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TELEGRAPHIC CROP REPORT - CANADA

This is the last of the 1962 series of nine telegraphic reports, issued by the Dominion Bureau of Statistics, covering crop conditions throughout Canada. Included in this report is the last 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 The Maritime Provinces report continued wet weather in most areas which is delaying grain harvesting operations. Crops have lodged in many fields and some losses are feared. Otherwise, however, yields are generally good. Potato harvesting has commenced in Nova Scotia and New Brunswick although hampered by weather conditions. Farmers in New Brunswick are obtaining good yields and only slight blight infestations are reported. In Prince Edward Island blight is more widespread but spraying operations are keeping the plants reasonably green. Pastures are good, although in New Brunswick losses of new seeded grasses and legumes are reported due to the effects of weather conditions. In Nova Scotia second cut hay is being harvested and corn and grass silage making is underway.

Quebec During the last two weeks weather conditions throughout almost all of the Province of Quebec have been wet, which has held up harvesting and caused lodging in many grain fields. However, the harvest is almost finished in the south and the west where yields are good and quality excellent. In these same counties farmers are cutting their second cut of hay with good yields reported. Meadows and pastures are also good and cattle are doing well, with sustained milk production for this period of the year reported. Growers in the Montreal district have started to dig late potato varieties and are obtaining excellent yields and quality in spite of some blight infestation. The making of corn silage is in full swing with satisfactory yields reported. Harvesting of a good crop of canning corn continues and picking of fall tomatoes is also underway. Vegetable crops are generally yielding well. Sugar beets are developing normally and digging will commence this week in St. Hyacinthe County. Farmers have now finished harvesting the tobacco crop with good yields and quality having been obtained. In the Lake St. John district blueberry picking has been completed. In several counties fall work has commenced.

Note: Data for Newfoundland not available.

Prepared in the Crops Section, Agriculture Division

Ontario

Grain harvesting in Ontario is almost completed and both yields and quality are reported to be very good. Silo filling is in progress and most areas report a good crop. Grain corn and soybeans prospects are promising. Processing corn and tomatoes yielded excellent results. Recent rains will assist seeding operations for fall wheat and will also benefit sugar beets and fall pastures. Harvesting of burley tobacco has made good progress. Picking of peaches is almost completed, about ten days earlier than a year ago. Apples are colouring well.

Prairie Provinces Very little harvesting has been accomplished in most districts in the Prairie Provinces for the past two weeks due to cool, wet weather. Harvesting is nearly completed in southern portions of Alberta, Saskatchewan and south western Manitoba. Elsewhere more than half still remains to be done with northern areas of Alberta and Saskatchewan reporting very slow progress. Threshing has recommenced over wide areas in all provinces but tough and damp grain is being harvested in some instances. The wet weather and in some cases, frost, have lowered grain quality but yields have not been adversely affected. Given a week to ten days of favourable weather most of the harvesting could be completed.

British Columbia Variable weather in British Columbia has further slowed harvesting of early fall crops, but no actual damage has resulted. In the Interior, late varieties of peaches and prunes are coming off slowly, while the late pear harvest is commencing in southern areas. Picking of McIntosh apples is in full swing, with excellent size and colour reported. Harvesting of the Delicious variety will commence this week, while Spartans and Jonathans will be ready later this month. Curing problems have hampered the onion harvest. At the coast, digging of late crop potatoes is well underway, with average yields reported. The corn crop harvest is now completed. Pastures are in excellent condition in all sections and grain yields continue to show up reasonably well, in spite of delays caused by weather.

MARITIME PROVINCES

Wet weather in Prince Edward Island has hampered progress with grain harvesting. Reports indicate serious lodging in many fields although yields are generally average to better than average. However, unless sunny weather occurs losses are feared. Pastures are continuing to show excellent growth and milk production is up over last year. Late blight of potatoes is described as prevalent particularly in fields where the spraying has not been adequate. However, in general frequent spraying is keeping the plants reasonably green, and average yields are anticipated. The tobacco crop is being harvested although ripening is slow due to weather conditions. Apple yields in commercial orchards are promising but below average in farm orchards. Cranberries are sizing well and cole crops continue promising. The yield of pickling cucumbers has been greatly reduced.

In Nova Scotia the weather has continued wet and farm work has slowed down as a result. In the Amherst district, however, harvesting operations are underway with above average grain yields, especially on early-seeded fields, reported. Silage making with corn and second crop grass is also underway. Corn yields are about average but grass is well above average. Pastures are very good. At Truro the grain harvest is in full swing. Yields are average or better than average. Potato yields are heavy with large tubers. Blight is also reported. Local vegetables are in ample supply. Blueberry picking should be finished this week with above average quality and yields. Pastures and hay aftermath are very good. No frost has been reported so far.

In the Annapolis Valley the weather remains cool and showery, curtailing harvesting operations of all crops. However, grain cutting and potato digging are underway. Apple and pear picking has commenced in volume this week with a good clean apple crop of good size and colour being harvested. Clapps Favourite pears are about three-quarters harvested and Bartletts are beginning in fair volume with size and quality good.

New Brunswick reports continued wet weather is delaying grain harvesting. Wet ground makes the use of machinery difficult and crops are lodging. Where this is severe yields are being reduced by grain sprouting. Killed out new seeding of grasses and legumes is reported. Only a small percentage of the grain has been harvested but the yields obtained are good. Growers are harvesting potatoes with top killing general. Yields are average to good. Some blight is reported. Pastures and aftermath are exceptional for this time of the year. Early apples have been harvested with a clean crop and average yields reported. Tobacco harvesting is about half finished with average yields being obtained. The maturity of field beans has been delayed by about two to three weeks. However, no killing frost has occurred this fall.

