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TELEGRAPHIC CROP REPORT

Ottawa, July 10, 1945, 3 p.m. - The fifth of a series of 9 telegraphic reports covering crop conditions throughout Canada is issued today by the Dominion Bureau of Statistics. Included in this report is the sixth of a series of 14 telegraphic reports on crop conditions in the Prairie Provinces. A selected list of crop correspondents chosen from the Dominion and Provincial Departments of Agriculture, private crop observers and grain men, supply the information on which these reports are based.

SUMMARY

Crops across Canada have made fair progress during the past week with fairly generous rains being received in the Maritimes and in the Prairie Provinces. Warmer weather has greatly improved crops in Prince Edward Island and in Nova Scotia, but the late seeding has made the date of harvesting very uncertain and some 10 per cent of crop land still remains to be seeded. The hay crop is good but apples are poor. Conditions in New Brunswick are variable, many grain fields are late, although hay and pastures are good.

Grain crops in Quebec which had been held back by earlier cold weather have made vigorous progress during the past three weeks. Haying is now in full swing and in all districts pastures are holding up well. Milk production is high. Flue-cured tobacco is promising although some late planted cigar tobacco is suffering from drought. Fall wheat in Ontario is now being harvested and good yields are assured. Spring grains, however, are somewhat spotty owing to wide variation in the dates on which they were seeded. Haying is now nearing completion and yields have been very good. Late crops are backward and warmer weather is needed to bring these along. Ontario crops are generally much better than was expected earlier.

The agricultural areas of the Prairie Provinces all received rain during the past week and, although these were not heavy, they kept crops coming along. Only warmer weather is now needed in Manitoba to promote rapid growth. Early sown cereals are still in the shot-blade stage in most districts and the occasional barley field is heading out. South of the main line of the Canadian Pacific Railway crops are more advanced than to the north. Special crops are in good condition, although corn is backward owing to the continued cool weather. Haying is under way and the crop promises to be heavy.

The rains of the past week have not proved sufficient to promote anything like complete recovery in the south-west half of the agricultural area of Saskatchewan. North of a line between Regina and Lloydminster crops promise better-than-average yields, although they are late. South of this line germination has been uneven and much of the wheat is heading out on very short straw. Around Rosetown average yields are not expected to exceed 10 bushels to the acre, and conditions in the Swift Current area are even less favourable. Weeds continue to constitute a serious menace, although damage from wireworms and cutworms has been small. Hail damage has been reported from scattered points but no serious losses have as yet been reported. Warmer weather is needed in the north-east to bring grain crops along more rapidly.

Recent rainfall has not proved sufficient to alter crop prospects in Alberta materially during the past week. Crop Districts 2, 3 and 4 still promise better-than-average yields, while crops in the Peace River District are also making good progress. In the central areas, centering around Edmonton, only cool weather has prevented complete failure as rainfall has been very scanty. The south-east is

also beginning to burn badly. Severe hail damage occurred at many points south and east of Olds on July 2 and 3 and it is likely that the toll of these storms will prove considerable, although late seeded crops are staging a recovery.

In British Columbia, generally, conditions are good with grains well ahead in most parts. Haying is general and good. Early apples are going to packing houses and small fruits are being harvested with strawberries completed. Pea canning has begun.

Maritime Provinces

Prince Edward Island's crop conditions are generally improved with high temperatures and frequent showers causing rapid growth. All crops are now progressing favourably. Growing conditions in Nova Scotia in the last ten days have been excellent, but seeding has been so late that there is uncertainty about harvesting, and 10 to 15 per cent of the land intended for grain and other crops will not be seeded. If favourable weather continues, however, large yields can be expected from the crops sown. The hay crop will be good but grass and root crops are variable, although many fields on low heavy land are very promising. Apples will be considerably reduced from last year. There has been warm weather recently in New Brunswick which has caused rapid growth of some crops. Some poorly drained fields have only now become dry enough to sow. Grain fields are late and spotty. In the Upper St. John River Valley grain and potatoes are excellent and hay is abundant. Elsewhere hay and pastures are good. In coastal and southern counties numerous fields are not in crop because of the wet condition of the land.

