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TELEGRAPHIC CROP REPORT - CANADA

This is the third of the 1959 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the fifth of a series of thirteen 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.

S U M M A R Y

Maritime Provinces Farmers have practically completed their seeding and planting operations in the two mainland provinces while, in Prince Edward Island, seventy to ninety per cent of the crops are in the ground. Considerable winter injury is reported, particularly to clovers, but in pastures and hay lands grasses are showing good growth. Early grains are also doing well. Reports indicate a heavy apple blossom but strawberry plantations in some instances suffered severe winter injury. Recent rains in Prince Edward Island were beneficial. In Nova Scotia silage harvesting will be underway by about June 20. Moisture supplies are adequate but warm weather is wanted for growth. New Brunswick reports dry weather and rain is needed.

Quebec Dry weather during the past few weeks greatly reduced moisture reserves and slowed growth of all crops. However, good weekend rains over most of the province greatly relieved the situation. With some exceptions, farmers have completed seeding. In general, cereal crops have a good appearance although they have been somewhat affected by the earlier drought in several districts. Seeding of fodder corn is well advanced. Potatoes and other vegetable crops are promising. Meadows and pastures benefited from recent rains and milk production is being well maintained for this time of year. In the Joliette and Three Rivers areas planting of bright tobacco is well along while that of other varieties is underway. A good harvest of small fruits is in prospect.

Ontario The general crop outlook in Ontario is considered to be good. Warm weather and plentiful moisture supplies throughout the past month in southwestern Ontario have been favourable for the growth of overwintered crops and pastures as well as for the germination and early growth of spring grains, but seeding of late crops was slightly delayed by excessive moisture in a number of counties in this area. In eastern Ontario, crops developed well during May but precipitation during April and May in this section of the province was quite limited and with present very high temperatures prevailing, frequent rains will be needed for satisfactory development.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

of crops. It is expected that fall wheat yields will vary from slightly below average to average due principally to the large amount of winterkilling this season. Cutting of hay for silage has already commenced and will be general this week. Cutting of hay for barn curing will become general between June 15 and June 20 in most counties. Hay has developed very rapidly during the past month and yields are expected to be very good. Pasture crops have also shown excellent growth during May and all livestock are out on pasture and in good condition. Rain is now needed, however, in eastern Ontario. Milk flow is above normal. Tobacco transplanting has progressed rapidly under favourable conditions.

Prairie Provinces Seeding is practically completed in all three Prairie Provinces, except in some areas of Manitoba where operations have been delayed by excessive moisture. Germination in general has been good and warm weather during the past week has stimulated growth of cereals. Hay and pastures are good in Manitoba, poor to fair over most of Saskatchewan and slow in development in most parts of Alberta. Cutworms are active in all three provinces and grasshoppers are hatching in forecast areas. Chemical control measures have commenced. Apart from Manitoba, moisture supplies are at a critically low level. Although crops are standing up well, timely rains will be needed to prevent rapid deterioration.

British Columbia Cool and showery weather has delayed development of fruit crops but favoured pastures and hay crops generally. Grain crops are showing good progress and seeding of spring cereals has been completed.

MARITIME PROVINCES

In Prince Edward Island, farmers have now seeded 80 to 90 per cent of the grain and 75 per cent of the potatoes. Early-seeded grains and turnips are making good growth, although the weather has been cool. Grasses are growing well but clover is very sparse due to winterkill. A light hay crop is in prospect. Recent rain has benefited all crops. Strawberries, raspberries and cranberries are showing severe winter injury as well as late frost damage in the case of strawberries. The apple blossom is heavy.

Moisture conditions in Nova Scotia are good and pastures are doing well throughout the province. It is anticipated that silage harvesting will start around June 20, which is a week or ten days later than last year. Seeding operations are nearly completed and early potatoes are now above ground. With recent rains moisture conditions are good but warmer weather is needed. Although some winterkilling of clover and grass is apparent, the stand of grass is generally good and pastures are above average. Strawberries and blueberries are in bloom with some damage from frost on June 1 evident. Winterkilling of strawberries was fairly heavy, with from 25 to 40 per cent of the plants lost. In the Annapolis Valley the cool moist weather has slowed the development of fruits, but other crops are coming along rapidly. Moisture supplies are adequate but not excessive and pastures and hay lands are generally in excellent condition. Above average hay yields are anticipated. Practically all the annual crops have been seeded. With the exception of peaches, tree fruits escaped much winter injury. Apple scab control is difficult due to weather conditions but growers are keeping their spray schedules up to date. Insects are defoliating unsprayed orchards. A heavy set of apples is indicated and growers are now applying thinning sprays. Severe winter damage to ornamentals is reported.

With favourable weather conditions in New Brunswick, farmers have nearly completed seeding operations. As a result of dry weather, low temperatures and winter damage, a smaller than average hay crop is in prospect. Pastures were also slow in starting but all cattle are now out on pastures. In the Perth area early grain is 3 to 4 inches high but potatoes are not yet through the ground. Grass is making good growth in this district. Aphids are appearing in grain crops. In orchards districts the apple blossom was heavy and conditions favoured good pollination. The early strawberry blossom was heavy. Moisture reserves are low, however, and rain and warm weather are needed.

QUEBEC

The latter part of May was warm and dry in the Caplan area of western Quebec, with 90 per cent of the seeding being completed almost two weeks earlier than normal. Pastures and hay meadows have made excellent growth, with most dairy cattle being turned out around May 27. Spring-sown grain has germinated well but has made very little growth since June 1 due to cool, dry weather. No frost has been reported at Caplan since April 29 and the mean temperature of 49 degrees for May was 2 degrees above the eleven year average.

