022 Historical File Copy Published by Authority of the HON. W. D. EULER, M.P., 22-002 Minister of Trade and Commerce no. 10 1939 DOMINION BUREAU OF STATISTICS - CANADA DOMINION BURLAU June 13 AGRICULTURAL BRANCH c. 2 R. H. Coats, LL.D., F.R.S.C. istician: C. F. Wilson, Ph.D. Staussician; J. B. Rutherford, M.Sc. PROPERTY TELEGRAPHIC CROP REPORT LIBRARY Ottawa, June 13, 1939, 3 p.m. - The Dominion Bureau of Statistics issues today the third of a series of 15 weekly telegraphic reports covering crop conditions in the Prairie Provinces. Sixty-two correspondents distributed over the agricultural area supply the information on which the reports are based. Most of these correspondents are agriculturists of the Dominion and Provincial Departments of Agriculture but a number of selected private observers and grain men also cooperate in this service. The Meteorological Service of Canada, Toronto, supplies official weather data. SUMMARY The weather across the Prairie Provinces during the past week has continued cool and showery. Precipitation has been light since the general rains of

June 5, but low temperatures have helped to conserve moisture supplies. The weather has also aided in checking grasshopper development, and damage from this source was confined to local areas during the week. While the wheat crop has lost some of its advantage in earliness as a result of the recent weather, moderately warm weather in the immediate future would promote rapid, healthy development. The only areas immediately in need of moisture supplies are north-western Manitoba and south-eastern Saskatchewan. North-western Saskatchewan and southern Alberta have shown considerable improvement during the week, and crop prospects are now promising in these areas. Coarse grains are showing

green, and pastures and forage crops have made considerable improvement across the Prairies in response to the favourable weather conditions of the past two weeks. Frost damage to potatoes and garden crops was general in Manitoba on June 9. Damage to cereals

from frost was reported in north-western Manitoba and in adjacent districts of Saskatchewan.

Manitoba

Generally satisfactory crop progress in reported in Manitoba. Although precipitation was not heavy across the province last week, many areas benefited by further showers. Complaints of insufficient moisture are confined to the Dauphin, Russell and Birtle districts in the north-west. Temperatures were low during the week. On June 9 frost damage occurred to potatoes, corn and garden crops, while grain crops experienced some damage in the western and north-western districts. Grasshopper outbreaks are threatening across the province, particularly in the west and in local areas east of the Red River. The cool weather and showers of the past week have retarded grasshopper development, and an extensive poison campaign is in progress. Fall rye is heading, but promises a thin crop. Pastures generally are in good condition.

Saskatchewan

Heavy rains and showers across Saskatchewan during the past two weeks have considerably improved the crop situation in this province. The north-central and north-western districts which were in need of moisture up to as late as a week ago are now showing good progress. Except in the south-eastern part of the province, where the rainfall continued light, promising conditions are now reported throughout the province. Frost damage to cereals was reported in the south-east along the Manitoba boundary. Continued cool and cloudy weather has helped to keep the grasshopper menace in check, and only small damage to date from this source has been reported. Outbreaks have been heaviest between Weyburn and the Qu'Appelle River Valley. Farmers have resumed their poisoning campaign with the cessation of the wet weather. Further local damage has been caused by wireworms and cutworms. Pastures are improving rapidly, except in the southeast, and live stock are reported in good condition.

Alberta

Heavy scattered showers over southern Alberta during the past week helped to overcome the seasonal deficiency in rainfall in the south-eastern and south-western districts. Heavier rains occurred in the central part of the province where warm, dry weather would now be of advantage in promoting growth. In the northern districts rainfall was light during the week and a good soaking rain followed by warm weather is now to be desired. Generally throughout the province, crop conditions are very satisfactory for this time of year. Grasshoppers have made very little headway so far, with the cool, wet weather helping to keep in check. Cutworms and wireworms are still active in the Peace River district, with appreciable damage reported around Grande Prairie. Range conditions in the south-east are reported to be satisfactory, with prospects for a good hay crop.

