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no. 10

1942

Aug. 18

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1942

by Authority of the Hon. James A. MacKinnon, M.P.,

Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS - CANADA
AGRICULTURAL BRANCH

\$2.00 per year.

Dominion Statistician:

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TELEGRAPHIC CROP REPORT

Ottawa, August 18, 1942, 3 p.m.- The thirteenth of a series of 15 weekly telegraphic reports covering crop conditions in the Prairie Provinces is issued today by the Dominion Bureau of Statistics. Fifty-eight correspondents, most of them agriculturists of the Dominion and Provincial Departments of Agriculture, but including selected private observers and grain men, supply the information on which these reports are based. The Meteorological Service of Canada, Toronto, supplies official weather data.

SUMMARY

Crop prospects on the whole continue to be very promising in western Canada. Warmer weather favoured the ripening of grain crops the past week but in Manitoba where most grains were ready for cutting, heavy rains interrupted field work and caused further lodging of heavy crops, adding to the difficulty and expense of harvesting. Rains were heavy also in many parts of Saskatchewan and Alberta but harvesting operations there were less advanced and apart from additional lodging the wet weather had no serious consequences. Early fields of coarse grain crops are being cut in all three provinces and the wheat harvest will be in full swing in Manitoba as soon as weather conditions permit, but in Saskatchewan the wheat crop will not be ready until the end of August or early September while Alberta reports indicate that the general harvesting date will be in the first week of September. An exception to this Alberta condition is the Peace River district where cutting has been under way for some days under dry weather conditions. Early threshing returns on barley show excellent yields and reports from all provinces indicate that grains are filling well. Moisture supplies are ample.

Manitoba

Wet weather has delayed the harvest in Manitoba the past week. Grain was ready for cutting in most districts but light to heavy showers were experienced over the greater part of the province and in some districts the heavy crops have become badly tangled which will add to the difficulties of harvesting. In a few of the earlier districts about one-third to one-half of the grain is cut or swathed but the percentage of wheat harvested is small and very little has been threshed. The outlook for yields continues promising except that flax in the Morden district appears to have suffered severely from rust. A spell of warm, sunny weather is now needed for the safe gathering of what appears to be a heavy crop.

Saskatchewan

Very heavy rains in south-eastern and east-central districts of Saskatchewan caused additional lodging of heavy crops but with very little cutting under way the wet weather did not seriously interfere with harvesting. Some wheat is being cut in districts along the International boundary but taking the province as a whole, the wheat harvest will not be general until the last week of August and in some cases very little will be cut before early September. Prospects continue good to excellent and threshing returns on barley show good yields. Grasshopper damage is expected in late crops and sawfly damage is beginning to show in some areas. Some early fields of oats and barley are cut and stooked and in the district around Prince in the north-west, the cutting of wheat and barley is in full swing.

Alberta

Although the harvesting of barley has begun in all districts of Alberta and some wheat cutting is under way in the south, the harvest over the province will not be general until the first week of September. The Peace River district appears to be making rapid progress under dry weather conditions but elsewhere there were light to heavy showers the past week. Crops are filling well and the prospects for a heavy yield remain good taking the province as a whole. Some barley has threshed 50 to 60 bushels to the acre. Some lodging has resulted from heavy rains and this may delay ripening. Sawfly damage is reported from some districts in the south. Flax prospects are generally good but much of the crop will not be ready until well into September.