Quebec and Ontario

Haying in Quebec is in full swing in all districts with a heavy crop of fine quality hay reported. Pastures are holding up well and milk production is being maintained at a higher level than last year. Grain crops which had been held back by adverse weather have made vigorous progress during the past three weeks as a result of higher temperatures. Gardens were also helped. A strawberry crop ranging from average to very good has now been picked. Prospects are that all crops will be fairly well up to normal from districts of Three Rivers to Gaspé Peninsula; while from Lake St. Pierre to the Ottawa River Valley districts a decrease of about 20 per cent in average yields is expected. In the Ste. Anne de la Pocatière district more rains give promise of good cereal crops. Pastures are good. Haying has started, yielding an average to good crop. The fruit and honey crop is also reported to be good. Around Normandin heavy rains, coupled with good growing conditions have aided pastures and brought crops along well. The hay crop is excellent although haying has been delayed by rain, while vegetable crops are late. In the Lennoxville area haying is general with a good crop reported. Early sown grain is headed while later grain is growing well. Corn, root crops and pastures are doing well. Grain and crop prospects in the Richelieu Valley are good. Tomatoes and corn are doing very well while early canning peas, yielding below normal, are being processed. Reports from Hemmingford indicate an excellent crop of hay and with ideal weather, haying is well advanced. The apple crop is a complete failure. In L'Assomption dry weather is permitting the harvesting of a good crop of hay but pastures are only fair. The late planted cigar tobacco is suffering from drought. Flue-cured tobacco is good.

Fall wheat in most sections of Ontario is almost ready for harvest and good yields are now assured. Spring grains are somewhat spotty owing to the wide variation in seeding dates. Early potatoes are being harvested and yields are heavy in south-western Ontario. Haying is now nearly over; the yields have been above average. Pastures are developing well and the milk flow is being well maintained. Tobacco is showing good promise in most areas. Corn and tomatoes are backward and warmer weather is needed. The corn maggot has also necessitated considerable replanting. Generally, all late crops have been making only fair progress and this applies particularly to corn, soybeans and white beans. Some aphids have been reported but damage is not extensive. On the whole, with the exception of the late-sown crops, yields in Ontario now promise to be much better than was anticipated earlier.

Manitoba

Manitoba received an average of four-tenths of an inch of rain during the past week with an average temperature five degrees below the normal for the period. This cool weather and additional rain has kept crops coming along very favourably, with farmers asking only for warmer weather to hasten maturity. Early seeded cereals are

well advanced in the shot-blade stage and the occasional barley field is beginning to head out. Crops are further advanced south of the Canadian Pacific main line. North of this line only the odd field is in the shot-blade stage.

Late seeded crops are showing an even stand and sugar beets have now been thinned, giving promise of an average yield. Sunflowers and rape are also making good progress, although the latter requires warmer weather. Corn, too, is backward owing to the continued cool weather, but hay and pastures are good with haying operations now getting under way. Most gardens are in from fair to good condition.

Conditions now appear to be uniformly favourable throughout the province, although weed growth is heavy at many points, particularly in the southern end of the Red River Valley. The alfalfa and clover crops are heavy in this latter area, where pastures are also good. At Melita in the south-west crops are doing well, barley is headed out and about 80 per cent of the summerfallowing has been completed. Warm, sunny weather would bring these crops along very rapidly. At Portage grains are doing well with ample moisture supplies, and weeds constituting the only real problem. The hay crop is heavy and cutting will get under way in another week. Although the grains are still about two weeks behind normal, they are making rapid progress. Late crops in the Brandon area are showing a yellow tinge indicating a shortage of available nitrogen.

