

22-002

no. 9

1966

Sept. 14

c. 3

E No.

ase

14, 1966

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Price: \$4.00 for series of 20 Crop Reports

Crop Reporting Series - No. 18

TELEGRAPHIC CROP REPORT - CANADA

This is the last of the 1966 series of six 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 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.

S U M M A R Y

Maritime Provinces The grain harvest is well under way in Prince Edward Island. Potatoes are also doing well and recent moisture has benefited pastures. Farmers in most districts of Nova Scotia have harvested a large part of the grain crop. Yields are generally good. Recent precipitation has proven beneficial to grass crops but conditions are still dry in the Annapolis Valley. In New Brunswick the crops are generally good in spite of continuing dry weather. Potato digging has begun with good yields and quality reported. About 75 per cent of the grain has been harvested with very good yields obtained.

Quebec Since the last report temperatures throughout Quebec were normal until the week of September 4 when they became somewhat warmer than usual. Precipitation has been generally well distributed. Haymaking is over with the exception of some second-cut haying and yields were variable from region to region. Forage corn operations are general to the south of Montreal and to the west with good yields reported. Grain harvesting is from 50 to 85 per cent completed with yields varying from 15 to 50 bushels to the acre. Farmers have commenced fall work with from 5 to 35 per cent of the land already having been ploughed. Pastures are variable and milk production as a result is also quite variable. Potato digging is just starting with production varying from average to very good. Sugar beets and grain corn appear promising.

Ontario All crops in Ontario have benefited greatly from rains during the last three or four weeks. Harvesting of a record crop of winter wheat has been completed and an increased acreage of winter wheat is now being planted in well-prepared seed beds. The drought in July affected all spring grains and a below-average yield is being harvested by most farmers. Rains have improved pastures throughout Ontario. All cattle are in good condition and the milk flow is normal.

Prepared in the Crops Section, Agriculture Division

5502-508.18

Soybeans and dry beans are now near-normal, with both crops showing improvement and all that is needed is good weather until harvest time. Corn, both shelled and ensilage, has improved and if the weather continues open a near-normal recovery will occur. Unfortunately some fields in every county have not recovered completely from the July drought. Potatoes and sugar beets look well and have improved greatly and a normal yield is expected. Onions and carrots and the remainder of the root crops have improved greatly since the August rains. Harvesting of a good quality tobacco crop is now nearly completed. Seedlings of alfalfa, clover, and grasses that came through the drought period have now improved to well above average and now look exceptionally well.

Prairie Provinces Good progress has been made with harvesting operations in the Prairie Provinces. The bulk of the crop has been combined in southern areas but generally only a small proportion has been taken off in northern districts. Most of the remaining acreage has been swathed in both Manitoba and Saskatchewan but progress has been much slower in the northern half of Alberta because of excess rain. Yield prospects have been well maintained in all provinces and grades so far have been good.

British Columbia Unsettled weather with scattered showers over most of the province has ended a dry period which extended through August and early September. Harvesting of late crops is reported in full swing with summer fruits and vegetables completed. Harvesting of late variety potatoes and onions commenced this week on the Coast showing generally good quality but yields are only average. In the Interior picking of McIntosh apples continues while operations on Red Delicious and Anjou pears are just beginning. Harvesting of canning tomatoes and beans is tapering off and spring-planted onions are almost completed. In the Peace River area grain harvesting is under way, with early reports indicating a fair to average return. Harvesting of turnips is well advanced, while other root crops are generally finished.

MARITIME PROVINCES

The grain harvest is well under way in Prince Edward Island with good yields and quality reported. Moisture conditions have improved during the past two weeks and, as a result, pastures have revived somewhat and plant growth is generally vigorous. The potato crop is doing well and so far late blight is no problem. Harvesting will not be general for another week or more but some farmers have already killed the vines preparatory to digging. About 60 per cent of the tobacco has been picked and the leaves are showing good weight. The pea harvest is finished and cole crops are now coming into the freezing plants. The first frost of the season was reported from some areas on September 17. Indications are that the damage was slight.

Cape Breton Island of Nova Scotia reports good pastures and aftermath growth as a result of adequate moisture levels. Farmers have just started to cut the grain crops and average yields are being obtained. Vegetable crops in this area are of good quality and quite plentiful. At Antigonish about 70 per cent of the grains has been harvested with good yields of both oats and barley. With rain during the past two weeks pastures have recovered quite well.

The Experimental Farm at Amherst reports that haying has been completed with a very good crop obtained. Grain cutting is also nearly completed and corn silage making will be started at any time. So far this season there has been only one light frost. In the area in general about 85 per cent of the grain has been harvested with high oat yields and average barley yields reported. Recent rains have improved fall pastures and aftermath growth which had been badly hit by the dry July and August. The blueberry crop is down but vegetable yields and especially sweet corn are good. In the Truro district weather conditions have been very good for harvesting and 90 per cent of the grain has been cut. An average to better than average crop of potatoes and vegetables is going into storage. Yields are generally very good. Blueberry picking is nearly finished and yields are satisfactory. Pastures are about average with some second-cut hay being made.

In the Annapolis Valley conditions have remained drier than normal. However, harvesting operations are on schedule with 75 per cent of the grain harvested and good yields reported. Farmers are also harvesting tobacco, pears, potatoes and vegetables. Potato yields are about 20 per cent above those of last year and vegetables are showing good quality, although unirrigated land is not producing as well due to the lack of moisture. Pastures are dry and farmers are obliged to feed hay. Seeding of winter cereals is under way and should be completed by September 20.

Reports from the Research Station at Kentville indicate that codling moth infestation is generally higher than in 1965 with some persistent late injury together with a low incidence of a second generation. Budmoth remains low for the second year. The incidence pale apple leafroller is about the same as in 1965 but mealy bug has increased in a few orchards and control measures are required. Phytophagous mites were not serious this year. However, injury to apples by the Mirid Campylomma is serious in some orchards. Winter moth injury is about equal to that of 1965.

