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no. 9

1960

June 22

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102

Release

1960

p.m.



DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Price: \$4.00 for series of 23 Crop Reports

CROP REPORTING SERIES — No. 11

TELEGRAPHIC CROP REPORT - CANADA

This is the fourth of the 1960 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the sixth 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.

SUMMARY

Maritime Provinces: All crops in Prince Edward Island are making excellent growth although more moisture is required. Silage making is underway. In Nova Scotia farmers are putting up grass silage throughout the province. Grass and clover crops are generally good although conditions are somewhat variable. Hay making is general west of Truro with good quality reported. Weather conditions are ideal for haying. Timely rains in New Brunswick have maintained ideal growing conditions although the hay crop may be somewhat lighter than would otherwise have been the case due to dry weather earlier in the month. Grains and potatoes are progressing favourably with most crops earlier than usual by ten days or more. Silage making is underway. Throughout the Maritimes strawberry picking has commenced.

Quebec: Recent rains throughout the province have replenished moisture supplies which were getting very low in certain areas, arresting development of vegetation. The farmers are starting to put up grass silage in the earlier regions. Hay making is also getting underway with yields about normal although the quality is being adversely affected by weeds. The principal cereals, potatoes and other horticultural crops look promising. However, on the black soils of Napierville County, late frosts at the beginning of June forced some farmers to re-plant some of their beans, tomatoes and cucumbers. Pastures have improved with recent rains and milk production is being maintained at normal levels. Fruit crop prospects are good in the Montreal district, with the strawberry harvest now underway. Tobacco is also doing well. In general, agricultural conditions are encouraging but warmer weather would help all crops.

Ontario: Crop conditions are variable across Ontario. In western areas of the province much seeding was completed during the second and third weeks of June although some corn silage is not yet sown and some early-seeded crops were drowned out. In areas of southern Ontario seeding has been the most variable on record. A few farmers in Middlesex County have no oats or barley seeded yet. Early-seeded grains vary from poor to very good and some flooding has occurred. Warm, dry weather

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

is required for haying operations in this area. Early vegetables are being harvested in Essex County. In central Ontario growing conditions are excellent but a considerable acreage was not seeded and probably will be planted to wheat this fall. Haying operations have been delayed by rain but pastures are excellent. The season is very late in eastern Ontario on poorly drained soils and some second seeding was required. Spring-sown grains have benefited from recent showers. Winter wheat is reported to be in excellent condition. Haying is underway. In northern Ontario hay and pasture growth is good but slowed by lack of rain.

Prairie Provinces: Seeding has been completed throughout the Prairie Provinces except for the occasional field held up for weed control. Although seeding was delayed in many areas crops are now developing well, with moisture supplies generally adequate. The main exceptions are in southwestern and west-central Saskatchewan and parts of southeastern Alberta. Weed growth is heavy in many districts and spray control measures are underway. Insects, although reported in many areas, are being controlled by chemical sprays. Hay and pasture crops are making good growth except in the dry areas.

British Columbia: Continuing cool and variable weather during the last two weeks has resulted in a spotty crop picture throughout British Columbia. Grain crops show slow to moderate growth, while hay-cutting has been hampered by showery weather. Along the coast strawberries are slow in ripening and harvesting is somewhat delayed. Warmer temperatures are needed to hasten maturing. First potatoes are being picked up with about average yields reported. The Okanagan early cherry crop is lighter than expected, but later varieties are more promising. Early apples and apricots are sizing well, while late apple estimates have to be scaled down, following heavier than average June drop. Pasture conditions throughout the province vary from fair to good.

MARITIME PROVINCES

Reports from Prince Edward Island indicate that planting and seeding operations are completed and all crops are making excellent growth although more moisture would be welcome. High quality grass silage is being put up and hay crop prospects are favourable. Early potatoes and early turnips are making excellent growth. Insects are appearing on plants earlier than usual due to high temperatures in May. Large numbers of Colorado potato beetles are reported on young potato plants in some areas and have been laying eggs for the past ten days. A moderate flea beetle infestation is reported. The strawberry crop is coming along well with picking getting underway this week. However, the lack of moisture may seriously reduce yields. The apple set is good with an average crop in prospect.

Throughout Nova Scotia grass silage making is in full swing. Grass and clover crops appear to be above average and hay making is quite general west of Truro. Excellent quality is reported with perfect weather conditions prevailing. Strawberry crop prospects are excellent with local berries now on the market. A good set of low bush blueberries is also indicated. In the Amherst area grass silage making is well advanced but yields are below average. Hay growth is slow with a light crop in prospect. Pastures are excellent and cereals are growing well. Strawberries are beginning to ripen with a heavy set of fruit. In the Annapolis Valley soil moisture conditions are slightly deficient in spite of heavy showers which greatly improved growing conditions. Potato stands are somewhat more uneven than usual with prospects about average. Grain pasture and hay conditions are good to excellent with haying having started on some farms. Crops of beans, peas and corn are in good to excellent condition. A heavy strawberry crop is anticipated. The set of apples, pears, peaches, plums and cherries is moderate with insects and diseases well controlled in commercial orchards.