In the Dauphin area only a few early wheat fields are in the shot-blade stage and some light flood damage has occurred. Although hail has fallen here the damage has not been serious and the moisture supply is excellent although weed growth is heavy. At Swan River wheat is from 16 to 18 inches high and is beginning to head, while barley and oats are from 12 to 13 inches high and rye is well headed. All grains are reported to be in above-average condition at this point while the alfalfa and clover crops are also very promising. With good moisture reserves, pastures are growing well, although gardens are ten days late. Heavy rains and cool weather have occurred at Teulon and although crops here, too, are late they look quite promising. Early grain is now in the shot-blade stage and warm weather is needed to permit the harvesting of a heavy crop.

A strip in the Hargrave-Virden area was hailed badly on July 8 and hail is also reported to have caused damage in a line running from Hillview in Township 11, Range 23 in a south-easterly direction to Glenboro in Township 7, Range 14.

Saskatchewan

Widespread showers fell over Saskatchewan during the past week with those points reporting showing an average of one-third of an inch of rain which brings the total precipitation since April 1 to 5.7 inches as compared with the normal of 5.9 inches. The weather was generally cool and cloudy with the average temperature about 59 degrees.

Although rainfall for the season to date has been nearly normal, its distribution has been very uneven. South and west of a line between Regina and Lloydminster moisture conditions are only fair despite the recent rains. Germination has been uneven in this area and much of the wheat is heading out on very short straw. North and east of this line crop conditions are much better with higher than average yields in prospect.

Only short crops can now be expected for many areas of south-central, south-western and west-central districts. In these latter areas the recent rains have been too late to assist the growing wheat and recovery from the early drought has not been possible. Taking the province as a whole, 50 per cent of the wheat has now reached the shot-blade stage, although in the north-east the percentage is very small. Only slight damage from wireworms and cutworms has occurred. Hail damage has been reported at Etonia, Kindersley, Salvador, Denzil and Senlac. Although moisture conditions have greatly improved, more rain is required in many areas if present conditions are to be maintained. About 70 per cent of the summerfallow has been completed; live stock are in fair to good condition; pastures are improving and water supplies in the dugouts have been replenished.

At Swift Current cereal crops are short and uneven with early sown wheat, oats and barley beginning to head out. Soil moisture reserves are rapidly diminishing and many crops are very weedy. Rain is needed here. Our correspondent at Rosetown reports wheat heading on short straw and that an average crop of more than 10 bushels is

not now possible. Flax, however, is in better condition and although the soils is dry there is enough moisture to maintain growth.

There are still prospects of an average crop on the heavy soils area north of the South Saskatchewan River but north of Township 34 crops will be below average. At Prince light showers have maintained grains in fair to good condition. Wheat is in the shot-blade stage and is beginning to head out at about 10 inches in height. In the Melfort area all crops are showing a heavy stand and early wheat is not yet in the shot-blade. Conditions are generally backward here as a result of the cool weather and excessive moisture. Warm sunny weather is needed.

Alberta

Alberta points received an average of four-tenths of an inch of rain during the past week while temperatures were generally higher, averaging 60 degrees. Crops are generally fair although there is a tremendous difference between central Alberta and the south-western section of the province. Crop Districts 2, 3 and 4 report better-than-average prospects, but in other areas crops will be below normal. Scattered hail damage has occurred and weeds are prevalent in many areas. Pastures are generally fair, hay crops are poor and live stock are in fair to good condition. About 85 per cent of the first summerfallowing operation has been completed.

In Crop District 1 in the south-eastern section of the province severe hail damage was reported during the week. Drought conditions are becoming more severe in this area and crops are burning badly. Wheat has been headed for ten days; the hay crop is very poor. The first crop of alfalfa is now being harvested and although grass on the ranges has stopped growing, live stock are doing very well.