At l'Assomption east of Montreal good showers around the end of the month improved meadows and pastures. Cereal crop development is uneven but improving. Planting of flue-cured and cigar tobacco is general in both of the tobacco growing districts. Canning crops are improving. South of Montreal at St. Jean only 1.2 inches of rain have been received during the past six weeks. Vegetable crops have been growing slowly and need rain badly. The set of apples is excellent and scab, insects and mites are in general well under control. Farther east at Lennoxville weather conditions are favouring crop growth. All crops are well advanced for this time of year.

At Ste. Anne de la Pocatière east of Quebec City pastures and meadows were seriously retarded by three weeks of drought in May. However, half an inch of rainfall during the first week in June helped all crops, but hot, windy weather dried the soil rapidly. A good rain over the weekend of June 7 again improved the situation. New seedlings germinated well and apple trees are now in full bloom. Cows were turned out to pasture about May 26.

The weather has been cool in the Normandin area. Three quarters of an inch of rain since Friday will benefit meadows and pastures which had been suffering somewhat from drought. Cereal crops are germinating well and prospects are very promising. Potatoes have all been planted. Wild blueberries are blossoming heavily. Pasture conditions are reported to be only fair.

ONTARIO

Excellent growing conditions have prevailed in the Barrie district in recent weeks and wheat and spring grains are developing well. Hay and pastures show the best growth in recent years with a good balance of clover. A few hay fields are cut and it is expected that haying will be general in a few days. Corn is 95 per cent planted and potatoes 85 per cent. Growth of all crops has been extremely rapid in Bruce County but 10 per cent of late-sown grains on heavy clay are suffering from excess moisture. Most of the corn has been seeded.

Excellent growing conditions have prevailed in Wellington County and hay and pasture crops are well above average for this time of year. Seeding of corn for silage is 50 per cent completed, but wet weather has delayed this operation as well as the completion of seeding of flax and cereal grains. The early potato crop has been planted and land is now being prepared for turnips. In Waterloo County growth of spring grains and hay is well advanced. Some hay has been cut for grass silage. Prospects for the hay crop are good and operations will probably commence within the next week. Haying has commenced in Halton County and the stand is heavy. Forage and grain crops are good and pastures are in lush condition. Seeding of corn is completed. Growth has been generally excellent to date but rain is now needed due to the high temperatures of the past few days. Prospects are good for an average crop of most fruits and vegetables. The apple set was heavy. Most growers are now thinning strawberries.

The hay crop is good in Middlesex County and cutting has commenced. Pastures are excellent. Fall wheat and spring grains are doing well but in some areas reflect the results of winter injury to wheat. Corn planting was delayed by rains in some areas but is now generally completed. Tobacco transplanting is practically finished. Labour is scarce for sugar beet blocking. Fall wheat and spring grains are making rapid growth in Essex County and the warm weather has also promoted the growth of most late-planted crops. Wet weather had delayed seeding of corn and soybeans but most crops are now planted. Processing tomatoes, canning corn and peas are making good growth. Prospects appear good for early tomatoes, early potatoes and most fruit crops. Tobacco planting is practically completed. Hay is being cut in some areas. Early potatoes are in blossom and early vegetables are being harvested.

In Kent County seeding of all crops is nearly completed with some white beans, a little burley tobacco and some soybeans yet to be planted. Growing conditions have generally been good except in certain areas where moisture supplies were excessive. Crop conditions are generally about a week and a half to two weeks behind normal. Haying operations have begun and cutting of grass silage has also commenced. Blocking of sugar beets is well underway. Seventy-five per cent of the winter wheat is headed but the stand is below average. Spring grains appear promising. Injury to tobacco from seed corn maggot is more severe than last year and the degree of plant recovery is still uncertain. Hay and pastures are in good condition.

Early hay is being cut in Norfolk County and yields are fair. Pastures are good. Wheat and rye are in head and fields which survived the winter should yield an average crop. Corn is being planted under favourable conditions. Tobacco planting is completed and the crop is making favourable growth. Strawberries promise a good crop.

The Dominion Entomological Laboratory at Vineland reports that unseasonably high temperatures during the past week have advanced crops rapidly. The picking of Premier strawberries has begun. Present prospects indicate that the crop of cherries will be heavy. The outlook for peaches is fair although some varieties will be light. Apple scab is extremely severe. Peach leaf curl varies from moderate to heavy in unsprayed areas.

Most of the corn has been planted in York County with some of the crop now showing above ground. Some farmers are already harvesting hay and cutting of grass silage has also commenced. Winter barley, rye and some winter wheat are headed. Hay and pastures have made good growth but this development has now slowed up due to excessive heat. Rain is now required. In Peterborough County high temperatures

and abundant rainfall are resulting in continued rapid growth of crops. Planting of corn is 95 per cent completed. Operations have commenced for both haying and the cutting of grass silage.

In Leeds County the crop situation is favourable but rain is needed. Prospects indicate a heavy hay crop and pastures are in surplus condition. Milk flow is above normal. Prospects for the apple crop are good. All crops are making satisfactory growth in Renfrew County and prospects are generally above average. Hot weather is hastening maturity and fall wheat is beginning to head. Harvesting of alfalfa for dehydrating commenced on May 19. Pastures are average.

The report from Kapuskasing indicates that seeding of grain commenced on May 25 and was completed May 29. Some of the crop was showing above ground at June 7. Hay and pastures are growing rapidly. Weather conditions during the past two weeks have been generally overcast and wet.