QUEBEC

In the L'Assomption district of Quebec farmers are harvesting oats, canning corn and tomatoes with good progress reported. The tobacco harvest is nearly completed with high yields and good quality obtained. Corn silage making is just beginning. No frost damage has occurred so far this fall. At St. Jean a total of 1.9 inches of rain fell during the past two weeks. Good quality and high yields of vegetables and canning crops are general. Insects and disease have been less severe than usual this season in apple orchards. The size and quality of apples is excellent with growers starting to pick McIntosh this week. However, there is some severe local infestation of two-spotted mites.

Farther east at Lennoxville the harvest of a good grain crop has been delayed by wet weather with only three dry days in the last nine. Corn is good to excellent with silage making general. Pastures are also good and in general crops have done well, although wet conditions have lowered the quality of feed stored. At Ste Anne de la Pocatière 2.5 inches of rain fell last week. Pastures are good and fodder corn, roots and potatoes look promising. Eighty per cent of the cereal grain has been harvested with oat yields 20 per cent above normal and wheat and barley about average.

At Normandin 2.8 inches of rain were reported during the last nine days. As a result cereal harvesting has been difficult and ripening uneven. However, about 60 per cent of the grain has been cut in spite of bad lodging. Some sprouting in stooks is occurring. Pasture and aftermath growth is good and no frost has occurred to date. At Caplan rainfall from May 1 to September 18 was 23 per cent above the thirteen-year average with five inches having fallen in September. As a result fields are soaking wet preventing farmers from using heavy machinery and delaying grain and potato harvesting. Seventy-five per cent of the grain crop is still standing and showing uneven maturity. None of the 1,000 acres of oil seed flax have been cut yet. Potato yields will be reduced considerably by heavy disease infestation. Below average crops of leafy vegetables are expected and sweet corn, tomatoes, cucumbers and pumpkins are near failures. Due to low temperatures, pastures and hay aftermath growth are not very good. Milk production is dropping rapidly.

ONTARIO

In the Simcoe County of western Ontario harvesting of spring grains and second crop hay were completed in August, with both quality and yields a good average. Rain on September 10 assisted with wheat seeding operations and also benefited short pastures. More rain, however, is required. Silage corn and potatoes appear promising and harvesting should commence at the end of the week. Grain corn is ripening and should provide a good crop provided the stand is not hit by frost. In Bruce County harvesting of spring grains has been completed and yields were reported to be satisfactory. Silo filling has commenced and the corn crop is reported to be excellent. Turnips indicate a satisfactory yield although quality is questionable. Farmers in this area are completing the harvest of an excellent crop of second cut hay. Fall cultivation operations are underway and it is expected that a larger than average acreage will be seeded to fall wheat in this area. Pastures are becoming rather bare but should benefit from recent rains. Silo filling operations are underway in Waterloo County and frost has already hit a considerable portion of the corn crop. Seeding of fall wheat has been slow due to the very dry conditions but recent rains have improved conditions somewhat. Seeding of fall wheat and silo filling operations are well underway in Halton County. Grain corn is maturing well and present prospects indicate average yields of both grain and silage corn. Pastures are now showing good growth due to recent rains.

Harvesting of spring grains has been completed in Middlesex County. Seeding of fall wheat is in progress. White beans are being harvested, with good yields and quality reported. Silo filling is general. Recent rains have helped pastures, but frost has already hit tobacco and some of the corn crop. Apples are colouring well. In Essex County, seeding of fall wheat is in progress and a few fields are already showing above ground. Corn and soybeans are maturing and at present, prospects look very good. A few early fields of soybeans have been combined, but most crops are maturing slowly. Harvesting of canning tomatoes has made good progress with high yields recorded. Harvesting of burley tobacco is practically completed. Picking of peaches in this district was completed about the first week in September and this is about ten days earlier than usual. Comparatively low yields were obtained. Silo-filling operations are in progress and some third-cut hay is being harvested. Pastures are in fairly good condition, but more moisture is needed in some areas. Harvesting of soybeans has commenced on Pelee Island and yields of 25 to 30 bushels per acre are reported. Although this is not as good as last year, the quality is good and the moisture content low. Heavy winds, which in some cases became small tornadoes, caused considerable damage to buildings and flattened some of the corn crop in Kent County. Rains, however, will greatly benefit sugar beets. Present prospects indicate that corn will be a bumper crop although northern corn leaf blight is prevalent. Grain corn has made excellent development and is two weeks ahead of normal. Harvesting of soybeans has commenced and excellent yields and quality are reported. Harvesting of white beans is well underway. Tomato picking is still in progress and this crop has been very good. Harvesting of flue-cured tobacco is almost completed. Pastures are in good condition. Harvesting of peaches is almost completed in Lincoln County and good quality is reported except for moderate injury from oriental fruit moth in some Elberta orchards. Harvesting of grapes is underway and good quality is reported. Apple maggot is troublesome in some prune orchards.

Harvesting of grain crops is completed in York County with both yields and quality reported to be good. Silage corn is being harvested but yields in this district are lower than usual. Seeding of fall wheat is in progress and planting conditions are good. Pastures are in fair condition due to moderate rainfall.

Early-sown fall wheat is growing well in Peterborough County. Silage corn is variable but on the average, this crop will yield lower than last year. Pastures are short and in many cases supplementary feeding is being carried out. More rain is required in this area.

Harvesting of spring grains is completed in Leeds County and yields and quality were above normal. Silo filling is in progress and above average yields are reported. Prospects for grain corn are also good. Seeding of winter wheat is in progress. Apples are sizing well and colour is excellent. Harvesting of spring grains is 90 per cent completed in Dundas County and both yields and quality are excellent. Silo filling is in progress and the crop is heavy with no frost damage as yet. Pastures are in good condition. Heavy showers in Renfrew County on September 17 and 18 will help relieve a rather serious drought situation. Farmers on heavy land were unable to plough and pastures were in poor condition. Harvesting of spring grains is completed and silo filling is underway. There has been no frost damage to flue-cured tobacco. The acreage of fall wheat will be reduced due to poor germination from lack of moisture.

