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## Field Crop Reporting Series — No. 7

### TELEGRAPHIC CROP REPORT — CANADA

This is the second of the 1972 series of six telegraphic reports, issued by Statistics Canada, covering crop conditions throughout Canada. Included in this report is the fourth of a series of eleven 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. — Throughout the Maritime Provinces the cold spring has delayed planting operations until the latter half of May. Our correspondent in Prince Edward Island reports at least a 50 per cent winterkill for strawberries and extremely serious winterkill of wheat. Seeding operations for spring grains commenced around May 20 with about 50 per cent now completed. To date there has been little seeding of vegetables although approximately 35 per cent of the potato crop has been planted. Planting of the tobacco crop is now about 10 per cent completed and operations should become general this week. Pastures have shown severe winter injury with less damage on hay lands. There has been slow growth due to the cold spring.

In Nova Scotia hot, warm weather during the latter half of May has dried the ground considerably, allowing most farmers to complete their seeding operations. However, considerable rain during the past few days has slowed planting. Growth of pastures has been slower than normal with some evidence of winterkill.

In New Brunswick cold weather in early May delayed fruit bud development, however, recent warm weather has resulted in very rapid growth. Strawberries are showing a reduced bloom while blueberries have an abundance of blossoms. Seeding and transplanting of vegetables is almost completed in the highland areas and early-planted fields are now emerging. Grasses and legumes have shown severe winter injury. Forage crops were two to three weeks late but have recently progressed rapidly. Forage stands are thin and pastures are late. Seeding of cereal grains was completed quickly due

Agriculture Division,  
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to favourable weather conditions. Emergence has been rapid and already cereal grains are off to a good start. Seeding of corn has also been completed. Moisture conditions are excellent.

Quebec. — During the last 2 weeks of May temperatures in most of the province have been better than normal. Rains during the last week replenished soil moisture supplies which had been getting low during this dry period. Weather conditions for field work have been favourable. Although, most regions of the province were two weeks late growth is now normal. Central and southwest of the province have almost completed planting of field crops. The Gaspé and lower St. Lawrence area are a little late. Cereal growth is generally good. The market gardeners are actively engaged in field work and conditions are normal. Planting of potatoes is now finished in the regions around Montreal and southern areas of the province and is progressing rapidly in the other districts. Legumes in hay and pastures were seriously damaged last winter and in many regions reseeding was necessary. In the regions around Quebec, Nicolet, St. Hyacinthe and Sherbrooke, strawberries were heavily damaged during the winter. Transplanting of tobacco is finished and crop prospects are good. Apple trees are showing very good bloom and spraying programs are normal. Cattle are grazing and milk production is now normal.

Ontario. — Crop growth in Ontario had been lagging by the end of May, but due to recent rains growth is excellent and development is now near normal. Seeding of spring grains and corn is almost completed in southern, western and central Ontario while in eastern and northern counties, seeding is generally 80 to 85 per cent finished. Early-seeded fields, pastures and hay are showing excellent growth. Planting of soybeans is well under way while only a few white beans have gone in this far. Approximately 50 per cent of the flue-cured tobacco has been transplanted. Most tomato transplanting has been completed in the Essex-Kent area, while early potatoes in the area are maturing quickly and first arrivals are expected in early July. In the Niagara Peninsula, all fruit blossoms have fallen except for apples. Expectations are excellent for all fruit crops.

Prairie Provinces. — Prairie farmers have made good progress with seeding activities during the past two weeks. It is estimated that between 80 and 85 per cent of all crops have been sown in Saskatchewan and Alberta while Manitoba reports that seeding operations should be finished by the end of next week. Practically all of the wheat has been sown. Moisture conditions are favourable throughout much of Manitoba and parts of Saskatchewan but in central and northern Saskatchewan and in many districts of Alberta more rain is required soon as conditions are dry. Weed growth particularly wild oats has been heavy and is proving troublesome in some areas. Grasshoppers and other insects are reported active and the situation is being watched.

#### PLANT DISEASES AND GRASSHOPPERS

The Canada Department of Agriculture Research Station in Winnipeg reports that wheat stem rust and wheat leaf rust are widespread throughout the winter wheat region of the United States. Infections are light but Inoculum is available for movement northward. Oat rusts are scarce at present in the United States. A few leaf rust and stem rust spores have been found in spore traps in Western Canada. On June 5 leaf rust was found in early-sown fields of wheat in the Red River Valley. All spring wheat and germ wheat varieties are resistant to the prevalent races of stem rust but considerable infections of leaf rust are anticipated if conditions remain favourable for rust development.



