty if at all. No grain of any consequence has been harvested to date. Some barley is ready to cut but it is almost impossible to get on the fields with machinery. Given good weather wheat may be ready to harvest in ten days.

Heavy rain during the past week has again delayed field work in the Carrot River area. Many fallow fields in the district have not been worked and many grain fields are flooded. Fields are very soft and it is impossible to get on them with heavy harvesting equipment. Estimated average yields in the district are: wheat 10 to 18 bushels, oats 25 to 35 and barley 30 to 40 bushels per acre. Fall rye is ready to harvest but the land is very wet. The estimated yield for this crop is 20 bushels per acre. Sweet clover has a poor set of seed and late blight is attacking the potato crop.

Our correspondent at Meota in the northwestern part of the province reports that no harvesting has been done to date. Crops in the district are badly rusted.

Frequent hail storms of varying severity have been reported almost daily during August throughout Saskatchewan. The Saskatchewan Municipal Hail Insurance Association reports that aggregate losses are considerably higher than average and the worst in the Association's history. A severe hail storm on August 16 struck the area from Alsask through Coleville, Kindersley, Dodsland, Rosetown to Milden and Conquest. Among other points affected were Midale, Lampman, Carlyle to Maryfield on August 17; the district south of Willow Bunch, and Cardross, Spring Valley and Moose Jaw on August 20; Yellow Grass to Colfax on August 21; Glentworth, Lafleche, Woodrow and Central Butte on August 26; Touchwood, Kelliher, Melville, Lanigan and Saskatoon on August 31; Macklin, Luseland, Kerrobert and Biggar on September 1; and Fenwood, Perdue, Wakaw and Birch Hills on September 3.

Average precipitation for the province since April 1 has been 70 per cent above normal compared with 46 per cent above normal at August 16 and 37 per cent above normal a year ago (September 14). Mean temperature for the week ending September 6 was 4.0 degrees above normal compared with 0.9 degrees below normal for the week ending August 16 and 6.2 degrees above normal a year ago.

Alberta Harvesting operations are at a standstill over most of Alberta and cannot be resumed until the rain-soaked fields dry sufficiently to carry harvesting machinery. The situation is especially serious west and north of a line between Cardston, Calgary and Brooks to Athabaska. Heavy rains accompanied by high winds last week were very damaging, particularly in areas east from Edmonton and north to Athabaska. In southern areas up to 70 per cent of the wheat crop has been cut but only about 20 per cent has been threshed. Some early fields of barley are ready for harvest in most areas but



wet fields make operations impossible. It is estimated that even with fine weather, grain harvesting will not be general until the end of the month. Rust appears to be cutting yield prospects in some eastern areas but in general cereals are filling reasonably well despite the bad weather. Very little haying was completed in August and much of the first crop is still in the field. Summerfallows are in poor condition. Sawflies have caused serious damage in some southern areas and hail losses have been reported from a number of districts.

Wheat harvesting is in progress in the Manyberries district in southeastern Alberta while the oats and barley crops are almost completely harvested. Late rains, however, are delaying completion of fall work. Ranges are starting regrowth and live stock are in good condition. General rains during the last few weeks in the Lethbridge district have delayed harvesting of grain. Excessive moisture is causing some sprouting in the swath. Rust is reported in the Nobleford area but no damage is anticipated due to the advanced growth of the crops. Spring wheat yields in the south are averaging about 19 bushels per acre, with a sizable acreage of durum expected to yield as much as 25 bushels.

At Claresholm cool, wet weather during the last three weeks has retarded ripening, and many fields are still too green to swath. Harvesting will not be general for another week or possibly longer. Fields are too wet to carry heavy machinery. Fall wheat and fall rye are growing in the swath and the grade of these grains will be low. All fall grains have been swathed in the Cardston district in the extreme southwest of the province. Early swathed grain is sprouting. Combining has been delayed on several occasions due to heavy showers. Spring crops have improved and are now almost mature. There has been no frost damage to date and hail losses have been practically nil. Pastures are excellent.

In south-central Alberta, at Brooks, extensive rains have caused lodging and swathed crops are sprouting. Wild ducks are invading some fields. No spring grains are reported threshed as yet but some winter wheat is in the bin. Weed growth is quite heavy. Farther west at Vulcan 5 per cent of the wheat crop has been cut but rain is holding up work. At Hanna in east-central Alberta, heavy rains during the past three weeks have made it impossible to get machinery on the fields. Some wheat is ready to harvest, with other fields just turning. There is some evidence of rust. Yields and grades will be low. Most of the hay crop is of poor quality.