Precipitation and Temperatures in the Prairie Provinces

Crop District	Station	Precipitation			Mean Temperatures	
		week ending	Total	Normal	week ending	8 a.m. Aug. 17
		8 a.m. August 17	since April 1	since April 1	Mean	Normal
Manitoba						
1	Pierson	1.36	9.12	9.19	N.R.	62
	Waskada	.76	9.26	9.85	64	63
2	Boissevain	.64	8.02	9.16	61	64
	Ninette	.50	12.16	9.68	62	64
	Pilot Mound	.52	10.75	10.42	62	63
3	Emerson	.48	9.29	9.15	64	64
	Morden	.28	11.59	9.72	65	64
	Graysville	.10	8.59	9.86	66	62
	Morris	.26	10.19	9.60	63	63
	Portage la Prairie	.14	8.43	9.49	65	63
4	Winnipeg	1.08	12.31	10.90	65	64
6	Sprague	.24	11.13	10.20	61	63
	Pinawa	.62	5.25	8.14	64	60
7	Virden	1.66	13.57	8.30	62	61
	Rivers	1.08	13.59	9.65	63	62
8	Brandon	.76	8.93	9.80	62	62
	Cypress River	.98	9.91	9.67	64	62
9	Minnedosa	2.65	12.63	9.54	61	61
10	Russell	1.52	13.56	9.11	61	60
	Birtle	2.66	14.48	9.73	62	60
11	Dauphin	.34	9.29	8.45	62	61
13	Swan River	.19	10.66	9.74	63	58
	The Pas	.01	13.60	7.73	63	61
Manitoba Average		.82	10.71	9.44	63	62
Saskatchewan						
1A	Carlyle	2.48	13.57	9.68	61	60
	Estevan	1.94	10.76	8.99	64	62
1B	Broadview	2.83	11.10	8.80	62	60
	Moosomin	2.48	13.96	8.50	62	61
2A	Yellow Grass	1.04	9.96	8.49	N.R.	63
	Midale	2.20	12.57	9.34	64	63
2B	Moose Jaw	.24	12.81	8.80	65	63
	Regina	.30	11.79	8.91	63	61
	Qu'Appelle	1.00	12.53	10.49	63	62
	Indian Head	1.20	11.11	10.04	62	60
	Francis	1.34	11.23	7.43	62	62
3AN	Chaplin	.18	10.78	9.26	65	61
	Gravelbourg	.38	11.08	7.44	65	62
3AS	Assiniboia	.50	12.46	7.20	64	62
	Ceylon	.74	10.35	10.10	66	63
3BN	Swift Current	.51	12.96	9.07	64	63
	Hughton	.06	9.16	7.97	63	61
	Pennant	.22	10.48	8.65	64	63
3BS	Aneroid	.90	13.58	8.84	66	61
	Cadillac	N.R.	10.20	9.66	N.R.	61
	Val Marie	.30	8.45	8.10	64	62
	Shaunavon	1.02	10.60	7.47	64	61
	Instow	1.18	11.21	7.79	66	63
4A	Maple Creek	1.68	11.29	8.32	66	63
	Consul	.79	11.21	6.95	63	61
4B	Roadene	.32	8.28	7.98	66	61
5A	Yorkton	4.76	17.04	9.17	63	60
	Hubbard	1.00	10.80	8.93	61	60
	Leross	.24	9.48	8.91	62	60
5B	Kamsack	.82	13.52	8.47	63	58
	Foam Lake	.06	9.19	8.82	64	59
	Lintlaw	.52	12.19	8.82	62	57
	Wynyard	N.R.	8.59	7.71	N.R.	58
6A	Davidson	.08	11.18	7.26	N.R.	60
	Nokomis	N.R.	9.51	6.38	N.R.	59
	Semans	.34	11.04	5.77	64	59
	Strasbourg	.74	14.76	8.14	62	60
	Dilke	N.R.	10.27	7.55	N.R.	-
6B	Saskatoon	.12	13.50	8.39	64	60
	Dundurn	.46	12.03	8.59	64	61
	Tugaske	.18	15.07	7.23	64	61
	Elbow	.22	13.40	7.23	65	61
	Outlook	.50	14.62	6.48	65	61
	Harris	.26	12.85	7.85	62	60

