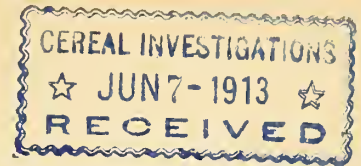


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OFFICE OF DRY LAND AGRICULTURE,  
BUREAU OF PLANT INDUSTRY.

June 7, 1913.

REPORT FOR WEEK ENDING MAY 31, 1913.

AKRON:

Cane, grain sorghum and millets were planted during the week. Winter wheat is suffering from drought but spring grains are growing nicely. Corn came up well and is growing nicely. Maximum temperature for week, 91, minimum, 48, precipitation, .02.

AMARILLO:

Maximum temperature for the past eight days has ranged from 90 to 96 and practically all vegetation is firing badly. Winter wheat on summer tilled land is an exception, also wheat on ordinary methods plats and all barley except that on summer tilled land. Precipitation for month, 1.73 in.

ARDMORE:

The weather for the past week has been especially favorable for plant growth. All corn plats planted May 17 and 18 are up and the stand is almost perfect. Maximum temperature for week, 95, minimum, 45, precipitation, .39 in.

DALHART:

The recent hot and dry weather has caused the ground to crust deeper than can be broken with a harrow and a great many of the farmers have stopped field work and will not do any more seeding until it rains. Maximum temperature for week, 93, minimum, 56, precipitation for month of May 2.35 in.

DICKINSON:

Crop growth during the week has been rapid. Corn both in rotations and in variety plats came up on the 31st of May. Winter rye is headed out and all other small grains stooling nicely. Maximum temperature for week, 92, precipitation, .09 in.

A modification of the square-yard counting frame used in taking stand notes on small grain plats has been made at Dickinson, so that four frame counts make 1/1000th of an acre or the number of thousand plants per acre. That is to say, if the count from four frames is 625 plants, there will be 625,000 plants per acre. The frame as modified measures 3' by 3' 7.6", and is placed lengthwise with the drill rows when making the count. This method of stand taking is not original, as I believe Mr. Ferrel wrote up a similar method while in the Office of Western Extension. I think he used a frame whose measurements were 3.3' x 3.3'. As this wouldn't do with our 6" drill rows we left the area of the frame the same but changed the lengths of the sides. Heretofore stand notes at Dickinson have been taken by simply taking two square-yard frame counts and using the average of the two counts as a basis of comparison. However since learning of this other method we believed it much better as it does away with any computation in getting the normal number of plants per acre after the counts are made.



EDGELEY:

The past week has been quite warm with a few extremely hot days for this time of year and one light shower. Corn seeded on the 12th is coming up. All crops are growing well at present time. Maximum temperature for week 93, minimum 44, precipitation .27 in.

GARDEN CITY:

The hot dry weather of the week has burnt much of the small grain badly. Unless rains come within a few days the poorly prepared plats will be entirely killed. Grain on fallowed plats has shown very little sign of suffering. A Dry Land meeting will be held in Garden City on June 4 and 5th.

HAYS:

During the week the weather has been hot and dry. Precipitation for the month 5.72 in. Winter wheat is firing badly and appears to be damaged more or less on all land except on the fallowed land.

HETTINGER:

Exceptionally favorable growing weather during the week and everything is looking fine. Saturday afternoon a hail storm occurred which did considerable damage. Alfalfa was badly broken down. Precipitation for week .76 in. Maximum temperature 93, minimum 46.

HUNTLEY:

The past week has been quite warm and the spring grain has made rapid growth. Corn seeded on the 24th is coming up. Winter wheat is shooting and is in need of moisture. Maximum temperature for week, 89, minimum, 41, no precipitation.

MANDAN:

Since writing you last we have completed the road extending from the county road across the ravine and winding up the ravine, as shown on plat forwarded you. By slightly increasing the length of the turns we succeeded in getting the road with an average grade of seven per cent. Excellent use has been made of the road during the past week, as we have unloaded four cars of brick and one of lime.