Reports from Fredericton, New Brunswick, indicate continuing dry weather except for scattered showers. In spite of this, however, crops are generally good. Potato digging has begun with normal yields and a high quality crop in prospect. About 75 per cent of the grain has been harvested with heavy yields and excellent quality obtained. Aftermath and pastures are showing the effects of the lack of moisture. Tobacco growers have harvested about one-half of the crop with yield prospects good. Apple picking has started with high quality reported. Harvest help is scarce but manpower is being obtained from military establishments and minimum security institutions. Frosts are now occurring nightly in low-lying areas.

In the Perth district favourable weather during the past two weeks has aided farmers with grain harvesting activities. About 50 per cent of the grain has been cut. The quality is good and yields above average. Potato digging is under way and the quality of the crop is good. With favourable weather harvesting should be completed during the next three weeks.

QUEBEC

Tobacco growers in the L'Assomption and Joliette districts have almost finished harvesting their crops. Indications are that quality will be high and weather conditions so far have been favourable for curing cigar tobacco. Pastures are in good condition. A report from St. Jean indicates slightly below normal temperatures averaging 61.3 degrees for the past three weeks. Precipitation at 0.7 inch was normal. All

vegetable crops are in good condition with yield and quality better than average. A fair crop of early variety apples has been picked and in about ten days' time growers will start picking McIntosh apples. Demand is good and prices are firm. Vegetable yields are good with prices satisfactory.

In the Lennoxville area temperatures and precipitation have been normal with no frost so far. Pastures are showing good growth and the second hay cut is producing satisfactory yields. Farmers are making corn silage now with very good yields being obtained. The harvest of rapeseed, sunflowers and flaxseed has started. In Lotbinière County high winds with rain have caused a certain amount of lodging in oat fields. Also in Missisquoi County some orchards near Frelighsburg have sustained some wind damage.

At Ste. Anne de la Pocatière rainfall has been limited but was well distributed. The oats and barley crops have been 80 per cent harvested with normal yields reported. Farmers have completed the second cut of hay with production being normal. Pastures are good but field roots are only average; potatoes on the other hand are 10 per cent better than normal while apples are slightly below average.

Reports from Normandin in the Lac St. Jean district indicate precipitation of 5.37 inches during August and 1.61 inches for the last thirteen days. However, harvesting of grain crops was almost completed this week. Meadows and pastures are excellent and milk production is being well maintained. Good grain yields are being reported and a good potato crop is also expected. Blueberry picking is nearly done and yields have been high. At Caplan degree days above 43 degrees F. are decreasing rapidly. Soil moisture is adequate as a result of well distributed rainfall. Most of the grain has been cut but none threshed so far. A good yield is expected. Flaxseed is ripening with an average yield in prospect. Growers have potato digging under way with oversize tubers reported; late blight occurred during the latter part of last month. Milk production is gradually decreasing. Farmers are starting fall work, spreading manure on hay fields and ploughing.

ONTARIO

In Essex County of Southern Ontario harvesting of processing tomatoes is continuing but yields are considerably reduced due to heavy rains in July. The tobacco harvest is nearing completion while picking of peaches is almost finished. Corn and soybeans are maturing well. Silo filling operations are under way. Hay yields in this district are excellent. Land is now being prepared for seeding of fall wheat. Pastures are in very good condition. In Kent County growing conditions have been near ideal. Harvesting of white beans is under way with yields slightly above average and quality good. Corn and soybeans are maturing rapidly and yield prospects look promising. Sugar beets have made excellent growth and yield prospects appear to be about equal to the record level of last year. Seeding of winter wheat is expected to be somewhat less than last year in this county. Harvesting of burley tobacco is completed and yields were excellent. Harvesting of tomatoes is at its peak with both yield and quality reported to be good. Harvesting conditions have been near ideal. The Dominion Entomology Laboratory at Chatham reports that there has been very little hornworm damage to tobacco but there have been some reports of cricket damage to tomatoes.

In Middlesex County silo filling operations are under way and harvesting of white beans has also commenced. Moisture conditions are quite adequate but more showers are needed for germination of fall wheat. Grass growth remains good. In Norfolk County tobacco picking is nearing completion and indications are that the crop will be of record proportions. Corn is maturing well and should give good quality and a normal yield. Silo filling will soon be general. Fields are being prepared for winter wheat but more rain is required before general seeding will commence. Harvesting of an excellent crop of tomatoes is nearing completion. Apples appear to be a good average crop and picking is expected to start next week. The below-normal rainfall in August resulted in short pastures but no emergency is in prospect.

In Lincoln County drought conditions are serious with corn and grain crops reduced to about half a crop. There was no second-crop hay and pastures are poor. The effects were generally less severe on fruit crops with the exception of pears. Grape production would appear to be slightly reduced but the quality is excellent. Brown rot and other diseases appear to be light but red mite damage is extensive on most tree fruits.

In Simcoe County of Western Ontario most of the small grain crops was harvested by September 1 with yields averaging about 70 per cent of normal and samples below average due to the July drought. A limited acreage of second-crop hay is now being harvested. Pastures are in normal condition. Although the corn crop is quite variable it may make about 80 per cent of a normal crop if no frost occurs. New seedings are improving but about half the acreage still remains uncertain. Indications are that there will be a slight increase in fall wheat acreage. In Bruce County harvesting of grains is completed and yields were about 60 per cent of normal. Corn is spotty and ranges from good to poor with harvesting just commencing. The acreage seeded to fall wheat is expected to be slightly larger than last year. Pastures and late crops have revived.

Seeding of fall wheat is general in Waterloo County and indications are that there will be a slight increase over last year's acreage. The corn crop ranges from excellent to very poor. Silo-filling operations have commenced on some farms. New seedings appear to be generally quite good. Less than 15 per cent of the spring grains remains to be harvested in Wellington County and yields appear to be about normal. New seedings look very promising. The corn crop has also shown unusual improvement. Seeding of fall wheat in this county also indicates an increase in acreage over last year. Dry weather in Halton County has taken a heavy toll of pastures and supplementary feeding of cattle is necessary. About half of the winter wheat crop has been seeded but germination is doubtful until more rain is received. Harvesting of corn silage is progressing and although maturity is good, yields are considerably below normal. Harvesting of grain corn will commence soon. Ploughing is very difficult.