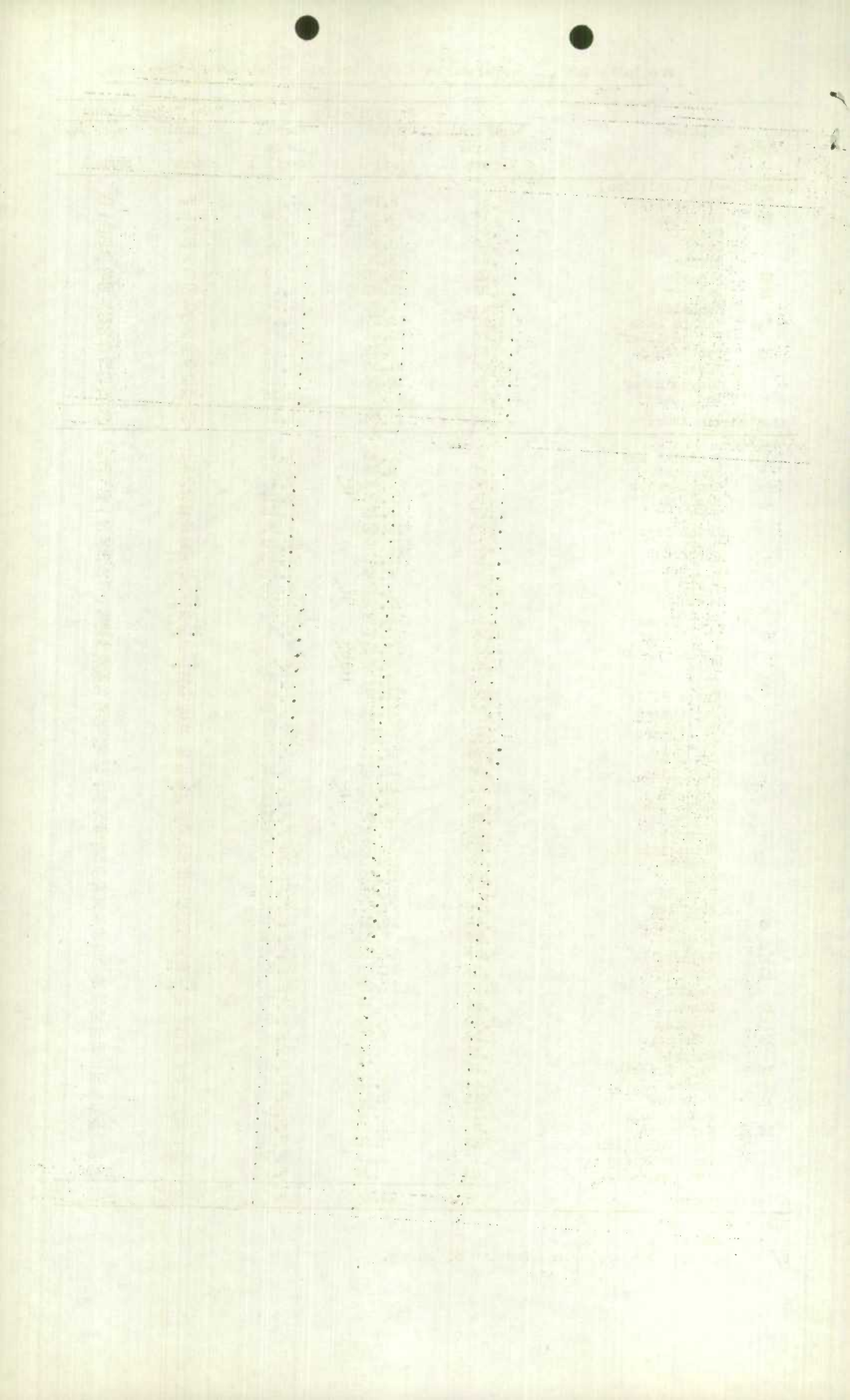
Precipitation and Temperatures in the Prairie Provinces 2/ Concluded.

