

NEW CROOK COUNTY MAPS.

The Bulletin has in stock a number of the new Crook county white print maps, showing all roads, rivers, irrigated lands, towns, township and section lines. The maps are bigger and more comprehensive than any other maps and are carefully printed on heavy white paper. They retail at \$1.00 each, postage 10 cents. If

CURE FOR SICK HOGS

Missouri Farmer Gives Recipe That Has Been Tested.

The following clipping is reproduced from the Windsor, (Mo.) Review for the benefit of the farmers: James P. B. Shepherd, a well known farmer northwest of town and one of the old and reliable citizens of this county, furnishes a recipe for sick hogs which he guarantees will stop the loss of hogs. Mr. Shepherd states he has used this remedy on his hogs for seventeen years and while he has had many sick hogs in that time, he has never in all these years lost a single hog.

Shepherd clipped this recipe from a church paper years ago on the recommendation of a friend he knew and he has been thankful for it many times. He says the recipe will not hurt sows bringing pigs. It is also a fine thing for horses and cattle, used as a powder in their feed troughs. It cures distemper in horses. The recipe:

Take one pound of each, Juniper berries, comfrey root, copperas, alum blood root, black antimony, asafoetida, cream of tartar, borax and ginger, and half a pound of saltpeter; pulverize all fine and mix together, two teacups full to a barrel of swill. Let it stand for three hours before using. Never mix more than enough for present use as it spoils if allowed to get sour.

AVIATION FEATURE SURE

President of County Fair Says Christofferson Will Fly at Prineville

To the Editor of The Bulletin: I have been asked a number of times recently about the aviation feature of our coming district fair; whether the aeroplane flights would be a real performance, or is just being advertised to secure patronage to the fair.

I am confident in assuring the people of Central Oregon, that the performance will be genuine; that the aeroplane flights can be depended upon as surely as any feature of the fair.

The management have engaged the services of Mr. Silas Christofferson, the most noted aviator on the coast, and the people of Crook County may depend upon seeing this bird-man in his wonderful flights, at Prineville, October 18-19.

J. N. WILLIAMSON, Pres. First Cent. Ore. Dist. Fair, Prineville, Ore., Sept. 28.

TRADING STAMPS MAN HERE.

W. R. Fraser, Oregon manager of the Sperry & Hutchinson green trading stamp company, was here Thursday interesting merchants in this advertising method. A number of local men accepted his proposition and within a short time cash purchasers will be receiving stamps which will entitle them to handsome premiums of furniture, etc. Mr. Fraser stated that he would return in a few days to complete arrangements here.

Innes & Davidson's barber shop is located now, temporarily, on Oregon street, in the old Taggart Hotel building. Three good barbers to serve you.

MARKET REPORT.

NORTH PORTLAND, Sept. 28.—Receipts for the week were: cattle, 1866, calves 32, hogs 2686, sheep 2099, goats 255. In the face of an increased supply of cattle the market remained steady to strong, top prices about where they were the week previous. Steer prices were \$6.75 to \$6.90, with extreme tops at \$7.25. Butcher stock was active with the presence of an added number of small buyers, while the bigger killers seemed to be anxious to keep their feed lots well supplied. The uncertainty as to where the next lot of cattle are to come from has kept the market keyed to a high pitch and under the prolonged period of high prices, both killers and consumers have accustomed themselves to a stiff market. If there is any near change in the price of beef it will come as a surprise. The hog market was better supplied than for some time past and the prices were strong at last week's quotations. Tops sold around \$8.65. A great part of the arrivals were extra good quality and the market slide of the week previous was checked. The sheep market was not supplied up to its needs. Good yearlings sold at \$4.65, while lambs sold at \$5.00. A few choice lambs brought \$5.50.