Reports from Fredericton, New Brunswick, indicate that recent rains have maintained good growing conditions, although the hay crop will be lighter than expected due to dry weather earlier in the season. Timothy is now heading and clover beginning to bloom. Grain crops are progressing favourably, potatoes are better than average and most crops are ten days or more earlier than usual. Farmers have commenced weed spraying. Early potatoes and early peas are in bloom. Strawberry picking has begun with a heavy crop anticipated. Farmers are making grass and legume silage with better than average yields being obtained. Aphids are abundant but cutworms are relatively scarce. Ugly nest caterpillars are widespread and potato flea beetles are active. In the Perth district recent rains have improved hay crop prospects. Silage making is underway but yields are light. Grain crops are growing well now being 5 to 6 inches high. Potatoes are showing good growth and pre-emergence cultivating and spraying for weed and insect control are underway.

QUEBEC

Crops in the l'Assomption area benefited from the precipitation at mid-June. Meadows are good and flue-cured tobacco is progressing normally. Growers have almost completed planting cigar tobacco. Canning crops are very promising and conditions of small fruits and potatoes are good. In the St. John area a heavy rain of two inches on June 17 flooded crops on low lands without causing appreciable damage. On the same day a hail storm struck the apple crop in the Coveyhill district causing a variable amount of damage. Apple orchards are fairly free of scab and with the June drop now over a very fair crop is expected. Crops are generally doing well. Reports from Lennoxville indicate that the hay crop is good and pastures gained a good deal during the past two weeks. Cereals are very good while row crops are fair. At Ste. Anne de la Pocatière 2 inches of rain in the last four days was most helpful to all crops. Farmers have completed seeding cereals and germination is good and uniform. Pastures are described as excellent and meadows and row crops as good. Recent precipitation improved conditions at Normandin but more moisture is required. The temperature dropped to freezing on June 7 but no damage is reported. Hay and pastures are very good and grain crops also appear promising. Garden crops and potatoes are developing well and blueberries are described as very promising. Considerable insect activity is reported for this time of year. June weather at Caplan has been mostly cool with frequent showers and the mean temperature for the last fourteen days has been 52 degrees. Pastures are in good condition and hay crops are slowly improving. Cereals have germinated very well but development has been retarded due to cool nights. Very little progress is reported with garden crops.

ONTARIO

In the northern part of Simcoe County the major portion of the spring grain crop was planted between June 6 and 11. Acreage of both barley and oats will be down approximately 15 per cent and reduced yields are anticipated. The bulk of ensilage corn will be planted between June 15 and 23. Haying commenced about June 17 and the greater portion of this crop will be cut between June 20 and 25. Hay yields are excellent while pastures are providing abundant forage. In Bruce County farmers completed 95 per cent of seeding operations during ten days of good weather between June 8 and 16. Heavy rains on June 17 drowned out some grain in low-lying fields. Early-sown grain and some corn is making generally excellent growth but the corn crop will still be late. Hay and pasture are in excellent condition. Haying operations and cutting of grass silage have commenced in most areas of the county. Ninety per cent of spring-sown crops are now planted in Wellington County. However, some corn

silage remains to be sown if weather permits. Approximately 5 per cent of the spring grain has been drowned out as extremely wet weather persists. A few farmers have commenced haying operations while several have cut grass silage. Application of manure and fertilizer on hay and pasture fields has been delayed but most farmers are planning to do this work later as time permits.

Wet weather during the past week has again delayed farm work in Waterloo County. However, considerable good quality hay has already been stored and haying operations are general throughout the county. In Halton County the majority of spring-sown grains were seeded between June 7 and 10. Some silage corn remains to be planted on late fields. Fall wheat is showing both heavy stem and leaf growth. Haying operations are now in progress. Wet weather has interfered with chemical weed spraying. Growth of both hay and pastures is heavy.

Spring seeding in Middlesex County has been the most variable on record. Many farmers in the western part of the county have seeded no oats or barley while less than 25 per cent of corn and bean acreage has been planted. Some damage has occurred in most parts of the county due to heavy rains and subsequent flooding. Condition of winter wheat varies between 75 and 100 per cent. Spring grains vary from poor to good. Early corn germinated well but a considerable acreage remains to be planted. Haying operations are in progress but warm, dry weather is required. Pastures are good. The tobacco crop shows a good stand. The fruit set varies from good to below average. In Essex County recent excessive rains have delayed farm work but haying operations have now been resumed. Some crop damage has been reported but corn, soybeans and sugar beets are making fair growth. Winter wheat is developing rapidly and oats is heading. The potato crop is developing well. Harvesting of early truck crops is nearing completion while some celery is being harvested. Continued rainy weather on Pelee Island has delayed the completion of soybean planting with about 20 per cent of the crop not yet seeded. Stands vary from fair to good. Warm, dry weather is required. Winter wheat is heading although some lodging is noted already.