MANITOBA

Wheat seeding is completed in Manitoba except for a few fields in the south-east where conditions have been wet all spring. Approximately 75 per cent of the coarse grains and 60 per cent of the flax have also been sown. Crop growth has been excellent for the past few days due to warmer weather. Rains are needed in western sections but moisture is in excess in the Red River Plains and east of the Red River Valley. Cutworms are widespread and doing some crop damage. Wireworms, flea beetles and sunflower beetles are numerous. Some spraying for insects is already underway and weed spraying has begun in western sections. The acreage of special crops will likely be 10 per cent or more lower due to variable weather conditions. Livestock are doing well with improved pasture growth. Recent rains have improved hay crop prospects.

Early-seeded crops are in varying stages of growth at Vita in southeastern Manitoba and fields are very patchy due to excess moisture. There is an excellent growth of forage and pasture. Little seeding progress has been made since the last report and only 75 per cent of the seeding has been done in the whole area. Farmers are still seeding wheat and an increase in flax acreage is expected. Farther west at Altona, seeding of all crops except flax is nearly completed. About one-third of the flax has been sown. Sugar beet cultivation and thinning has nicely started. Pastures, most cereal crops and corn are coming along well with the heat and plentiful moisture. There have been odd reports of cutworms and beet webworms moths. The sunflower beetle infestation is severe and widespread. Spraying has started.

The Experimental Farm at Morden reports .79 inches of rain over last weekend and that crops are showing well. Seeding is completed with some wheat now 8 inches in height. Pastures are good and the hay crop is promising. Special crops such as corn, sunflowers and rapeseed are doing well. Weed growth on land to be summerfallowed is heavy and the warm weather has promoted rapid growth of all crops.

In southwestern Manitoba at Melita, no rain was received during the past week. Seeding of wheat and coarse grains is completed and 95 per cent of the flax has been sown. The rye crop looks good and pastures are fair. At Somerset seeding is also completed except for some flax. Recent rains have delayed field operations. Hay and pastures are doing well under favourable moisture conditions.

East of Winnipeg at Beausejour, seeding is only half completed and some acreage planned for wheat will now be diverted to barley, flax and special crops.

Heavy showers have again halted field work. Early-seeded crops are doing well. Cutworm damage is extensive in gardens. Seeding operations are nearing completion at Portage La Prairie. There has been no significant change in acreage intentions for cereal crops but pea acreage has been sharply reduced and flax will show an increase. Cutworm damage to gardens has been extensive.

The Experimental Farm at Brandon reports seeding completed except for a small percentage of coarse grains and about 12 per cent of the flax. Moisture supplies are adequate and recent heat is producing rapid growth of both grain and pasture. Cutworms are active and are causing light to moderate damage to grain and moderate to severe damage to gardens. Prospects for hay are improved but fields seeded last year have a thin stand. Wheat seeding is completed at Virden but 10 per cent of the coarse grains and 25 per cent of the flax remain to be seeded. Early-sown crops have germinated well and recent warm weather has caused rapid growth. Weed spraying is underway but is still not general. Cutworm damage is severe in gardens and in some fields. Wireworm damage is also apparent. The grasshopper population is on the increase.

In the Interlake area at Teulon, seeding is now progressing fairly well with 60 per cent completed. The wheat acreage will be lower this year because of the late spring and the fact that low lying land still has standing water. Our correspondent from Arborg also reports recent satisfactory progress in seeding, with about 40 to 50 per cent completed. It is too wet in most cases to do any summerfallowing. Pastures are good.

In west-central Manitoba at Neepawa crop growth has been accelerated by present adequate moisture and warm weather. Spraying for weeds and insects is now general. The hay crop is good. Moisture is adequate in this district for two weeks only. At Minnedosa seeding is almost completed, with early fields looking good. Recent rains have brought surface moisture to satisfactory levels. Pastures and hay crops are coming along well. Cutworm damage is occurring in several gardens and fields. About 200 acres have been sprayed to date. Farther west at Shoal Lake, crop germination has been good but more moisture will be needed to bring the crop along. Seeding in this area is completed and many farmers are already spraying weeds on early-seeded fields. Several reports of cutworms have been received and it is anticipated the incidence will increase if the warm weather continues. Pastures are good.

In northern Manitoba at Dauphin all grain crops have been seeded and they have germinated satisfactorily. Damage from wireworms and cutworms is occurring and some reseeded will be necessary. A large number of gardens have been affected. Weed spraying has started with some spraying for cutworms. A good rain would be welcome. Farther north at Swan River, all the wheat, 75 per cent of the coarse grains and about half the flax have been seeded. The weather has been warm and dry and gardens are just starting to grow. Pastures are poor and the hay crop looks very poor. Fall rye is growing satisfactorily. The Entomological Laboratory at Winnipeg reports that cool, wet weather delayed grasshopper hatching but it is now commencing on lighter soils. Excellent crop growth will minimize damage and the canopy effect will extend hatching over the next two or three weeks particularly along roadsides. Pastures carry the heaviest population, 10 to 40 per square yard. Scattered light flights of beet webworms are occurring. Sunflower beetles are attacking sunflower seedlings and control operations are beginning.

The average precipitation for the province since April 1 has been 25 per cent above normal as compared with 39 per cent above normal a week ago, 21 per cent above normal two weeks ago and in contrast to 61 per cent below normal at the same time a year ago. Mean temperature for the week ending June 8, was 10.0 degrees above normal as compared with 5.5 degrees below normal a week ago, 2.8 degrees below normal two weeks ago and 0.3 degrees above normal for the week ending June 9, 1958.