Crops are turning colour in the Calgary area but more warm dry weather is needed. Sprouting is occurring in swathed rye and barley. Harvesting is expected to be general in another ten days, with wheat yields estimated at 21 bushels per acre, oats at 45, barley 35, flax 15 and rye 20. The land is too wet to carry machinery and only a very small percentage of the grain has been cut. Heavy rains at Olds have delayed crop maturity and warmer weather is urgently needed for the next two weeks. About 15 per cent of the crop is now ready to cut but most fields are too wet to harvest now. Yields will be down considerably due to hail damage.

At Sedgewick in central Alberta harvesting should be general in ten days with wheat expected to average 20 bushels per acre, oats 40, barley 30 and rye 15. Most grains carry some rust infection and hot, dry weather is needed for ripening. In the Donalda district, crops are three weeks late with no cutting done as yet. Yield prospects are fair. Given good weather, cutting should be general in about two weeks' time.

Haying has been delayed by wet weather. Crops are also progressing slowly in the Stettler district, where rain and cloudy weather have hampered development. Some lodging of coarse grains has occurred. Harvesting should be general about September 25. Prospects are good for better-than-average yields but frost is a threat. Traces of leaf rust are evident.

In the Red Deer district, in west-central Alberta, continuous cool and wet weather for the past three weeks has delayed maturity and no cereals have been harvested to date. However, about 15 per cent of the barley acreage and the odd wheat field are ready to cut if the land were dry enough to carry machinery. Three weeks of clear weather are required to mature the bulk of the crop. Pastures are good but a high percentage of first-cut hay was spoiled by rain. There has been no second cut as yet. Similar conditions prevail at Lacombe. Because of wet ground seeding of winter cereals will be two weeks late in this district. Given a three-week period of dry, frost-free weather, a normal crop is in prospect for this area. Heavy rains have held up operations in the Eckville area. Swathing has just started although 35 per cent of the grain is ready to cut. Two weeks of good frost-free weather are required to mature late crops. Summerfallows are in weedy condition. Probable wheat yields are estimated at 25 bushels per acre, barley 33, and oats 42. Live stock are in good condition.

No harvesting has been done in the Vermilion district east of Edmonton. Weather has been very wet and rust infection is serious in many parts of the district. Wheat is not expected to yield over 15 bushels per acre. A recent storm badly lodged oats and left barley in only fair condition. Crops are still very green. Pastures are excellent.

Crops are very late from Morinville south to Edmonton and east toward the Saskatchewan border. West of Edmonton, continued rains have made ground too soft to carry harvesting machinery. In any case, less than 5 per cent of the cereal crops is ripe and harvesting operations will not be general before September 27. Hot, dry weather is urgently needed. Forty per cent of the hay crop is still standing and about 40 per cent is a total loss due to rain. Pastures and live stock are in good condition.

At Bonnyville in the northeast of the province excessive rains continue to delay ripening of all crops and frost damage is imminent. Fields are soaked and it is impossible to operate any type of machinery. Wheat has been considerably damaged by rust, and oats by lodging. Even with optimum conditions, below-average crops of poor quality are expected. At Falher in the Peace River area heavy rains have stopped harvesting completely. Forty per cent of the barley has been cut and 5 per cent threshed with good yields. Cutting of wheat and flax should start September 10 and oats later. No frost damage has occurred so far. Clover has been cut and, although not threshed yields are expected to be high. There was no set of alfalfa seed.

The Dominion Entomological Laboratory at Lethbridge reports wheat stem sawfly infestation severe to very severe in southern Alberta throughout the area south of the Old Man River. Up to 70 per cent of the stems has fallen in infested fields. There are also localized infestations around Nobleford, Lomond, and Empress. Wet weather is causing sprouting of fallen heads. Scattered hail storms during the past three weeks caused light to medium damage at a number of points in Alberta, with most losses occurring in southern and south-central areas.



Average precipitation for the province since April 1 has been 42 per cent above normal as compared with 20 per cent above normal for the period ending August 16, and 32 per cent above normal a year ago (September 14). Mean temperature for the week ending September 6 was 1.2 degrees above normal as compared with 6.9 degrees above normal a year ago (week ending September 14) and 0.9 degrees below normal for the week ending August 16 this year.