The major grasshopper problem area in Manitoba continues to be the Red River Valley. Extensive control measures have been under way in the St. Malo, Arnaud, Dominion City, Altona, Rosenfeld and Morris districts. Egg hatching is well advanced and should be completed by the end of this week. Although movement into crops have been common it has been largely confined to margins by timely and effective control. In the Neepawa, Carberry and Melita districts hatching is continuing. However, good vegetative growth on hatching sites has prevented widespread movement.

British Columbia. - Weather conditions throughout the province have altered sharply from the record low temperature of early spring, to warm and dry in all areas. Rainfall had been below average during May, with several new records being established in terms of rainless days. In coastal areas berry crops look promising with an average strawberry harvest expected to commence in ten days. Blueberry and cranberry crops should exceed 1971 levels but loganberries will be reduced. Early-lettuce harvest has commenced and early-cabbages are expected on the market within one week while other crops are running about two weeks behind normal. Greenhouse tomatoes and cucumbers are yielding well. Present indications in the Okanagan Valley, point to an average apple crop and above average yields of apricots and Bartlett pears. Other tree fruits will likely yield below the long term average. An increase is indicated in grapes. The asparagus harvest is well under way and the first field tomatoes are in full blossom. In the Peace River, late seeding of barley is nearing completion and wheat is emerging in some areas. Rainfall is badly needed throughout the district. Total seeded acreage is down in cereal crops and emergence is poor due to the extended dry weather.

#### MARITIME PROVINCES

In the Charlottetown area of Prince Edward Island severe winter injury has been reported on legumes, grasses and winter wheat. Leaves have just emerged on deciduous trees due to the late spring. Light crops are anticipated for hay and pastures. Strawberries have shown severe winter injury with prospects of about a 30 per cent normal crop. About 20 per cent of the projected tobacco crop is now planted. Corn planting is progressing slowly with half of the crop now seeded. One-third of the potato crop is now planted. Warm, sunny weather is required for all crops.

In the Amhurst area of Nova Scotia growing conditions have been good but pastures are a little below average. At Truro, Nova Scotia seeding activities are at a peak. Grain and corn crops are about 70 per cent completed with the planting of commercial areas. Early-seeded grains have emerged and strawberries and blueberries are now in bloom. Most areas have experienced heavy winterkill on strawberries. Grass growth is very good with young cattle now on upland pastures. The lowland and marsh areas are still rather soft. In the Kentville area of Nova Scotia there has been warm weather during the past two weeks. Most seeding operations have been finished during this period with potatoes, grain and corn about 60 per cent completed. Pastures are fair although severe winterkill is reported on some legumes. All seeded crops have shown rapid emergence.

Our correspondent at Perth, New Brunswick, reports excellent weather during the last two weeks of May allowing for good progress with seeding operations. A heavy rain last week stopped seeding; however, farmers have commenced operations again with the clearing weather. Seeding is now approximately 75 per cent completed. Hay and pastures are making good growth with the ample moisture and a good crop is anticipated. Small fruits are now in blossom.

QUEBEC

Hot, dry weather in the region around L'Assomption has finally allowed normal planting but conditions are still late. Planting of onions, early potatoes, carrots and lettuce has been completed along with 50 per cent of the celery crop. Fruit bloom has generally been heavy but cold wet weather during pollination has caused disease problems and spraying is heavy. New grafts were seriously affected by dry weather in late May. Raspberry canes in this region have experienced little winter damage but they have seriously suffered from disease organisms.

As of June 4, farmers in the Lennoxville area had seeded 50 per cent of the grain crop. Almost 50 per cent of the legumes in hay and pasture crops has been destroyed by the harsh winter. Rapid growth is reported in the area to date. By the end of May more than a hundred thousand strawberry plants had to be replaced.

At Normandin, heavy precipitation in early June proved beneficial to early seedings and meadows. Winter damage has not been serious. Seeding operations will be completed shortly and early-sown cereals are at the leaf stage. Cattle are thriving on good pastures.

ONTARIO

In Essex county of southern Ontario welcome rains were received during the last few days of May and early June. Corn planting is completed while about 30 per cent of the soybean crop remains to be seeded. All other crops are planted and doing very well. Lettuce and cabbage are now moving to market. Indications are that there has been a good pollination on fruit with the exception of peaches. Warm, dry weather in Kent county during the third and fourth week of May brought field operations back to normal. Seeding of corn is completed and planting of soybeans is almost finished. Acreage of spring grains is down considerably due to a late start. Winter wheat is in good condition and land is now being prepared for planting of white beans. Hay is growing well and cutting of alfalfa is just commencing. Winterkill of alfalfa has been severe in some areas and there are reports of damage from wire worms in untreated tobacco plants. Growth is excellent in Middlesex county and planting of corn and soybeans is almost finished. Seeding of white beans is underway and cutting of forage has commenced. Adequate to excessive moisture and near-normal temperatures in Norfolk county have promoted rapid germination and early growth of spring grains and corn. Seeding operations are almost completed. Wheat and rye are making good growth and fruit and vegetable crops look good. Damage from alfalfa weevils is causing some concern.