The present status of the building operations is as follows:

Implement Shed and Barn: Sheathing boards all on rough with the exception of dormers. The laying of asbestos shingles will begin the first of next week.

Bank House: The floor joists and the rough boards of the first floor have been laid and brickwork extended to the window sills.

Mess House: and Office Building: No change since last report.

Superintendent's Residence: The concrete forms have been removed from the foundation.

Cottages: The foundation of the first cottage has been completed and forms removed. On the second cottage the excavation has been completed and the foundation forms set in place. The concrete will be run in today.



Assistant Superintendent's Residence: The excavation of basement was completed yesterday afternoon and work started on the excavation of the Seed House Basement.

It is our intention to continue the excavating and concrete work as rapidly as possible in order to complete such of the work requiring unskilled labor as possible before the harvest season. The wages paid for harvest hands are such that we cannot expect to retain many unskilled laborers at \$2.00 per day after the first of August.

NORTH PLATTE:

The past week has been unusually warm and spring grains with the exception of corn were beginning to show the need of moisture badly. Winter wheat is beginning to head. Maximum temperature for week 97, minimum 53, precipitation .91 in.

SCOTTSBLUFF:

Crops are in good condition. Winter wheat is shooting and spring wheat tillering well. Rye plats are well headed at a height of 24 in. so were plowed under on the 31st. Maximum temperature for week 90, minimum 39.

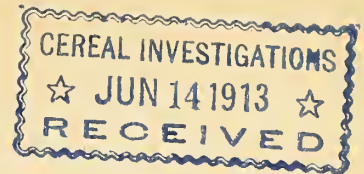
TUCUMCARI:

On account of rains during the first part of the week considerable seeding could be done during the latter part of the week. Maximum temperature for week 92, minimum 53, precipitation .85 in.

FIELD MEETING: Don't forget the big field meeting to be held this year. Every field man connected with this office is expected to contribute something to the good of the service. Get your material into shape at once and write Mr. Cole at Denver concerning the matter. We want this to be the biggest field meeting we have ever had.







BUREAU OF PLANT INDUSTRY,  
OFFICE OF DRY LAND AGRICULTURE.

June 14, 1913.

REPORT FOR THE WEEK ENDING JUNE 7, 1913.

AMARILLO:

Beginning with a shower of .16 in. on Tuesday the weather turned cooler and two showers of .30 in. each on Wednesday night and Saturday morning have done much to revive the small grains which have suffered greatly from the dry, hot weather. It is believed that all small grains except the winter wheat and those on plats previously in fallow will not produce a grain yield.

The winter wheats owing to their thin stand give the best prospects for a yield for they have suffered least from the drought. Corn, milo, and kafir have made a good growth and it is believed that the recent showers will germinate the seeds in the listed plats which failed to produce a stand. Spring wheat on summer tilled land is headed out but is not very even. The headed plants measure about 22 inches in height. Maximum temperature for week 92, minimum 56, precipitation .76 in.

ARDMORE:

For the most part the week has been warm and favorable for plant growth. Millet and sorghum which were seeded from May 25 to 28 are just coming through. Some of the farmers are still planting corn, but in most cases the soil is too dry to expect good stands. Mr. Sarvis, the Assistant at the station, is at Brookings, for the Commencement exercises and upon his return will probably bring his wife, as he has put up a small cottage on the station.

BELLEFOURCHE:

Temperate weather prevailed during the week and the crops have continued to make a good growth. Winter rye was about three and one-half feet high on the 6th when it was plowed under. Maximum temperature for week 84, minimum 36, precipitation .92 in.

DALHART:

All small grains have suffered from drought during the past week, several of the plats having been almost completely dried up. The fallow plats are green but otherwise no difference can be seen in the plats where other methods of treatment are used. The grain on fallow is shooting but it is doubtful if it will head without a heavy rain. Gophers are doing considerable damage to corn and peanuts. Maximum temperature for week 91, minimum 55, precipitation .31 in.