Crop District	Station	Precipitation		Mean Temperatures		
		Week ending	Total	Normal	week ending 8 a.m. Aug.17	
		8 a.m. August 17	since April 1	since April 1	Mean	Normal
Saskatchewan (Concluded)						
7A	Kindersley	.36	8.17	7.58	65	60
7B	Ruthilda	.16	8.80 1/	8.68	N.R.	-
	Macklin	.36	8.93	8.65	64	58
	Scott	.42	10.99	8.02	63	59
	Biggar	.28	9.24	8.75	64	60
8A	Nipawin	.02	13.08	8.35	64	60
8B	Melfort	.05	11.07	8.80	63	60
	Humboldt	Trace	9.78	7.34	64	59
9A	Rabbit Lake	1.10	13.67	8.76	60	59
	Prince Albert	1.26	10.65	8.56	64	60
9B	Battleford	.53	9.72	8.34	65	62
	Waseca	1.08	11.53	8.19	64	57
	Lloydminster	2.74	10.70	7.85	64	57
	Loon Lake	.22	10.23	9.78	63	57
Saskatchewan Average		.83	11.74	8.34	64	60
Alberta						
1	Medicine Hat	.64	10.49	7.40	67	65
	Foremost	.26	8.36	9.91	65	61
	Manyberries	.08	11.34 1/	7.46	64	65
2	Macleod	.16	18.04	8.28	64	62
	Cowley	.27	15.94	9.16	62	-
	Lethbridge	.20	14.49	8.24	65	63
	Cardston	.42	17.32	12.00	62	60
3	Brooks	.52	11.17	7.16	66	61
	Empress	.42	6.63	7.64	67	61
	Vauxhall	N.R.	7.88 1/	7.15	N.R.	62
4	Vulcan	.70	12.02	8.43	N.R.	-
	High River	.54	22.09	10.18	63	58
5	Drumheller	1.00	6.47	9.03	N.R.	59
	Hanna	1.02	13.67 1/	9.79	62	57
	Naco	N.R.	8.95 1/	8.50	N.R.	57
6	Olds	.48	9.41	9.87	62	55
	Three Hills	1.02	11.10	8.53	62	58
	Strathmore	1.20	13.18	8.89	64	57
	Gleichen	.20	10.75	8.31	62	59
	Calgary	.74	12.53	10.15	63	60
7	Coronation	.70	14.45	7.31	64	57
	Hughenden	.86	12.73	8.25	66	57
	Hardisty	N.R.	12.46 1/	8.87	N.R.	-
	Sedgewick	1.66	14.89	8.81	64	59
	Viking	2.56	14.34	8.17	62	57
8	Camrose	.62	12.36 1/	9.04	62	58
	Wetaskiwin	.50	12.84	9.60	63	58
	Lacombe	.84	14.64	10.10	64	57
	Alix	.92	12.10	9.30	62	58
	Penhold	1.27	12.05	11.81	62	56
	Stettler	.76	14.22	10.23	63	58
9	Springdale	.46	14.01	12.05	58	55
	Jasper	.29	4.53	5.02	61	53
10	Vegreville	2.28	14.16	10.81	64	57
11	Edmonton	.97	14.40	10.37	62	59
	Calmar	N.R.	14.43 1/	10.87	N.R.	57
12	Edson	.54	12.44	10.17	62	55
13	Glendon	1.70	11.19	8.56	60	56
14	Athabaska	1.18	7.91 1/	9.40	61	56
	Campsie	.04	9.94	10.39	62	57
15	High Prairie	.52	9.10	8.67	64	58
	Kinuso	Trace	8.12	8.37	62	58
16	Fairview	Nil	6.37	6.42	64	58
	Beaverlodge	.11	7.55	7.20	64	58
17	Keg River	.24	5.89	8.57	63	58
	Fort Vermilion	Nil	3.32 1/	6.63	62	57
	Fort McMurray	.73	5.28	8.18	63	58
	Fort Smith	.03	.93	5.45	64	55
Alberta Average		.67	11.44	8.85	63	58

N.R. No Report

1/ Incomplete

2/ Source: Meteorological Service of Canada.



REPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Grasshopper survey is continuing but not yet completed. East of Red River Valley has scattered damage and light infestation. Roadside grasshopper is more abundant than in 1941 while the two-striped has decreased to some extent.

Saskatoon, Saskatchewan

Heavy sawfly infestation extending from one to several rods at margin of fields were observed in Regina, Hearne, Ogema, Assiniboia, Vantage, Mossbank, Gravelbourg, Lafleche and Glentworth area. Such infestations undoubtedly exist wherever sawfly abundant last year. Only a few fields ripe enough for cutting of stems by sawfly. Marginal damage by grasshoppers reported from widely distributed points in prairie area.

HAIL DAMAGE

Manitoba (North West Adjustment and Inspection Company, Limited, Regina)

Light to medium hail Deloraine, Swan River, Birtle, Kelloe, Oakburn, Shoal Lake, Strathclair, Newdale, Basswood, Minnedosa, Clanwilliam, Bethany, Beulah, Isabella, Decker, Hamiota, Cardale, Moline, Oak River, Brandon, Forrest, Keyes, Langruth, Arborg, Somerset, Notre Dame Delourdes and St. Lupicin.

REPORTS OF CORRESPONDENTS

MANITOBA

Winnipeg, Provincial Department of Agriculture

Showers light to heavy most districts checked harvesting which is becoming general. A few earlier districts one-third to one-half cut or swathed. Very little threshed. Stands with few exceptions are heavy and sample plump. Hail damage confined south-west and limited area central portion. Rust, mostly leaf is prevalent but damage late grains and flax unlikely very severe. Much barley lodged. Only a trace of sawfly. Flax varies with early fields best and very little ready this month. Corn shows little improvement. Pastures excellent and abundance of hay. Gardens good.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Cutting general but much crop badly tangled. Heavy dew delaying cutting in early morning. Corn crop improving. Pastures good. Flax badly rusted and some fields not worth harvesting.

SOUTH-WEST

Melita, Telegraphic Correspondent

Harvest operations held up since August 12 by wet weather. General crop conditions good. Considerable barley and oats cut also small percentage of wheat. Pastures good and all live stock doing well.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Early sown barley and oats now being cut. Wheat harvesting just starting. Grain crops ripening rapidly with sufficient soil moisture to promote good filling. Prospects for considerably higher than average yields. Pasture still green.

Woodnorth, Telegraphic Correspondent

Harvesting of all grains general this week. Some delay during past week due to heavy rainfall. Some stem rust showing but damage probably not great as most grain close to maturity. No threshing yet but expect yield will be satisfactory.

MANITOBA (Concluded)

NORTH-WEST

Winnipeg, Telegraphic Correspondent

Bad weather last week. Hail damage five to fifty per cent on several farms Tuesday night. Wind and rain lodged a lot of grain Wednesday night. Need more sun and wind. Few have started to cut barley. Cutting will be general in a week if weather is warm.

Dauphin, Agricultural Representative

Harvesting operations suffered serious set back with two inches rain in two days which caused heavy lodging particularly in heavy barley and oat crops. Cutting will be very difficult and hard on machinery. Cutting of wheat, oats and barley just begun and some threshing of beardless barley before the rain.