Although Cardston did not receive any rain during the past week, the warm weather has promoted rapid growth in this area, where moisture conditions have been exceptionally favourable. Winter wheat is headed, pastures and grass land look very good and the hay will be heavy. Early sown spring wheat is headed in the Lethbridge area and an excellent hay crop is being harvested on irrigated land. Sugar beets are very promising and the increased acreage of mustard promises a good crop.

Wheat in the Vulcan area is about 14 inches high and heading out. Flax is about 5 inches high and coarse grains are doing well. Conditions continue favourable in the Olds district, where early seeded grain is in the shot-blade stage. Hail damage in this district is estimated at about 12 per cent. The Lacombe area has received only three inches of rain since the first of June and all crops are now badly in need of moisture. The cool cloudy weather has, however, maintained a fair growth, although weeds are now constituting a serious menace, particularly to flax and peas. Barley is heading and a heavy rain is now needed to develop the heads; pastures are fair but the hay crop will be very light. Conditions around Edmonton remain only fair despite scattered rains. Prospective yields are now no better than half of average. Our Vermilion correspondent reports that the wheat crop cannot possibly be better than 12 bushels to the acre and that early seeded wheat is now heading out at from 6 to 8 inches high. Oats should still make half of an average yield if rain is received. Barley crops are poor and spotty owing to uneven germination, while pastures are going down rapidly.

At Athabasca all crops have shown deterioration during the past week. Wheat here is heading out on short straw, heads are small and unless rain is received soon they will contain very little grain. Prospects in the Peace River area are much brighter with wheat now beginning to head out; moisture supplies are reported adequate for the present.

Severe hail storms occurred on July 2 and 3. Damage is reported from the following areas: from Olds and Didsbury to Acme and Swallow; from Cremona through Crossfield to Irricana and Rockyford; from Strathmore to Hussar, Makepeace and Crowfoot. Damage is also reported from Midnapore through Blackie and in the Vulcan-Lomond area and from Travers to the Rolling Hills; from Cayley through Nanton and Parkland, at Barons and Picture Butte, around Chin and Skiff and from Foremost to Etzikom and also from Taber to Bow Island. Hail was also received at Mundare, Wainwright and Coronation.

British Columbia

Fine, warm weather has been experienced throughout British Columbia, but the Upper Fraser Valley has been dry with milk production dropping. Fall grains are in the blossom stage and spring seeded grains in the southern parts of the province are in the shot-blade or beginning to head out. In northern parts cereal crops are very late but coming on rapidly with thick stands. Haying is general and good crops are being put up under favourable conditions. Strawberries are practically over, while raspberries, loganberries and cherries are now being harvested, although Bing cherries are finished in some parts. Apricots are moving in volume. Pea canning is now under way, while early apples are reaching the packing houses.