SASKATCHEWAN

With warmer temperatures grains generally have made fairly good growth in Saskatchewan. However, moisture reserves are limited and rainfall will soon be required to properly advance crops. Some late-seeded fields now lack sufficient surface moisture for germination. Although the appearance of all crops is favourable at the present time deterioration will be rapid in the event of a lengthy dry period or extremely high temperatures and wind. Wheat averages three inches and coarse grains two inches in height. There are numerous demands for chemicals to combat grasshopper infestations in the southern, central and west-central district. Outbreaks of redback cutworms are occurring in northeastern areas. Grass growth for livestock is barely sufficient and in many areas water reserves are inadequate.

In the southeast part of the province at Fillmore seeding is completed and all crops are growing evenly and strongly because of the rain received last week. However, moisture reserves are low. All pastures are in poor condition and hay crops are poor and will produce a light crop even under the best of circumstances from now on. Grasshoppers are hatching but the occurrence of this insect is not general in this area. Seeding is also completed around Indian Head according to the Experimental Farm at that point. Dry weather continued during the past week and germination of some crops has been uneven. Early sown summerfallow crops are holding their own but stubble crops are showing some deterioration. Most of this year's summerfallow fields have been worked once. Some cutworm damage is reported. Pastures have deteriorated during the past week and hay crops will be very light.

In the southwest part of the province around Gravelbourg crop growth is good and even. Grasshoppers are now hatching with the warmer weather. Moisture conditions are still very much below the requirements to carry crops to maturity and rain is becoming progressively more urgently needed. The Experimental Farm at Swift Current reports that grain crops have germinated evenly and are making rapid growth. Early-seeded crops are quite weedy. Moisture reserves are limited and fall rye, which is now heading, is in urgent need of rain to maintain growth. Hay and pasture crops are deteriorating rapidly. Grasshoppers are now hatching in large numbers and beginning to damage crops.

South of Swift Current around Val Marie one-quarter of an inch of rain has been received since the last report. Grain fields are fairly dry but the yield potential is good if favourable weather prevails. Pastures are only poor to fair. In the Leader district crops have made good growth in the past week with the advent of warmer weather. So far grasshopper outbreaks have been light. Field spraying for weeds is general. Pastures appear short and not too green.

Around Togo in the east-central part of the province seeding is completed but weather conditions are dry and some fields show spotty germination. Cutworms are doing some damage in the district. Hay stands are short and rye crops are deteriorating. Generally a good rain would cure conditions but continued drought could be serious. Seeding is also completed in the Willowbrook district and warm weather with widely scattered showers has kept growing conditions favourable. Subsoil moisture reserves are still fairly good although rains will soon be needed to advance growth. Early-sown crops look good, and the germination is even. Rye is now heading and the stand is average, but hay crops are short and yields will be light. In the Sturgis district all grain is seeded and cutworms are doing considerable damage. Some farmers intend to re-seed damaged fields if rain comes soon. Germination has been spotty in some wheat fields. About 1.2 inches of rain have fallen to date.

Across the province in the west-central part around Rosetown germination and growth are satisfactory and wheat averages 3 inches in height. Coarse grains will likely be reduced because of dry stubble fields. Farmers are spraying for grasshoppers but there has been no damage to date. Rain will be needed soon. According to the Experimental Farm at Scott, generally dry conditions have prevailed in the west-central part of the province during the past two weeks. The result of this is poor hay prospects and very little green pasture and retarded growth of grain. In some districts grain fields have been destroyed by pale western cutworms. Localized infestations of grasshoppers are evident. Steady rain being received at the time of reporting should improve conditions.

In the Drake district no rain has been received since May 2. Hay prospects and pastures are very poor. First summerfallow operations are mostly completed. Considerable cutworm damage is evident and chemical spraying for weeds, cutworms and grasshoppers is beginning. The Experimental Farm at Melfort in the northeast part of the province reports that seeding is practically completed. Dry topsoil is causing uneven germination in some areas but conditions generally are good. There are several reports of damage from redbacked cutworms and some farmers are re-seeding damaged fields. Chemical sprays are being used for control. Rain will soon be required to promote growth of hay and pasture crops.

Around Nipawin seeding is complete and wheat fields are making good progress, being 4 inches above the ground. Coarse grain fields are not showing green as yet. A good rain was received yesterday and moisture conditions are satisfactory. Clovers, pastures, and rape fields are all making satisfactory progress. There has been some damage from cutworms and farmers are using chemical control measures. Crop conditions are a little above normal at this time. In the northwest part of the province around Meota moisture conditions are poor. Crops are still fair to good but pastures are poor.

The Entomological Laboratory at Saskatoon reports that extensive spraying is in progress for grasshoppers and cutworms. Grasshoppers are damaging the margins of some fields following the tillage of stubble fields. Redbacked cutworms are widespread in the Park Belt area particularly around Humboldt, Melfort, Tisdale, and Hudson Bay. Eight thousand acres of crop land have been sprayed in the Hudson Bay area. Damage is also reported from Dundurn, Kipling, Wakaw, and Birch Hills. Pale western cutworms are reported from Vanscoy, Langham and Osler. Flea beetles are attacking rape seedlings at Meadow Lake and a few fields have been ploughed down. Beet webworm adults are abundant in the Rosetown area and also present in many districts.