Winter wheat is now making good progress in Simcoe county and corn has reached the three leaf stage. Haying will commence within the next ten days and yields are expected to be average to below average. In Bruce county seeding of spring grains is almost completed but germination has been uneven. Corn planting is about 75 per cent finished while pastures are in good condition although more rain is required. Nitrogen deficiency is showing up in some fields. Growth of spring grains and hay crops has advanced well in Waterloo county as a result of recent rains. Haying operations are expected to commence this week, but alfalfa weevils are becoming a problem. Corn is growing very well. Moisture supplies are now adequate in most areas of Wellington county. Two weeks of dry, warm weather had allowed seeding operations to proceed rapidly. In spite of the dry weather germination was good. First crop hay will be reduced somewhat and haylage operations will be getting under way next week. Seeding operations are 95 per cent completed following two weeks of sunny weather in Halton county. Recent rains have been very welcome. Haying operations



will commence next week and yields are expected to be below normal. Potatoes are growing well although development is about ten days late. Spraying of corn and spring grains is general.

In Durham county of central Ontario seeding of spring grains is completed and only a small acreage of corn and peas remain to be planted. Recent rains have been beneficial to all crops as well as hay and pastures. In Peterborough county the latter half of May was hot and dry and all crops made good growth. Seeding operations are still behind normal due to the late spring. Spraying operations are general and haying operations will commence later this week.

In Leeds county of eastern Ontario about one more week of good weather is required for completion of spring seeding. Hay fields are developing slowly and there is scattered evidence of winterkill in alfalfa. Pastures have been slow although moisture reserves are excellent. Dry, sunny weather during the last half of May provided excellent seeding conditions in Renfrew county. Welcome rains in late May and early June have provided rapid germination of spring grains and stimulated growth of hay and pastures. Winterkill is reported to be considerable in this area and as a result acreage of silage corn will be increased.

A report from Kapuskasing in northern Ontario indicates that most spring grains and potatoes have been seeded with some cereals in the two and three leaf stage. Rains which fell at the end of the month resulted in improved conditions for both hay and pastures. In the Thunder Bay District periodic showers and warm temperatures have brought about almost ideal growing conditions during the past two weeks. Seeding of spring grains and potatoes is almost completed and pastures are reported to be in excellent condition.

#### MANITOBA

Moisture supply is favourable throughout most of the province. Seeding operations will be completed by the end of next week. Rapeseed is being reseeded on some farms in the Hamiota and Minnedosa districts due to frost. Grasshoppers, flea beetles and cankerworms are causing some concern and some spraying is now in progress. Some 10 per cent of the 1971 wheat crop in the Minnedosa area is still unharvested.

Around Vita seeding operations are about 95 per cent complete. Some fields have germinated poorly due to extended dry conditions. Rainfall has been scattered and pastures are generally good. Rain is needed in most of the southeast. Our correspondent reports some grasshopper damage along roadsides and the presence of flea beetles on rapeseed crops. At Altona rain is needed in order to avoid forage crop shortages. Due to the inadequate amounts of moisture germination has been spotty up to this point in time. Insect problems have been reported as being serious in some areas. Seeding operations are generally completed but plant growth is generally slow.

Around Morden rainfall of one-third to three-quarters of an inch over the past weekend provided much needed moisture. Seeding will be completed by the weekend and the first cultivation of corn, sunflowers and sugar beets will occur this week. Deep hoeing and onion weeding are also under way. Scattered reports of grasshopper and cutworm damage have been received. Several fields of sunflowers have been severely infested with sunflower beetles and field spraying should be general by the weekend. Heavy wild oat infestations are occurring in many fields.

Our correspondent at Somerset reports good growth. Heavy weed growth has also been experienced but is now under control by cultivation. Seventy-five per cent of the seeded crops has been sprayed. Pasture growth appears to be good. In southwestern Manitoba at Melita precipitation during the past week has been between 0.1 and 2.2 inches. Moisture conditions have been good and approximately 80 per cent of the crops has been seeded. Grasshoppers are hatching in large numbers north and east of Melita. Pastures and hay crops are good to excellent.

