

## The Madras Pioneer

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THURSDAY - FEB. 23, 1911

### COMMERCIAL PUSH

The trade territory of a town is not all dependent upon the distance to neighboring trading points. The trade territory depends upon the enterprise of the merchants and the residents of a town. If a town does not reach after the trade it will come only as it is obliged to, and it will grow as it is forced to, but if the merchants go after business in the surrounding country advertising in every possible way and make good every word of their advertising, trade will come from an ever increasing radius, the town will gain a reputation for being awake and it will forge to the front. It is the men in town and not altogether the men living within a certain number of miles from it that makes the town.

### GOOD ROADS LAW NOT MANDATORY

Leaders of the good roads movement have not yet determined how the movement fared in the recent Legislature, but Dr. Andrew C. Smith, president of the Oregon Good Roads Association, took a view yesterday that was optimistic, on the whole. Both Dr. Smith and Lionel B. Webster, who was chief counsel for the movement, said they had not read the bills as finally amended and would need to know more about them before saying how much good had been done.

"I fear" said Dr. Smith, "that the Highway Commission bill has been treated in a way that reminds me of the eminent plant culturist of the agricultural department. For years he worked to improve the persimmon and make it a popular fruit for consumption. He finally announced the success of his work. When the secretary asked him what he had accomplished he declared that he had taken the pucker out of the persimmon. It looks to me as though the Legislature has got away with the pucker in the Highway Commission bill by making the work of the Highway Commission only advisory and not mandatory. If that is true, the bill will be effective only provided the county authorities are broad-gauged enough to take a good thing when it is offered to them.

"It is certain that in such sections as Central Oregon, which is practically new, advantage will be taken of the new laws pertaining to state aid, if the bill has not been ruined by amendments. In the Willamette Valley we ought to get a good deal of road building this year, and if all things are as we think they are, we shall have a splendid example of what road building can accomplish in two years."

### FOR SALE

One—32in. x 56in. Buffalo Pitt's Separator, complete with long Jackson Side Feeder, for headed grain. One—Ruth Bundle Feeder. One—Maple-bay Wind Stacker and Buffalo Pitts Weigher and Sacker. Reason for selling too small.  
Also a small Horse Power Oil that I will sell cheap to some one who has use for it.  
One—Well Drilling Outfit. One—Thorough bred Jersey Bull, two years old. One—Duroc Jersey Boar; also 1500 bushels White Oats and about 50 bushels Seed Potatoes.  
For particulars call on or address, J. C. Sothman, 4 Miles West of Madras.

### FEEDING VALUE OF OATS.

Analyses of Straw and Grain Made by Federal Agricultural Department.

The analyses of oat straw show that this roughage well deserves its reputation as the best of its class for feeding. In protein and fat it is higher in feeding value than wheat, barley or rye straw, while in carbohydrates there is little difference. Pound for pound in its natural condition it is also materially better than corn stover on account of the greater moisture content of the latter, but the dry matter in corn stover is rather richer in food constituents than that in oat straw.

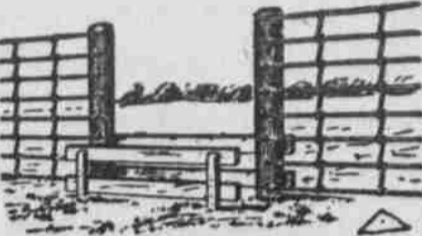
Oat hay is shown to be slightly inferior to barley hay in feeding value, but it ranks higher than timothy hay in protein and fat and in consequence is a slightly better feed. Hay made from the bearded varieties of barley is sometimes not readily eaten by stock on account of the beards. The waste thus occasioned makes oat hay fully as valuable ton for ton as hay made from bearded barley.

Oats cut green for feeding contain less water than either corn or rye. The superiority of oats over rye for soiling is particularly noticeable, as the oats are much higher in total food value. Green oats compare quite favorably pound for pound with green clover.

The feeding value of any article depends not only on its chemical composition, but on the digestibility of the matter it contains. It may contain a very high proportion of valuable food material, but part of this material may be in such form that animals are not able to digest it. While the bulk of oats contains little that is digestible, it serves to lighten the grain ration and to give bulk and in that way aids the complete digestion of the grain. Oats contain more digestible protein than barley or corn and nearly as much as wheat. This grain is also much higher in fat than barley or wheat and practically as high as corn. In carbohydrates, the cheapest portion of the food, oats are considerably lower than any of the other grains. Oat straw ranks much higher in digestible protein and fat than the straw from any of the other grains and nearly as high in carbohydrates. It contains less protein than corn stover, but more of the other food constituents. Oat hay is higher than timothy hay in all the digestible nutrients.

The best farmer is the man who bestows the most thought and care on his soil, keeping it up to the highest state of fertility. Also, if he is an animal farmer, he must do the same by his animals.

To Keep Hogs Where They Belong. This will illustrate a contrivance which I am using, says a correspondent of the National Stockman and Farmer. It becomes necessary sometimes to pasture adjoining fields with cattle and horses, leaving the hogs in either field. My plan is this: Nail boards from the ground up, say about sixteen inches, at or upon the main



BARRIER FOR HOGS. (From the National Stockman and Farmer.)

gate posts. Then plant two stub posts, say about fourteen inches from gate posts, nailing boards to them also, same height. The principal is this: The cattle and horses can step over or between these obstructions, while the hogs cannot jump them. They can go through or between, but in order to jump our hogship must "square" himself, as this last arrangement prevents him from taking this square position.

Shutting Off Drafts. Every crack, crevice or hole in or about the windows in which plants are kept during winter should be closed by pasting paper over the smaller ones, stuffing with soft paper or rags the larger and wherever it can be employed filling with well beaten putty.

### Poultry Pointers.

Most farmers keep too many roosters in proportion to the hens. This is a prime cause of infertility in eggs. An overfertilized egg is often yolkless and is always infertile. One cock to ten to fifteen hens is sufficient.

The main factor in securing success with poultry in winter lies in the hen-house being perfectly dry and warm with sufficient light and ventilation. Beware of providing too much ventilation, for in winter that means frozen combs, colds and kindred evils.

Poorly dressed poultry goes begging in the market, while the supply of choice (fancy) stock is not sufficient to meet the demand.

A box of granulated charcoal should be kept in the poultry house. If fowls or chicks have access to charcoal they will never be troubled with intestinal worms.

High grade manure will be wanted next spring for garden work, and it will pay to collect and care for the poultry droppings.

In breeding ducks new drakes should be introduced into the flock each year. New blood should be introduced every time any of the young birds are used.

Every poultryman should lay in a supply of alfalfa or clover for his fowls during the winter months. Green food is as essential as grain for the egg layers.

WANTED—Someone to build store for me at Metolius on a lease; will pay good rental. Reply at once to "Store," Pioneer Office, Madras.

A BARGAIN—160 acre farm for sale, 16 miles south of Madras, 6 miles southeast of Culver Junction, 2 1/2 miles from new railroad, near Opal Springs. Will be water through place soon from springs. 80 acres in cultivation; young orchard, good three room house, barn, chicken house and granery. Inquire of owner. James W. Nichols, Madras, Oregon. R. F. D. Box 70. f16 m2

### HOMESEEKERS

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