In Durham County seeding of winter wheat is progressing under excellent moisture conditions. Yields of grain corn will generally be below average but will be better than was expected earlier in the season. Prospects for the apple crop indicate good quality but slightly below average yields. Pastures have greatly improved.

In Peterborough County harvesting of spring grains is completed and yields were reported to be about average. Winter wheat is being seeded under ideal conditions. Silo-filling operations are well under way with yields below average but quality good. Pastures are in good condition.

In Leeds County of Eastern Ontario harvesting of corn silage is quite general but the crop is short. Some fields of red clover seed have been harvested. In Carleton County good weather has provided excellent conditions for harvesting late-seeded grains and second-crop hay. Yields of these crops are below normal due to delayed seeding of grains and winterkill of meadows. The corn crop is maturing well and silage operations have commenced. Most farms report a good crop but fields vary from fair to excellent. Pastures are in above normal condition. In Renfrew County harvesting of spring grains is completed and yields were slightly below average. Harvesting of second crop alfalfa is under way. Silo filling has commenced and the crop is reported to range from good to excellent but some fields are lacking in maturity. There was a light frost on September 12. Harvesting of tobacco will be completed about mid-September with no frost loss.

A report from Kapuskasing in Northern Ontario indicates that heavy showers in late August and early September have delayed maturity of the grain crop. Excellent harvesting weather during the second week of September facilitated harvesting those fields which were ripe. Pasture conditions are fair for this time of year. In the Thunder Bay District harvesting of grain is progressing and yields of late fields are considerably better than those seeded early. Quality is generally satisfactory. Pastures are in good condition. Most farmers have sufficient hay supplies for their own use while others have a surplus.

MANITOBA

Swathing of early-seeded cereals has been completed in Manitoba but late-seeded fields are slow in maturing. Swathing of early flax is under way in southern areas. In general combining of cereals is about 75 per cent completed with southern and central areas about 90 per cent or better completed, the northwest 60 per cent, the Interlake area, 80 per cent, the southeast 30 per cent, and low areas in the Red River Valley about 60 per cent completed. Yields and grades of all crops are average or better, with late-seeded crops outyielding those which were seeded early. Yields of flax are varying widely. Field corn and sunflowers are ripening rapidly. Seeding of fall rye is about 75 per cent completed. Spraying of stubble fields for weed growth is quite common this year. If good weather prevails, over 95 per cent of the harvest should be completed by the end of September.

A report from Vita in southeastern Manitoba indicates that harvesting in that area is about 50 per cent completed, although around Carlowrie-Arnaud operations have barely started due to wet fields. At Emerson, however, harvesting is nearing completion. There is a wide variation in both yields and grades with wheat varying from 10 to 35 bushels per acre, oats 25 to 50, and flaxseed 1/2 to 9 bushels per acre. In the Altona district cereals are 90 per cent combined with later fields providing both better weight and improved yields. Peas are yielding 20 to 30 bushels per acre. Sugar beet prospects appear to be good but continued dry weather is needed.

From Pilot Mound in the south-central area rain has delayed harvesting operations of wheat and barley, which is now almost complete. About 20 per cent of the oat crop and 30 per cent of the flax crop remains to be harvested. About one week of good weather should see operations completed. Flax yields appear to be somewhat disappointing possibly due to poor germination in the spring. In the area near Somerset an average of about 75 per cent of the oats and barley, 60 per cent of the wheat, and 10 per cent of the flax has been harvested. Yields of wheat are averaging between 20 and 30 bushels, barley 30 to 40 bushels, and oats 50 to 60 bushels per acre. The flax crop appears to be generally below average. The weather is somewhat unsettled although no rain has been recorded. However, heavy dew and high humidity have slowed down harvesting. Wheat is of good quality and is mostly grading No. 3. In the Melita area harvesting of cereal crops is about 95 per cent complete. Flax has been about 25 per cent harvested and yields appear to be lower than a year ago. The seeding of fall rye is about 75 per cent completed and conditions for germination are reported from poor to good. The precipitation during the past week was negligible.

North of Winnipeg at Stonewall about 80 per cent of the threshing has been completed with wheat yields about 28 bushels, barley 36 bushels, oats 47 bushels, and flax 9 bushels per acre. The corn crop is maturing well but stands are only fair to good. Pastures are very short and the fall stubble is being sprayed for heavy thistle stands. West of Winnipeg at Portage La Prairie the harvest is approximately 60 per cent completed with a wide variation of yields between farms being reported. The yields of wheat range from 28 to 30 bushels, barley 40 bushels, oats 38 to 42 bushels, flax 7 bushels, and rye 30 bushels per acre. Rapeseed yields are reported to be only fair. Peas are yielding nearly 18 bushels per acre but potato yields are down from last year.

Favourable weather in the Virden area has resulted in rapid progress with the harvest. Practically 100 per cent of the crops has been swathed and about 75 to 85 per cent combined. If good weather continues, harvesting should be completed by the end of next week. Yields are about average with the weight and grades good. The seeding of fall rye is under way and soil moisture conditions are favourable.

Harvesting is progressing well in the Teulon region and some farmers have completed operations. Wheat yields are averaging about 30 bushels per acre and grading No. 3. The majority of the coarse grains are swathed but most of the flax is still standing. At Arborg approximately one-half of the harvesting has been done. Three-tenths of an inch of rain was received on Friday which stimulated pasture growth. Timothy has been combined with resulting yields of about 400 pounds per acre. A good proportion of the barley has been combined with a good sample yielding 60 bushels per acre. In the west-central area at Neepawa virtually all the cereals have been swathed with 80 per cent combined. Grades and yields indicate an average to above average crop with wheat averaging 25 bushels and generally grading No. 3 Northern. Barley is yielding about 35 bushels with a good percentage grading 3 C.W. Oats are yielding approximately 40 bushels per acre with a large percentage grading No. 1 Feed. To date very little flax has been swathed.