A report from Kapuskasing indicates that wet weather continued throughout the first half of September and already the rainfall has totalled 4.4 inches. As a result, grain crops have been slow in maturing although some fields in the district have been harvested for green feed. Pasture conditions are good, but some fields are being damaged by trampling due to excess moisture.

MANITOBA

Harvesting is about 35 per cent completed in Manitoba, but was temporarily halted due to showery weather over last weekend. Quality of cereals has deteriorated due to wet weather. Wheat is grading No. 3 and No. 4 Northern. Limited sprouting has occurred in the swaths and frost damage to grains has been negligible. Swathing is nearing completion in most areas except the Red River Valley where more than one-third of the crop is still standing. Field pea yields are highly variable, but the crop, in general, is above average. Weather conditions are favourable for sugar beets. Potato harvesting is underway at Carberry and Altona, with yields of 180 cwt. per acre. Sweet corn harvesting is nearing completion.

In southern Manitoba at Altona, harvesting has been resumed. Approximately 60 per cent of the wheat and barley have been swathed and 50 per cent combined. Oats are 50 per cent swathed and 40 per cent combined, but much of the crop is still immature. Pea yields are variable, running from 12 to 40 bushels, and most sunflowers are maturing well. A widespread straw break is reported in barley and wheat, with the cause unknown. Wilt is widespread in sunflowers. At Morden, harvesting is progressing fairly well but cereal harvesting has been slow. The sweet corn harvest is nearly completed and buckwheat has been swathed. Flax and oats are late in maturing. Sugar beets and sunflowers are developing well but blight disease on sunflowers is a problem.

In the southeastern part of the province at Melita, cereals are 80 per cent harvested and 35 per cent of the flax has been done. Wheat is yielding 28 with durum wheat 26, rye 30, oats 50 and flax to date, 11 bushels. Considerable frost damage has occurred to fodder corn. East of Melita at Somerset, possibly 75 per cent of the crop has been swathed. A considerable amount was accomplished in the past week.

Combining has been delayed due to damp, cool weather and only 35 per cent has been done, with very little flax combined. Wheat is grading mostly No. 2 and 3 Northern.

Northeast of Winnipeg at Stonewall more rain over the weekend halted combining that had barely got underway. Swathing is about 25 per cent completed in the western part of the district, but only 15 per cent has been done on the eastern side. Crop lodging and wet fields have made swathing difficult. The poor drying weather is delaying maturity of grains and as a result, some farmers are harvesting grain that contains green kernels. Haying is nearing completion, with good yields, but low quality. Our correspondent from Portage La Prairie reports that harvesting is progressing slowly and weather conditions are far from ideal. It is doubtful whether some of the flax will mature. Scattered reports indicate that summerfallow wheat is yielding up to 45 bushels, barley 65 and second crop wheat 25. The estimated average yield for oats is 45 with a probable average wheat yield at 30. At least two weeks of ideal weather are needed to complete harvesting.

The Experimental Farm at Brandon reports that harvesting conditions have been good in the southwest part of the province but poor farther north. Swathing of cereals is 90 per cent complete and threshing 50 per cent completed in the south. No flax has been harvested. Some late-seeded cereals have been damaged by frost. Yields and grades of grains threshed have been good but grades of later crops will be reduced. Very excellent crops are being obtained in the Virden district. Harvesting is about 50 to 60 per cent completed but recent rains have caused a temporary delay. Operations are expected to resume very soon however. Pastures are good.

In the Interlake region at Teulon, swathing is 30 per cent completed but harvesting has been very slow. Weekend rains will further delay operations. Many fields need ten days to two weeks before they will be ready to cut. Yields have been good so far but quality is not as good as last year.

In the west-central part of the province at Neepawa harvesting is also progressing slowly due to intermittent rains. It is estimated that 40 per cent has been completed. Yields are above average with grades mostly average. Second-cut hay yields have been good with quality lowered by rains. Summerfallows are in good condition. Cool, showery weather for the past week has further delayed harvest at Minnedosa and a couple of weeks of dry weather are needed to complete operations. Up to 25 per cent of the wheat has been combined and about 35 per cent of the coarse grains. Moisture reserves are good. A good crop of potatoes is reported. Frequent showers and cool temperatures have impeded harvest at Shoal Lake where 15 to 20 per cent of the threshing has been completed. Ninety per cent, however, has been swathed. Reported yields are excellent for all crops with wheat 35 to 45, oats 55 to 70 and barley 40 to 60, bushels per acre. Haying has been completed, with a good supply obtained. Frost has badly damaged gardens. Harvesting is expected to be general by September 18, if no rain occurs. In the Russell area showers also continued to delay harvesting which is about 45 per cent completed. The main acreage left is in wheat. Frost and rain have caused a drop of one grade in quality and in some cases, two grades. A week of good weather should clean up the harvest.

In northern Manitoba at Dauphin, harvesting resumed last Friday and is now progressing favourably under ideal weather conditions. Thirty per cent has been threshed and ten more days of dry weather are needed to complete all operations. Some sprouting is evident but not common and traces of frost damage are apparent in late flax. In the Swan River district rains over the weekend halted harvesting operations. The rapeseed harvest is 65 per cent completed with yields averaging

over 1,000 pounds per acre. Oats and barley harvesting is 25 per cent completed while wheat is only 20 per cent done. Haying operations are finished with adequate supplies. Dry weather is badly needed as sprouting is occurring in swaths.