Frecipitation and Temperatures in the Prairie Provinces

		ecipitation and	Precipitation	THE WIND THAT IND		Pemperature
Crop	Station	Week ending	Total since			ding June 12
Distric	et en	8 a.m.	April 1	April 1	Actual	Norma I
		June 12		F		11011100
Manitob						
1	Pierson	Trace	3.39	4.20	51	59
2	Waskada	.02	4.45	3.74	51	59
No.	Boissevain Minette	.05	5.04	4.28	50	59
	Pilot Mound	Nil	5.18* 4.17	4.65	53	59
3	Emerson	.12	5.91	3.71	54 58	60 61
	Morden	. 54	4.51	4.33	56	60
	Graysville Morris	.02	3.24*	4.40	58	59
	Portage la Pra	.52	5.07 3.91	4.05	58	60
4	Winnipeg	.22	4.03	4.07	57 57	60 63
6	Sprague	. 28	2.30	4.57	58	61 58
	Pinawa	. 56	2.08	3.14	60	5 9
7	Virden	Nil	2.34	3.46	51	5 9
10	Hamiota	. 22	2.14	3.23	51	58
8	Rivers Brandon	.12	3.61	3.90	50	59
	Oypress River	.06 .08	4.63	3.99	51	59
9	Minnedosa	Nil	3.90 3.40	4.09	54	60
1.0	Dropmore	N.R.	1.32*	4.00 · 3.56	50 N.R.	59
	Russell	.08	1.66	3.70	49	5 8
	Birtle	.20	1.27	3.73	50	57
11 18	Dauphin	.08	2.30	3.26	51	58
a. €	Swan River The Pas	. 56	2.29	3.54	49	57
		.71	2.78	2.80	49	58
	Average	.19	3.40	3.90	53	59
Saskatch						
A	Carlyle	.28	2.56	4.25	49	57
13:	Estevan Broadview	.08	2.13	4.03	52	88
1,40,407	Moosomin	.48	2.04	3.62	49	57
2A	Yellow Grass	.11	2.07	3.55	52	57
	Midale	.06	1.74	3. 85 4.34	52 54	58 58
2B	Moose Jaw	.84	2,94	3.83	50	59
	Regina	1,02	2.45	3.62	50	58
	Qu'Appelle Indian Head	.71	3,07	4.49	49	59
	Francis	, 50 . 46	2.31	4.18	54	58
3AN	Chaplin	1,24	1.88	2.83	50	8.8
3AS	Assiniboia	.57	5.19	4.22	50 51	5.9
	Ceylon	1,90	2.96*	4.82	N.R.	60 N 0
	Gravelbourg	1.00	3,93	3.13	50	N.R. 57
3BW	Rockglen	.94	4.05*	4.34	N.R.	N.R.
45M	Swift Current	1.37	5.45	3.80	48	50
	Hughton- Pennant	182	5.06	3.94	50	57
3BS	Aneroid	1.74	6.10	4.14	51	38
0.00	Cadillac	1.90	5.54 5.86	3.85	52	57
	Val Marie	1.78	5.94	5.04 3.65	50	57
	Shaunavon	1.34	6.89	3.19	49 53	58
4A	Maple Creek	1.60	6.48	3.70	52	58 58
470	Consul	. 88	2.10*	3.46	50	\$7
4B 5A	Roadene	1.08	7.21	3.95	50	87
DA	Yorkton	.74	2.82	3.64	50	57
5B	Hubbard Kamsack	.76	2.86	3.41	46	55
OD	Foam Lake	.46	3.16	2.83	46	56
	Lintlaw	. 58	2.49 3.17	3.50	47	55
6A	Davidson	1.72	4.36	3.78 3.26	46	55
	Nokomis	N.R.	2.73*	2.54	50 N D	58
	Semans	. 50	2.19	2.48	N.R. 50	55 56
	Strasbourg	.62	2.60	3.71	48	57
	Dilke	.82	3.74	3.53	N.R.	N.R.
	Rosthern	2.08	5.08	3.26	49	57
	Saskatoon Dundurn	1.81	3.03	3.03	49	57
	Tugaske	1.74	2.58	3,59	50	57
	Elbow	.36	3.60 2.55	3.18	48	58
	Outlook	2.10	3,70	3.19 2.60	49 50	58
	Harris	2.18	3,36	2.69	46	50 57
* Inc	omplete.					

N.R.= No Report.