In the west-central region at Shoal Lake harvesting is progressing favourably despite intermittent rain. Swathing is almost complete except for flax and late-seeded cereals. Combining is about 50 per cent completed with wheat yields ranging from 23 to 40 bushels, and barley 30 to 65 bushels. Dry weather will be a crucial factor in reducing wild duck damage. At Russell the harvest is about 60 per cent completed. Light rains have halted combining over the past week end. Yields have been very good with wheat reported to be 35 to 50 bushels, barley 35 to 40 bushels, and oats 65 to 75 bushels per acre. Overall average yields will be much smaller in the hailed out areas. In northern Manitoba at Dauphin cereal crops are about 50 per cent harvested. The greater proportion of the wheat is grading No. 3. Excellent performance by Manitou wheat and Conquest barley has been reported. The late crop is ripening very slowly and heavy leaf rust persists in some areas. Rapeseed yields are below average and to the present time no flax has been harvested. Farther north at Swan River showers have periodically curtailed harvesting and to date only about 25 per cent has been completed. The Birch River area has received considerable rainfall with harvesting about 25 per cent complete. Fall rye has averaged about 35 bushels, wheat 30 bushels, and barley 40 bushels per acre. Rapeseed yields have been reduced to an average of about 12 bushels per acre due to fungus and virus diseases.

The Canadian Hail Underwriters Association reports the following hail storms: August 29, Russell to Rosburn and Minnedosa, August 28, Shoal Lake to Newdale-Riding Mountain area: August 30, Medora to Souris to Rounthwaite Fairfax to Baldur, Knox to Macgregor to Portage to Marquette, Minnedosa area, Grand View to Winnipegosis-Starbuck area.

The unweighted average precipitation for the province since April 1 has been 2 per cent above normal, compared with 5 per cent above normal a week ago, 2 per cent above normal two weeks ago, and 24 per cent above normal a year ago. The mean temperature for the week ending September 12 was 6.2 degrees above normal, compared with 2.7 degrees above normal a week ago, and 4.1 degrees above normal two weeks ago, and in contrast to 7.2 degrees below normal for the week ending September 3, 1965.

SASKATCHEWAN

Good progress has been made with harvesting operations in Saskatchewan. Some 75 per cent of the wheat has been combined in southern districts, 45 per cent in central areas, and 15 per cent in northern districts. For the province as a whole about 55 per cent has been threshed. In addition, approximately 65 per cent of the coarse grains, 45 per cent of the rapeseed, and 15 per cent of the flaxseed has been combined. Swathing is well advanced, with 85 per cent of the wheat and 90 per cent of the coarse grains and rapeseed completed, while 20 per cent of the flax has been cut. Since the bulk of the crop is now swathed, the threat of frost damage is considerably lessened. Yield prospects remain excellent at near-record levels.

In the Willmar district in southeastern Saskatchewan 95 per cent of the crop has been harvested and our correspondent expects wheat to average 20, oats 25, barley 15, rye 15, and flax 8 bushels per acre. The grades are mostly Nos. 2 and 3 with good weight per bushel. It is expected that fall rye sowings will be increased. Most summerfallows are very green from volunteer wheat and some wild oats. At Yellow Grass wheat and coarse grain combining has been completed and

only flax remains to be harvested. Wheat yields are quite variable and range from 10 to 30 with an average expected to be about 18 bushels per acre. Flax ranges from 10 to 14 bushels. The grain has been harvested dry. There is excessive growth on summerfallows and some hailed crop land. A considerable amount of fall tillage has been done.

The Experimental Farm at Indian Head reports that only .06 inch of rain has fallen since September 1 so that combining has advanced very rapidly. About 70 per cent of the grain is threshed. Some late swathed grain is too high in moisture content to pick up. Yields of summerfallow wheat are averaging from 30 to 35 bushels and oats around 60 bushels per acre. Wheat is grading well. Heavy local showers in the eastern part of the area around Moosomin have delayed threshing but very few fields are not swathed. No frost has been reported so far this fall. Heavy August rains stimulated the rank growth of volunteer grain on summerfallows and most of these fields will have to be worked this month. Ideal weather at Fillmore has allowed farmers to complete approximately 75 per cent of the harvest. Yields are quite variable according to the rain patterns this summer, with summerfallow wheat varying from 20 to 40 bushels per acre and grading mostly No. 3 Northern. Coarse grain yields have been good. Flax is not yet harvested but a better than average crop is expected. Gardens are very good.

In the south-central part of the province at Big Beaver the harvest has been completed and the yield of wheat was about 17 bushels per acre. The sample has good colour and weight. Summerfallows are generally in poor condition due to severe weed growth. The hay crop was good and livestock are in good condition. The Gravelbourg district has experienced some very nice harvesting weather and this operation is almost completed except for a few low spots. Wheat quality is good with over 90 per cent falling in the top three grades. Farmers are now busy on summerfallows which became green with volunteer wheat.

At Val Marie in the southwest part of the province some 95 per cent of the combining has been done which is about 10 per cent above average for this time of the year. The average yield of wheat is about 17, oats 50, and barley 35 bushels per acre. The hay crop is about 10 per cent below average. The harvest is in full swing at Eastend and is now some 65 per cent completed. Weather conditions have been good but crop maturity in low areas has been very slow. Wheat is expected to average about 30 bushels per acre. There is a heavy growth of volunteer grain on summerfallow fields which now requires attention. Grass-hopper infestations are serious in the Consul-Vidora areas.

The harvest is also progressing rapidly at Swift Current, with cereal grains practically all cut. Some 70 per cent of the combining has been completed and wheat yields are ranging from 20 to 45 bushels with the average being about 30 bushels per acre. The sample is excellent. Barley yields are ranging from 40 to 60 bushels per acre. Most summerfallow fields are showing a light to heavy growth of volunteer grain and immediate working is required to prevent a loss of moisture. Over half of the wheat has been threshed around Leader and exceptional returns are reported. The sample is very good and bushel weight is very high. Flax is still green but prospects are good.