Swan River, Telegraphic Correspondent

Very little change since last report. Rain has delayed haying and harvesting. Heavy crops still lodged badly. With good weather harvest would be in full swing.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Wheat and coarse grain crops on the whole continue to show good to excellent prospects. Slight additional hail damage has occurred and grasshoppers are now more in evidence at scattered points in the western portion of the province where some damage to late crops is anticipated. Sawfly damage is beginning to show up in south-central, south-western and west-central Saskatchewan. Considerable lodging of heavy crops, particularly barley, has occurred. Extremely heavy rains fell in south-eastern and east-central Saskatchewan causing additional lodging and further delay in crop maturity. A heavy rain also occurred in the Lloydminster district and elsewhere in the province precipitation has ranged from light to moderately heavy showers accompanied by cooler weather. As previously reported, leaf rust is present on wheat and coarse grains. Flax rust is prevalent in most districts and some loss will undoubtedly occur. Moisture conditions generally are good. Wheat cutting has started at some places and is fairly general at some points along the international boundary but taking the province as a whole it will not be general before the last week in August and in some cases very little will be cut before September. Some barley has been threshed in the Baildon district with good yields reported. Live stock and pastures are in good condition.

SOUTH-EAST

Yellow Grass, Telegraphic Correspondent

Wheat cutting will start August 25. Some damage by rust in late wheat. Barley cutting has started and oats coming fast. Flax is late. Will be cut around September 5. Moisture to date 10.15 inches.

Indian Head, Dominion Experimental Farm

Heavy rains covering a fairly wide territory causes considerable lodging to grain crops. A few districts report early wheat in stock. Live stock and pastures in excellent condition. Rainfall for week 1.2 inches.

SOUTH-WEST

Swift Current, Dominion Experimental Station

A few early fields of coarse grain harvested and stocked. Twenty-five per cent of wheat turning color, balance quite green. Early flax filling well. Shallow rooted wheat crop showing effect of drought in places and yields will be reduced proportionately. Sawfly infestation heavy and some loss expected. Few grasshoppers. Haying still continues between showers. Staple vegetable crop very promising. Pastures and live stock excellent.

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SASKATCHEWAN (Concluded)

SOUTH-WEST (Concluded)

Swift Current, Supervisor of Illustration Stations

Carmichael district weather showery and warm past week. Harvesting of rye and barley started. Wheat a good stand and filling well. Ready to harvest with binder in a week or ten days. Rye crop fair, barley, oats and flax good. Some wheat stem sawfly damage. No grasshopper damage any account. Pastures good.

WEST-CENTRE

Scott, Dominion Experimental Station

Grain crops including flax ripening quite uniformly and naturally from this point south with cutting of barley in progress. North of township Forty heavy rains extending into Alberta occurred in middle of last week. Expect on sandy soils wheat cutting will not be general for ten days.

Senlac, Telegraphic Correspondent

Rain past week .60 of an inch. Cutting early wheat and oats started. General about August 24. Haying practically completed. Potato and garden crops good. Pastures fair to good.

NORTH-EAST

Melfort, Dominion Experimental Station

Rain during week .08 of an inch. Damp cool weather favoured leaf rust development though some early seeded wheat near maturity. Loss in wheat yield may be 20 per cent. Early coarse grains ripening and in some cases cutting has started.

Melfort, Supervisor of District Experimental Sub-station

Early barley fields being harvested at Birch Hills well filled but badly lodged. Wheat and oat crops ten days to harvesting. Oats lodged. Parkside barley and fall rye harvesting started other crops late. A little lodging. Inch of rain during week. Good second growth of forage.

NORTH-WEST

Prince, Telegraphic Correspondent

Cutting of wheat and barley in full swing this week. Heavy dew each morning is making progress slow. Oats and flax are ripening fast. Total rain for season was 11.20 inches. Gardens and pastures good.

ALBERTA

Edmonton, Provincial Department of Agriculture

Moisture ample. Hot weather to mature grain needed. Harvesting barley has begun all districts and cutting wheat started in south. Harvest will not be general until first week September. Considerable percentage crop lodged. Sawfly damage reported in some areas southern Alberta but prospects for heavy yield still good.

SOUTH-EAST

Manyberries, Dominion Range Experimental Station

Some hail damage has occurred past week. Barley harvest nearly completed with good yield in sight. Wheat harvest has commenced and will be general next week. Crops filling well. Range and live stock in excellent condition.