Precipitation and Temperatures in the Preirie Provinces+ (Concluded) Mean Temperature Precipitation Crop Station Week ending Total since Normal since Week ending June 12 District 8 a.m. April 1 April 1 Actual Normal June 12 Saskatchewan (Concluded) Alsask N.R. 3.30* 4.05 55 N.R. 1.32 . Kinderslev 4,12 2.89 48 54 Macklin 2.5% 4:44 3.93 47 55 Scott Biggar 3.70 \ 3.22 1.84 3.11 48 87 1.94 48 SA Nipawin 1.40 3.21 3.42 N.R. Naicam 4.06 3.11 46 Melfort 1.76 3.81 3.33 48 Humboldt Dana N.H. N.R. N.R. N.R. N.R. 2.22 3.38 3.00 47 QA Rabbit Lake Prince Albert N.R. 2.34* N.R. 1.60 1.66 3.09 N.R. 58 Battleford 3.62 3,34 48 58 UB 2.96 3.25 49 Saskatchewan Average 1.19 3.60 3.55 49 57 Alberta Medicine Hat .65 2.76 3.26 53 Foremost .80 N.R. .52 .80 5.08 52 Manyberries 1.18*. 3.67 N.R. 60 Macleod 3.65 51 57 Cowley .81 3.21 4.45 N.R. N.E. Lethbridge 1.09 3.53 3.96 51 50 Cardston Brooks .78 3.80 6.30 50 54 Brooks .53
Empress .86
Vauxhall .72
Vulcan .92
High River l.62
Drumheller l.60
Hanna l.32
Naco l.48
Olds l.74
Three Hills l.40
Strathmore l.44
Uleichen l.14
Calgary l.84
Banff N.R.
Coronation l.54
Hughenden l.88
Hardisty l.52
Sedgewick l.48
Viking l.28
Camrose .48
Wetaskiwin .56
Lacombe .84 .53 1.55 3.29 50 58 57 2.99 3.46 54 2.88 3.17 52 50 3.24 3.69 N.R. 3.74* 4.99 47 55 3.78 3.81 51 54 5.16 4.16 49 5.1 5.18 4.08 49 54 E. 12 4.31 49 5.1 3,21 3.48 49 3.77 3.91 49 53 3.22 3.51 5.05 50 56 4.26 47 56 -30* N.R. 4.18 4.82 3.24 48 4.44* 47 3.44 54 3.58 2.80 N.R. 4.70 3.01 50 Viking Camrose 56 4.16 3.61 49 56 5.81 3.80 49 54 3.58 5.92 51 56 Lacombe Alix .84 4.55 3.99 52 55 4.35* N.R. 3.75 N.R. 56 Springdale 1.16 5.61 . 4.52 49 Red Deer 54 .69 3.40 48 4.92 55 Stettler Vegreville Vermilion 5.06 1.36 4.66 51 55 .98 3.82 4.19 50 55 1.40 4.84 3.62 49 2.83 55 Lloydminster 1.37 3.01 49 Edmonton 55 .04 "Calmar 6.31 3.65 52 57 .08 5.36 4.44 52 Edson Jasper Glendon 56 .66 3.46 3.36 52 54 .38 3.90 2.18 51 54 13 4.02 3,30 48 55 Athabaska Campsie .12 .38 Nil 14 5,09 3,54 49 55 2.85 3.69 52 55 15 High Prairie 1.97* 3.17 53 54 .24 Kinuso 2.63 3.42 53 53 Fairview .15 2.94 Beaverlodge 2.48 54 55 .40 3.00 2.99 54 54 17 Keg River 4.05* 2.83 52 55 Fort Vermilion .14 4.21 2.36 56 Fort McMurray 56 .09 2.90 2.78 52 57 Fort Smith .16 3.21 1.84 56 Alberta Average .87 3.90 3.66 51 55

⁺Source: Meteorological Service of Cameda. N.R. - No Report.

Incomplete.

EMPORTS OF DOMINION ENTOMOLOGICAL LABORATORIES

Brandon, Manitoba

Active poisoning compaign checking damage by grasshoppers. Severe drought in McAuley, Lazare, Birtle districts increasing severity of outbreak.

Saskatoon Saskatchewan

With return of warm dry weather grasshoppers active again causing damage throughout infested area. Extensive baiting campaign under way. Wireworm damage continuing and reports of slight damage by cutworms received from southeastern Saskatchewan.