At Togo in the east-central part of the province harvesting is well advanced and swathing is generally completed. Some farmers have completed combining while others are just starting. Yields of summerfallow crops are good but outturns from second-crop lands are variable. Some barley is very poor due to drought and heat. Wheat is grading mostly No. 3 Northern. One week of good weather would nearly complete the harvest in this district. Pastures are dry. The harvesting has been stopped at Sturgis due to rain. About 10 per cent of the wheat has been combined and yields are good and the sample grading mostly No. 2 and 3. Approximately 20 per cent of the coarse grains has been taken off with oats yielding about 60 bushels and barley about 50 bushels per acre. Rapeseed yields are relatively low at about 16 bushels per acre. Haying has been completed and pastures are good. Good drying weather is now required to complete the harvest.

About three-quarters of the combining has been completed in the Drake district of central Saskatchewan and with the favourable weather prevailing this week, the bulk of the harvest should be completed within a few days. Wheat yields range from 15 to 40 bushels with No. 2 being the predominant grade. Oats are averaging about 60 and barley 50 bushels per acre.

At Rosetown in the west-central part of the province most of the barley and oats and about 40 per cent of the wheat has been harvested. Some stubble fields of wheat are turning out as high as 30 bushels and summerfallow fields are running from 40 to 50 bushels per acre. The district average should be about 35 bushels. Wheat is grading No. 1 and 2 at present. The Experimental Farm at Scott reports that although swathing is nearing completion very little combining has been done to date. Swaths are taking a considerable time to dry because the grain was cut a little on the green side. However, the grain sample and yields have been excellent. Continued warm, dry weather will be required for a further three week period or longer to complete harvesting operations.

The Experimental Farm at Melfort in the Northeast section of the province reports that farmers made good progress with harvesting operations before rain caused a halt on the week end. It is estimated that 15 per cent of the wheat, 75 per cent of the oats and barley, and 40 per cent of the rapeseed have been combined. Estimated yields are wheat, 30, oats 60, barley 40, and rapeseed 22 bushels per acre. Weights and grades of all grains are very good. It is still too early to determine the damage to standing grain which will occur due to 10 degrees of frost on the night of September 12.

The Saskatchewan Municipal Hail Association reports that during the year storms have again struck in almost every section of the province and losses have been 50 per cent greater than last year. Hail storms since the last report have been small. Small storms occurred at Markinch on August 21, Maryfield on August 27, Wakaw on August 30 and Moosomin, Kipling and Corning on September 8. The Canadian Hail Underwriters Association reported the following storms: August 27, Maryfield area; August 30, Alvena, Wakaw area, Blaine Lake area; September 8, Corning, Peebles, Kipling area, Calder area, Moosomin area.

The unweighted average precipitation for the province since April 1 has been 6 per cent above normal, compared with 9 per cent above normal a week ago, 11 per cent above normal two weeks ago, and 33 per cent above normal a year ago. Mean temperature for the week ending September 12 was 9.7 degrees above normal, compared with 2.2 degrees above normal a week ago, 3.8 degrees above normal two weeks ago and in contrast to 6.8 degrees below normal for the week ending September 13, 1965.

ALBERTA

Harvesting of the grain crop is well advanced in southern Alberta, but cool, damp weather continues to delay operations in the west-central and northern regions of the province. Ninety to 100 per cent of the grain is swathed in the Medicine Hat, Lethbridge, Bassano district and two more weeks of good harvest weather in the south will see most of the grain in the bin. A fairly high percentage of the grain is swathed in the area between Calgary and Edmonton, but little threshing has been done due to poor drying weather. In the area north of Edmonton to Westlock, the grain is ripe enough to swath but the ground is too damp to commence swathing. Some barley has been swathed in the Peace River but most of the grain is too green, and as yet no threshing has been done. Generally, two more weeks of frost-free weather are needed in the northern part of the province if the harvest is to be completed without serious damage from frost. The grain, rapeseed and flaxseed threshed up to the present are grading quite well, particularly in the south. Pastures are in good condition and are greener than normal for this time of year.

In southeastern Alberta, around Manyberries, the harvest is 95 per cent completed and estimated yields of grain are: wheat 30 bushels, oats 60, barley 50, flax 15, and rye 20 bushels per acre, with wheat expected to grade mostly 1 and 2 Northern. Pastures are reported dry as no rain has been received for a month. However, sufficient grass is available and cattle are in good condition. Around Medicine Hat the harvest is nearly completed due to very good weather with some 25 per cent of the wheat and 30 per cent of the flax remaining to be threshed. The light rain received on September 12 will slow threshing. The average yields are: wheat 30 bushels, barley 60, oats 50, and flax 20. The second-cut of hay is almost completed. Except for hail damaged crops, pastures are good. The harvesting of sugar beets will commence on September 23.

In the southwest around Lethbridge the harvest of spring wheat and barley is 70 per cent completed and barley yields of up to 75 bushels per acre are reported. Fall rye is now in the three leaf stage and the seeding of winter wheat is about 40 per cent completed. There is danger, however, from wheat streak mosaic preventing seeding in many areas. Better than average yields of sugar beets are expected. The potato harvest is progressing well. Around Claresholm the harvest is 50 per cent completed in most cases. Yields are above average and grades are good. Seeding of fall grains is becoming general. Two more weeks of good weather will see this year's grain crop in the bins.

In the south-central part of the province around Brooks the harvest is 70 per cent completed except for flax. A good second cut of alfalfa was harvested and yields were better than anticipated. The yields for crops in the area are: wheat 30 bushels, and barley and oats about 65 bushels. Showers over part of the district on September 12 delayed operations temporarily. The yield of forage crop seed appears to be good. At Vulcan hot, dry weather this past week helped to complete harvesting of rapeseed and oats. The mustard and barley crops are about 80 per cent harvested with wheat about 80 per cent threshed. Reports indicate above normal yields, at 40 bushels per acre for wheat, oats 80 bushels, barley 60, and rape and mustard 1,400 pounds.