Section 1

Section 2

The first part of the document is a general statement of the purpose and scope of the study. It is intended to provide a comprehensive overview of the current state of research in this field.

Section 3

Section 4

The second part of the document is a detailed description of the methodology used in the study. This includes a discussion of the data sources, the sampling method, and the statistical techniques employed.

Section 5

The third part of the document is a discussion of the results of the study. This section presents the findings of the research and discusses their implications for the field.

Section 6

Section 7

The fourth part of the document is a conclusion and a list of references. The conclusion summarizes the main findings of the study and provides a final statement on the importance of the research.

Section 8

The fifth part of the document is a list of references. This section provides a comprehensive list of the sources used in the study, including books, articles, and other documents.

Section 9

Section 10

The sixth part of the document is a list of references. This section provides a comprehensive list of the sources used in the study, including books, articles, and other documents.

Section 11

Section 12

The seventh part of the document is a list of references. This section provides a comprehensive list of the sources used in the study, including books, articles, and other documents.

Section 13

Section 14

The eighth part of the document is a list of references. This section provides a comprehensive list of the sources used in the study, including books, articles, and other documents.

ALBERTA (Continued)

SOUTH-WEST

Lethbridge, Dominion Experimental Station and Illustration Stations

Continued warm weather is welcome to hasten ripening. Coarse grain, winter wheat and some spring wheat being combined or stock-threshed east of Lethbridge and yields equal expectations except on fields missed by July showers. Grain green near foothills. Some rust damage to flax.

Cardston, Telegraphic Correspondent

Weather has been favourable the past week with the odd scattered shower. Crops are progressing very well with the odd barley field ready for the binder. Oats are ripening up fast but wheat will be at least two weeks before ready and flax wont be ready for a month to six weeks.

Vulcan, Telegraphic Correspondent

Weather warm with ample moisture. Grain filling well and wheat turning color the last few days. Odd field of barley being threshed with yields between 50 and 60 bushels. Some early wheat being **swathed**. Harvest should be general about September 1. General conditions good.

Claresholm, Telegraphic Correspondent

All crops advancing rapidly. Very small damage from hail. Some rye and barley ripe. Will take two weeks for the earliest wheat.

EAST-CENTRE

Hanna, Telegraphic Correspondent

Weather very warm. All crops well filled. Cutting of rye and barley to start this week. Wheat also turning fast. No damage to date.

CENTRE

Stettler, Telegraphic Correspondent

Harvesting weather past week ideal. Crops maturing rapidly. No hail reported or other damage. Harvesting will be in full swing in about ten days.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Rain with high wind has caused lodging especially in coarse grains. With favourable weather cutting will be general about end of month. All grains filling well.

Lacombe, Dominion Experimental Station

Rain on three days totalling .84 delayed haying and ripening of grain. Long second growth has surrounded hay in coils and stooks so that drying is very slow. About 30 per cent hay still on ground. Grain filling well. Cutting rye, wheat, and barley just started. Heavy crop but late.

Edmonton, Telegraphic Correspondent

Heavy rain during past week causing some lodging of oats and barley. Crops quite heavy and on this account will take longer to ripen. Weather generally quite warm and ideal to mature all grains. Very odd field early barley cut.

NORTH

Athabasca, Telegraphic Correspondent

Rainfall past week 1.5 inches. Weather clear and warm and ripening grain fast. Cutting will be under way by August 28. Heavy crops of wheat and coarse grains lodged. No other damage.

ALBERTA (Concluded)

NORTH-WEST

Beaverlodge, Dominion Experimental Station

Harvest in full swing in many parts. Dry weather continues with strong drying wind today. Some combined oats testing dry.

LATE WIRE

HAIL DAMAGE

Alberta (The Alberta Hail Insurance Board, Calgary)

Hail reported in Didsbury, Enchant, Nanton, Medicine Hat and Brooks districts during the week.

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