Dry weather at Beausejour has resulted in slow growth and germination. Germination of late-seeded crops is not uniform. Most of the area received temporary relief with heavy rain shower Sunday night. Wild oat and grasshopper infestations are reported in the Lac du Bonnet and Lee River areas. Tame hay is below normal with native hay and pastures suffering from lack of moisture. Seeding is about 85 per cent completed in the Selkirk area. Germination has been good and moisture conditions are adequate. Pastures with recent showers are growing well and haying should commence within one to two weeks. The trees in the area have experienced considerable damage due to the canker worms which have caused severe defoliation in some cases. Spraying of late crops for wild oats has started and a good kill on the first crop was achieved due to delayed seeding. At Stonewall 95 per cent of the crops has been seeded. Some crops have been ploughed under and spraying operations have started. Tame hay and pasture growth are good but more rain is needed. Leaf hoppers, flea beetles and grasshoppers are heavy in that area. Seeding in the Portage La Prairie area is 90 per cent completed. Pastures and haylands appear to be excellent and crop growth is good. Moisture supplies are excellent. Weed growth is good and spraying operations are now under way to combat some minor insect damage.

At Brandon all the wheat has been seeded while the remaining crops are 80 per cent completed. Spraying for wild oats and other weeds is now under way. Growth of all crops, including forage, appears to be good. Moisture conditions are satisfactory following the rainfall of 0.3 inch. Some early crops were damaged by the twenty-nine degree frost on May 30. Warm, dry weather this past week enabled a great amount of seeding to be done in the Virden area. To date about 80 to 90 per cent of the cereal crops have been seeded. Hay and pasture growth is excellent due to the hot weather this past week. Wild oats and other weed growth has been rapid.

In the Interlake District at Teulon seeding is 90 per cent complete and moisture conditions are fair for cereal crops. More moisture is required to permit germination of the newly seeded forage crops. Moisture is also required for pastures and hay crops. Our correspondent has received scattered reports of frost damage to alfalfa and rapeseed. There has been 1.74 inches of precipitation since the snow left. In the north at Arborg seeding operations are about 80 per cent completed. Crop growth appears to be good with little damage from disease and insects. A report has been received concerning grasshoppers in alfalfa but a number of fields have been sprayed and the results seem to be effective.



Around Neepawa ideal weather during the past week has enabled farmers to complete 80 per cent of the seeding. Germination appears to be excellent and many early-seeded fields are in the three-leaf stage. Frost on May 29 froze rapeseed seedlings and damaged alfalfa. Some cereals had to be reseeded due to the wild oat infestation. Weed growth is rapid. Pastures and hay fields are good. At Minnedosa seeding is 70 per cent completed. Frost damage this past week has necessitated some reseeding of rapeseed and in many incidences alfalfa was frozen. Approximately 10 per cent of the 1971 wheat crop is still unharvested. Moisture conditions are generally very good and pastures appear to be excellent.

At Shoal Lake seeding is 90 per cent completed. Recent general rain will greatly assist germination and improve pastures. There was some frost damage reported last week. Rapeseed acreage has decreased from last year and larger areas of wheat and barley have been seeded. Early-seeded crops are in excellent condition. In the Russell area one-half to two inches of rain fell recently. Some erosion of crops has occurred. Early-seeded cereals and rapeseed appear to be good at this time. Seeding operations are 90 per cent completed. Pastures and forage crops look very good. Some insect problems exist; aphids and tent caterpillars have been spotted.

In the northwest of the province at Dauphin seeding is almost completed. Excellent germination and growing conditions has been reported and moisture appears to be satisfactory. A good kill of wild oats was obtained and a heavy growth of hay and pastures is being experienced. Alfalfa cutting has started. Seeding is approximately 80 per cent completed in the Swan River area. Moisture conditions are presently adequate due to the general showers which were experienced throughout the area over the weekend. Growth is good. Grasshopper damage has been reported in the Bowsman area with chemical control now being undertaken.

The unweighted average precipitation for the province since April 1 has been 18 per cent below normal, compared with 21 per cent below normal a week ago, 28 per cent below normal two weeks ago and 24 per cent above normal a year ago. The mean temperature for the week ending June 5 was 5.2 degrees F. above normal compared with 6.7 degrees above normal a week ago, and 11.5 degrees above normal two weeks ago and 5.2 degrees above normal for the week ending June 7, 1971.

#### SASKATCHEWAN

Excellent growing conditions prevail over most of Saskatchewan. Crop growth is rapid and wheat seeding is practically completed and indications are that about 85 per cent of the coarse grains have been sown. There has been rain over most of the province in the last week although conditions are still somewhat dry in the centre and north of the province. There is some evidence of grasshoppers in south-central areas.