FEEDING DAIRY COWS

(Continued from page five.)

economically go in this direction is a matter of individuality to be determined by the feeder with each cow. Some cows have a very limited capacity; if crowded beyond that they lose instead of gain. Heifers during the first period of lactation, should always be fed somewhat in excess of the normal necessary for maintenance and production. So long as the cow will respond to a gradual increase in the ration by increased production, it is usually safe to go on increasing the food to her full capacity to consume and digest. Sudden or radical changes should be avoided. Cows relish a variety, but where the feeder finds himself at the beginning of the winter with three or four kinds of forage on hand it is better to mix them and feed a portion of each every day than to do as some I have found who feed one variety until it is gone and then change to another.

Twice a day is often enough to feed, although many successful dairymen practice feeding a full ration night and morning and a light ration of hay or fodder at noon. In either case there should be regular hours for feeding, which should be closely observed. Many feeders sacrifice a large measure of possible profit by irregularity in time of feeding. Eighty-four to 88 per cent of all milk is water, therefore it needs no argument to show that water regularly supplied and to the full amount that the animal can use, is an economical supplement to liberal feeding. Care should be exercised to have all forage clean, sweet and well cured. Mangers should be kept sweet and clean.

No more feed should be given than the animal will eat up clean. The best, most successful feeders I have known remove any food left in the manger more than one hour, and where they find any to remove they are careful to give a little less at the

next feed. It is seldom practical to weigh the feed at each feeding, but the feeder should familiarize himself with the weights of the various kinds of grain and forage handled until with a measure or fork he can deal out to each animal the necessary amount. Keeping the manger filled all the time is not economical feeding.

To determine the manner in which the dairy cow is utilizing her feed, scales for weighing the milk and a Babcock test are necessary. The milk should be weighed at least one day of each week, and tested twice a month. In this way the feeder is enabled to learn just what use each individual cow is making of her food, and change the amount of feed in the direction that promises the most profit.

The standard maintenance ration is based on a 1,000 pound animal of normal temperament, comfortably housed and kindly treated. The amount of digestible nutrients noted as present in the various grains, by-products, grasses, fodders and roots assumes the same to be clean, sound, reasonably dry, unbleached and free from mould or rot. Over ripe hay, or that which has been bleached by rain or dew, damp or mouldy grains, sour or fire fanged ensilage, would have to be given a wide allowance for waste. The palatability of the ration will have a material effect upon its value and use by the cow. The energy expended by the animal in mastication and digestion of some kinds of foods are estimated to equal 25 per cent of its food energy.

The dairy cow is a sensitive machine, used by the dairyman to manufacture grain and forage into milk. It requires, as has been shown, as much food to sustain the life of the cow as is used in the manufacture of 30 pounds of milk.

Here appears the economy in feeding each individual cow up to her capacity for manufacturing milk. As it takes just 50 per cent more food to make 30 pounds of milk from two cows, making 15 pounds each, than one cow making the 30 pounds, the profit of the dairyman always accruing from that measure of food which the cow turns into milk, the food of support is always chargeable to expense. Why board two men to do one man's work, or two cows to do one cow's work?

Remember, your machine must have a given amount for its own use and that the surplus is what is used for your benefit. The wide variation in the capacity of animals, even of the same size, age and breed; to produce milk from feed combs properly under the heading of selecting cows rather than feeding, but I wish to emphasize the fact that even the best cow cannot make milk unless she is supplied with the raw material.

Free Fruit Land at Paisley

DON'T BE AFRAID OF U. S. GOVERNMENT CAREY ACT IRRIGATION PROJECTS IN OREGON.

The day of irresponsible irrigation companies in this state is past. When the Northwest Townsite Company of Philadelphia took over the Paisley Project in Lake County, it gave the largest bond ever given in the state—fifty thousand dollars—guaranteeing completion of the project. Every three months it makes an itemized statement of expenses to the Desert Land Board. All of its advertising books, maps, contracts, subscription agreements and literature is submitted to the Desert Land Board for inspection before being issued.