HAIL DAMAGE

MARITORA (North West Adjustment & Inspection Company, Ita., Regina)

No hail yet reported in Manitoba.

ALBERTA (The Alberta Hail Insurance Board, Calgary)

Slight hail in Blackfalds and Calgary districts on June eighth and ninth. No permanent damage anticipated.

REPORTS FROM CORRESPONDENTS

MANITOPA

Winnipeg, Provincial Department of Agriculture

Though not covering all of Manitoba many rains fell in province last week. Vegetation growing satisfactorily. Western area had enough frost to kill potatoes almost to ground and cereals at several points in this area suffered some damage. Grasshoppers troublesome on western boundary far north as Shellmouth. Local outbreaks reported each of Red River. Pait available all points. Very little lose to crops yet.

SOUTH-CENTRE

Morden, Dominion Experimental Station

Cool weather and substantial rains have favoured all crops lately. Hay and cereals all thriving. Rain of point five eight inch June sixth. Pastures in good vigour.

Carman, Agricultural Representative

Cool weather with occasional showers, and crops doing well. More rain would be welcome. Hoppers quite numerous in patches. Unsatisfactory weather for poisoning. Some damage from cutworms to gardene. Stock doing well.

SOUTH-WEST

Melita, Telegraphic Correspondent

Weather cool since last report, beneficial to all crops. Spotty border damage by grasshoppers. Slight damage to gardens by frost. Fall rye in head, thin crop.

WEST-CENTRE

Brandon, Dominion Experimental Farm

Grain crop in good condition as a result of coel weather coupled with recent rains. Frost on June 9th damaged corn and tender garden stuff. Grains escaped with little or no harm. Pasture improved. Hay prospects only fair. No extensive insect damage.

Brandon, Supervisor of Illustration Stations

Brandon to Winnipeg grain crops promise well. Hay only fair. Manitoba Interlake recent rains heavy. All crops good. Brandon to Russel rain badly needed in Hamiota-Birtle area. Heavy frost June ninth injured grain Russell-Rossburn to Shoal Lake. Much garden stuff killed in this area.

REFORMS FROM CORRESPONDENTS

MANITORA (Concluded)

WEST-CEMURE

Woodnorth, Telegraphic Correspondent

Not much change in crop conditions has taken place during the past week. The weather has been cool with frost damage to gardens on June eighth. Rain is needed badly. Some damage by grasshoppers is reported out poison bait in being used freely. No other insect damage experient.

NORTH-CENTRE

Teulon, Agricultural Representative

Crop conditions satisfactory. Moisture stuply good. No rain during past week. Wheat six to eight inches. No frost damage. Slight grasshopper outbreak in Gimli area. Pastures good. Hay and clover crop promising.

MORTH-WEST

Minnedosa, Telegraphic Correspondent

Crop conditions normal. Have had rain but need a great deal more now. Weather cold and dull. Need warmth to bring crops and gardens along. No insect damage. Some frost damage to gardens. Pastures fair.

Kelwood, Telegraphic Correspondent

While there are some good crops, yet due to uneven germination, wind and frost there is a lot of decidedly miserable looking crop. Prospects are not for a bumper crop. Past week quite cool. Plenty of moisture.

Dauphin, Agricultural Representative

Crop making satisfactory progress. Not suffering from lack of rain but necessary to have moisture soon or crop will go back. Frost last week hurt tender garden stuff. No harm to crops. Sweet clover and alfalfa and grass crops doing well. No grasshopper damage.

Russell, Telegraphic Correspondent

With the exception light shower last Tuesday there was no precipitation last week and pastures appear to be drying up. From six to eight degrees frost on Wednesday night cut down all potatoes above ground, almost all the more tender garden plants and some of the fruit. Damage to the grain cannot be estimated. Much will depend upon subsequent precipitation. Some fields appear to have escaped while others, particularly Renown wheat, barley and oats, were blackened.

Swan River, Telegraphic Correspondent

Seeding completed. Growth well advanced. Wheat about seven inches average height. Pastures all good. Stock doing well. Plenty of moisture for present. Weeds about as usual. Hay grow needs more rain. Garden growth slow. No demage from diseases or insect pests.