DICKINSON:

An Alfalfa Day will be held on the 21st. The day will be spent in teaching the visitors some of the fundamental principles of alfalfa culture.

EDGELEY:

The past week has been quite cool with the exception of two or three days. There was a light frost on Saturday morning, although not enough to do much damage.



One light shower during the week, precipitation .34 in. Maximum temperature 84, minimum 30.5. Small grains are looking well but the growth seems to be quite materially retarded by the continued cool weather, and many of the plats are becoming quite weedy. All of the corn is up but the stand is not very good, germination having been affected no doubt by the cold conditions, as other corn from the same seed and seeded at the same rate several days later came up about the same time and with a fairly good stand.

#### GARDEN CITY:

Cooler weather and rains came this week bringing the much needed relief from the extremely hot weather of the preceding week. Rains came in four one-half inch showers so very little water was lost by runoff. The meeting of the Dry Farmers was not a decided success. A good program was provided but the attendance was very small partially on account of the rains that fell during the meeting.

#### HAYS:

With the exception of the first three days the weather during the week has been cloudy, cool and damp. Rain fell on the 4th and 5th. This together with the cool weather is very fine on the small grain crops and discouraging to the big crop of young chinch bugs. Small grain crops have all been damaged more or less by the drought and hot weather, but since the rain are improving and looking much better. During the week a trip was made cross country to Garden City to attend the Western Kansas Dry Farming Association. In general the wheat in the country crossed over looked poor and has been badly damaged by the drought.

#### HUNTLEY:

The winter wheat is beginning to head and has been benefitted by the light rains and cloudy weather during a portion of the past week. Prospects are fairly good at present for a winter wheat crop in the vicinity of the station. Rye for green manure was plowed under with a maximum growth per plat of 5 feet. A rather uniform stand of corn has been obtained especially on the spring plowed plats. Maximum temperature for week 86, minimum 44, precipitation .13 in.

#### HETTINGER:

Part of the week was too cold for good growing weather but for the most part conditions have been quite favorable. Good stands for all grains have been secured with the exception of the wheat. Cut worms are bothering the corn somewhat. Sweet clover and brome, seeded this spring, are growing well and promise to make a better stand than has been secured before at this station. Maximum temperature for week 82, minimum 41, precipitation .43 in. This occurred in the shape of two showers, but most of the moisture was lost through runoff.

#### MANDAN:

The brick work on the Bunk House is practically completed and the partition work was begun today. Shingling on the barn and machine shed is about two-thirds completed and the putting on of the drop-siding is well under way. The foundation of the Assistant Superintendent's residence is completed. The concrete



floor in the barn was started today. Excavation of the seed house basement is well under way. Two cars of brick and one of cement have arrived. The drives on the grounds or "campus" are being located and the sod broken previous to levelling and grading. Sod was also broken for the tennis court. There was one light shower this week amounting to about .10 inch. The weather of the latter half of the week has been quite cool with a light frost in the bottom lands.

The Frank Meyers introductions were planted this week. The planting of the windbreak was completed. Some more potatoes and sweet corn was planted. Two bushels of soft raple were planted from this years seed crop. The wind break, gardens and nursery were given the first cultivation and hoeing. With only one good rain this spring everything is doing remarkably well.

#### NORTH PLATTE:

Good rains during the past week have improved the crop prospects very much. Spring grains are growing rapidly and winter wheat on summer tilled land looks quite promising. Barley is just beginning to head and is very short. Permanent corners, 3/4 in. pipe set in 3 feet of concrete, were set at one corner of each plat on four sides of Fields 41 and 49. This system will eliminate much preliminary work previous to the plowing, seeding and trimming of all plats. Maximum temperature for week 85, minimum 46, precipitation 1.35 in.

#### SCOTTSBLUFF:

The weather has been very disagreeable for the week. There were a few showers but these did not amount to much. Every afternoon terrific sand storms have done considerable damage to the grains and sugar beets.