Our correspondent at Fillmore states that adequate moisture and warm weather are making ideal growing conditions. Early crops have emerged and there is some late seeding still being done. The majority of farmers are now summerfallowing. Some crop spraying is being done. Pasture and hay crops are excellent. The report from Indian Head states that crop growth is slow with some farmers just having finished seeding. Cool weather has caused some delay. Rainfall has been variable from area to area. However, moisture is adequate for cereal growth in most areas. Generally pasture and hay crops require rain to maintain growth.

In the Gravelbourg area in the south-central section seeding is 99 per cent completed and summerfallow work has begun. Heavy rainfall in the last two weeks has improved growing conditions considerably but also caused some runoff damage. Beetles are reported to be doing damage in mustard and rapeseed fields; the extent of the damage is unknown. Crop spraying is fairly general. Pasture conditions are good.

Around Leader good growing conditions have been maintained with adequate rainfall. Field spraying for weeds is in full swing. Crops are growing well with no damage reported to date.

In the Endeavour district all seeding is completed, with apparent good germination. Chemical control of wild oats is under way. There is no report of insect damage on early-sown rapeseed. Hay crops and pastures are very good.

At Drake seeding is almost finished. Summerfallow operations are under way. Rainfall and hot weather are hastening germination of grain and weeds but pastures and hayland require additional moisture. At present there is little grasshopper damage but cutworms have been reported in gardens.

In the central part of the province at Saskatoon all crops have been planted and growth is good. Early-seeded wheat is 8 inches high. Fall rye is heading but stands are only fair to poor. Summerfallow operations are under way. Grasshoppers have started to hatch but there is no report of damage. Flea beetles injured rapeseed at Dundurn, Outlook and Watrous before control measures were applied. Cutworms were reported to have damaged rapeseed and mustard seed west of Rosetown.

In the Rosetown area seeding of wheat and coarse grains is almost complete with some flax and rapeseed to be seeded. Fall rye looks good and pastures and hayland are fair. In the past week 1.75 inches of rain have improved growing conditions. Most fields will have to be sprayed for weeds. At Scott 0.4 inch of rain in the past week were insufficient for improvement in crop conditions. Forage crops and pasture are very poor. All first operations on summerfallow have been completed. The early crops are approaching the weed spraying stage. There has been some spraying for flea beetles on rapeseed.

At Melfort in the northeast 0.7 inch of rain last weekend improved surface soil moisture for germination of late-seeded crops. Seeding is 85 per cent completed. Hot weather has provided good growing conditions for early-seeded crops. Most hay and grain crops require rainfall. Wild oats and weeds require spraying. Reports have been received of flea beetle damage on seedling rapeseed. Surveys have shown a significant survival of Bertha Army Worm pupae in 1971 infested rapeseed stubble. Red turnip beetle grubs have been reported from several areas. There have been a few reports of aphids and other insect damage on ornamental shrubs in central areas.

The Saskatchewan Municipal Hail Insurance Association has received no reports of hail damage to date.

The unweighted average precipitation for the province since April 1 has been 7 per cent above normal, compared with 20 per cent above normal a week ago, 19 per cent below normal two weeks ago and in contrast to 10 per cent below normal a year ago. Mean temperature for the week ending June 5 was 8.6 degrees F. above normal compared with 1.9 degrees above normal a week ago, 7.7 degrees above normal two weeks ago and 3.6 degrees above normal for the week ending June 7, 1971.



ALBERTA

Warm, dry weather has permitted Alberta farmers to make rapid progress with seeding and it is estimated that by June 2 more than 80 per cent of the crops had been sown. Practically all of the wheat is in the ground. Wild oat growth is particularly heavy and some rapeseed fields have had to be sown a second time in the Calgary district due to heavy weed infestations. There are a few reports of some slight cutworm and wireworm damage and grasshoppers are hatching at widely scattered points. Flea beetles are reported on rapeseed in the southern part of the province and fields are being watched closely for Bertha Army worm activity but none is evident so far.

In the Medicine Hat district rain amounting to between one and two inches has improved crop prospects for the time being; however, more rain will be required very soon as moisture reserves are low. Fall rye is headed and there is a rather light stand. Some spring-seeded crops are showing the effects of drought. The hay crop will be light except on irrigated land. Pastures are fair and cattle are good. At Lethbridge rain followed by hot weather has promoted the rapid growth of all crops. Some reseeded rapeseed is reported due to wild oats. Flea beetle infestation is also reported. Summerfallowing and weed spraying are well under way. Some 35 per cent of the sugar beet crop is in and no major pest problems have become apparent so far. Reports from Claresholm indicate that pastures are good and that the hay crop is promising. However, rain will be needed soon. Winter wheat and rye are beginning to head. Crop development is generally late in the district this year.