In the Calgary district of west-central Alberta fine weather the past two weeks has been very beneficial. Swathing is general and combining getting under way. Early results show very good yields and grades are generally good, but frost damage is evident in some localities. Around Olds the harvesting of barley and rapeseed has gone along favourably, and yield and quality are reported good. Cutting of wheat is now general and threshing should commence next week if dry weather continues.

In the north-central part of the province around Vermilion the cutting of grain is now general with 50 per cent of the wheat, between 50 and 75 per cent of the oats, 85 per cent of barley, and 100 per cent of the rapeseed now in the swath. Very little of the threshing has been completed due to wet weather but, with conditions permitting, threshing should be general by the end of this week.

In the central part of the province around Stettler crops have been slow in ripening. There are also signs of rust in the wheat. Some 80 per cent of the barley is in the swath and 20 per cent of the wheat. No frost damage has been reported to date. The expected yields for wheat are 35 bushels, and barley 60 bushels per acre. The weather has been mostly cool and cloudy, and the need at the moment is for more drying weather, particularly since wheat has been lying in the swath for ten days, still with a moisture content of 17 per cent.

At Edmonton cool, wet weather has held up the harvest for the past several days. Threshing of barley is just now becoming general and warm, dry weather is urgently needed to allow all harvesting operations to be resumed. Southwest of Edmonton at Stony Plain good weather this past week allowed more harvesting operations to proceed but fields are still soggy in several districts. About 60 per cent of the barley and rape has been cut, with 25 per cent combined. One-quarter of the wheat and oats has been cut during the past few days. Yields should average 28 for wheat, 40 for barley and 55 bushels per acre for oats, if weather permits completion of harvest. If a killing frost arrives next week, considerable damage would be done to the late oat crop.

In the west-central part of the province around Red Deer favourable weather has allowed harvesting to progress rapidly, with 60 per cent of the barley now threshed with above average yields of high quality. Oats and wheat are late, but have been 50 per cent swathed. The second cutting of hay is in progress and pastures are reported to be excellent. At Lacombe dry weather since September 1 has allowed swathing to near completion. Combining of barley is 25 per cent completed with wheat and oats only 10 per cent. The estimated yields are: barley 40 bushels, wheat 30 to 35, and oats 50 bushels. Some second-cut hay has been taken off with yields averaging around three-quarters of a ton per acre. At Eckville swathing is some 90 per cent completed and threshing 20 per cent completed. The grain is of good quality. Samples of barley are entering malting grades, but yields are slightly below earlier estimates. Summerfallows are in good condition and fall cultivation is being done.

In the northeast of the province at Bonnyville slow progress is being made with swathing, since recent heavy rainfall has delayed maturity and promoted second growth. A few fields that have been threshed have yielded well for straw and a fair bushel average is expected. The light frost of the morning of September 13 did not cause much damage.

In the northeast of the province at Colinton the estimated average yields are: wheat 35 bushels, oats 60, barley 40, and rapeseed 20 bushels per acre. No serious frost damage has been reported to date. The cutting of all crops is general in the area, with threshing completed as follows: barley 30 per cent, oats 20, and rapeseed 20 per cent. Threshing will be general in the area on September 20 if warm weather continues. Forage crops that were left for seed are being cut for feed because of poor seed set. Very poor yields of hay were obtained, although supplies will be adequate to meet winter requirements.

In the Peace River area of Alberta around Beaverlodge the harvesting of fescue has been completed with yields ranging from 150 to 700 pounds per acre. Some swathing has been done in the cereal grains and oilseed crops, but no combining has started. Swathing of Alsike clover is in progress. No serious frost damage has occurred in the area. A good crop is still in the field but at least two weeks of favourable harvest weather will be required for the majority of cereals, oilseeds and legumes.

The Alberta Hail Insurance Board reports the following incidence of hail: on August 30, light, spotty damage at Hughenden and Derwent; September 1, storm originating at Drayton Valley eastward through Tomahawk, St. Francis, Millet to Vegreville, with light damage at Tomahawk where one township was severely damaged; September 11, local storm at Oyen, medium damage on 2,000 acres. The Canadian Hail Underwriters' Association reports the following hail storms: August 29, Beaverlodge area; September 1, Thorsby area.

The unweighted average precipitation for the province since April 1 has been 9 per cent above normal, compared with 12 per cent above normal one week ago, 9 per cent above normal two weeks ago, and 31 per cent above normal a year ago. Mean temperature for the week ending September 12, 1966 was 5.1 degrees above normal, compared with 0.4 degree above normal one week ago, 4.6 degrees above normal two weeks ago, and in contrast to 6.7 degrees below normal for the week ending September 13, 1965.

BRITISH COLUMBIA

Reports from Vernon in the north Okanagan indicate that the cereal harvest is 90 per cent complete with near record yields. The second-cut hay crop was above average and some third cut is now being harvested. Silage corn has jumped in the past few weeks with near average yields now expected. Pastures and ranges are reported in good condition. Warm weather in Summerland in the south Okanagan has resulted in good quality fruit and the near completion of the peach harvest. Spot picking of McIntosh apples is general in most areas with full scale picking expected in a week. Apple size is generally satisfactory except for winter damaged trees. Early grapes are now being harvested with general harvesting expected in one week. Picking of Anjou pears and Delicious apples is also expected to commence in one week.

Reports from Prince George in the Caribou district indicate recent inclement weather as having hampered final harvesting of hay crops. Grain harvesting is foreseen in the near future but warmer weather is needed. Despite a good growing season harvesting conditions are reported as hit and miss. Further reports from Prince George indicate a light frost on September 7 and 13. There was little apparent injury except to flowers and potatoes in the low areas. Continuing showery weather resulting in wet field conditions has delayed harvest operations. Further difficulties in harvesting are anticipated.