Precipitation and Temperatures in the Prairie Provinces 1/

Crop District	Station	Precipitation			Mean Temperatures	
		Week ending	Total	Normal	Week ending	8 a.m. July 9
		8 a.m. July 9, 1945	since April 1	since April 1	Mean	Normal
Manitoba						
1	Pierson	.84	5.24	6.07	59	66
	Waskada	.36	4.08 2/	7.23	60	66
2	Boissevain	.38	6.40	6.47	59	66
	Ninette	trace	6.00 2/	7.08	60	66
	Pilot Mound	.12	5.86	7.52	61	66
3	Portage la Prairie	.51	6.44	6.67	62	65
	Graysville	.82	5.69	7.33	62	66
	Morden	.04	5.10	7.07	63	66
	Morris	.66	4.95	6.68	61	66
	Emerson	.18	5.02	6.22	63	66
4	Winnipeg	.35	5.61	7.43	61	67
6	Sprague	1.68	7.86	7.36	60	65
	Pinawa	.36	3.82	5.30	60	64
7	Virden	.30	5.35	5.94	62	63
	Souris	.20	9.80	6.70	62	67
	Rivers	.36	9.01	6.71	60	65
8	Brandon	.82	7.46	6.73	60	65
	Cypress River	.64	6.69	6.57	60	66
9	Minnedosa	.31	7.09	6.63	59	64
10	Russell	.24	7.23	6.35	57	63
	Birtle	.34	4.41 2/	6.47	57	63
11	Paulson	.19	8.25 2/	5.53	61	63
12	Gimli	.45	5.30	7.26	60	65
13	Swan River	.10	5.65	6.53	59	62
	The Pas	.31	6.45	4.90	58	64
Manitoba Average		.42	6.29	6.59	60	65
Saskatchewan						
1A	Estevan	.32	5.60	6.56	62	65
	Carlyle	.06	7.34	6.86	57	63
1B	Broadview	.26	8.74	5.88	59	63
	Moosomin	.28	8.10	5.87	59	64
2A	Yellow Grass	.16	4.20	6.38	60	65
	Midale	.22	5.98 2/	6.89	59	65
2B	Moose Jaw	.06	5.11	6.44	61	66
	Regina	.42	8.26	6.36	59	64
	Francis	.26	7.12	5.46	57	64
	Qu'Appelle	.20	5.90	7.51	58	63
	Indian Head	.14	5.74	7.34	60	63
3AN	Chaplin	nil	3.45	6.76	58	65
	Gravelbourg	.16	2.59	5.83	61	65
3AS	Assiniboia	.14	3.54	5.56	61	65
	Ceylon	.18	3.12	7.91	63	65
3BN	Pennant	.30	4.62	6.97	61	64
	Swift Current	.12	3.95	6.40	61	64
	Hughton	.16	3.74	5.88	58	63
3BS	Instow	.30	6.13	5.66	62	65
	Shaunavon	.40	4.32	5.42	61	63
	Cadillac	.34	5.34 2/	7.85	60	64
	Val Marie	N.R.	4.77 2/	6.04	N.R.	65
	Aneroid	.38	4.82	6.63	59	63
4A	Maple Creek	.22	2.61 2/	6.18	62	64
	Consul	.40	2.90	5.35	61	62
4B	Roadene	.34	5.28	5.89	61	63
5A	Leross	N.R.	6.09 2/	6.48	N.R.	62
	Hubbard	.38	6.61 2/	5.94	55	62
	Yorkton	.34	7.16	6.07	59	62
	Dafoe	.32	7.25	5.70	59	61
5B	Foam Lake	.56	9.35	6.08	58	61
	Lintlaw	.52	6.84	6.08	54	61
	Kamsack	.42	9.25	5.34	58	63
6A	Davidson	.38	6.58	5.25	58	64
	Dilke	N.R.	1.60 2/	5.72	N.R.	N.R.
	Nokomis	.50	5.84 2/	4.73	58	62
	Jemans	.52	7.24	4.14	59	63
	Strasbourg	.26	9.36	6.02	57	63
6B	Harris	.24	4.12	5.73	54	63
	Outlook	.32	4.68	4.07	N.R.	63
	Saskatoon	.26	5.00	5.37	59	63
	Elbow	.16	4.34	5.36	60	64
	Dundurn	.14	4.20	5.47	60	64
	Tugaske	.10	3.67	5.33	58	64

Precipitation and Temperatures in the Prairie Provinces (concluded)