Rain two weeks ago brought about good crop germination and improved pastures near Brooks. The weather is now very hot and dry and farmers have started irrigation. Dryland fields, however, need a soaking rain for pasture development and some dryland crops are deteriorating. Irrigated alfalfa is doing very well but there is some wireworm damage reported in corn. During the last two weeks one and one-quarter inches of rain fell in the Vulcan district. This was followed by ten days' warm weather which saw good germination and also a heavy infestation of wild oats in early-seeded crops. Post-emergence treatment is now being carried out on some seeded land. There are some crops, however, being worked under because of the wild oats. Seeding is just about finished in the district, hayland is good and pastures have started to turn green.

Our correspondent at Vermilion in the northeast central part of the province reports that seeding is completed with the exception of greenfeed. The land is becoming extremely dry causing a slow germination in later seeded crops. Hay crops are starting to suffer from the dry weather and unless there is rain in the very near future conditions will be troublesome.

At Stettler seeding is practically finished except for silage and greenfeed crops. Moisture is sufficient for good germination and forages are off to a good start but more moisture is needed. Wild oat infestations are heavy and there has been a great deal of weed germination since the last rain.

At Red Deer it is expected that seeding will be nearly finished by the end of this week; nearly all the wheat and oats are now in the ground and about 70 per cent of the barley and rapeseed have been sown. Hay and pastures are doing well as a result of the earlier rains and the present hot weather but more moisture will be needed soon. Wild oats are proving to be a real problem, some wireworm damage is reported in wheat and flea beetles are present in rapeseed. At Lacombe, continued

warm weather has enabled farmers to nearly finish seeding. Early-sown cereals, hay and pastures are all very good. Wild oats are heavy in some fields. At Eckville one-half inch of rain fell on May 25. Seeding has progressed rapidly during the past week and should be completed by June 12. Early-seeded crops look promising but rain will be needed soon for continued rapid growth.

Farmers in the Colinton district had completed most of the seeding by the end of last week. Weeds are proving quite a problem, especially wild oats. All forage crops are growing well but moisture is needed soon. A marked increase in forage crop seeding is reported. At Beaverlodge in the Peace River District, there has been considerable winterkilling in red clover on unadapted varieties as well as in the older alsike fields. The soil is very dry and although early-seeded crops have developed well the later seeding has not germinated. Rainfall this season so far has been extremely light.

The Alberta Hail Insurance Board reports walnut-sized hail in the Camrose and Stoney Plain areas on May 26 and May 31, respectively. These storms were too early to cause appreciable crop damage.

The unweighted average precipitation since April 1 has been 18 per cent below normal compared with 8 per cent below normal a week ago, 24 per cent below normal two weeks ago and 14 per cent below normal a week ago. Mean temperature for the week ending June 5, was 7.1 degrees F. above normal compared with 0.3 degree above normal one week ago, 2.0 degrees above normal two weeks ago and 2.3 degrees above normal for the week ending June 7, 1971.

#### BRITISH COLUMBIA

Our correspondent in Kamloops reports the alfalfa and hay crops should be ready to cut within the next ten days. All the corn ensilage has been planted and range conditions appear to be good. Heavy winter snowfall and slow spring runoff are causing much concern because of the ever present threat of flooding.

The weather has been for the most part, cool and dry with a warm trend setting in during the last ten days at Saanichton. The apple crop appears to be good but the cherries have set poorly. The strawberry crop is past full bloom and loganberries have just commenced flowering. The greenhouse tomato and cucumber crops are yielding the best prices for the past several years.

At Agassiz, in the Lower Fraser Valley the mean temperature for May was 3.3 degrees F. in excess of the average thus offsetting in some measure the adverse affects of an extremely cold April. Rainfall was below normal in May. Nevertheless, the planting dates of all crops have been later than normal. The planting of processing peas and corn is nearly complete. Strawberries are in full bloom with an anticipated harvest about June 20. An average raspberry crop is in prospect. Considerable anxiety is being expressed over the possibility of the Fraser River flooding. In many areas the inflow of seepage water is hampering harvest of forage crops close to the river banks.

In the South Okanagan, crop prospects appear good for apricots, Bartlett pears and peaches. Prospects are also good for grapes in spite of some winter damage. In the North Okanagan area adequate soil moisture resulted from winter snow and cool weather until May 27. It has been warm and dry for the last two weeks. Low areas have been flooded due to the high rivers. Cereals, peas and field corn are at present



two weeks later than average. On the other hand hay and pastures began slowly but now are ten days ahead of last year. Haying started one week ago with yields being excellent.

Our correspondent at Smithers in the Skeena River Valley reports above normal temperatures during the later half of May caused a rapid melt at the higher elevations. Runoff caused some flooding, however, the creek and river levels are presently subsiding. Hayfields are in excellent condition but range conditions are generally poor.