Average precipitation for the province since April 1 has been 47 per cent below normal as compared with 36 per cent below normal a week ago, 30 per cent below normal two weeks ago and 47 per cent below normal a year ago. Mean temperature for the week ending June 8, 1959 was 9.3 degrees above normal compared with 4.8 degrees below normal a week ago, 2.6 degrees below normal two weeks ago and 1.6 degrees above normal for the week ending June 9, 1958.

ALBERTA

Seeding is practically completed in Alberta. Germination has been generally good except for some fields in east-central and northeast districts where it is reported to be spotty. Crops on summerfallow are growing well but many stubble crops

in central areas are short of moisture. Cutworms are active over large portions of the province. Pastures and hay crops are very slow, but livestock are doing reasonably well up to now. Rain is needed at most points in the province.

Around Manyberries in southeastern Alberta, wheat is up about 3 inches and barley is 4 inches above ground. Some oats are also up as much as 3 inches. The first operation on summerfallow is 75 per cent completed. Warm temperatures are promoting crop development, and range vegetation is making good growth. However, more rain is required. Seeding is all completed at Medicine Hat. Fall rye is headed and winter wheat is in the boot stage. Early-seeded crops are being sprayed. Seventy-five per cent of the summerfallow has had one cultivation. Pastures are short and grasshoppers are hatching. Conditions are generally dry and rain is needed.

The Research Station at Lethbridge reports conditions south of Calgary to be generally satisfactory but that rain will be needed soon in eastern sections of the district. Seeding has been very late in the extreme southwest and a little still remains to be completed. Fall rye is in head and winter wheat in the shot blade. Sugar beets, canning peas and canning corn are all showing good stands. Some light grasshopper damage has occurred. Our correspondent at Cardston reports ideal weather conditions, with seeding completed in that area except for green feed.

Seeding is nearly finished in the Brooks area of south-central Alberta and germination is fair to good. Some wireworm damage is evident. Steady winds are rapidly depleting soil moisture and rain is needed. Farther west at Vulcan seeding has been completed and all crops are germinating evenly. Summerfallowing has made good progress during the past ten days of dry weather. Hay and pasture lands are doing well but a good general rain would be welcome.

In the Hanna district east of Calgary seeding has been completed except for small acreages being held for green feed. Germination has been good and early-sown grain is up from two to three inches. Topsoil moisture conditions have deteriorated in the past two weeks but were relieved somewhat by showers on Tuesday afternoon. Seeding is completed in the Calgary area, with germination good and early crops up about 4 inches. Moisture conditions are satisfactory for the present in the southern part of the district but in northern sections, while crops are not suffering as yet, rain would be welcome. Rain is also needed to improve hay and pastures. Seeding is almost completed in the Olds district except for green feed and some Olli barley. Some grain fields are up from two to six inches. Rain is needed very soon to maintain development of pastures and grains.

Seeding of all grains is completed in the Sedgewick area of central Alberta. Early-sown wheat is doing well but later-sown crops need rain to germinate evenly. Pastures are dry and a good general rain is needed soon. Similar conditions prevail farther south in the Donalda district where some cutworm damage is reported to grain and gardens. Wheat is showing well above ground in the Stettler district and all crops are doing well with no damage to date. However, there has been no recent moisture and reserves are low.

Seeding is completed and germination is even in the Red Deer area. However, rain is needed to maintain present conditions. A serious outbreak of cutworms throughout the district is causing extensive damage. Pasture and hay crops are short. Seeding operations have also been completed in the Lacombe district. Grain crops are progressing well despite the absence of rain for the past two weeks. However, hay crops and pastures require immediate rainfall or production will be extremely low.

Seeding was completed on June 6 in the Hekville area. Some cutworm damage has occurred here and spraying has begun. Moisture conditions are fair to good but rain would aid hay fields considerably. About 20 per cent of the summerfallow has been gone over once. Hay, pastures and gardens are in fairly good condition.

At Vermilion east of Edmonton grain is up 4 inches and coarse grains 2 inches. Crops are doing well now but rain is needed. Wireworms and cutworms are active but the extent of damage is not yet known. Seeding is now complete in the Edmonton area, with early crops up. Germination of these crops has been quite even but late-seeded fields will require moisture for good germination. Northeast of Edmonton at Bonnyville all seeding operations are completed, with summerfallow work progressing rapidly under warm, dry weather conditions. Only a few small local showers have occurred and all crops are badly in need of rain. Some cutworm damage is reported.

Seeding has been completed with excellent germination in the Falher area of the Peace River District. Early wheat is up 10 inches, but all crops including forage are now growing slowly due to cooler weather. Cutworm damage was reported over the weekend. Our correspondent at this point estimates there is a 10 per cent increase in acreage seeded of all crops above that of an average year. Farther west at Berwyn seeding is almost completed, with wheat in the four leaf stage. Germination of all crops is very even. Wild oats are bad in some early-seeded crops and weed spraying has commenced. Surface moisture is only fair and sub-soil reserves are negligible. Some sweetclover weevil damage has been reported and cutworms are active in flax fields. Pasture and hay crops are fair. At Beaverlodge in the western part of the Peace River district seeding of spring cereals was completed in early June. Early-seeded crops are making moderate growth under cool, showery conditions and late-sown crops are germinating evenly. Fescue is heading with about average yields in prospect. Fall rye and brome are commencing to head. Over an inch of rain fell during the past week at Fort Vermilion in the far north of the province. Moisture supplies are now very good and warm weather is favouring the rapid growth of crops. Damage from frosts in late May was light and restricted to scattered flax fields. Pastures are adequate and hay crops have been greatly improved by rain.