Crop District	Station	Precipitation			Mean Temperatures	
		Week ending	Total	Normal	Week ending	
		8 a.m. July 9, 1945	since April 1	since April 1	8 a.m. July 9	
				Mean	Normal	
Saskatchewan (concluded)						
7A	Kindersley	.32	3.86	4.86	60	62
7B	Macklin	.64	3.42	6.01	60	60
	Scott	.46	3.77	5.25	58	62
	Ruthilda	.28	1.83 <u>2/</u>	5.87	N.R.	N.R.
	Biggar	.42	4.65	5.88	59	63
8A	Nipawin	.10	7.24	6.38	63	62
8B	Humboldt	.18	6.95	5.02	58	62
	Melfort	.44	9.95	5.49	57	62
9A	North Battleford	.45	4.15	5.76	59	65
	Rabbit Lake	.46	3.76 <u>2/</u>	5.72	N.R.	62
	Prince Albert	.35	7.33	5.79	58	63
9B	Waseca	.34	1.72 <u>2/</u>	5.73	56	61
	Loon Lake	1.10	6.15	6.67	58	60
Saskatchewan Average		.31	5.68	5.90	59	63
Alberta						
1	Foremost	.88	4.96	7.41	64	65
	Medicine Hat	.16	4.07	5.39	65	67
	Manyberries	.20	2.70	5.54	65	66
2	Cowley	.27	10.19	7.13	59	59
	Macleod	.18	10.99	6.06	64	64
	Cardston	.28	13.06	9.40	59	64
	Lethbridge	.23	8.76	6.34	62	63
3	Vauxhall	.30	4.51	4.96	64	63
	Brooks	.56	6.41	5.08	65	63
	Empress	.14	1.77	5.78	63	66
4	High River	.34	10.23	7.69	58	61
	Vulcan	1.06	6.67 <u>2/</u>	6.53	N.R.	62
5	Drumheller	.06	3.38	6.52	65	65
	Hanna	.32	3.25 <u>2/</u>	7.02	63	61
6	Olds	.42	3.36	6.65	59	60
	Calgary	.40	7.74	7.05	60	61
	Three Hills	.14	5.64	6.06	60	60
	Strathmore	.80	8.44	6.40	58	60
	Gleichen	.48	7.78	5.68	61	62
7	Viking	.08	4.49	5.49	60	60
	Sedgewick	N.R.	4.56 <u>2/</u>	5.75	N.R.	60
	Hardisty	.06	4.02	5.76	N.R.	N.R.
	Coronation	.56	5.68	5.19	61	60
	Hughenden	.32	3.65 <u>2/</u>	5.63	60	60
8	Red Deer	.61	6.01	8.19	59	59
	Lacombe	.26	5.86 <u>2/</u>	7.03	60	59
	Metaskiwin	.32	4.71	6.47	60	61
	Camrose	.30	2.22 <u>2/</u>	6.24	60	61
	Stettler	.68	3.30	7.15	59	59
9	Jasper	nil	2.62	3.34	59	59
	Rocky Mountain House	.87	6.54	7.37	58	59
	Springdale	.42	2.75 <u>2/</u>	8.00	56	59
10	Vegreville	.02	3.46	7.10	59	60
	Lloydminster	.27	3.67 <u>2/</u>	5.21	60	60
11	Calmar	.26	2.32 <u>2/</u>	7.11	58	61
	Edmonton	.39	3.51	6.57	61	61
12	Edson	N.R.	3.35 <u>2/</u>	6.19	N.R.	58
13	Clendon	.40	4.02	5.75	56	60
14	Campsie	.38	3.82	6.56	58	60
	Athabaska	.52	3.44 <u>2/</u>	5.80	58	60
	Lac La Biche	.93	4.12	5.80	59	60
15	High Prairie	.66	4.73	5.76	56	60
	Kinuso	N.R.	2.17 <u>2/</u>	5.72	N.R.	60
16	Beaverledge	.16	4.37	4.82	57	59
	Grande Prairie	.19	4.16 <u>2/</u>	5.75	58	59
	Fairview	.46	4.23	4.36	57	60
17	Keg River	1.06	4.76	5.38	57	60
	Fort Vermilion	.08	2.01 <u>2/</u>	4.13	60	61
	Fort McMurray	.24	3.29	4.87	54	62
	Fort Smith	.64	3.42	3.42	56	60
	Fort St. John	.38	2.82	5.77	58	61
Alberta Average-		.39	5.35	6.08	60	61

N.R. No Report.

1/ Source; Meteorological Service of Canada.

2/ Incomplete figures not included in average.