Heavy rains in Kent County from June 11 to 16 caused severe crop losses in parts of Dover and Chatham Townships. Approximately 3,000 acres of crops were almost completely destroyed by hail and about 30,000 acres were damaged by flooding. The crops particularly affected were corn, soybeans, sugar beets, white beans, tomatoes, peas and wheat. Elsewhere in the county crop conditions are good with yield prospects above average. Heavy rains during the past week have hampered haying operations. The corn borer moth flight has commenced. Seed-corn maggot has caused extensive damage to flue-cured tobacco. About 80 per cent of the normal spring grain acreage has been seeded in Norfolk County. There is an increase in the acreage of corn, buckwheat and summerfallow. Haying operations are general but the weather has been precarious. The potato crop never looked better and tobacco is making fair growth. Fruit crop prospects are good. In Lincoln County the peach set was irregular and some varieties indicate a light crop. The strawberry harvest is late but now is in full volume. Brown rot is reported in stone fruits and scab has appeared on apples and Bartlett pears. Downy mildew on grapes and botrytis rot in strawberries is widespread. All of these diseases have been increased by frequent rains during the past week. Plum curculio injury has been severe on a very light crop.

In York County of central Ontario an estimated 20 per cent of spring crop land was not seeded and most of this will probably be sown to winter wheat this fall. Growing conditions for all crops are now excellent. Haying operations are in progress but curing is slow. In Peterboro County harvesting of a heavy hay crop has been delayed by rain. Winter wheat is headed and should produce a good yield. Corn is growing well. Pastures are excellent.

The season is very late on poorly drained land in Dundas County with some fields requiring a second seeding. Haying operations are now underway and a fair crop is reported. Pasture yields are down due to winterkill of legumes. Apple prospects are good but scab is difficult to control at present. Haying is underway in Renfrew County and the crop is above average. Spring-sown grains have benefited greatly from recent showers and prospects are average. Fall wheat is in excellent condition but some lodging has occurred. The corn crop appears normal.

According to a report from Kapuskasing growth of both hay and pasture crops is good but was retarded by lack of rain during the first half of June. Grain crops are still at the rosette stage.

MANITOBA

Showery weather dominated Manitoba conditions during the past week and as a result crop growth was excellent but warmer weather is now needed. Seeding has been completed except for the occasional field which has been held up due to weed growth. Weeds are a serious problem in most districts and spraying is in full swing. Working of summerfallows is well advanced. Insect damage is reported in most districts but fortunately the damage has been light. Some control measures have been required, mostly for special crops. Hail has been reported from a number of districts over the weekend but damage is light to negligible except at Holland where fall rye was damaged. Pastures and hay crops are excellent and haying is now starting and with weather permitting will be in full swing next week.

At Altona in the southeast part of the province beet thinning is about 50 per cent completed. There have been some reports of cutworm damage in flax, sugar beet and sunflower crops but chemical control has been adequate where used. Re-seeding has been completed where necessary. About 20 per cent of the green manure crops have been worked down. Pastures are good and yesterday's rain was welcome. At Morden, seeding of late flax was completed last week and spraying for weeds is well underway. Generally crops are good but there has been some damage from heat and high winds. The hay crop is advancing rapidly and some fields are now ready to cut. About one-half an inch of rain last week helped relieve dry conditions. At Emerson, crop prospects look excellent and the growth is luxuriant. Moisture conditions are excellent. Weed-spraying is in full swing and work on summerfallow has started. Cutworm damage is evident, especially in gardens. The potato, pea and beet crops are very good. Farther west at Pilot Mound some re-seeding of crops infested with wild oats, is still taking place. However, in general, crops look excellent and the supply of moisture is abundant. Flea beetle damage is reported in some rapeseed fields and weed-spraying is becoming general. At Somerset, crop spraying is now underway and crops are growing well with ample moisture. Pastures are in very good condition. Only light insect damage is reported. In the southwest corner of the province, at Melita, scattered rains, totalling half an inch, were received recently. Seeding operations are complete and the crop outlook is fair. The hay crop is fair to good. Fall rye is fully headed but needs more rain.

Seeding operations are complete in the Portage la Prairie district and growth has been rapid. Moisture supplies are adequate and little damage of any kind is reported. Hay and pasture crops are good. Weed spraying is underway in cereal crops which now average three to four inches in height. The pea crop is excellent and sugar beet thinning has begun. There has been some re-seeding due to wild oats. Summerfallow acreage is expected to decrease by 10 per cent. At Beauséjour, all crops are making excellent growth. There have been a few reports of heat and wind damage to flax.

Cereal seedings are in the two and three leaf stage. Rainfall received to date is slightly above normal. Crop spraying is general. Hay and pasture are in very good condition.