Average precipitation for the province since April 1 has been 18 per cent below normal compared with 7 per cent below normal a week ago, 0.5 per cent above normal two weeks ago and 33 per cent below normal a year ago. Mean temperature for the week ending June 8 was 4.0 degrees above normal in contrast to 6.0 degrees below normal a week ago, 2.1 degrees below normal two weeks ago and 1.9 degrees above normal for the week ending June 9, 1958.

BRITISH COLUMBIA

Cool and damp weather has not been favourable to tree fruit crops in the south Okanagan Valley of British Columbia. Cherry yields are expected to be 50 per cent while apricots, peaches and pears some 10 per cent below normal. Forage crops are growing well. In the north Okanagan Valley corn and tomatoes suffered from local rainstorms. Ranges show fair growth and cattle are moving into forest areas. In most southern ranching areas first cutting of alfalfa for hay has already started.

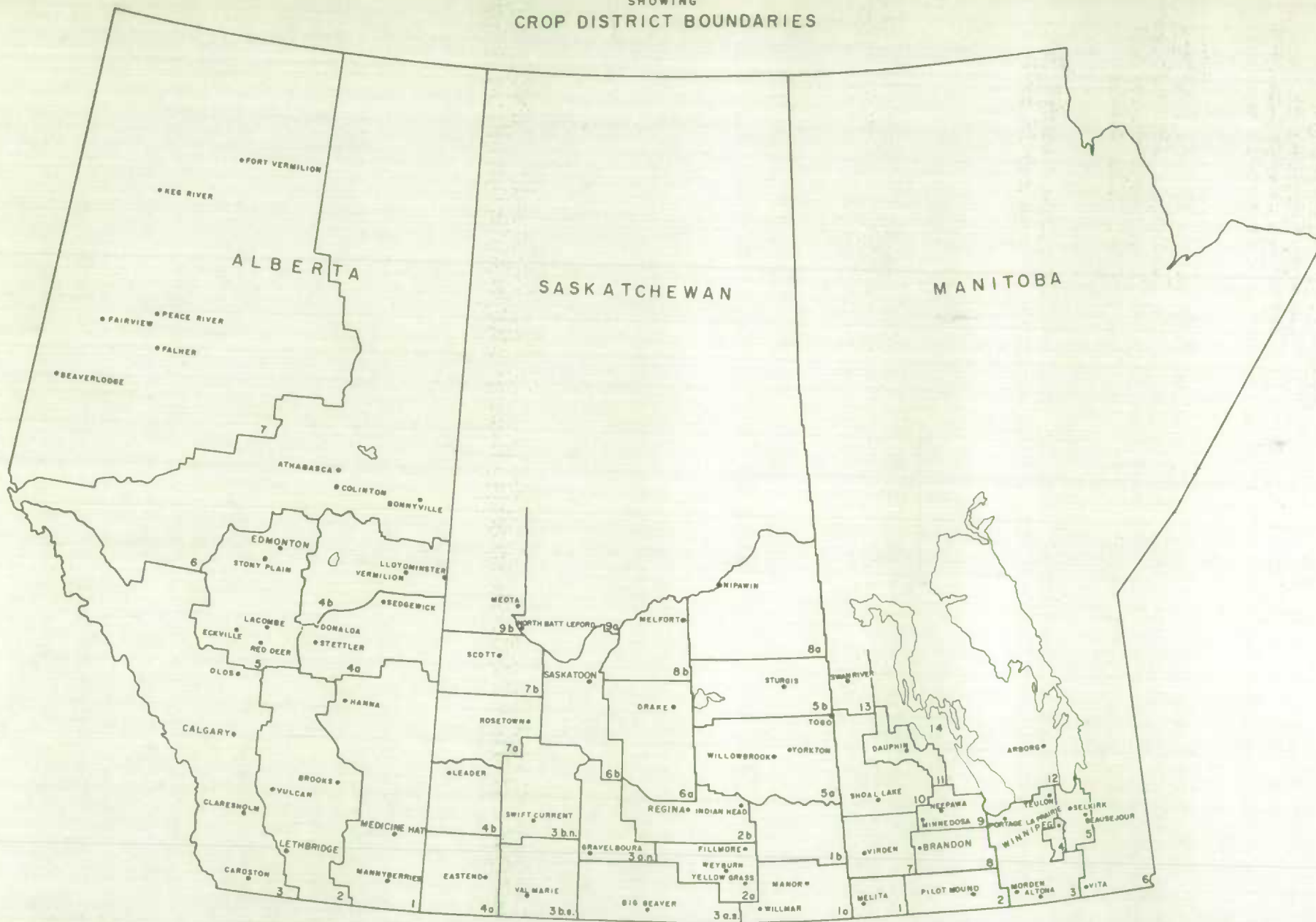
Frequent rains and cold weather caused considerable damage to first-cut hay in the lower Fraser Valley. Pastures show slow recovery. Progress in grain crop growth is normal, while planting of corn has not yet been completed. Strawberries are slow to ripen and picking should commence around June 17.

Excellent hay crops are reported in the Vancouver Island district and pasture growth is more than enough to cover livestock requirements. Potatoes in peat soil areas have been planted. Strawberry picking has begun but unfavourable weather is holding it up.

In the Peace River district where very good weather and ample soil moisture are reported, grain crops are growing well and seeding is now completed. Although part of the alsike and red clover crops have suffered from winterkilling, pastures and hay crops generally show a good growth, especially in fertilized fields. Some fescue crops are already heading.

Cutworm infestation is reported along the Thompson River from Kamloops to Enderby. Although grasshoppers hatched late control measures are required in some areas.