The Entomological Laboratory at Winnipeg reports that the grasshopper survey to date indicates light to severe infestation in the northwest section of Manitoba and light to moderate infestation in the remainder of the province.

The unweighted average precipitation since April 1 has been 31 per cent above normal as compared with 34 per cent above normal a week ago, 40 per cent above normal two weeks ago and in contrast to 47 per cent below normal a year ago. Mean temperature for the week ending September 17, was 1.7 degrees below normal compared with 6.8 degrees below normal a week ago, 1.1 degrees below normal two weeks ago and 0.1 degrees below normal for the week ending September 18, 1961.

SASKATCHEWAN

Cool, showery weather in Saskatchewan curtailed harvesting during the past two weeks but operations resumed over the weekend and steady progress is now expected. Some 75 per cent of the wheat and 90 per cent of the coarse grains have been cut. Threshing ranges from nearing completion in the southeast to just getting underway in the northwest. On a provincial basis some 40 per cent of the wheat, 60 per cent of the coarse grains and rapeseed, and 5 per cent of the flaxseed have been threshed.

The harvest is 85 per cent completed and all yields are reported to be very good in the Willmar district in the southeast part of Saskatchewan. The weather has been ideal during the harvest and most wheat will grade 2 Northern. Space is limited in elevators and considerable quantities of grain are stored outside. Cattle look very good. Crops are excellent at Yellow Grass and combining of wheat and coarse grains has almost been completed. About half the flax has been taken off. Wheat yields range from 20 to 50 with the average about 28 bushels per acre, oats 50, barley 40 and flax 12 bushels per acre. With good weather and assistance from custom combine operators the harvest in this district is nearly completed and many farmers are now working their summerfallows.

The harvest is 90 per cent completed around Fillmore and crop yields have varied from very good to very poor according to the pattern of summer rainfall. In general, yields are slightly above average. The grade of grain is very good. Lack of trash cover on summerfallows has caused some fields to suffer from wind erosion. Pastures and stubble fields are very dry. The Experimental Farm at Indian Head reports excellent progress has been made with combining during the past three days. The wheat sample is now dry and if good weather prevails for the remainder of the week all of the wheat will be threshed in this area. Fall rye, oats and barley have all been threshed and 60 per cent of the wheat has been taken off. No flax has been threshed to date. Wheat grades have deteriorated one grade due to the wet weather. Pastures are ample and cattle are in good condition.

The harvest is 75 per cent completed in the Gravelbourg district in the southwest part of the province and with a week of favourable weather operations will be completed. Frost and rain will cause some reduction in grades in parts of the district. The harvest is almost finished in the Big Beaver district. The weather has been good and all grain has been taken off dry. The elevators are almost plugged as the district is still on a unit quota. Ergot is showing up in durum wheat. Late stands of wheat are showing a little frost damage, but the main crop should fall in the top three grades. Considerable green growth is showing on summerfallow.

Harvesting has been resumed in the Leader district after an extensive period of rainy weather. About half of the coarse grains has been taken off. There has been no frost damage, but some sprouting and bleaching have occurred, although the grain sample is generally good. Yields range from 15 to 20 bushels. Very little flax has been harvested, but yields are expected to be good. Fall moisture reserves are good. Harvesting has been delayed during the past two weeks in the Swift Current district due to damp weather, but now it is in full swing once more. Some 50 per cent of the wheat has been taken off and yields have been slightly higher than expected. Considerable ergot is showing up in durum wheat. Very little flax has been harvested to date. Heavy frosts have been experienced but it is not expected that these will effect grades or yields of grain.

The weather has been warm and dry in the Val Marie area and harvesting is well underway. Some 75 per cent of the oats and barley have been taken off while about 30 per cent of the wheat has been combined. Recent heavy frosts and considerable quantities of green kernels are causing losses in grades. Wheat is yielding approximately 12 bushels per acre. Crops are 80 per cent swathed around Eastend with 35 per cent of the wheat and 75 per cent of the coarse grains threshed. Combining has been delayed by the cool, damp rainy weather. While yields are variable the average for wheat is expected to be 10, oats 22, barley 15 and flax 6 bushels per acre. Some 10 per cent of the wheat is expected to grade No. 1, 20 per cent No. 2, 30 per cent No. 3, and the remainder No. 4 or lower.

In the east-central part of the province, wet weather continues to retard harvesting in the Logo district. Some coarse grains have been combined dry but any wheat which has been threshed is tough. Approximately 10 per cent of the crop has been combined and grain samples are showing weathering and frost damage. Most wheat is grading No. 3 Northern. Dry weather is urgently needed so that harvest can be completed and allow straw baling to get underway. Pastures are good. Harvesting weather has also been poor to date in the Melville area. Some 80 per cent of the coarse grains and 50 per cent of the wheat have been taken off to date. However, a lot of grain has been stored with a moisture content of 16 per cent and over. Grades are mainly 2 and 3 Northern for wheat. Yields range from 15 to 20 bushels for wheat, and from 25 to 30 for coarse grains. The harvest weather has also been poor in the Sturgis district. Combining has started but so far all grains are being taken off in tough or damp condition. Average yields are good, with wheat ranging from 20 to 40 bushels, barley 20 to 50 and oats 40 to 70 bushels per acre.

Some 50 per cent of the wheat and 90 per cent of the coarse grains have been harvested in the Drake district in the central part of the province. However, a considerable quantity of wheat has been taken off tough. The weather was showery again on Tuesday. Wheat samples are showing some frost damage and the swathed grain grade has been lowered to No. 3 northern due to sprouting and mildew. Gardens were good and fall rye is making good growth. Harvesting operations have been resumed around Saskatoon following a delay of three weeks due to frequent rains. About 50 per cent of the crop has been taken off. Pastures have improved greatly since the rain. Seedling fall rye is infested with aphids and some stands have been severely injured.