British Columbia Considerable rain for the past three weeks in the Creston area of the Kootenays has delayed harvesting of winter wheat and seed peas, with sprouting evident in the swaths of these crops. A large amount of second-cut hay has been of lower quality due to rain. Spring cereals are almost ripe and harvesting should start this week. Apples and pears are sizing well but the weather has been favourable for a build-up of apple scab. In the Peace River Block, cool wet weather has retarded ripening of crops and as a result harvesting operations are delayed. Prospective yields for most crops are heavy. Barley is quite well matured and about fifty per cent of the crop is cut. Rye is also well matured and harvesting is in progress. Most of the wheat, oats and flax will require about two weeks of frost-free weather to fill and ripen properly.

A report from Kamloops indicates that continued wet weather has halted haying operations. The hay situation is so serious in the Cariboo region that some ranchers are considering selling their breeding stock. Lower ranges are in excellent condition while forest ranges are saturated. Apples are sizing and colouring well. Hops are being picked on the green side. Canning crops are coming in slowly and canneries are only operating half-time. A report from the Entomological Laboratory at Kamloops states that there have been no serious outbreaks of insects. In the area around Williams Lake the hay harvest is at least fifty per cent below normal to date because of the inclement weather. A serious shortage of winter feed for beef cattle is anticipated. Cereal crops are generally very late. Range conditions in the area are excellent but native meadows are mostly flooded.

In the central interior around Prince George cool wet weather has rendered haying operations very difficult. Yields were above average but the quality poor. Maturity of cereal grains has been retarded and considerable lodging has developed.

Wet weather in the Summerland area made harvesting of third-cut hay difficult. There has been no hail damage to fruit in this area. Harvesting of peaches is almost completed. Picking of prunes and pears is also nearing completion and both crops show good quality. Prospects for the apple crop are excellent although there is scab in some areas. Tomatoes are ripening slowly. In the Lower Fraser Valley pastures are in excellent condition. Quality of second-cut hay was lowered by frequent rains. Coarse grains are lodged badly and sprouting. Threshing of canning peas is being rushed to completion. Canning corn is maturing extremely slowly. The potato crop is showing considerable blight and prospects for the tomato crop are poor.

A report from Saanichton on Vancouver Island indicates that August weather was characterized by low temperatures and high precipitation. The grain harvest has been delayed and there has been some lowering of quality. Yields of mid-season potatoes were satisfactory but blight is in evidence on late varieties. The prolonged cool season has delayed ripening of tomatoes. Harvesting of a satisfactory crop of Bartlett pears is almost completed.

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. September 6	since April 1	since April 1	September 6 1954	Normal
			- inches -		- degrees F. -	
<u>MANITOBA</u>						
1	Pierson	1.51	17.45	10.52	63	58
	Melita	Trace	16.54	13.75	64	57
	Waskada	1.66	15.14 2/	10.80	64	58
	Deloraine	Nil	16.86	10.64	63	58
2	Boissevain	1.35	18.04	10.48	61	59
	Deerwood	1.09	21.34	10.76	64	58
	Ninette	1.14	19.04	10.95	61	59
3	Portage la Prairie	.97	15.12	10.80	62	58
	Graysville	1.32	15.92	10.99	61	58
	Morden	.62	14.39	10.89	65	59
	Altona	.35	13.77	10.84	63	59
	Morris	.40	14.91	11.06	62	58
	Roland	.93	15.28	10.58	62	59
	Emerson	.27	13.45	10.42	63	59
4	Winnipeg	1.04	16.08	12.41	62	59
6	Vita	.39	15.86	11.24	62	58
	Sprague	.36	11.65	11.42	58	57
	Seven Sisters Falls	1.19	13.01	9.54	61	55
7	Virden	1.20	17.05	9.42	59	56
	Reston	N.R.	15.48 2/	11.58	N.R.	58
	Rivers	1.15	12.85	11.00	62	57
8	Brandon	N.R.	11.53 2/	11.17	N.R.	57
	Cypress River	1.41	15.73	11.04	62	57
9	Neepawa	.86	13.97	10.84	61	57
	Plumas	1.20	11.31	10.91	60	57
10	Russell	1.25	14.60	10.32	58	54
	St. Lazare	N.R.	5.97 2/	10.88	N.R.	54
	Birtle	.92	14.21	10.88	60	55
11	Dauphin	.37	12.00	9.62	62	56
12	Gimli	.61	15.19	11.31	62	56
13	Swan River	.76	12.93	11.12	59	53
	The Pas	2.01	13.87	8.99	57	55
<hr/>						
MANITOBA AVERAGE		1.20	15.09	10.85	61.5	57.1
<hr/>						
<u>SASKATCHEWAN</u>						
1A	Estevan	1.00	14.20	10.23	63	57
	Carlyle	1.62	15.09	10.89	56	54
	Oxbow	N.R.	14.37 2/	10.51	N.R.	57
	Willmar	1.35	13.66	9.93	N.R.	N.R.
1B	Broadview	1.44	21.58	9.84	59	56
	Moosomin	1.43	17.86	10.02	59	57
2A	Yellow Grass	N.R.	12.61 2/	9.48	N.R.	58
	Weyburn	.95	10.45	9.90	64	58
	Midale	N.R.	13.31 2/	10.31	N.R.	58



Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. September 6	since April 1	since April 1	September 6 1954	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2B	Moose Jaw	1.49	17.47	9.81	63	60
	Regina	1.13	17.39	9.88	N.R.	57
	Rowatt	1.41	16.94 2/	9.77	N.R.	57
	Francis	1.50	15.35	8.58	59	58
	Qu'Appelle	1.65	17.12 2/	11.64	59	58
	Indian Head	1.83	18.52	11.23	59	55
	Wilcox	1.13	17.34	9.67	60	58
3AS	Assiniboia	1.03	16.17	7.90	62	59
	Ormiston	N.R.	12.90 2/	8.85	N.R.	59
	Ceylon	.85	14.77	11.74	62	57
3AN	Chaplin	1.41	16.57	10.31	61	55
	Gravelbourg	1.06	11.77 2/	8.67	62	57
	Coderre	1.60	13.98 2/	8.93	62	56
3BS	Shaunavon	1.03	13.20	8.23	62	55
	Cadillac	N.R.	13.37 2/	10.82	N.R.	56
	Aneroid	.25	11.99	9.91	61	55
	Instow	.63	12.29	8.83	59	56
3BN	Pennant	N.R.	12.56 2/	9.58	N.R.	58
	Swift Current	.69	15.81	10.13	60	58
	Hughton	N.R.	12.58 2/	8.86	N.R.	56
4A	Maple Creek	.76	10.29 2/	9.11	57	58
	Consul	N.R.	12.17 2/	7.72	N.R.	55
4B	Roadene	.66	15.04	8.87	61	56
	Leader	N.R.	.90 2/	7.68	N.R.	56
5A	Leross	1.35	20.53	9.93	59	54
	Yorkton	.85	13.88	10.38	59	54
	Bangor	.67	17.27	10.11	59	54
5B	Dafoe	1.81	19.07	9.09	60	51
	Lintlaw	N.R.	13.45 2/	9.92	N.R.	51
	Kamsack	1.83	13.95	9.42	60	54
	Buchanan	1.12	12.98	9.83	59	54
	Pelly	1.65	15.28	10.36	57	54
	Davidson	1.08	18.44	8.11	60	55
	Dilke	N.R.	13.85 2/	8.53	N.R.	N.R.
6A	Imperial	N.R.	19.03 2/	8.02	N.R.	54
	Semans	1.26	20.51	6.42	60	54
	Strasbourg	1.30	18.82	9.04	60	55
	Watrous	1.05	17.30	6.93	59	55
	Harris	.52	12.94 2/	8.58	60	56
	Outlook	.62	13.35	7.65	61	55
	Saskatoon	.24	14.23	9.56	61	54
	Elbow	.85	14.97	8.00	60	55
	Tugaske	1.23	15.78	8.00	61	56
	Dundurn	.76	17.12	9.57	61	55
7A	Eston	1.61	15.90	7.71	57	55
	Kindersley	1.93	11.95	8.61	60	54
	Rosetown	.81	17.50	9.59	59	54