At Brandon, seeding is complete except for the occasional field of flax. Moisture conditions are excellent and the prospects for grain crops are very good. Wild millet and wild oats are still a menace however. The growth of hay is heavy. Seeding has also been completed at Virden and spraying is now well underway. Special crops look excellent but some fields are heavily infested with wild millet. Cutting of early clover fields has begun.

In the Interlake region at Teulon, seeding has been completed and crops are now ready for spraying. There was some light hail damage on June 18 but generally crops are growing very well. Wild oats are quite a serious problem on many farms. Some rapeseed fields have been damaged by flea beetles but spray control measures are being undertaken. Seeding is also virtually completed at Arborg. Isolated cases of cutworm, wireworm and sun-scale damage have been reported. Flea beetles are also evident in some fields but damage so far has been light. Chemical spraying for broad leaved weeds and cutworms is in progress. Wild oat infestation is serious on some farms. Hay and pasture crops are in good condition.

In the west-central part of the province, around Neepawa, favourable growing conditions have greatly helped seeded crops. Seeding is now virtually completed. A better than average hay yield is in prospect. There has been some cutworm damage to crops and some fields are heavily infested with weeds. Spraying is now in progress. Moisture supplies are sufficient for one week's growth. At Minnedosa, seeding has also been completed but crop growth is late. Pasture and hay crops are above average. Weed-spraying has started. The moisture supply is good but a rain now would help growth. Gardens are also late and there has been some cutworm damage, but nothing serious.

In the northwest part of the province, at Dauphin, cereal seeding is almost complete and some early-sown flax was re-seeded to barley due to seedling blight and heat canker. Weed spraying is well advanced. Soil moisture supplies are ideal in most areas but excessive in the northern portions of the district at Pine River, where seeding is only 60 per cent completed. Pastures are lush.

Grasshoppers continue to hatch throughout the forecast areas of the province. However, cool, wet weather combined with excellent growth in pastures and along roadsides will help to minimize damage. Some marginal damage is occurring in newly-emerged grain fields in the Red River Valley.

Average precipitation for the province since April 1 is 6 per cent below normal compared with 0.2 per cent below normal a week ago, and in contrast to 10 per cent above normal two weeks ago and 5 per cent above normal a year ago. Mean temperature for the week ending June 20 was 1.7 degrees below normal compared with 2.8 degrees above normal a week ago, 0.6 degrees below normal two weeks ago and 1.9 degrees above normal for the week ending June 22, 1959.

SASKATCHEWAN

Crop growth throughout most areas of Saskatchewan is reported good with average height of wheat estimated at 7 inches and coarse grains at 5 inches. Subsoil moisture conditions vary from excellent to fair with rain needed in the southwestern and westcentral districts. Rains during the past week improved the moisture situation but it is still inadequate along the Alberta border.

Our correspondents at Willmar and Fillmore in southeastern Saskatchewan report that crop and pastures look very good and have been greatly improved by recent heavy rains. At Fillmore, recent rains caused uneven emergence in flax and some re-seeding is being done. Slight frost damage in low lying areas was also reported. Harvesting of the 1959 crop, left out under the snow during the past winter, is now completed. Rains have been hampering summerfallowing operations and crop dusting. Further north at Indian Head, the Experimental Farm reports that all grain and hay crops in the Indian Head area are making excellent growth and rains of the past two days will assure sufficient moisture for continued good growth. Summerfallow operations have been completed and spraying operations for wireworms, cutworms and grasshoppers are underway; as yet no reports of serious insect damage have been received.

In the southwestern part of Saskatchewan, the Dominion Experimental Farm at Swift Current reports that dry, windy weather during the first half of June forced early-seeded wheat into the shot blade. Recent good rains, however, have temporarily restored the moisture situation and prevented rapid deterioration of crops. Pastures are badly depleted and practically no hay crop can be expected on dry land. Further north and west at Leader, crop growth is reported slow due to persistent cool, cloudy weather. The Moisture supply is going down due to the lack of any important amount of precipitation. Native pastures are turning brown. All fields have been sprayed for weed control. The grasshopper outbreak is moderate with extensive spraying for control. Warm weather is needed.

In the Togo district of east-central Saskatchewan, heavy rains have further improved good crop prospects. Outside of some wild oat infestation, there has been no crop damage. Spraying is well advanced. The hay crop should be above average and pastures are excellent. At Willowbrook, crops are just about in the shot blade and hay crops are reported to be good. Frost last week damaged gardens and early flax. Weather is very unsettled and temperatures are below normal. Further north at Sturgis, rainfall is reported to be above the long-time average and crops look good; forage crops are better than average.

Our correspondent at Drake, in central Saskatchewan, reports that the grain crop is unusually weedy and chemical spraying has been delayed by high winds and showers. Summerfallow fields are still unworked and weedy. The fall rye crop is headed out. Grain growth is good but one week late. Moisture conditions are very good.

