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SALEM, FRIDAY, APRIL 5, 1878.

Scab in Sheep.

Last week we published a request, from a subscriber east of the mountains, to give the proper treatment for the cure of scab in sheep, a disease that prevails in almost all the sheep ranges of the upper country, very much to the detriment of the wool growing interests, that are so important to that region.

Scab is the effect of an itch insect that must be destroyed and then the sheep will be sound. Dipping the sheep in carbolic baths has been found very efficacious, and Mr. D. W. Stearns, a large sheep owner of Douglas county, about two years ago published in the FARMER his treatment with carbolic dip which was entirely successful and under the same circumstances would no doubt be successful again.

Two things are requisite, besides the mere fact of using a preparation that will destroy the insect; one is that the operation of dipping must be repeated at the end of ten days, so as to destroy the insects hatched meantime, as at an interval of ten days all eggs laid under the skin will hatch, and to secure that all the insects are killed it is necessary that the scabby places shall be rubbed so as to break the scabs and enable the mixture to reach the places where these insects are hidden.

Another requisite, to secure a clean and healthy flock of sheep, is to remove the sheep temporarily to a range that has not been used by scabby sheep immediately after dipping, and it is a mooted question how long a range will remain infested after it has been used by scabby sheep. Such sheep rub on fences, logs, stones, and brush, and leave portions of scab and wool that will infect other sheep, or reinfect the same sheep after they have been dipped. If sheep cannot be changed to a new range after dipping it is very doubtful what steps can be taken to secure a clean, range and keep them healthy. Continual dipping or treatment may do it, but how long it must continue depends on the length of time a range would be infested, and that is a question that we should like to have answered by experienced shepherds, if they are able. Sheep must be put entirely under the dip and then allowed to stand on a platform so that the drip will return to the bath tub and not be wasted.

We take from the "Shepherd's Manual" the following recipe for treatment of scab: The treatment is by dipping in a liquid which penetrates and softens the scab so that it can be removed, and which poisons the insect. There are many preparations used for this purpose, some of which are objectionable on account of their poisonous properties, such as mercurial or arsenical compounds, and which are no more effective than the following perfectly safe one. This consists of tobacco and sulphur in the proportions of four ounces of the first, and one of the second, to the gallon of water. The water is brought to a boiling heat, and the tobacco, either coarse cheap leaf or stems, which are equally good, is steeped (but not boiled), in it until the strength is exhausted. The sulphur is then stirred in the liquid. When it has become reduced in temperature to 120 degrees, it is ready for use. The sheep are entirely immersed in the liquid so that the wool is completely saturated. Hard crusts of scab broken up and removed with care, and the raw surfaces are washed with the decoction. The dipped animals should be kept in a yard until the wool is longer drips, lest the pasture should be fouled, and the sheep sickened by the tobacco, juice. After ten days the dipping is repeated to destroy any newly hatched mites. With care the most badly infested locality may be completely freed from this pest, and it will never appear if the sheep are dipped twice each year as a preventive. The gain in the growth of wool and in its improved quality will more than repay the cost of the operation.

Government Notes not Taxable.

In answer to the question asked by a correspondent last week we give below, law and decision of U. S. Supreme Court relative to non-taxation of legal tender notes:

Section 3701 of the U. S. revised statutes is in the following words: "All stocks, bonds, treasury notes, and other obligations of the United States, shall be exempt from taxation by or under state or municipal or local authority."

The question was adjudicated by the supreme court of the United States at the December term, 1868, in the case of "The Bank vs. Supervisors" and reported in 7th Wallace page 29. The court says, "Legal tender notes are obligations or securities of the United States, and exempt from state taxation. They are not money in the same sense that gold or silver coin of the United States is money."

Above we have the U. S. Statute and the decision of the highest tribunal of the nation, which cover the whole ground and simply and plainly set forth that legal tender notes are not taxable, but it strikes us that some steps should be taken to change the law and make them, as purchasing power and representatives of value, pay their full proportion of taxation.

The United Presbyterians of Halsey are preparing to erect a new church edifice the coming season. The new building will cost about \$4,000.

Russian Diplomacy.

It is interesting, at this historical juncture, to recall to mind the course pursued by Russia for a year past, which has resulted in the humiliation of Turkey and the reduction of that empire to be scarce more than a dependency of the victorious northern power. Russia sought a pretext and forced the war upon the claim that she was, by former treaties, the protector of the Greek Christians of the Turkish Empire, and the occurrence of atrocities committed on the Christians in Bulgaria gave her the opportunity to interfere. When war was declared the Czar announced that he took up arms with no desire for conquest or self-aggrandizement, but only from motives of Christian humanity, and the objects of the war would be accomplished when the rights of the Christians in Turkey should be defended and fully secured.

The whole history of Russian diplomacy has been a tissue of falsehood and treachery towards other powers, that has always ended in territorial aggrandizement. Knowing this, it is remarkable that England and Austria—the powers most interested—should have tamely kept silent and permitted Russia to march her armies to Constantinople and fortify the shores of the Bosphorus, with her torpedo boats patrolling the straits between the shores of Europe and Asia, and Turkey, lately so fierce an enemy lying supinely at her feet and even willing to become the ally of her mortal foe.

England has waked to a sense of her injuries rather late, and it may be that her ally opponent will trick her out of any support from other European powers, but her prestige is at stake, the road to India is threatened, and if she permits Russian aggression now she is powerless in the future.

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120 ACRES OF LAND, in Yamhill Co., 3 miles west and 1 mile south of Wheatland—about 75 acres in cultivation and 45 acres in grain this year, the rest summer-fallowed. Very good orchard, barn, wood shed, and dwelling on the farm; living water plenty. Price, with the present crop, \$5,000—one half down, balance on reasonable time. For particulars, apply to me on the farm. [admpd] W. Y. MARTIN.

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NOTICE is hereby given that the undersigned, administrator of the estate of A. F. Waller, deceased, has this day filed his final account, and Monday, the 6th day of May, 1878, at 10 o'clock in the forenoon, has been appointed for hearing the same; and all persons interested in said estate are required to appear in said court, at the court-house in Salem, in said county, at said date, and show cause, if any exist, why said account should not be allowed and said administrator discharged.

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J. B. PILKINGTON, M. D., Late Professor of Diseases of the Eye and Ear in the Salem (Oregon) Medical College. Office, DeKam's Block, Portland, Or. All Surgical Operations for Diseases of the

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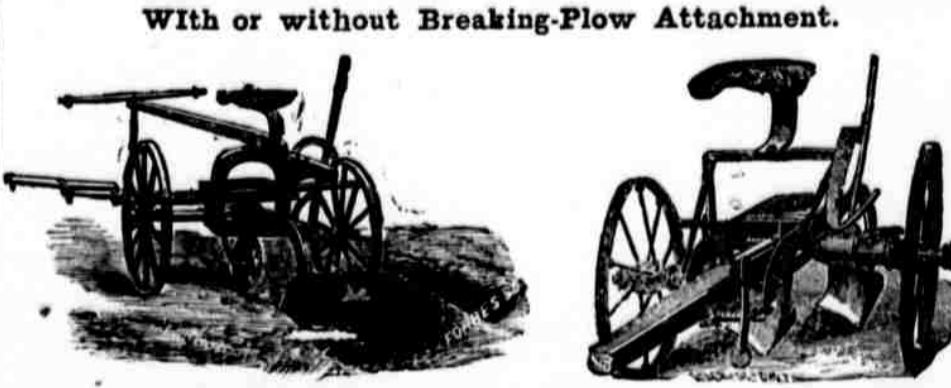
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