THE LAND IS LEVEL, FREE FROM ROCK, AND IS A RICH VOLCANIC ASH SOIL. The climate is perfect for fruit, which now grows to perfection at Paisley.

Apples, Peaches, Plums, Pears, Prunes.

Construction work upon the dam and reservoir has now been in progress for three months, with Thomas Hawthorn, State Inspector, on the ground. He was formerly with the U. S. Government Reclamation Service on the Umatilla Project.

Send for 32 page illustrated book. Go to Paisley by automobile stage from Bend and see the land. Our agent at Paisley, Hugh K. Gilmore, will show you the land. It is free to those who pay the cost of putting water on it.

Northwest Townsite Co. are among the largest taxpayers in Oregon, owning townsite sub-divisions at Prineville, Madras, Redmond, Bend, Burns, Vale and also the 840-acre Corn ranch at Paisley, including a 50-barrel-a-day capacity flour mill, and general store.

Our bank references are: First National Bank, Philadelphia, Pa. Girard National Bank, Philadelphia, Pa. Commercial Trust Co., Philadelphia, Pa. Interstate Finance Corporation, Philadelphia, Pa. Merchants' Trust Co., Camden, N. J. Security Savings & Trust Co., Portland, Ore. Address all communications to our Portland office, 601 Yeon Building. Write now. The average cost of water will be \$46 dollars an acre. We will give you a square deal.

Northwest Townsite Co.

308 Chestnut St., Philadelphia, Pa.

SEE OUR AGENTS IN BEND—

HOMESEEEKERS' LAND COMPANY.

Talk About Gloves

I have been fortunate enough to procure the exclusive agency on an Oregon HAND-MADE BUCKSKIN GLOVE. Deer killed in Oregon, hide tanned in Oregon, glove made in Oregon and sold in Bend.

And guaranteed by G. W. Fisher, Manufacturer, at Brownsville, Oregon For sale by

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Civil Engineer
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Complete tract indexes and photographic copies of all Crook County records.
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All Kinds of Blacksmith Work
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NOTARY PUBLIC
Hunter's and Angler's License Papers a Specialty.
Bulletin Office, Bend, Oregon

Clothing and SHOES.



—At the R. M. Smith Clothing Co.'s Store you will find an excellent line of clothing for men and shoes for every member of the family.

—Look at these special offerings and then you will see the folly of paying more at some other place.

Extra Heavy Ribbed and Fleece Lined Underwear, at per garment.....

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Silk and Union Suits for men per suit, only.....

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Men's New Fall Suits are now arriving, the best of goods and workmanship, at prices per suit from.....

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The Famous White House and Florsheim Shoes for Men, Women and Children are here.

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WALL STREET.

"Everything to Wear for Men Who Care."

FRUIT TREES

Our nursery is located on Powell Butte, fourteen miles east of Bend. Our trees are the kind we recommend after over thirty years experience in the fruit business in this neighborhood. Our prices and treatment will please you. Catalog free on request. Come and see our orchards and nursery. Office address, Prineville, Ore. **LAFOLLETTE NURSERY CO.**

Announcement

THE OWL PHARMACY

will reopen for business in the store room in the NEW FIRST NATIONAL BANK BUILDING on Bond Street as soon as it is completed.

Somewhat crippled by the fire, but still in the running, with NEW STOCK and LOW PRICES.

Ralph Poindexter, Proprietor

PREMIUMS \$3,000—RACES \$3,000

The EIGHTH ANNUAL FAIR

FIRST CENTRAL OREGON DISTRICT AGRICULTURAL SOCIETY

PRINEVILLE, OREGON, OCT. 16 to 19 INCLUSIVE, 1912

Amusement, Information and Instruction. Complimentary \$2.00 Ticket to all enrolled Crook County School Children and Active Teachers. Clean Camp Grounds, Free Wood and Water. For further particulars apply to J. F. CADLE, Secretary, Prineville, Oregon.