At Rosetown, in west-central Saskatchewan, our correspondent reports that all crops are above ground and wheat averages 9 inches in height. Moisture is adequate and prospects for the crop are excellent. Weed spraying is almost completed and summerfallowing is underway. The Experimental Farm at Scott reports that most grain crops in northwestern Saskatchewan are shorter than normal due to cool and relatively dry conditions. Fifteen per cent of the intended acreage north of Scott has not been seeded and rains are needed. Some cutworm damage is evident. In some areas, harvest of last year's grain crop cannot be completed due to weed growth.

In the northeast corner of the province at Nipawin, the crop is growing well and moisture is plentiful. Increased acreages of rapeseed, flaxseed and potatoes have been seeded this year. Pasture and forage crops are very good and weather cool. Further east at Melfort frequent showers and warm weather combined to give crops an excellent start. Germination of late-seeded grain was uniform and rapid. No insect or other damage has been reported to date. Fall rye is heading and stands are good. Pastures and hay are in good condition and the crop outlook at the present time is very promising.

At Moeta, crops and pastures are good and the overall prospects are promising. Spraying for weed control is well underway.

Hail was reported at the following points on June 16, 17 and 19: Oxbow, Alida, Auburnton, Lampman, Steelman, Benson, Carlyle, Manor, Viewfield, Huntoon, Vanguard, Regina, Unity, Cut Knife, Gainsborough, Carnduff, Carievale, Browning, Admiral, Crichton and Glenbain.

Moderate infestations of grasshoppers is reported in many districts of western Saskatchewan. Pale western cutworms are reported to be damaging fields around Colonsay, Langham, Rosetown and Wilkie where extensive spraying is underway. Flea beetles are endangering the rape crop at Hudson Bay, Canora and Meadow Lake.

Average precipitation for the province since April 1 has been 14 per cent below normal compared with 20 per cent below normal a week ago, 9 per cent below normal two weeks ago and 39 per cent below normal a year ago. Mean temperature for the week ending June 20, 1960, was 2.4 degrees below normal compared with 3.1 degrees above normal a week ago, 2.0 degrees below normal two weeks ago and 1.6 degrees above normal for the week ending June 22, 1959.

ALBERTA

In Alberta, moisture requirements are increasing as crops advance. Supplies are still good in the northern and western regions and abundant in the Peace River area. Moisture conditions to the east and south of Edmonton are only fair to inadequate and a good rain would be particularly welcome east of a line from Vegreville. The southern parts of this area were receiving rain yesterday. Reports so far indicate cutworm damage has been much lighter than expected. Grasshopper spraying is underway in the areas from Brooks to Three Hills and from Schuler to Provost.

At Manyberries, in the southeast part of the province, all crops are doing well and some early fields are stooling. Second operations on summerfallows have been completed and range and livestock are in good condition. Soil moisture supplies are good. At Medicine Hat, moisture supplies are poor in many areas and stubble crops are burning and others will suffer soon if no rain is received. Fall rye is turning early and wheat and oats are in shot blade. Barley is starting to head. Pastures are dry.

South of Calgary, soil moisture conditions continue satisfactory but a good rain would be welcome, particularly east of Taber. All crops, including sunflowers and range pasture, are generally satisfactory, but late. Fall rye is in head and winter wheat starting to head and thinning of a good stand of sugar beets is well advanced. Grasshopper hatching is general but the late spring caused some reduction in expected numbers. There has been slight damage to crops and spraying has started.

The weather at Brooks has been dry, cool and windy with scattered showers. A good general rain is now needed. Some grasshopper outbreaks have occurred and these are being controlled by chemical sprays. Browning rootrot is noted in late-seeded wheat in one area but most crops look good. Pastures are very dry. At Hanna, crops have improved following a steady rain yesterday afternoon. The weather has been cool and dry since the last report but crops have been holding up well due to the cool weather. On the other hand pastures and hay land have suffered. Some worm damage is evident in late-sown fields. Winds have been strong during the past two weeks. At Calgary, recent rains are maintaining good moisture conditions and crops are making good progress. Spring-sown crops average about 6 inches in height while fall rye is about 20 inches high and nearly all headed. Conditions generally are very good.

Heavy rains yesterday at Olds came at an opportune time and moisture conditions are now satisfactory for another week. All crops are doing well and there has been no damage from any source. Crops at Donalda have survived the recent dry, windy spell very well. This may be due to the cool weather and late seeding which retarded crop growth. However, good rains and warmer weather could bring the crop along rapidly. Wheat is up about 6 inches but oats, barley and flax are barely showing above ground. About half an inch of rain was received on Sunday and Monday and this storm was accompanied by hail in some sections. Crop conditions are now fairly good.