Some 50 per cent of the wheat has been threshed at Rosetown and the dominant grade is No. 3 with some grains grading tough. Flax requires further time to ripen and farmers are anxious for ten dry days to complete operations. The weather has been generally clear around Scott in the west-central part of the province and harvesting was resumed on Monday. Some grain is still not testing dry. However, a week of dry weather would see most of the grain taken off. Yields are a little better than anticipated, but grades have been reduced because of the recent wet weather.

Threshing is about 25 per cent completed at Meota in the northwest part of the province. Yields appear to be good but grades are being lowered because of the frequent showers. With two weeks of good weather harvesting would be cleaned up. Stock feed is sufficient. Swathing is 90 per cent completed at Paradise Hill, but very little threshing has been done because of the unfavourable weather. At least two weeks of dry weather will be required to complete the harvest. Wheat is grading mostly 4 but yields are holding to the expected average of 25 bushels.

Dull, showery weather has kept harvest operations practically at a standstill for the past month around Melfort in the northeast part of the province. An estimated 20 per cent of the crop in the immediate area has been threshed while 35 per cent of the crop in the district has been taken off. Our correspondent predicts wheat yields will average 22, oats 45, barley 33 and flax 12 bushels per acre. Rapeseed could average 600 pounds. The recent wet weather is causing some loss of grain due to sprouting in the swath. The harvest is progressing very slowly at Nipawin and very little combining has been accomplished since the last report. A fair amount of grain has been taken off tough. Grades are dropping because of wet weather, some sprouting and frost damage. Our correspondent expects wheat yields to average 30, and barley 35 bushels per acre. Potatoes and forage crops are good while rapeseed and flaxseed are fair.

The Saskatchewan Municipal Hail Insurance Association reports that hail storms have continued late in the season. The main points receiving damage since the last report are as follows: September 1 - Cactus Lake; September 3 - Janzen; September 11 - St. Louis, Belle Plaine, Sintaluta, St. Denis; September 15 - St. Brieux, Melville, Gerald, Grayson, Langenburg, Redvers, Kisbey, Maryfield, Main Centre.

Average unweighted precipitation for the province since April 1 has been 6 per cent above normal compared with 8 per cent above normal a week ago, 6 per cent above normal two weeks ago, and in contrast to 47 per cent below normal a year ago. Mean temperature for the week ending September 17 was 0.8 degrees below normal, compared with 7.3 degrees below normal a week ago, 5.3 degrees below normal two weeks ago and in contrast 1.1 degrees above normal for the week ending September 13, 1961.

ALBERTA

Harvesting has been delayed by wet weather in Alberta and much remains to be done. At points in Southern Alberta operations are nearly completed and threshing is now in full swing again. In central Alberta, although considerable swathing has been completed, less than 25 per cent has been threshed at many points. Threshing has been resumed but fields are too wet to carry machinery in many cases. In northeastern Alberta progress has been very slow and the weather is still wet. Up to 25 per cent has been threshed in the Peace River area, but wet weather is at present delaying operations. Wet weather and frost have lowered quality of grains over most of the province, but yields apparently have not been affected. Fall seeding is progressing in southern Alberta and sugar beet harvesting has started. A large part of the canning corn crop was damaged by frost.

Harvesting of all crops has been completed at Manyberries in southwestern Alberta. Most of the straw has been baled for feed as hay supplies are very low. The range is dry, but livestock are in fair condition. Topsoil and subsoil moisture supplies are very low. At Medicine Hat, nearly 95 per cent of the crops have been

harvested, with late flax and oats still to come off. Frost damage, if any, has been slight. Beet harvesting is nicely started and fall seeding of rye and wheat is about completed. Moisture conditions are fair and livestock are good.

In the Lethbridge area, cereal harvesting is almost completed. Yields of flax are not as high as indicated earlier. Winter wheat seeding has been completed and harvesting of sugar beets, started, with at least an average yield indicated. An above average yield of good quality potatoes is in prospect. A large part of the canning corn crop has been damaged by frost. Farther south at Cardston, combining of grains is progressing favourably with all fall grains threshed and 25 per cent of the spring grains yet to be done. Some sign of frost damage is showing up in spring grains. Pastures and livestock are in good condition. Harvesting of all grains is nearly completed at Claresholm. Grades of wheat are good and yields average 18 bushels per acre. Flax is also of a good grade and yielding nine bushels while oats and barley will average 35 and 25 bushels respectively. Conditions are very dry at present.

Harvesting is again in full swing at Brooks following a period of wet weather. Yields and quality are good on irrigated land. Flax is being swathed and wheat and coarse grains are being combined from the swaths. One field of Kenhi wheat has averaged 70 bushels per acre, and several fields of oats are yielding as high as 90 bushels. Dry land farmers are seeding rye and winter wheat. There is more fall moisture in the soil than last year.

Our Hannah correspondent reports that copious moisture has been received since the middle of July but the rains were too late for wheat. They did bring some improvement to the oat crop and grasslands, however. Up to seven degrees of frost has hurt crops and cut grades of wheat. At present swathing is general but a number of fields are too wet for machinery. Yields will be very light with wheat averaging 3, oats 20, barley 5 and rye 6 bushels per acre. In the Calgary district, harvesting has been delayed by damp weather until the last few days. Conditions are now good and combining is in progress. About half of the combining has been completed. Yields vary considerably through the district, but wheat is averaging 20, oats 35, barley 29, and rye 19. About ten days of good weather are needed to complete the harvest. Swathing is almost completed at Olds and threshing is now in full swing. Wheat grades are showing considerable effects of frost but yields are good. The average yield for wheat is about 30 bushels, oats 70 and barley 40.