OUTLINE MAP OF THE PRAIRIE PROVINCES
SHOWING
CROP DISTRICT BOUNDARIES



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. June 8,1959	since April 1	since April 1	June 8 1959	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Pierson	N.R.	1.93 ^{2/}	3.97	N.R.	57
	Melita	Trace	3.27	4.34	68	58
	Waskada	.31	2.92	3.76	66	57
2	Boissevain	.29	5.21	4.07	69	57
	Deerwood	.25	5.53	3.99	69	56
	Ninette	.12	5.08	4.39	67	57
	Pilot Mound	.30	6.64	3.95	67	58
	Portage la Prairie	.26	5.98	3.81	69	58
3	Graysville	.48	5.84	3.77	69	57
	Morden	.60	5.75	4.28	71	58
	Altona	.26	4.84	3.72	70	58
	Morris	.27	5.55	3.50	70	58
	Roland	.09	4.93	3.83	70	58
	Gretna	.67	5.48	3.80	71	58
	Emerson	.36	5.53	3.81	70	59
4	Winnipeg	.92	6.22	3.86	68	59
6	Sprague	1.02	5.92	4.30	69	56
	Seven Sisters Falls	.51	4.98	3.30	65	57
	Steinbach	.44	6.24	4.01	67	58
7	Virden	.17	2.51 ^{2/}	3.55	69	57
	Reston	N.R.	1.86 ^{2/}	3.80	N.R.	57
	Rivers	.12	2.76	3.84	67	57
8	Brandon	.18	4.24	4.17	67	57
	Cypress River	.25	5.66	3.76	68	58
9	Neepawa	.04	3.82	3.43	66	57
	Grass River	.41	5.03	3.60	64	55
10	Russell	.10	2.39	3.12	64	55
	Rosburn	.06	3.91	3.19	65	55
	Birtle	.05	3.89	3.16	64	55
11	Dauphin	.05	4.21	3.44	63	55
12	Gimli	.12	6.10	3.44	63	55
13	Swan River	.09	1.76	2.93	62	54
	The Pas	.35	2.60	2.82	56	56
MANITOBA AVERAGE		.29	4.64	3.72	66.9	56.9
SASKATCHEWAN						
1A	Estevan	Trace	1.75	3.22	70	56
	Carlyle	.12	1.64	3.33	66	55
	Oxbow	N.R.	2.47 ^{2/}	3.68	N.R.	56
	Willmar	NIL	1.62	3.34	N.R.	N.R.
1B	Broadview	Trace	1.80	3.18	65	56
	Moosomin	.07	1.54	3.47	68	56
2A	Yellow Grass	.07	1.57	3.12	68	56
	Creelman	.05	1.73	3.06	67	56
	Weyburn	.09	1.66	3.22	68	55
	Midale	.04	1.61	3.33	68	56

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. June 8, 1959	since April 1	since April 1	June 8 1959	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2B	Moose Jaw	.08	2.42	3.20	68	58
	Regina	.09	1.64	3.06	67	56
	Francis	Trace	1.01	2.77	66	57
	Qu'Appelle	.10	1.21	3.70	65	57
	Indian Head	.11	1.42	3.28	67	56
3AS	Wilcox	Trace	1.17	3.10	67	56
	Assiniboia	.11	2.24	3.04	67	57
	Ormiston	.02	1.40	3.25	66	56
	Readlyn	Trace	1.56	3.21	67	56
	Minton	N.R.	1.89 ^{2/}	3.72	N.R.	56
3AN	Cardross	.10	1.56	3.29	67	56
	Ceylon	N.R.	1.76 ^{2/}	3.74	N.R.	57
	Chaplin	.16	1.51	3.02	66	57
	Gravelbourg	.11	1.91	2.84	66	55
	Coderre	.12	1.87	3.11	68	57
3BS	Shaunavon	.06	1.80	3.15	65	54
	Cadillac	.11	1.25	3.43	65	54
	Pambrun	.10	1.68	3.05	66	55
	Aneroid	.15	1.62	3.20	65	55
	Instow	N.R.	1.16 ^{2/}	3.15	N.R.	54
3BN	Pennant	.01	2.04	3.01	65	56
	Swift Current	.04	2.08 ^{2/}	3.29	64	56
	Hodgeville	.21	1.51 ^{2/}	2.99	65	55
	Hughton	.05	1.59	2.75	66	55
	Maple Creek	N.R.	2.01 ^{2/}	3.00	N.R.	56
4A	Consul	.15	1.34	2.65	61	55
	Cupar	.17	1.45	2.95	67	53
	Leross	N.R.	2.77 ^{2/}	3.23	N.R.	53
	Melville	.02	1.57	2.95	66	53
	Yorkton	Trace	1.96	3.00	66	55
5A	Bangor	Trace	2.81	3.10	63	56
	Dafoe	.15	2.08	2.71	64	53
	Foam Lake	.07	1.47	3.15	64	53
	Lintlaw	.14	1.57	3.25	61	53
	Kamsack	.02	2.20	2.74	65	54
5B	Arran	Trace	1.71	2.74	60	54
	Pelly	.09	1.94	2.85	59	54
	Davidson	.07	1.30	2.96	68	56
	Dilke	.05	1.25 ^{2/}	2.87	N.R.	N.R.
	Imperial	Trace	.93	3.05	67	55
6A	Semans	NIL	1.19	2.66	64	53
	Strasbourg	.02	1.53	3.02	66	55
	Watrous	Trace	1.22	2.75	64	55
	Harris	NIL	.93 ^{2/}	2.51	61	55
	Outlook	.14	1.15	2.48	66	56
6B	Saskatoon	.15	.93	2.75	65	56
	Elbow	.13	1.31	2.86	67	57

Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m. June 8, 1959	Total since April 1	Normal since April 1	Week ending 8 a.m. June 8 1959	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (concluded)						
5B	Tugaske	.05	1.59	3.09	65	56
	Dundurn	.16	1.15	2.66	66	55
	Rosthern	.07	.73	2.67	62	56
7A	Kindersley	Trace	.93	2.40	63	53
	Rosetown	Trace	1.47	2.88	65	54
7B	Macklin	Trace	1.23	2.91	63	53
	Scott	NIL	1.13	2.98	62	55
	Biggar	.01	1.44	2.71	65	55
8A	Hudson Bay	.11	1.34	3.11	60	55
	Prairie River	.33	2.66	3.03	60	56
8B	Humboldt	.01	1.17	2.70	63	55
	Melfort	.17	2.26	2.85	62	56
9A	North Battleford	.01	1.50	2.73	63	58
	Victoire	.30	1.90	2.36	59	55
	Prince Albert	.13	1.21	3.16	60	56
	Island Falls	1.06	2.97	2.92	53	54
9B	Waseca	.23	1.82	3.00	61	54
	St. Walburg	.37	1.55	2.97	58	54
SASKATCHEWAN AVERAGE		.09	1.60	3.02	64.5	55.2
ALBERTA						
1	Bindloss	N.R.	2.49 ^{2/}	2.44	N.R.	57
	Empress	.02	.62	2.00	65	59
	Excel	NIL	2.80	2.46	61	56
	Foremost	NIL	2.70	3.60	64	61
	Hanna	NIL	1.54	2.71	61	57
	Manyberries	.02	2.41	2.53	69	59
	Medicine Hat	NIL	2.37 ^{2/}	3.05	64	59
	Naco	N.R.	1.53 ^{2/}	2.53	N.R.	57
	Oyen	NIL	1.61 ^{2/}	2.37	N.R.	N.R.
	Winnifred	N.R.	3.03 ^{2/}	3.31	N.R.	N.R.
2	Brooks	NIL	1.68	3.04	61	58
	Drumheller	NIL	1.95	2.61	63	57
	Gleichen	NIL	2.75	3.36	66	55
	Hays	NIL	2.18	2.97	60	57
	Hussar	NIL	1.75	3.17	N.R.	N.R.
	Raymond	NIL	4.52	4.10	62	57
	Lethbridge	Trace	4.13	4.08	63	57
	Strathmore	NIL	2.05	3.44	61	52
	Taber	NIL	4.47	3.42	65	56
	Three Hills	.22	2.67	3.12	59	52
3	Trochu	.13	3.33	3.54	63	53
	Vauxhall	NIL	2.67	2.95	61	57
	Vulcan	Trace	3.58	3.68	60	55
	Calgary	.02	2.86	3.90	59	54
	Cardston	NIL	4.68	4.33	61	57



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Precipitation and Temperature Data, Prairie Provinces^{1/}

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending 8 a.m.	Total since	Normal since	Week ending 8 a.m.	
		June 8, 1959	April 1	April 1	June 8 1959	Normal
		- inches -			- degrees F. -	
<u>ALBERTA</u> (concluded)						
3	Cowley	NIL	5.88	4.47	57	53
	Fort MacLeod	NIL	4.01	4.14	61	58
	High River	NIL	4.37	4.93	57	54
	Magrath	NIL	3.00	4.30	62	57
	Olds	.07	3.54	3.96	57	53
4	Alliance	NIL	1.20	2.98	59	55
	Camrose	.23	2.04 ^{2/}	3.17	61	53
	Coronation	Trace	1.35	2.59	61	54
	Hardisty	Trace	.89	2.52	56	N.R.
	Hughenden	N.R.	1.65 ^{2/}	2.74	N.R.	57
	Lloydminster	.21	1.25	2.78	62	53
	Stettler	NIL	1.11	3.42	59	53
	Vegreville	.03	1.19	2.81	60	54
	Vermilion	.02	1.36	2.74	60	53
	5	Edmonton	.07	1.99	3.58	56
Lacombe		Trace	2.20	4.03	58	54
Red Deer		.05	2.47	3.52	58	53
Rocky Mountain House		.08	4.15	4.72	56	51
Wetaskiwin		.34	2.26 ^{2/}	3.58	59	54
6	Athabasca	N.R.	1.15 ^{2/}	3.02	N.R.	54
	Campsie	.60	2.34	3.51	55	54
	Edson	.05	2.80	3.59	54	53
	Elk Point	.53	1.46	2.70	57	53
	Embarras	.88	5.07	2.31	54	52
	Lac la Biche	.01	2.18	3.14	56	53
	Whitecourt	.65	3.20	3.94	53	54
	Beaverlodge	.13	3.06	2.77	53	53
7	Berwyn	.17	1.25 ^{2/}	2.26	51	54
	Fairview	.22	2.44	2.89	54	54
	Fort Vermilion	1.07	2.52	2.37	52	55
	Grande Prairie	.06	2.54	2.74	54	55
	High Prairie	.18	2.03	2.96	54	52
	Rycroft	.48	2.70	2.52	53	54
	Wagner	.16	2.36	2.93	54	55
	ALBERTA AVERAGE		.12	2.62	3.21	58.9

N.R. - No report.
^{1/} - Source: Meteorological Service of Canada.
^{2/} - Incomplete; not included in average.