In the west-central part of the province around Red Deer, cool, unsettled weather has delayed crop growth and high winds have caused some soil drifting and evaporation of surface moisture. A general rain is required. Pasture and hay crops are below normal. Some damage from cutworms is reported and germination of rapeseed has been uneven. At Lacombe, crop growth has been slow due to cool weather. Fall rye is headed out. Pastures are badly in need of moisture. High winds on June 16 caused some soil drifting and frost was reported in local areas on June 17. The weather has been cool and unsettled during the past week at Eckville. Surface and subsoil moisture supplies are good and crops range from 5 to 12 inches high. Some 25 per cent of the weed spraying has been completed and 70 per cent of the summerfallows have received the first operation. Hay and pasture crops are fair to good and crops generally are looking well although warmer weather is needed.

At Vermilion, in the northeast part of the province, one and a half inches of rain during the past two weeks has resulted in rapid crop growth and wheat is now up about 6 inches. The weather has been cool and windy, and warmer weather would be welcome. This district is expecting an excellent hay crop this season. At Edmonton, recent showers have also maintained good moisture conditions but cool weather has retarded growth. Crop conditions remain good but warmer weather is needed to hasten development. At Colinton rainfall since May 1 has totalled 6.3 inches. Seeding has been completed but crops are slow because of the cool weather. Some light frost is reported but this caused no damage. Hay and pasture crops are progressing well.

In the Peace River area, at Fort Vermilion, surface moisture supplies continue adequate for crop growth but subsoils are dry. All crops are in good condition and are responding well to warm weather and occasional showers. Annual weed infestation is severe. At Beaverlodge, continued wet weather is bringing on grass crops but warmer weather is needed to hasten development of cereals. Late-seeded crops are doing poorly and some flea beetle damage is reported in rapeseed fields. At Berwyn, moisture conditions are excellent and seeding has been completed. There has been little or no insect damage as yet but some sweet clover weevils are working. Fall rye is in head and hay, pasture and grass seed crops are improving rapidly. Cereal crops are doing well but need warmer weather.

According to the Alberta Hail Insurance Board the period from June 15 through June 20 produced heavy hail at Stavely, Donalda, Fabian, Beauvallon and from Vimy to Morinville. However, with favourable weather conditions, the final damage from these storms will be light.

Average precipitation for the province since April 1 has been 8 per cent below normal compared with 9 per cent below normal a week ago, 2 per cent below normal two weeks ago, and 16 per cent below normal a year ago. Mean temperature for the week ending June 20 was 2.4 degrees below normal compared with 1.1 degrees above normal a week ago, 2.7 degrees below normal two weeks ago and 2.2 degrees below normal for the week ending June 22, 1959.

BRITISH COLUMBIA

Cereal grains and seed peas, although sown later than normally, are making a favourable growth in the West Kootenay region of British Columbia. First cutting of alfalfa, which should commence very soon, is expected to be average. All tree fruits are sizing well. Raspberries are expected to produce above average yields, but strawberries, which suffered some winter injury, are estimated to be below average.

The very heavy apricot crop is expected in the South Okanagan Valley. Shipments of sweet cherries from the Oliver, Osoyoos areas have already started and should reach commercial proportions by June 27. All crops are sizing well.

Cool and showery weather which prevailed over the Lower Fraser Valley for the last two weeks has slowed down haying operations and also retarded development of corn and beans. Strawberry picking is well underway and prospects are good, if weather improves. Raspberries are somewhat delayed but the outlook is good. Pasture conditions are satisfactory.

Crop prospects on Vancouver Island are reported to be excellent. Soil moisture is more than adequate. A bumper crop of first quality hay is being harvested. Early potatoes, head lettuce, spinach, beans and carrots are just coming on the market. Although the marketing of early potatoes are late for this time of year, the quality is good.

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 20,1960	April 1	April 1	June 20 1960	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Pierson	N.R.	4.00 ^{2/}	5.36	N.R.	62
	Waskada	.06	3.75	5.37	59	61
2	Boissevain	.53	6.44	5.49	60	61
	Deerwood	.76	5.12	5.26	60	62
	Ninette	.81	5.11	5.91	61	62
	Pilot Mound	.69	5.50	5.38	60	60
3	Portage la Prairie	.37	4.25	5.18	61	63
	Graysville	1.17	4.64 ^{2/}	5.04	60	63
	Morden	.59	4.01	5.49	64	63
	Altona	.41	3.7	4.94	63	62
	Morris	.44	4.53	4.77	62	64
	Roland	.10	3.48	5.08	62	63
	Gretna	.25	3.54	5.09	60	63
	Emerson	.45	5.25	5.08	61	64
	Stonewall	.92	5.30	4.90	59	62
4	Winnipeg	.81	4.49	4.91	61	62
6	Sprague	.15	5.53	5.65	59	60
	Seven Sisters Falls	.29	4.80	4.47	58	61
	Steinbach	.41	5.03	5.32	60	62
7	Virden	.69	4.09	5.02	59	62
	Reston	.56	3.63	5.19	62	62
	Rivers	.63	5.65	5.40	61	60
8	Brandon	.56	6.60	5.54	61	62
	Cypress River	.93	4.29	5.09	62	62
9	Neepawa	.39	4.21	4.91	60	61
	Grass River	.76	2.55	5.07	59	61
10	Russell	.87	5.23	4.48	58	59
	Rosburn	N.R.	5.38 ^{2/}	4.57	N.R.	60
	Birtle	.55	5.74	4.57	59	60
11	Dauphin	.50	4.90	4.78	59	63
12	Gimli	.70	6.03	4.88	58	62
13	Swan River	.64	4.58	4.05	57	61
	The Pas	.55	5.02	3.75	56	60
MANITOBA AVERAGE		.56	4.75	5.03	60.0	61.7
SASKATCHEWAN						
1A	Estevan	.58	4.29	5.05	61	62
	Carlyle	1.08	4.58	4.69	58	60
	Oxbow	N.R.	3.09 ^{2/}	5.18	N.R.	62
	Willmar	.76	3.84	4.88	N.R.	N.R.
1B	Broadview	.85	4.37	4.79	57	58
	Moosomin	.76	5.60	5.16	60	61
2A	Yellow Grass	1.58	3.88	4.42	59	61
	Creelman	1.18	4.41	4.58	59	60
	Weyburn	1.11	3.79	4.56	60	61
	Midale	N.R.	2.51 ^{2/}	4.64	N.R.	61