Victoria reports indicate weather as drier and cooler than normal. Good crops are reported for Wealthy and Gravenstein apples. Spartons and McIntosh are sizing well. The Bartlett pear crop is also reported as good but fruit size is small. Vegetable crops are good except for corn, tomatoes and cucurbits. Pastures are suffering from drought and the hay aftermath is poor.

In the Peace River Block, harvesting at Dawson Creek is later than usual. Showery weather since August 26 has kept combining to a minimum. Barley is 30 per cent swathed and 5 per cent combined with an average yield of 25 bushels per acre. Wheat is 10 per cent swathed with no combining and an average anticipated yield of 20 bushels per acre. Light frost during the past week is expected to reduce wheat grades to No. 4 Northern or lower.

In the Agassiz district of the Lower Mainland, temperature conditions have improved greatly throughout August and early September. Rainfall of 1.09 inches has been experienced since September 9. Harvesting of corn for processing is general with yields and quality good. Instances of damage by starlings is reported from the Sumas area. Silage crops are progressing rapidly and harvesting operations are expected to commence during the week of September 19. Broccoli is reported as good in yield and quality. Brussels sprouts are developing very well. Pastures are excellent. Harvesting of oats is completed in the eastern end of the Lower Fraser Valley and is reported continuing in the Western Delta.

Reports from Creston in the Kootenays indicate that White Dutch clover and seed peas are completely harvested with yield and quality above average. Above average hay yields were also obtained. An above average cereal grain harvest is now 80 per cent complete. Tree fruits such as pears and apples have sized well and a considerable quantity of pears has been picked. Cool nights are improving apple colour.

At Kamloops the second and third cuts of hay have been taken off. Below normal temperatures have retarded corn maturity but the quality is good and silage operations have begun. Range conditions are good but irrigated pasture growth is slowing up.

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. Sept. 12, 1966	since April 1	since April 1	8 a.m. Sept. 12	
			inches		1966	Normal
						degrees F.
MANITOBA						
1	Boissevain	trace	11.29	12.87	65	56
	Pierson	.05	8.57	11.54	63	56
	Waskada	N.R.	10.50(2)	12.19	N.R.	57
2	Baldur	trace	13.20	12.87	65	57
	Pilot Mound	nil	11.27	12.55	65	56
3	Altona	nil	16.44	11.91	64	58
	Deerwood	trace	12.12	12.42	64	59
	Graysville	nil	15.00	11.24	62	57
	Gretna	N.R.	9.38(2)	12.35	N.R.	58
	Morden	trace	12.89	12.63	64	59
	Morris	nil	15.09	11.80	65	59
	Portage la Prairie	trace	12.33	14.43	63	58
	Roland	trace	16.12	12.33	63	59
4	Stonewall	nil	10.54	13.07	63	57
5	Emerson	nil	14.04(2)	12.47	66	58
	Steinbach	trace	17.00	12.58	63	57
	Winnipeg	trace	12.41	12.65	64	58
	Starbuck	trace	17.20	12.47	64	58
6	Seven Sisters Falls	nil	11.30	12.10	63	57
	Great Falls	nil	7.39(2)	9.82	65	57
	Sprague	nil	17.63	13.97	62	55
7	Rivers	.02	9.91	12.41	65	56
	Virden	.03	9.45	12.09	64	56
8	Brandon	trace	9.20	12.82	64	56
	Cypress River	nil	12.52	12.36	64	57
9	Gladstone	.18	10.08	12.98	N.R.	56
10	Birtle	.24	13.75	12.71	63	55
	Rosburn	.03	12.36	11.81	58	56
	Russell	.08	12.56	10.52	58	54
11	Dauphin	.16	10.91	12.45	62	56
12	Arborg	.26	10.59	12.48	59	57
	Gimli	trace	12.26	12.99	62	56
	Steep Rock	.59	10.14	11.68	62	56
13	Swan River	.05	11.93	12.21	62	56
	The Pas	.31	13.72	10.80	61	54
14	Grass River	.38	10.11(2)	12.83	61	56
MANITOBA AVERAGE		.07	12.57	12.32	63.0	56.8

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. Sept. 12, 1966	since April 1	since April 1	8 a.m. Sept. 12	
			inches		1966	Normal
					degrees F.	
<u>SASKATCHEWAN</u>						
1A	Carlyle	nil	8.83	11.10	64	55
	Estevan	.03	8.43	10.79	67	58
	Oxbow	N.R.	7.90(2)	10.44	N.R.	56
	Willmar	nil	9.44	11.71	N.R.	N.R.
1B	Broadview	.24	9.97	12.18	62	54
	Moosomin	.70	10.44(2)	12.39	65	55
2A	Yellow Grass	nil	6.80	10.44	67	56
	Weyburn	trace	8.67	10.65	66	57
	Midale	N.R.	7.59(2)	10.54	N.R.	57
2B	Moose Jaw	.01	9.89	9.96	69	58
	Regina	trace	10.10	10.38	67	56
	Francis	trace	8.77	10.04	64	55
	Qu'Appelle	N.R.	8.92(2)	11.06	N.R.	55
	Indian Head	.03	10.98	10.37	65	55
	Ormiston	nil	8.67	10.54	67	57
3AS	Cardross	.03	10.39	10.44	67	57
	Ceylon	nil	9.69	10.87	63	56
	Chaplin	nil	11.09	9.19	67	56
3AN	Gravelbourg	nil	8.59	8.96	69	57
	Shaunavon	trace	12.51	8.96	69	57
3BS	Pambrun	nil	8.63	9.69	68	56
	Climax	N.R.	5.81(2)	8.23	N.R.	N.R.
	Aneroid	nil	8.75	8.77	68	57
	Instow	trace	11.41	9.26	66	56
	Swift Current	.07	11.48	10.13	69	56
	Pennant	.01	10.84	8.99	69	56
3BN	Hodgeville	nil	10.23	9.64	65	56
	Hughton	nil	14.65	8.17	67	57
	Maple Creek	.02	10.61	8.46	68	57
4A	Consul	.06	9.08	7.76	65	56
	Abbey	trace	9.62	8.59	68	57
4B	Leader	.04	12.84	8.05	66	57
	Cupar	trace	12.43(2)	10.55	66	56
5A	Balcarres	N.R.	7.79(2)	11.15	N.R.	N.R.
	Lipton	N.R.	8.78(2)	11.16	N.R.	56
	Melville	N.R.	8.78(2)	11.26	N.R.	55
	Yorkton	trace	9.51	10.98	63	55
	Bangor	.22	10.68	11.56	63	55
	Wynyard	.04	14.47	10.44	64	55
5B	Foam Lake	N.R.	12.81(2)	10.69	N.R.	54
	Kuroki	.17	12.46	10.91	61	53
	Lintlaw	.09	13.71	11.03	62	52
	Kamsack	.03	11.55	10.36	62	55