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m. September 6	since April 1	since April 1	September 6 1954	Normal
		- inches -			- degrees F. -	
<u>SASKATCHEWAN (concluded)</u>						
7B	Macklin	1.55	14.19	9.62	58	53
	Scott	1.80	15.36	9.08	60	54
	Biggar	.61	16.23	9.75	60	55
	Ruthilda	N.R.	13.84 2/	9.66	N.R.	N.R.
8A	Hudson Bay	1.41	17.81	10.03	58	54
8B	Humboldt	.37	13.94	8.03	58	54
	Melfort	1.34	17.44	10.00	58	55
9A	North Battleford	1.11	15.23	9.48	60	57
	Rabbit Lake	N.R.	14.85 2/	9.86	N.R.	54
	Leask	1.78	18.59	9.65	57	56
	Prince Albert	1.16	18.75	9.94	58	55
	Island Falls	.40	11.76	10.60	55	54
9B	Waseca	1.23	17.44	9.22	57	53
SASKATCHEWAN AVERAGE		1.15	15.92	9.36	59.6	55.6
<u>ALBERTA</u>						
1	Taber	.72	6.59	9.35	59	60
	Foremost	.89	8.64	11.24	61	60
	Winnifred	.23	9.99	7.01	N.R.	N.R.
	Medicine Hat	.25	11.10	8.26	62	60
	Manyberries	.56	11.92	8.51	62	59
2	Cowley	.67	12.11	10.48	54	56
	Macleod	1.40	11.04	9.31	57	58
	Cardston	.40	8.98	13.44	57	56
	Lethbridge	1.00	9.49	9.23	59	57
	Del Bonita	N.R.	7.65 2/	10.05	N.R.	56
	Magrath	N.R.	8.11 2/	10.91	N.R.	57
	Vauxhall	N.R.	7.42 2/	8.17	N.R.	56
3	Hays	.86	9.85	7.91	57	56
	Brooks	1.16	12.15	7.94	57	59
	Bindloss	N.R.	11.17 2/	7.76	N.R.	57
	Empress	1.33	10.84	8.45	61	57
	High River	.73	14.81	11.68	53	54
4	Vulcan	1.39	14.17	9.23	55	56
	Drumheller	.85	13.28	10.19	N.R.	60
5	Hanna	.66	17.84	10.61	56	56
	Naco	N.R.	10.95 2/	9.29	N.R.	55
	Oyen	N.R.	11.27 2/	7.61	N.R.	N.R.
	Olds	N.R.	20.99 2/	11.68	N.R.	52
6	Calgary	.33	17.56	11.56	54	56
	Three Hills	1.05	14.61	9.76	55	54
	Strathmore	N.R.	10.40 2/	10.27	N.R.	52
	Gleichen	.57	10.31	9.40	56	55
	Hussar	N.R.	14.12 2/	9.17	N.R.	N.R.
	Trochu	.61	15.80	10.41	55	54



Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m.	since	since	September 6	
		September 6	April 1	April 1	1954	Normal
		- inches -			- degrees F. -	
ALBERTA (concluded)						
7	Hardisty	1.20	13.81	9.71	N.R.	N.R.
	Coronation	1.83	13.04	8.28	56	55
	Hughenden	1.40	12.16	9.22	56	56
	Alliance	1.60	14.31	9.00	55	55
8	Red Deer	.69	18.61	13.62	54	52
	Lacombe	.63	17.69	11.52	54	52
	Wetaskiwin	1.05	21.11	11.01	56	54
	Camrose	1.25	19.96	10.09	55	54
	Stettler	.92	15.84	11.25	56	53
9	Jasper	.73	13.49	5.92	52	51
	Rocky Mountain House	1.75	21.70	12.40	54	50
	Springdale	1.19	15.82 2/	13.74	50	50
10	Vegreville	1.55	15.01	12.19	54	52
	Vermilion	1.39	13.93	11.96	57	52
	Lloydminster	1.00	14.80	8.64	57	52
11	Edmonton	1.32	16.98	11.65	56	55
12	Edson	.92	22.22	11.87	52	53
	Whitecourt	2.40	24.07	12.57	53	52
	Sangudo	N.R.	18.14 2/	12.06	N.R.	52
13	Elk Point	2.03	15.66	9.65	N.R.	50
	Lac la Biche	1.48	15.87	9.80	57	52
14	Campsie	N.R.	15.43 2/	11.74	N.R.	52
	Athabaska	4.12	20.30	10.82	56	52
15	High Prairie	2.29	15.52	9.78	53	53
	Wagner	.99	10.58	10.79	54	53
16	Beaverlodge	.84	10.53	8.24	54	53
	Grande Prairie	.53	11.45	9.89	55	53
	Fairview	.14	10.58	7.51	54	53
	Berwyn	N.R.	N.R.	9.61	N.R.	53
	Fort St. John	1.07	15.02	9.31	55	55
ALBERTA AVERAGE		1.11	14.25	10.05	55.7	54.5

N. R. - No report.

1/ - Source: Meteorological Service of Canada.

2/ - Incomplete; not included in average.

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