

A QUESTION FOR IRRIGATION.

The writer of the article with the above heading in the DESERET NEWS of the 20th inst., we consider has done well in raising that question, as our irrigation commissioners should have the needed amount of irrigation water, according to locality well defined.

Let it be admitted that experience has proven the fact, that 12 inches of rainfall is sufficient to water the country during the growing season, in a latitude between 35 and 45, and that accordingly a continuous stream of a trifle over 2½ gallons of water per minute is the average amount needed per acre.

But it must also be admitted that so much rainfall in the east has so many cloudy days, and that so much more of the 2½ gallons of water per minute will evaporate in this climate, where cultivated spots only, compared with the uncultivated area, furnish moisture to the dry hot atmosphere, and dew to the vegetation. If our mountains and valleys, the whole extent of our country, received irrigation to the amount of 2½ gallons of water per minute to each acre, it would very likely be too much, but as it is we will have to take our data from home observations.

This is only the beginning of this matter in question.

We suggest that both hydraulics and the practical use of irrigation waters be thoroughly studied by those whose business it is to control it and economize with it. Also the kind of soil, and more or less advanced cultivation of it, has a good deal to do with the amount of irrigation water needed to a given extent of cultivated land.

And in this connection, we venture to predict, that wherever irrigation is needed, in order to both economize with irrigation water and raise good crops, drill culture, with horse hoeing between the rows of small grain, will be the order of the day, and that then the same amount of water will be spread over a greater amount of land, and far better crops be raised.

C. A. M.

Correspondence.

GREENVILLE,
Muhlenburg County, Ky.,
April 12, 1880.

Editors Deseret News:

Since last writing you we have made some changes in the conference that may be worthy to note. On the 8th of March, Elders Bills and Butterfield went over into West Virginia to open up new fields of labor. On the 20th Elders Helm and myself started with a small company of Saints from Lawrence County, whom we assisted as far as Cincinnati, securing their tickets for Colorado. And advices from Prest. Morgan state that they arrived in Manassa all well. Subsequently we took passage on the *Andy Baum*, a fine river steamer, bound for Memphis. We sailed down the river about 300 miles to Owensboro where we landed on the 25th of March. From there we went to Greenville and surrounding country where we have been ever since.

Having a letter of introduction to relatives of C. F. Middleton, of Ogden, whom we found all well and gave us a most cordial welcome, and treated us with the utmost kindness.

We have, under the guidance of the spirit of the Lord, gone forth quietly teaching and preaching the gospel whenever opportunity presented itself, but from the newspaper and other reports that we can hear, a person would be naturally led to suppose that we were going to set the world on fire. We preached to a large and attentive congregation yesterday, many of them expressing themselves that they would like to hear us again. I look forward to much good to be done here in the future, for truly all are talking of Utah.

Yours truly,
F. McDONALD.

WOODRUFF, April 23, 1880.

Editors Deseret News:

We have had a long, cold winter, and to wind up, on the 16th there fell about 16 inches of snow here, which was death on poor stock. The Bishop lost considerable in consequence of having his hay burned last summer, by the thoughtlessness of a man lighting a fire, and without thinking or caring what the con-

sequences would be, thus causing a loss of \$1,000, with no chance to get it back. This should be a warning to all persons not to light fires unless they can control them.

It is a time of general good health here. On the 15th there was a grand time here. Mr. Ezekiel Lee and Adelaid Dixon and Mr. Daniel Cornia and Samantha Dixon were joined in the bonds of matrimony. There was a general turnout. They were married by the Probate Judge of Rich County; there was a feast of fat things prepared which all seemed to enjoy, and all joined in wishing the young folks a long a prosperous life. There is an abundance of room here for good Latter-day Saints to make themselves homes. The valley is well watered, a healthy climate, good range for stock, a first class dairy country, and we want more settlers to help develop the country.

Praying for the welfare of Zion,
I remain your fellow laborer,
WM. H. LEE.

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MRS. JOHN DOUGHTY, Fishkill, N. Y., cured of 8 years Chronic Catarrh.

MRS. JACOB SWARTZ, JR., 200 Warren St., Jersey City, cured of 18 years Chronic Catarrh.

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