#### TUCUMCARI:

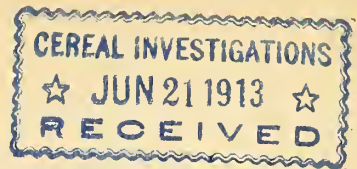
Most of the week has been cloudy and cool and favorable for growth of crops. Corn, cowpeas Max. beans and variety crops planted the previous week are up to a good stand. Cotton is still coming slowly and a number of the plats have been replanted. Mr. Mundell made a trip across country to Clavis, N.M. where he delivered an address on silos to a gathering of farmers and business men. It was noticed on the trip that winter wheat on the plains 40 miles south of Tucumcari would soon be ready to cut. The farmers estimate they will secure an average of ten bushels per acre this season.

#### WILLISTON:

Dry winds are rapidly depleting the soil moisture and the station is at present irrigating. Only a trace of rain fell during the week and crops will suffer soon. At present all crops are fine and it was surprising that they are as far along as those of the Red River Valley probably due to the fact that their heavy clay soils warmed up slower during the rather backward spring. Precipitation for week, Trace, maximum temperature 81, minimum 41.

FIELD MEETING: Don't forget the big field meeting to be held this year. Every field man connected with this office is expected to contribute something to the good of the service. Get your material into shape at once and write Mr. Cole at Denver concerning the matter.





BUREAU OF PLANT INDUSTRY,  
OFFICE OF DRY LAND AGRICULTURE.

June 21, 1913.

REPORT FOR THE WEEK ENDING JUNE 14:

AKRON:

Winter wheat on summer fallow is firing badly now and some of the plats of small grain are suffering. Oats are heading about 10 to 12 in. high. Most of the week was cloudy and cool with high winds from the south and southeast. Maximum temperature for week, 79, minimum, 37, precipitation .16 in.

AMARILLO:

Cool, cloudy weather accompanied by mists and light showers prevailed from the 7th to the 12th inclusive and ended in a rain of .77 in. This wet the ground to a depth of six to ten inches but it is doubtful if the small grains will mature without more rain. Wheat and oats on summer tilled land is pretty well headed out while barley is just beginning to head. Kafir, milo and corn, which failed to germinate on the listed plats, are now coming up. All cultivated crops are free of weeds and are making rapid growth. Rye which was plowed under, measured about two feet high and had just reached the soft dough stage. Peas averaged eight to ten inches and were ready to bloom but the dry hot weather had stopped their growth. Maximum temperature 83, minimum 51, precipitation for week .89 in.

ARDMORE:

All work on the station is progressing nicely and crops are looking good. Farmers' Picnic Day has been set for July 14th. Maximum temperature for week 82, minimum 50, precipitation .28 in.

BELLEFOURCHE:

The week was one of moderate temperatures. There was enough rain to keep crops in good growing condition, and they continued to grow well. Most of the grain is beginning to "shoot". Winter wheat headed out during the week. All grain plats were injured some but not very severely by a hail storm on June 15. Maximum temperature for week, 87, minimum 48, precipitation .57 in.

DALHART:

The week has been cold and damp. A precipitation of .40 in. fell Wednesday night which was beneficial to the cultivated crops but made little change in the appearance of the small grains. Some of the wheat on fallow plats is heading out but the other plats have dried up beyond recovery. All cultivated crops on rotation plats are making rapid growth and with the exception of a few plats damaged by gophers, have a good uniform stand. Maximum temperature for week 86, minimum 49, precipitation for month, to 14th, .71 in.

DICKINSON:

Just beginning to have some good growing weather. The first part of the past week was the driest several days had this season. Some of the crops began





to show the effects of the whipping in the wind. Oats was affected more than any other crop but was not permanently injured. The latter part of the week furnished us quite a goodly amount of rain and the crops are now responding very markedly to it. Alfalfa and crimson clover sown on the 5th came up on the 14th. The winter rye plats were plowed under on the 16th and double disked and harrowed on the same date. Maximum temperature for the week 87, minimum 52, total precipitation 1.03 inches.