In central Alberta at Sedgewick, cool, showery weather has slowed harvest progress. Swathing is 60 per cent complete, but very little threshing has been done. Three weeks of good weather are needed to complete operations. Yields should be good, but grades will be poor due to frost. The second-cut of hay has been good. Harvesting is getting underway again at Donalda and if weather stays favourable, it will be general in a week's time. About 40 per cent of the crop has been swathed and 10 per cent combined. Threshing will also be general in the next few days at Stettler if the weather continues dry. Some fields are too wet for combining. Crops suffered light frost damage which will affect grades. Wheat is yielding about 25 bushels, and coarse grains 35 bushels per acre.

In the Red Deer district, 90 per cent of the crop is swathed and 30 per cent threshed. At least ten days of ideal weather are required to finish harvesting. Most of the second-crop hay has still to be put up. In the Lacombe district a killing frost occurred on September 8 and showery weather has prevailed during the past two days, with an inch and a half of rain falling on September 10 and 11. Harvest

operations have now resumed under more settled weather conditions. Good yields are being obtained at Eckville, but quality is only fair due to wet weather. Some sprouting has occurred. Combining is 15 per cent completed. In some cases, second-cut alfalfa is now being put up. Summerfallows are in fair condition. Continued good weather is needed if harvesting is to be completed by the end of this month.

In the Vermilion district, east of Edmonton scattered showers are holding up harvest. While 70 per cent of the swathing has been completed very little threshing has been done. Wheat tested on September 17 was ranging from 16 to 19 per cent moisture content. If no rain occurs, threshing will be general by this weekend. Clear weather for the past week around Edmonton has permitted threshing operations to start again. The prolonged wet weather conditions have lowered the quality of grain. Several weeks of warm weather are needed to complete harvesting.

In northern Alberta at Bonnyville very little progress has been made with harvesting. Only 59 per cent of the grain has been cut and nothing has been threshed. With present excess moisture conditions, some frost damage and many of the late-seeded crops still green, most of the grain will go into feed grades. Nearby at Colinton heavy rains have also retarded harvesting for the past two weeks. Approximately 50 per cent of grains are swathed but no threshing or combining has been done. The hay crop is good but due to rain, most of the first crop of alfalfa was spoiled. Grain crops are heavy but due to severe frost, yields will be cut considerably.

In the Peace River district at Beaverlodge, cool, showery weather has also been delaying harvesting. Cereals are 25 per cent threshed, 50 per cent swathed and the remaining 25 per cent still standing. Yields are above normal but quality has been reduced by frost and weathering. Harvesting of clovers for seed has commenced. Fall pastures are adequate. Around Berwyn, the harvest weather has been poor, with scattered showers slowing progress. Conditions are extremely poor in some places with crops flattened. From 10 to 20 per cent of the wheat has been harvested, 30 per cent of the barley, 15 per cent of the oats and 20 per cent of the rapeseed. Grades have been lowered by frost and weathering. Five days without rain at Vermilion have enabled farmers to resume harvesting. About 90 per cent of the coarse grains and 40 per cent of the wheat have been swathed, but no wheat or flax have been threshed yet. Many standing fields of flax are ready for combining. Some rape has been combined and indicated yields are about 1,200 pounds per acre.

The unweighted average precipitation for the province since April 1 has been 10 per cent above normal as compared with 11 per cent above normal a week ago, 9 per cent above normal two weeks ago and in contrast to 12 per cent below normal a year ago. Mean temperature for the week ending September 17, was 2.5 degrees below normal, compared with 2.6 degrees below normal a week ago, 3.3 degrees below normal two weeks ago and 2.0 degrees above normal for the week ending September 18, 1961.

BRITISH COLUMBIA

On Vancouver Island, most cereals and the second-cut hay crop are late this year. Severe lodging occurred to some cereal grains. Corn for ensilage is only fair owing to the cool summer. The White Rose variety of potatoes are being harvested now, while the Netted Gem digging should start next week, promising good yield and quality. The Bartlett pears and McIntosh apples harvests are now completed.

In the Lower Fraser Valley, harvesting of cereal grains is nearing completion. The canning corn harvest is general now with average yields and quality. Heavy yields of silage corn are in prospect. Blueberry picking is underway, but yields were reduced by frost which occurred early this spring. Fall vegetables are expected to bring in average yields. The main crop potato harvest has already started. Pastures are excellent due to adequate precipitation.

Perfect apple weather, with bright days and cool nights should contribute to a good apple harvest in the South Okanagan Valley. All centres are concentrating on the McIntosh variety which displays good size and colour and promises good to excellent quality. Harvesting of peaches and earlyprunes is almost completed, but late prunes are slow in ripening. Grapes also are slow in maturing. In the North Okanagan Valley some light frost has already occurred, but no damage is reported to the crops. The cereal grain harvest is about 85 per cent completed, with about average yields reported. On many irrigated sites a third-cut of alfalfa hay has been harvested. The main crop potato digging shows variable yields so far.

In the Creston area all spring and fall grain harvesting is almost completed, with above average yields and quality reported. The seed pea acreage and yields are lower than in previous years. Apples are sizing and colouring well and picking should start on September 20. Pastures have dried up, but other forage crops are in good supply.

In the Kamloops and South Cariboo regions the weather has been generally showery with cool nights and some frost at higher elevations. Part of the third-cut hay has been spoiled by rain and snow. Cattle have started their perennial migration down to lower ranges. Pastures are generally holding well.

Reasonable weather in the Central Interior region has allowed harvesting of cereal, horticultural and potato crops to proceed with minor interruptions. Cereal yields are about average, but quality is only fair. The potato crop is above average and good quality is reported.