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 20,1960	since April 1	since April 1	June 20 1960	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2B	Moose Jaw	.74	3.53	4.60	61	62
	Regina	2.36	5.55	4.60	60	61
	Francis	1.51	3.20	4.22	58	60
	Qu'Appelle	.66	4.46	5.35	59	60
	Indian Head	1.01	3.76	4.78	58	61
	Wilcox	1.94	5.19	4.47	60	61
3AS	Assiniboia	.15	3.37	4.66	60	61
	Ormiston	.65	3.74	4.67	61	61
	Readlyn	.08	2.63	4.67	61	61
	Minton	.16	2.12	5.16	59	62
	Cardross	3.38	6.60	4.78	59	61
	Ceylon	.10	1.87	5.15	59	61
3AN	Chaplin	1.45	2.95	4.18	59	61
	Gravelbourg	2.67	4.81	4.05	60	61
	Coderre	.53	2.52	4.44	61	61
3BS	Shaunavon	.28	3.37	4.30	59	60
	Cadillac	N.R.	1.53 ^{2/}	4.93	N.R.	61
	Pambrun	1.95	4.12	4.38	60	61
	Aneroid	.23	2.13	4.62	59	61
	Instow	.18	2.78	4.58	59	61
	Pennant	1.20	3.38	4.31	58	61
3BN	Swift Current	.89	4.03	4.66	58	61
	Hodgeville	N.R.	1.38 ^{2/}	4.32	N.R.	61
	Hughton	.34	2.67	3.67	57	63
	Maple Creek	N.R.	2.81 ^{2/}	4.15	N.R.	61
4A	Consul	.11	2.84	3.85	58	59
	Abbey	.11	3.11	3.72	59	61
5A	Cupar	1.93	5.26 ^{2/}	4.24	59	60
	Leross	N.R.	3.41 ^{2/}	4.49	N.R.	56
	Lorlie	1.39	6.09	4.49	53	56
	Melville	.68	3.36	4.23	57	60
	Yorkton	.48	3.43	4.20	58	60
	Bangor	.72	3.04	4.44	58	60
5B	Dafoe	.79	4.77	3.90	56	61
	Foam Lake	.44	4.22	4.63	56	59
	Lintlaw	.94	7.06	4.51	54	57
	Kamsack	.45	3.18	3.87	57	60
	Arran	.67	3.34	3.97	56	58
	Davidson	N.R.	N.R. ^{2/}	4.10	N.R.	61
6A	Dilke	N.R.	2.63 ^{2/}	4.14	N.R.	N.R.
	Imperial	.95	2.55	4.35	57	60
	Semans	.92	4.60	3.78	59	60
	Strasbourg	1.33	4.85	4.49	58	59
	Watrous	1.11	3.51	4.01	57	59
	Harris	1.30	2.96	3.70	56	60
6B	Outlook	.50	1.89	3.63	56	62
	Saskatoon	.42	3.63	3.81	57	61