EDGELEY:

Heavy drying winds prevailed from the south for five days and to a less extent during the remainder of the week. Wheat does not seem to be affected as much yet by the dry weather as either barley or oats, although it is wilting some. Maximum temperature for week 87, minimum 37, precipitation none.

GARDEN CITY:

The past week was cool and moist. A drizzling rain lasted for three days ending with a half inch of rain. Maximum temperature for week 83, minimum 37, precipitation .99 in., evaporation 0.997.

HAYS:

The first part of the week was cloudy, damp and very cool but the last two days were warmer and breezy at times. On the whole it was favorable to plant growth. Maximum temperature for week 94, minimum 45, precipitation .45 in.

HETTINGER:

Very high winds during the week, for four days averaging ten to twenty miles. Practically all grain in the country was damaged to some extent. During the last half of week precipitation of .87 in. and all crops making excellent growth. Maximum temperature 89, minimum 49.

HUNTLEY:

The week has been uniformly warm with considerable wind. Spring grains are beginning to shoot and most of the plats, except those on fallow, are beginning to burn. Fall plowed and fallowed plats at present have a decided advantage in growth. Maximum temperature 85, minimum 49, precipitation .13 in.

MANDAN:

The concrete floor in the barn has been completed. Shingling is likewise almost completed. The siding on the barn and machine shed is about three-fourths finished. The entire north side of the machine shed has been given the first coat of paint. On the bunk-house the brick work is finished and the rafters are all on with the roof started. On the mess-house bricklaying is about two-thirds up the first story. On the office the first floor joists were placed today. Some trenching for the waterworks system has been done and some more work on the roads. The forepart of the week the weather was cool; the last three days it has been very hot. Rainfall for the week amounted to about one-half inch, which fell on the night of the 13th. Breaking has been continued in the fields. Work on the several fields was confined to hoeing, weeding, thinning of vegetables, pruning and cultivation. Everything is growing nicely.



NORTH PLATTE:

Weather during the week was very cool and windy and conditions were unfavorable for growth of corn although wheat did well. Chinch bugs are doing some damage on the winter wheat plats. This is the first time they have ever appeared at the station. Maximum temperature for week 76, minimum 53, precipitation .73 in.

SCOTTSBLUFF:

Cool weather and good rain caused a rapid crop growth. Winter wheat is all headed and in flower. Of the spring grains, that on fallow makes the best showing. Wheat is beginning to shoot straw. Brome grass is in full bloom and will be cut next week. Maximum temperature 80, minimum 41, precipitation .85 in.

TUCUMCARI:

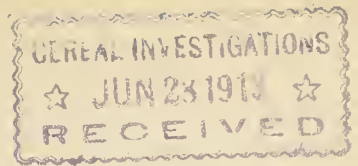
A hailstorm occurred on the 11th doing considerable damage to crops. Cotton, cowpeas, and beans seem to have suffered the most and it will be necessary to replant them. On account of the cool weather crops are making slow growth.

WILLISTON:

A heavy rain is needed badly. A humid atmosphere is all that is prolonging the life of the crops. Maximum temperature for week 90, minimum 51, precipitation .20 in.

**FIELD MEETING:** Don't forget the big field meeting to be held this year. Every field man connected with this office is expected to contribute something to the good of the service. Get your material into shape at once and write Mr. Cole at Denver concerning the matter.





BUREAU OF PLANT INDUSTRY, OFFICE OF  
DRY LAND AGRICULTURE.

June 28, 1913.

REPORT FOR WEEK ENDING JUNE 21, 1913.

AKRON:

Winter wheat will be almost a total failure even if rain occurs within a few days. Some plats of spring wheat and oats are firing badly. Total precipitation for May was only 1.40 inches, and the first week in June was 0.46 in., all of which fell in small showers. Maximum temperature for week 93, minimum 52.