SASKATCHEWAN

Regina, Provincial Department of Agriculture

Moisture conditions have been greatly improved in most parts of the province by good showers and heavy rains during the past two weeks. In the south-eastern portion of the province however, where moisture was most urgently needed rainfall was more scattered and variable with many points receiving only light showers. With the exception of this part of the province and a portion of the Regina-Weyburn district crops have shown generally satisfactory progress, with the situation in the north-central and north-western portion of the province showing considerable improvement. Growth on the whole has been good and crops present a healthy appearance. Wheat averages about six inches in height. Coarse grains are practically all seeded with the exception of the north-western district where possibly six or seven per cent remains. In southern, east-central and central districts, between 85 and 90 per cent are showing green, while in west-central and northern areas between 65 and 70 per cent of the coarse grains are above ground. The average height varies from two to four inches in different districts. In south-eastern Saskatchewan and the adjoining portion of the Regina-Weyburn district recent rainfall was generally more scattered and the amount received varied greatly. Reports

REPORTS FROM CORRESPONDENTS

SASKATCHEWAN (Continued)

Regina, Provincial Department of Agriculture (concluded)

indicate a wide variation in crop conditions in this part of the province. Good rains fell in the Weyburn area and some improvement is apparent. However at other places the moisture received was insufficient to satisfy requirements and crops are suffering. Cool wet weather has retarded grasshopper activity but temperatures during the past few days have risen and the intensive control campaign started before the rains is being continued. The greatest damage reported has occurred at points south of the Qu'Appelle Valley and in the Benson-Weyburn-Radville area where some stubble crops have been destroyed. Further reports of wireworm and cutworm injury have been received from widely separated points. Live stock are in good condition in most parts of the province and with the exception of points in south-aastern dastatchewen, pastures are improving rapidly.

SOUTH-EAST

Service. Telegraphic Correspondent

Heavy frost caused considerable damage to grain. Gardens badly damaged. Rain urgently needed in most of this district. Pastures turning brown. Shot blade showing in early wheat. Grasshopper damage light except in the extreme east where they are plentiful. Rainfall from April first two inches.

Yellow Grass, Telegraphic Correspondent

Wheat eight to ten inches high. Early seeding coming in to shot blade. Late seeding looking good. Coarse grains looking good. Pastures looking good. Live stock in good shape. Grasshoppers doing some damage. Moisture sufficient for ten days. Reinfell to date two point five four inches.

Indian Head, Dominion Experimental Farm

Rains and cool weather have greatly improved crops. Frost reported in some districts. Hay crops improved. Yield will be light. Pastures making good recovery. Fallows well under way. Farmers working hard to control grasshopper menace.

SOUTH-WEST

Swift Current, Dominion Experimental Station

Nearly two inches rain during past week with cool weather. Crops growing rapidly but warm weather required. Summer fallows very dirty and land still too wet to work. Grasshoppers still numerous but no damage reported as yet. Pastures good. Live etock satisfactory.

WEST-CENTRE

Rosetown, Telegraphic Correspondent

Moisture conditions good now. Crops are growing fast on lighter soils and it would appear soil drift damage is over. Weather too cloudy and cool for any grasshopper damage. Rainfall April 1 to date three point eight five inches.

Scott, Dominion Experimental Station

Moisture conditions satisfactory following general rains. Grain crops backward in growth. Spotty damage from cutworms in Battleford district. Hoppers being poisoned and well under control. Weed infestation heavy and growth more advanced than usual. Summer fallowing well under way. Hay will be short. Pasture and live stock fairly good condition.

Senlac, Telegraphic Correspondent

Heavy rains have fallen since last report making three inches from April first. Growth is normal with moisture down to eight inches. Weather continues cool and cloudy holding back hopper activity for present but large numbers reported in places with some damage to crops.

REFORTS FROM CORRESPONDENTS

SASKATCHEWAN (Concluded)

NORTH-RAST

Melfort, Dominion Experimental Station

One point eight six inches of rain on Monday, Tuesday, Wednesday. Crops making wonderful progress. Cresshoppers numerous in places; farmers are poisoning them.

WORTH-CENTRE

Rosthern, Dominion Experimental Station

Dull and raining first of week, bright and warm latter half. Two point more eight inches rain making growing conditions ideal. Crops throughout the district in Tair condition. Early seedings in shot blade and fall rye is in head. Grasshoppers very numerous and severe damage probable.