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

Province and Crop District	Station	Precipitation			Mean Temperature		
		Week ending 8 a.m. June 20,1960	Total since April 1	Normal since April 1	Week ending 8 a.m. June 20 1960	Normal	
			- inches -		- degrees F. -		
SASKATCHEWAN (concluded)							
6B	Elbow	2.26	4.20	3.99	56	62	
	Tugaske	.85	2.85	4.49	59	60	
	Dundurn	.94	2.92	4.04	57	61	
	Rosthern	1.17	4.51	3.80	54	61	
	Alsask	.25	1.71	3.43	58	61	
	Kindersley	.36	2.54	3.28	57	60	
7A	Rosetown	1.04	3.42	4.02	56	59	
7B	Macklin	.19	2.05	3.89	56	58	
	Scott	.17	2.09	3.93	55	58	
	Biggar	.42	2.62	3.91	58	61	
8A	Hudson Bay	.98	4.51	4.17	54	57	
	Porcupine Plain	.88	4.90	4.49	54	56	
	Prairie River	1.25	4.63	4.33	54	56	
8B	Humboldt	.54	3.14	4.01	55	58	
	Melfort	.76	4.50	3.98	54	60	
9A	North Battleford	.63	2.77	3.70	55	61	
	Victoire	N.R.	3.86 ^{2/}	3.24	N.R.	58	
	Prince Albert	1.30	3.68	4.32	54	59	
	Island Falls	.03	3.58	3.88	54	55	
	9B	Waseca	1.51	4.25 ^{2/}	4.03	53	57
	St. Walburg	N.R.	3.78 ^{2/}	3.88	N.R.	57	
SASKATCHEWAN AVERAGE		.90	3.71	4.30	57.5	59.9	
ALBERTA							
1	Bindloss	N.R.	N.R.	3.25	N.R.	61	
	Empress	.06	1.96	2.84	60	61	
	Excel	N.R.	2.02 ^{2/}	N.R.	N.R.	N.R.	
	Foremost	.43	3.40	4.88	62	61	
	Hanna	.02	2.96	3.76	56	60	
	Manyberries	.56	5.07	3.58	60	61	
	Medicine Hat	.03	3.03	4.07	61	63	
	Naco	.06	2.93	3.50	53	60	
	Oyen	N.R.	N.R.	3.37	N.R.	59	
	Winnifred	.11	2.27 ^{2/}	4.21	N.R.	62	
2	Brooks	N.R.	2.28 ^{2/}	3.86	N.R.	61	
	Drumheller	.50	2.87	3.58	56	61	
	Gleichen	.32	3.03	4.35	57	58	
	Hays	.17	2.43	3.84	60	61	
	Hussar	.19	3.14	4.13	N.R.	N.R.	
	Raymond	.96	5.30	5.25	58	60	
	Lethbridge	1.08	4.94	5.34	60	59	
	Strathmore	.15	2.81	4.89	55	57	
	Taber	1.02	4.05	4.45	61	57	
	Three Hills	.39	3.27	4.44	56	57	
3	Trochu	.15	2.49	4.84	55	58	
	Vulcan	.15	4.57	4.83	52	59	
	Calgary	.98	4.51	5.40	54	56	
	Cardston	.20	3.75	5.88	56	58	



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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 20,1960	since April 1	since April 1	June 20 1960	Normal	
		- inches -			- degrees F. -		
<u>ALBERTA</u> (concluded)							
3	Cowley	.43	3.00	6.03	55	55	
	Fort MacLeod	.20	3.67	5.64	59	60	
	High River	.97	4.51	6.71	53	55	
	Jasper	.49	5.56	2.84	52	56	
	Magrath	.66	5.39	5.67	58	58	
	Olds	.32	4.24 ^{2/}	5.41	54	55	
4	Alliance	N.R.	3.11 ^{2/}	4.21	N.R.	57	
	Camrose	.92	1.14 ^{2/}	4.02	54	57	
	Coronation	Trace	2.12	3.37	54	58	
	Hardisty	N.R.	1.93 ^{2/}	3.51	N.R.	N.R.	
	Hughenden	.11	2.17	3.79	55	58	
	Lloydminster	1.09	4.19	3.72	53	58	
	Stettler	.11	1.67	4.72	57	57	
	Vegreville	1.07	2.94	3.88	54	58	
	Vermilion	1.04	3.73	3.81	55	57	
5	Edmonton	.13	3.01	4.72	55	59	
	Lacombe	.19	2.66	5.35	56	57	
	Red Deer	.13	3.70	4.88	55	56	
	Rocky Mountain House	.34	4.59	6.21	53	56	
	Wetaskiwin	.71	3.33	4.76	56	57	
6	Athabasca	2.02	6.62 ^{2/}	4.03	53	56	
	Campsie	N.R.	2.54 ^{2/}	4.59	N.R.	56	
	Edson	.37	4.48	4.95	52	54	
	Elk Point	2.60	6.31	3.94	52	55	
	Embarras	Trace	4.43	2.90	57	58	
	Lac la Biche	1.28	4.85	4.11	53	58	
	Whitecourt	.66	3.96	5.02	52	55	
	Beaverlodge	1.88	8.58	3.53	53	56	
7	Berwyn	1.35	4.13	3.18	52	55	
	Fairview	1.40	4.88	3.82	53	56	
	Ft. Vermilion	.01	2.81	3.05	58	57	
	Grande Prairie	1.79	6.81	3.49	53	56	
	High Prairie	.60	2.71	4.01	54	57	
	Rycroft	2.09	7.40	3.36	54	57	
	Wagner	1.00	5.39	3.70	52	56	
	ALBERTA AVERAGE		.64	3.97	4.30	55.4	57.8

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