AMARILLO:

The month has been marked by an unusual amount of cloudy weather, thus enabling the plants to use the light showers to the best advantage. Present indications are that larger yields will be obtained at the station than were predicted two weeks ago. Corn is making a rapid growth and numerous suckers are appearing. Maximum temperature for week 90, minimum 56, precipitation .56 in. - the greatest amount at one time being .45 in.

ARDMORE:

Crops have suffered materially during the past week for lack of moisture. Unless relief comes within the next week the small grain crop, with the exception of the plats summer tilled last year, will be almost a complete failure. Corn has not suffered for moisture as yet. Maximum temperature for week 93, minimum 54, precipitation .08 in. Total precipitation for June to date .7 in. - last year 1.66 in.

DAIHART:

Continued dry weather has made it necessary to do considerable replanting, and while cultivated crops are all making a good growth, the small grains are all dried up except on fallow land where they are making a small growth. Some of the oats are heading out and are about 12 in. high. Wheat that has headed is about 20 inches high.

GARDEN CITY:

Green manures this year were much lighter than common. The estimated weight of green matter on a plat was less than 100 pounds. The soil under the green manures was very dry and in poor condition and this will make it very hard to prepare seed bed for the winter wheat unless heavy rains fall before seeding. As usual on the sweet clover and alfalfa plats, no stand was secured and the green manure on these plats consisted mostly of Russian thistles.

STTINGER, N.D.

Mr. McKinstry reports making a trip to Fargo. On the way he found no grain as far along and as healthy looking as at the station. Brome grass is headed, alfalfa blossoming and about the middle of the week oats and wheat started to shoot while barley showed the first signs of shooting on Saturday. Maximum temperature for week 78, minimum 52, precipitation .70 in.



HUNTLEY:

All crops are growing rapidly since the rain of .96 in. on Wednesday. Brome and alfalfa were harvested giving light yields of hay. Mr. J. M. Stephens, of Judith Basin, visited the station on the 17th. Maximum temperature for week 87, minimum 49.

JUDITH BASIN:

All crops are making excellent growth. A heavy crop of alfalfa is insured even if no rain occurs from now to harvest time. Brome grass on rotation plats should be harvested within the next few days, and this will be done as soon as the weather permits. Precipitation for week, 1.86 in.

TUCUMQARI:

The week has been favorable for the growth of crops, being cool and cloudy the most of the time. Precipitation for week, .73 in. Maximum temperature 92, minimum 57. Corn in the rotation plats is looking well and making rapid growth.

WILLISTON:

The condition of the crops at present is not very promising. Flax is completely dried out. All plats show the effect of drought but the fallow plats are still looking very well. Spring plowed plats of the MC series seem to stand up better than the fall plowed plats. Rye is headed out and will be turned under this week.

EDGELEY:

Much needed rains fell here Monday, Tuesday, and Thursday of last week, and although the crops were injured to some extent by the dry winds of the week before, they have largely recovered since the rains, and are in fair condition at the present time. Mr. Cole visited the station last Wednesday. Maximum temperature for week 87, minimum 49, precipitation 1.96 in.

BELLEFOURCHE:

The hail storm on the night of the 15th did more damage than was at first supposed. Winter grains were broken down quite badly. Some of the early oats had commenced to shoot, and the hail stripped off the outside leaves and left the tender heads exposed. It is doubtful if these heads will form any grain. Corn was pounded down quite badly but has recovered. Most of the plats of small grains are beginning to show injury from drought. This is especially noticeable where grain follows grain. Grain on fallow is ahead of the other plats. Maximum temperature for week 85, minimum 50, precipitation .41 in.





