THE UNION PACIFIC LAND COMPANY.

B. A. McALLASTER, GENERAL MANAGER.

SUBJECT: Cheyenne Wells Experiment station report:

Omaha, Neb., March 29, 1900.

Prof. L.C. Carpenter,
Fort Collins, Colo.,
Dear Sir:

I have yours of the 26th inst., with copy of the records showing the various tests made at the Cheyenne Wells sub-station. I am very much obliged to you for this and have looked it over with a good deal of interest.

As far as ordinary farm crops are concerned, I am not surprised at the failure.

I am considerably disappointed at the apparent failure in respect to miscellaneous forage plants. I was in hopes that some good forage plants could be found which would grow readily in the Plains country and could be used for winter feeding. I hope that experiments along this line will still be continued.

I note that of the small fruits, Gooseberries seem to do fairly well. I understand from the report that all the settings except a portion of those put out last year are still living and are producing more or less of a crop each year.

The report upon various trees seems to show good results but fails to show how many of the total number of trees heretofore set out are still living and whether or not they are making reasonable growth. This information I think would be of interest. The same applies to Cherry trees.

I note with particular interest the statement contained in your letter showing the experiment of protecting the native sod.
Prof. L.G.C. No. 2—

A few days ago in talking with some Stockmen I made the statement that if stock could be kept off the ranges for a few years the grass would undoubtedly be very materially benefited. The Stockmen contradicted this assertion, saying that the presence of sheep in proper numbers, so that the range was neither over-eaten or tramped out, it was really a benefit to the native grasses and increased their growth. I think it would be a very good plan to institute some experiments of this kind. Setting apart say three or four fields, inspecting them closely at the start, keeping one entirely free from pasturing and pasturing the others more or less heavily and carry the experiment through a series of years to determine just what the comparative results may be in respect to improving the range.

Again thanking you for sending the report to me, I remain,

Yours truly,

A. E. A. McA.

General Manager.