In the Peace River Block the grain harvest is 50 per cent completed. The rate of harvesting has been slow in some areas but speedy in others. Wheat harvesting is 25 per cent completed, oats 50 per cent and barley 90 per cent. Some frost damage occurred to late seeded coarse grains. Cereal crop yields are estimated as follows: wheat 25, oats 45 and barley 35 bushels per acre.

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. Sept. 17, 1962	since April 1	since April 1	Sept. 17 1962	Normal
		- inches -			- degrees F. -	
MANITOBA						
1	Boissevain	nil	17.6	12.49	54	54
	Pierson	trace	13.96	12.05	54	54
	Waskada	n.r.	18.86 2/	12.35	n.r.	55
2	Ninette	.21	16.94	12.95	53	54
	Pilot Mound	.30	15.30	13.00	52	56
3	Altona	.12	11.25	12.46	54	56
	Deerwood	.15	15.01	12.52	55	54
	Graysville	.21	15.68	12.00	54	55
	Gretna	.09	14.13	12.65	55	56
	Morden	.07	17.93	12.79	54	56
	Morris	.35	12.24	11.78	53	56
	Portage la Prairie	.28	19.94	12.66	54	55
	Roland	.29	14.50	12.45	53	55
4	Stonewall	.23	26.21	12.51	51	55
5	Emerson	.11	15.90	12.60	54	56
	St. Genevieve	.21	15.36 2/	12.42	50	56
	Steinbach	.18	15.26	12.88	52	56
	Winnipeg	.23	21.55	12.42	54	55
6	Seven Sisters Falls	.27	20.01	12.06	53	53
	Sprague	.24	23.87	14.18	51	52
7	Reston	.49	19.92	12.14	54	54
	Rivers	.31	16.92	13.27	52	54
	Virden	.24	15.02	11.74	53	54
8	Brandon	.65	16.23	13.33	52	53
	Cypress River	.23	16.28	12.20	53	54
9	Kelwood	.36	16.36	12.82	51	55
	Minnedosa	.18	15.88	12.08	49	54
	Neepawa	.21	15.06	12.44	53	54
10	Birtle	.12	13.84	12.10	52	52
	Rosburn	.27	18.45	11.57	52	52
	Russell	.40	9.96	11.25	49	51
11	Dauphin	.13	15.69	11.55	53	55
	Gilbert Plains	.10	10.21	11.55	53	54
12	Arborg	.34	12.84	11.98	50	53
	Gimli	.35	21.57	12.46	51	54
13	Swan River	.75	13.85	11.53	51	51
	The Pas	.86	10.48	10.52	51	51
14	Grass River	.12	13.85	12.82	52	55
MANITOBA AVERAGE		.26	16.10	12.33	52.5	54.2
SASKATCHEWAN						
1A	Estevan	.07	10.31	12.03	57	55
	Oxbow	n.r.	11.07 2/	11.81	n.r.	54
	Willmar	.04	12.68	11.29	n.r.	n.r.
1B	Broadview	.12	10.11	12.36	51	51
	Moosomin	.14	14.78	12.45	53	53

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. Sept. 17, 1962	since April 1	since April 1	Sept. 17 1962	Normal
		- inches -			- degrees F. -	
SASKATCHEWAN (continued)						
2A	Yellow Grass	.05	13.51	10.64	53	54
	Creelman	trace	8.96	10.91	53	53
	Weyburn	.04	10.70	10.84	55	54
	Midale	nil	10.33	10.55	56	54
	Claybank	n.r.	12.41 <u>2/</u>	10.59	n.r.	53
2B	Moose Jaw	trace	11.53	9.79	56	55
	Regina	.07	11.00	10.24	53	53
	Francis	trace	7.82	9.97	53	53
	Qu'Appelle	.13	10.00	11.35	52	53
	Indian Head	.06	10.51	10.55	54	53
3AS	Assiniboia	nil	10.63	10.08	55	54
	Ormiston	nil	11.30	10.47	56	54
	Minton	n.r.	11.31 <u>2/</u>	11.42	n.r.	54
	Cardross	n.r.	11.89 <u>2/</u>	10.31	n.r.	54
	Ceylon	.01	8.74 <u>2/</u>	11.77	52	54
3AN	Chaplin	.04	12.65	9.10	51	53
	Gravelbourg	trace	11.10	9.78	53	54
	Coderre	.02	9.88 <u>2/</u>	9.84	52	54
	Shaunavon	trace	12.38	8.92	52	54
	Cadillac	n.r.	3.96 <u>2/</u>	10.04	n.r.	53
3BS	Pambrun	trace	8.17	10.25	52	54
	Aneroid	nil	11.37	9.14	52	54
	Val Marie	n.r.	9.85 <u>2/</u>	7.41	n.r.	54
	Instow	nil	13.67	9.35	52	54
	Pennant	.09	11.46	8.94	51	54
3BN	Swift Current	.07	10.19	10.24	52	54
	Hodgeville	n.r.	10.46 <u>2/</u>	10.14	n.r.	54
	Hughton	.06	12.45	8.50	51	54
	Consul	nil	6.46	8.00	47	52
	Abbey	.10	10.28 <u>2/</u>	8.19	51	54
4A	Cupar	.08	12.50	9.73	55	53
	Kelliher	.26	12.81	10.06	51	49
	Melville	.29	8.27	10.61	52	52
	Yorkton	.66	10.84	10.89	52	52
	Bangor	.20	8.09	10.94	53	52
5A	Dafoe	trace	11.38	11.88	52	52
	Foam Lake	.16	9.20	11.12	51	52
	Kuroki	.08	8.97	11.06	50	51
	Lintlaw	.25	8.64	11.01	49	50
	Kamsack	.27	9.94	10.74	51	52
5B	Arran	.70	11.28	10.91	51	51
	Davidson	.11	10.67	8.78	51	53
	Imperial	n.r.	10.43 <u>2/</u>	9.14	n.r.	53
	Semans	.23	12.72	8.64	50	53
	Strasbourg	n.r.	12.26 <u>2/</u>	9.71	n.r.	53
6A	Watrous	.12	12.95	8.79	51	53