At Fort St. John in the Dawson Creek area it has been observed that despite late spring seeding, growth has progressed well and seeding is now all but completed. Half the normal rainfall in May and none so far in June has left the soil dry, nevertheless the emergence of cereal crops is very good. The perennial crops are showing good re-growth although reports of winterkilling of clover were received.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m.	since	since	8 a.m.	
		June 5, 1972	April 1	April 1	June 5	
					1972	Normal
			inches		degrees F.	
MANITOBA						
1	Boissevain	1.94	3.72	3.75	64	56
	Pierson	1.44	4.83	3.50	64	58
2	Baldur	1.00	3.11	3.67	63	58
	Pilot Mound	.64	3.54	3.63	63	58
3	Altona	.60	2.45	3.49	65	60
	Deerwood	.46	2.67	3.60	65	60
	Graysville	.71	2.85	3.25	58	58
	Morden	.37	4.38	3.85	65	60
	Morris	.43	2.23	3.17	59	60
	Portage la Prairie	.47	2.04	4.28	64	60
	Roland	.62	3.69	3.57	64	60
4	Stonewall	.19	2.15	3.63	63	58
5	Emerson	.28	1.73	3.49	66	59
	Winnipeg	.34	1.99	3.60	63	58
	Starbuck	N.R.	1.43(2)	3.42	N.R.	60
6	Pinawa	.07	1.94	2.16	60	56
	Great Falls	N.R.	1.12(2)	2.72	N.R.	58
	Sprague	.24	3.20	3.79	60	57
7	Virden	.12	2.16	3.13	63	58
8	Brandon	.36	2.49	3.58	62	58
	Cypress River	.33	2.26	3.38	68	58
9	Gladstone	.31	1.66	3.49	N.R.	57
10	Birtle	1.16	3.43	3.18	66	56
	Rossburn	.56	2.47	2.95	62	56
	Russell	.97	3.27	2.58	63	56
11	Dauphin	.36	3.16	3.53	64	58
12	Arborg	.21	2.61	3.37	59	57
	Gimli	.24	2.39	3.49	61	57
13	Swan River	.16	3.34	2.91	64	57
	The Pas	.12	1.89	3.00	60	55
MANITOBA AVERAGE		.52	2.77	3.37	62.9	57.9

For footnotes, see page IV.



Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. June 5, 1972	since April 1	since April 1	8 a.m. June 5 1972	Normal
			inches			degrees F.
<u>SASKATCHEWAN</u>						
1A	Carlyle	.92	6.43	2.80	64	56
	Estevan	.04	4.78	3.10	66	58
	Oxbow	.66	4.47	2.75	62	56
	Willmar	.13	3.32	3.16	N.R.	56
1B	Broadview	.05	2.03	3.14	65	55
	Moosomin	.26	2.09	3.08	62	57
2A	Amulet	nil	4.02	3.05	66	N.R.
	Yellow Grass	.07	4.29	2.85	66	57
	Weyburn	.53	4.60	2.79	64	58
	Midale	.15	4.77	2.76	65	58
2B	Moose Jaw	.76	3.63	3.05	66	58
	Regina	.55	4.02	2.88	65	58
	Francis	.51	3.72	2.50	64	55
	Indian Head	.24	2.96	2.84	66	57
3AS	Ormiston	.05	4.47	2.99	67	57
	Cardross	N.R.	5.97(2)	3.02	N.R.	57
	Rock Glen	.20	5.68	3.07	65	N.R.
3AN	Coderre	.10	4.20	2.77	62	57
	Gravelbourg	.13	5.30	2.57	66	58
	Chaplin	.59	3.86	2.41	66	N.R.
3BS	Shaunavon	.18	4.63	2.72	63	57
	Aneroid	.07	4.55	2.70	64	57
	Instow	.09	3.41	2.57	62	56
3BN	Hodgeville	nil	3.66	2.82	N.R.	57
	Swift Current	.10	2.85	3.01	65	56
	Pennant	.33	3.20	2.65	65	57
	Hughton	.44	1.83	2.40	67	57
4A	Maple Creek	N.R.	4.19(2)	2.66	N.R.	59
	Consul	.49	2.28	2.24	62	56
4B	Leader	.08	2.24	2.30	67	58
5A	Cupar	.12	4.55	2.77	65	57
	Balcarres	N.R.	2.09(2)	2.92	N.R.	57
	Lipton	.12	3.92	2.55	69	57
	Melville	.16	2.05	2.81	64	56
	Yorkton	.63	2.44	2.81	65	56
	Bangor	.38	2.37	3.09	65	57
	Wynyard	.21	2.14	3.03	65	52
5B	Foam Lake	N.R.	1.83(2)	3.16	N.R.	55
	Kuroki	.36	2.31	3.15	63	55
	Kamsack, Cote	.20	1.06	2.59	64	56
	Davidson	.57	2.12	2.80	66	56
	Strasbourg	.35	2.16	3.04	67	56
6A	Watrous	.36	2.19	2.52	65	56

For footnotes, see page IV.