NORTH-WEST

Prince, Talagraphic Correspondent

Early wheat looking nice, twelve inches high. Late wheat seems short for this time. One point fifty inches rain fall last week, good for ten days. Weather cool. Cutworms not doing much damage. Grashoppers quite thick some places. No damage so far. Pastures and hay land good.

ALSERTA

SCUTH-EAST

Manyterries, Dominion Range Experiment Station

Heavy scattered thunder showers have benefited many eores during past week. Weather has been cool and unsettled. Live stock doing well. Wheat up six to eight inches and making good growth. Range condition satisfactory with prospects for good hay group.

SOUTH-WEST

Lethbridge, Dominica Experimental Station and Illustration Stations

Scattered showers general over southern Alberta during past week and arop conditions favourable.

Cardston, Telegraphic Correspondent

About one-half inch rainfall since last report with some districts gerting more or less from the different showers. Every indication of at least good average crop. About 60 per cent spring wheat in shot blade.

Vulcan, Telegraphic Correspondent

Point two nine inch rainfall since last report. Weather ecol and showery past week and crops stooling well. Wheat averages eight inches high. Cool weather has kept the grasshoppers in check and crops looking fair to good at present. More rain needed soon as subsoil moisture is still deficient.

Claresholm, Telegraphic Correspondent

Cool weather with good rains. Growth rather slow. Conditions good.

CENTRE

Stettler, Telegraphic Correspondent

One point four eight inches rain since last report. Need warm surny weather. Wheat stooling well but growth slow on account of cool wet weather. No damage to date. Pastures fair. General conditions good.

REPORTS FROM CORRESPONDENTS

ALBERTA (Concluded)

CENTRE

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Sedgewick, Telegraphic Correspondent

Crop conditions continue very favourable with sufficient moisture for the balance of June. Grasshoppers may do some damage later on. Some poisoning being done.

WEST-CENTRE

Calgary, Telegraphic Correspondent

Cool weather with heavy rains during week. Planty of moisture, Conditions excellent. Grasshoppers checked for time being.

Olds, Telegraphic Correspondent

Three inches of rain fell during the week and all grains are doing well. Early seeded wheat up, from five to seven inches high. No damage to report,

Lacombe, Dominion Experiment Station

Point four inch rain on four days brought June total to one point eight inches. This with warm days forced good growth cereals, but pastures and hay crops need early heavy rains. Very little subsoil moisture. Total precipitation since April first one inch below thirty-one year average of five point five inches with much more in good crop years.

Edmonton, Telegraphic Correspondent

Weather during past week cloudy cool, not much rain. Light frosts reported during first part of last week. Damage slight, if any. Growth fairly good aspecially hay and pastures. Require clear warm weather to promote more rapid growth for all grains.

NORTH-EAST

Vermilion, Telegraphic Correspondent

All crops are doing well with very little report of damage. Weather is still showery and rain how everaged an inch and a half in ten days.

NORTH

Athabasca, Telegraphic Correspondent

Some heavy showers scattered over district this week. Good general rain needed followed by warm weather. Wheat averages about eight inches high. Low spots recovering from frost damage. Prospects still good for average crop.

NORTH-WEST

Beaverloage, Dominion Experimental Sub-etation

During a week with little or no precipitation grain crops are continuing to grow nicely except where ravished by insects. Damage by cutworms and wireworms has reduced stands twenty or twenty-five per cent. Cutworms still ravishing many fields Grande Prairie and some other districts with more widespread damage to gardens and late grains. Disease predators and parasites reducing cutworm population some districts and there is considerable interest in poisoning with sodium fluosilicate bait locally demonstrated by K.M. King. Local rains yesterday at two or more points. General sprinkle today.

Fort Vermilion, Dominion Experimental Sub-station

With higher temperatures growing conditions have been quite normal. Cereal, forage and garden crops well advanced. Some slight infestations of wire and cutworms. Precipitation point one three inch for past week. Mean temperature fifty-six degrees.

LATE REPORT

MANITOBA - WEST CENTRE

Hamiota, Telegraphic Correspondent

Crops looking fair. Heavy frost night of June 8, some damage done to wheat. Renown wheat worst hit. Garden produce frozen in spots. Warm weather needed and more rain. Moisture conditions are better but more needed to carry on growth. Fall rye well headed out. Too early to estimate damage to rye by frost. General conditions fair with warmer weather needed.

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