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. Sept. 17, 1962	since April 1	since April 1	Sept. 17	
			- inches -		1962	Normal
<u>SASKATCHEWAN (concluded)</u>						
6B	Harris	nil	7.14 <u>2/</u>	8.63	50	52
	Outlook	.05	9.83	8.08	53	54
	Saskatoon	trace	8.95	9.79	52	53
	Elbow	nil	9.05	8.08	52	53
	Tugaske	.01	10.53	9.14	52	53
	Dundurn	.16	11.07	8.92	52	53
7A	Alsask	.17	11.87	7.81	50	52
	Kindersley	.10	11.00	8.29	51	52
	Rosetown	.10	13.68	9.40	50	53
7B	Macklin	.45	13.05	9.13	49	52
	Denzil	.39	9.93	9.13	49	52
	Scott	.30	9.53	9.23	49	51
8A	Biggar	.08	11.12	9.28	55	53
	Hudson Bay	.42	10.46	11.00	52	50
	Prairie River	.63	6.10 <u>2/</u>	10.70	50	52
8B	Armit	n.r.	7.21 <u>2/</u>	11.00	n.r.	52
	Humboldt	.05	8.06	8.94	51	52
	Melfort	.08	6.37	10.41	51	51
9A	North Battleford	.20	7.38	9.04	50	53
	Victoire	.27	5.84	9.74	50	49
	Prince Albert	trace	5.80	10.40	52	51
9B	Island Falls	1.67	10.81	11.73	50	49
	Waseca	.34	11.76	9.48	48	50
	St. Walburg	n.r.	10.94 <u>2/</u>	9.99	n.r.	49
SASKATCHEWAN AVERAGE		.16	10.53	9.98	51.8	52.6
<u>ALBERTA</u>						
1	Empress	.25	8.11	6.58	52	55
	Foremost	nil	5.87	9.35	51	54
	Hanna	1.41	15.13	9.85	48	51
	Manyberries	nil	7.54	7.06	52	55
	Medicine Hat	.44	7.12	8.51	53	56
	Naco	.44	15.22	8.26	47	52
2	Winnifred	n.r.	6.39 <u>2/</u>	7.74	n.r.	n.r.
	Brooks	.05	7.28	8.54	50	53
	Drumheller	.07	7.78	8.64	49	54
	Gleichen	.28	10.68	9.54	49	52
	Hays	.20	7.41	8.22	52	56
	Raymond	trace	7.34	9.97	52	52
	Lethbridge	trace	6.83	10.29	53	54
	Strathmore	.14	8.63	10.49	48	51
	Three Hills	nil	9.60	10.46	48	50
	Trochu	.68	11.21	11.21	49	53
	Vulcan	.12	8.03	9.72	51	51

Precipitation and Temperature Data, Prairie Provinces 1/

Province and Crop District	Station	Precipitation			Mean Temperature	
		Week ending	Total	Normal	Week ending 8 a.m.	
		8 a.m.	since	since	Sept. 17	
		Sept. 17, 1962	April 1	April 1	1962	Normal
		- inches -			- degrees F. -	
<u>ALBERTA</u> (concluded)						
3	Calgary	.07	8.99	12.06	48	52
	Cardston	trace	8.41	10.97	49	52
.	Pincher Creek	.03	11.15	12.51	50	49
	Fort MacLeod	.01	6.05	11.06	51	55
.	High River	trace	7.34	12.87	47	50
	Magrath	nil	6.91	10.67	51	54
	Olds	.75	14.77	12.42	47	50
	4 Camrose	.60	12.03 2/	10.51	49	50
	Coronation	.41	16.58	9.24	47	51
	Hughenden	.47	12.63	10.04	47	51
	Lloydminster	.36	12.63	9.50	49	51
	Stettler	.58	11.37	11.51	48	49
	Vegreville	.37	15.81	10.62	49	53
	Vermilion	.47	12.13	11.61	48	50
5	Edmonton	.86	16.45	11.98	48	51
	Lacombe	1.48	12.43	12.89	47	50
	Red Deer	.78	15.00	11.87	48	50
	Rocky Mountain House	.44	15.40	16.36	47	49
	Wetaskiwin	.26	15.02	11.95	47	50
	6 Athabasca	n.r.	14.50 2/	10.92	n.r.	48
	Campsie	n.r.	13.36 2/	12.49	n.r.	49
	Edson	1.55	17.06	13.74	46	49
	Elk Point	.61	16.68	10.30	47	48
	Embarras	.63	12.28	8.95	47	48
	Lac la Piche	.67	16.96	11.22	48	51
	Smith	.07	15.33	10.87	46	49
	Whitecourt	.96	14.95	14.25	46	48
	7 Beaverlodge	.06	10.97	9.67	45	50
	Fairview	.07	11.45	9.79	47	50
	Ft. Vermilion	.44	15.92	7.90	46	48
	Grande Prairie	.15	12.15	9.20	48	50
	High Prairie	.14	9.69	11.08	48	50
	Peace River	.02	11.93	9.11	47	50
	Rycroft	.06	10.40	9.22	46	50
	Wagner	trace	13.87	10.82	48	49
	ALBERTA AVERAGE		.36	11.51	10.45	48.5

N.R.

No report.

1/ Source: Meteorological Service of Canada.
Incomplete; not included in average

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