- III -

Precipitation and Temperature Data, Prairie Provinces(1)

Province and crop district	Station	Precipitation			Mean tem- perature week ending 8 a.m. Sept. 12	
		Week ending 8 a.m. Sept. 12, 1966	Total since April 1	Normal since April 1	1966	Normal
			inches		degrees F.	
SASKATCHEWAN - Concluded						
6A	Davidson	.06	10.31	9.50	66	55
	Imperial	N.R.	6.59(2)	9.95	N.R.	56
	Strasbourg	.04	10.74	10.82	66	56
	Watrous	nil	13.13	9.42	64	56
6B	Harris	nil	7.35(2)	8.02	65	55
	Outlook	.04	8.62	8.13	71	56
	Rosthern	.03	9.31	9.09	62	55
	Saskatoon	.28	10.76	8.78	67	56
	Elbow	.02	7.25	9.83	67	57
	Tugaske	.12	10.95	9.97	67	56
	Dundurn	.11	10.04	8.60	74	56
7A	Alsask	.22	10.15(2)	7.39	66	56
	Kindersley	.11	8.49	8.12	67	56
	Rosetown	.25	10.92	9.03	67	55
7B	Macklin	trace	10.08	9.10	63	54
	Denzil	trace	10.18	8.94	63	53
	Scott	.15	8.24	9.12	63	53
	Biggar	.13	12.20	9.12	65	55
8A	Hudson Bay	.22	15.10	11.22	60	53
	Prairie River	.62	12.99	11.43	59	53
8B	Humboldt	.01	14.19	8.96	59	54
	Melfort	.87	12.59	10.04	59	54
9A	North Battleford	.14	8.57	8.76	64	55
	Victoire	.05	6.95	9.85	61	53
	Prince Albert	.33	11.73	10.16	62	55
	Island Falls	.02	11.60	11.17	60	51
9B	Waseca	trace	9.14	10.46	59	53
	St. Walburg	.03	7.55(2)	9.53	59	51

SASKATCHEWAN AVERAGE

.09	10.48	9.88	65.0	55.3
-----	-------	------	------	------

ALBERTA

1	Empress	trace	8.74	8.27	67	57
	Foremost	nil	11.09(2)	8.44	66	57
	Hanna	nil	11.38	9.63	65	54
	Manyberries	N.R.	8.43(2)	7.54	N.R.	58
	Medicine Hat	trace	10.93	8.42	70	58
2	Brooks	trace	11.96	8.81	65	56
	Drumheller	nil	11.01(2)	8.79	63	54
	Gleichen	nil	12.39	9.90	62	55
	Hays	trace	13.32	7.94	65	57
	Rainier	.07	13.12	9.00	64	56



1010505386

- 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. Sept. 12, 1966	since April 1	since April 1	8 a.m. Sept. 12 1966	Normal
			inches		degrees F.	
ALBERTA - Concluded						
2	Vauxhall	trace	12.99	8.02	64	56
	Raymond	trace	15.79	9.23	60	57
	Lethbridge	trace	15.74	10.03	66	56
	Trochu Equity	nil	9.63	11.38	61	54
	Vulcan	nil	15.18	10.87	63	55
3	Calgary	nil	12.76	12.06	60	54
	Cardston	trace	15.34	11.12	64	55
	Pincher Creek	.29	13.73	12.09	61	54
	Fort MacLeod	nil	14.13	11.13	63	57
	High River	nil	11.89	12.49	59	52
	Magrath	N.R.	12.91(2)	11.25	N.R.	57
	Olds	nil	13.56	13.01	58	52
	Alliance	.01	11.47	10.04	58	54
4	Coronation	nil	10.33	9.79	62	53
	Hughenden	trace	11.05	10.03	61	54
	Lloydminster	.03	9.62	10.14	60	54
	Stettler	trace	11.80	11.07	59	53
	Vegreville	.15	9.02	10.57	58	53
	Ranfurly	.05	9.97	11.59	57	53
	Vermilion	.05	9.09	10.91	58	52
	Edmonton	.09	12.00	12.57	57	53
	Lacombe	trace	8.62	12.91	57	53
	Red Deer	trace	11.30	12.13	58	53
5	Rocky Mountain House	.01	16.21	14.56	58	52
	Wetaskiwin	.11	12.70	12.41	57	53
	Athabasca	N.R.	13.79(2)	11.61	51	52
	Campsie	.16	10.75	12.94	53	51
	Edson	.17	17.32	14.23	53	50
	Elk Point	.40	9.11	11.04	57	51
	Lac la Biche	.29	12.02	11.41	55	53
	Smith	.03	9.60	13.31	51	52
	Whitecourt	.17	14.78	13.65	52	50
	Beaverlodge	.54	11.56	9.85	50	52
6	Fairview	.18	8.98	9.71	51	52
	Ft. Vermilion	.18	7.95	8.08	52	50
	Grande Prairie	.95	11.72	9.63	62	52
	High Prairie	.16	8.10	11.02	52	51
	Peace River	.54	7.57	7.94	51	52
	Rycroft	.36	8.23	9.98	51	52
	Wagner	.13	10.22	10.27	52	51
ALBERTA AVERAGE		.11	11.64	10.66	58.7	53.6

N.R. - No report. (1) Source: Meteorological Service of Canada. (2) Incomplete; not included in average.