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m. June 5, 1972	since April 1	since April 1	8 a.m. June 5 1972	Normal
			inches		degrees F.	
<b>SASKATCHEWAN - Concluded</b>						
6A	Liberty	.30	1.60	2.80	65	56
6B	Harris	.49	2.94	2.35	66	57
	Outlook	.65	2.64	2.18	67	58
	Saskatoon	.73	2.57	2.59	66	57
	Elbow	nil	1.59	2.80	66	57
	Tugaske	.23	2.48	2.88	65	57
	Dundurn	.48	1.39	2.25	67	57
	Kindersley	.12	1.31	1.95	68	57
7A	Rosetown	.48	2.60	2.44	66	57
7B	Macklin	trace	1.21	2.31	67	56
	Denzil	.08	1.04	2.41	66	57
	Scott	.38	1.43	2.70	66	56
	Biggar	.58	1.62	2.53	67	57
8A	Hudson Bay	.67	2.68	3.00	61	55
	Prairie River	.45	2.15	3.19	60	55
8B	Humboldt	.37	3.31	2.48	65	56
	Melfort	.78	2.66	2.76	64	56
9A	North Battleford	.01	2.54	2.45	67	56
	Victoire	.01	1.09	2.72	63	54
	Prince Albert	.62	1.98	3.04	62	56
9B	Waseca	nil	1.83	2.67	65	55
	Meadow Lake	.03	2.33	2.73	64	53
SASKATCHEWAN AVERAGE		1.31	2.94	2.74	65.0	56.4
<b>ALBERTA</b>						
1	Empress	nil	2.03	2.39	68	58
	Foremost	nil	2.57	2.92	66	57
	Manyberries	N.R.	1.82(2)	2.61	N.R.	57
	Medicine Hat	nil	2.35	3.01	68	59
2	Brooks	nil	2.02	2.83	65	57
	Gleichen	trace	1.00	3.21	63	56
	Vauxhall	nil	2.42	2.64	56	56
	Raymond	N.R.	1.79(2)	3.66	N.R.	58
	Lethbridge	.03	2.61	3.91	66	56
	Trochu	N.R.	2.37(2)	3.18	N.R.	55
	Queenstown	nil	2.80	3.47	64	56

For footnotes, see page IV.





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Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature	
		Week ending	Total	Normal	week ending	
		8 a.m.	since	since	8 a.m.	
		June 5, 1972	April 1	April 1	June 5 1972	Normal
		inches			degrees F.	
ALBERTA - Concluded						
3	Calgary	nil	1.88	3.94	64	53
	Cardston	nil	3.60	4.33	62	55
	Pincher Creek	.12	6.15	4.87	61	53
	Fort MacLeod	nil	3.95	4.23	64	57
	High River	nil	4.39	4.46	60	52
	Olds	nil	2.38	3.73	62	53
4	Alliance	.01	2.76	2.27	66	56
	Coronation	.01	2.14	2.31	65	55
	Hughenden	.03	2.11	2.42	65	55
	Lloydminster	trace	1.67	2.44	66	56
	Stettler	.07	2.37	2.79	64	56
	Vegreville	nil	2.37	2.58	52	55
	Ranfurly	trace	2.56	2.83	64	55
	Vermilion	nil	2.19	2.37	64	55
5	Edmonton	trace	3.49	3.40	62	56
	Lacombe	nil	3.82	3.81	62	55
	Red Deer	.02	3.22	4.71	62	54
	Rocky Mountain House	nil	2.63	4.22	61	52
	Wetaskiwin	trace	2.92	3.43	64	55
6	Campsie	trace	2.05	3.17	59	54
	Edson	.02	3.64	3.61	56	53
	Elk Point	trace	1.32	2.56	62	54
	Whitcourt	nil	4.08	3.40	59	53
7	Beaverlodge	nil	.15	2.78	58	54
	Chipewyan	.01	2.72	1.77	56	N.R.
	Ft. Vermilion	N.R.	.24(2)	2.17	N.R.	55
	Grande Prairie	trace	.26	2.69	60	55
	High Prairie	N.R.	.23(2)	2.76	N.R.	54
	Peace River	.04	1.16	2.03	61	55
ALBERTA AVERAGE		.01	2.57	3.15	62.2	55.1

(1) Source: Meteorological Service of Canada.

(2) Incomplete; not included in average.

N.R. No report.