HAYS:

The first part of the week was warm and dry and the crops began to again show the need of more rain. On the 19th a heavy dashing rain accompanied by considerable wind did both some good and damage to crops. The rain fell so fast much of it was lost by runoff, although the soil did take in enough to cheer up most the crops at least temporarily. The kafir, which was recently replanted and was just up nicely was the exception. This was very badly washed and covered up, especially on the new part of the project where 20 plats were listed. At best it now appears that we cannot expect more than a half stand. The drought in May damaged the winter wheat more than was at first thought. The crop of grain will be light even on the fallowed land though there is an abundance of straw. Quite likely that is partly the trouble - it stooled so much and is too thick. There is a large proportion of the wheat stalks that were not able to make heads, rather the heads were not able to get out the boot, and the heads are not well filled. This applies to wheat over the country, at least in this locality, as well as to the D.L.A. plats. It now appears as if some of our disk corn stubble plats will make among the best yields. Maximum temperature for week 93.5, minimum 59, precipitation 1.24 in.

DICKINSON:

Maximum temperature for the past week was 91 and minimum 54. Total precipitation 0.22 in. All crops are making very rapid growth at present. Wheat is already in the boot while oats and barley are "shooting." Corn on the rotation plats does not show as much growth as that sown later in the variety tests. No difference has been noted between the fall plowed and summer tilled M.C. corn plats yet. The A plat however is much in advance of the other two. The Alfalfa Day held on the 21st was a decided success even though the attendance was only about a hundred. Every visitor was actually or potentially an alfalfa grower and from the results of the efforts of most of those actually engaged in farming it would not be dreaming to prophesy that Western North Dakota will find a part of its solution to the present difficulties standing in the way of successful farming in the raising of alfalfa and corn. This at least was the burden of the speeches and conversation at this meeting. Messrs. Cole, Peterson and Pfaender of the Office of Dry Land Agriculture were visitors also at the Alfalfa Day meeting.

MANDAN:

Materials received this week as follows; 1 carload brick, 1 carload cement, 1 carload plaster. The barn and machine shed are complete except for some interior finishing work. Shingling on the bunk house is practically completed and it is now ready for lathing. The brick work on the mess house was carried one story high and the second floor joists were laid. Brick laying on the office was begun Friday. At the present rate of progress we expect to move out to the station and establish ourselves temporarily in the rooms of the bunk house by the 1st of August. Breaking is being continued with three breaking plows. A good number of tomato plants and cabbage were set out during the week. The several fields were again cultivated. Some time was also spent hoeing and weeding. The rainfall during the week amounted to about 1.3 inches in four night showers. Mr. Cole visited the station on the 19th and 20th.



MITCHELL: (SCOTTSBLUFF)

With the exception of two days, the weather has been pretty cool all week. There were three showers but they did very little good. Maximum temperature 92, minimum 52, precipitation 35 in. Corn is making an unusually rapid growth for this time of the year, showing up to good advantage. Spring wheat is well along in the head. Oats also is heading, but is rather short. It is not thought that there will be much of a harvest on the barley plats this year. It has hardly made any growth and is shooting now. The cane is up, a fairly good stand being secured.

NORTH PLATTE:

Corn has made very good growth during the last week. Spring wheat is headed but shows the effects of dry weather as well as other spring grains. Corn on MCD is very yellow and making practically no growth. Maximum temperature for week 94, minimum 52, precipitation.67 in.

GENERAL NOTES:

The field men will please take note that the Office of the Chief Clerk of the Department is getting out L.A.'s for each of our field men in charge of work at stations, to cover the securing, boxing and shipping expenses of exhibits for the International Dry Farming Congress, to be held at Tulsa, Okla. The men will therefore understand when they get these Letters of Authorization that it is the wish of the Agriculturist in Charge of this office that they assist Prof. Scribner, who has charge of this exhibition work, as much as possible in securing good exhibits for the Congress.

The field men have no doubt received the circulars asking that they send in as soon as possible, all unused transportation requests, issued on account of the fiscal year 1913. Please see that these are all sent in as soon as possible after the first of July.

It seems practically assured that the field meeting of the Great Plains Cooperative Experiment Association will be held at North Platte, Neb., about the 20th, 21st, and 22d of August. Any of the field men who have not as yet communicated with Mr. Cole in regard to their contributions to the general good of the meeting, should take the matter up at once with him.

