

## Feeding Cotton Seed Cake to Sheep Advised for Winter

A number of large sheepmen have inquired at the county agriculturalist's office for information concerning the wintering of sheep on cotton seed cake and indications at present are that several carloads of this feed will be fed in Central Oregon this winter.

Cotton seed nut cake is now used very extensively on the western ranges for wintering stock sheep. It is only within the last 40 or 50 years that the value of cotton seed has been appreciated. Previous to that time it was thrown away as useless. Today it is regarded as the source of one of the best concentrated feeds on the market. In sheep feeding, cotton seed cake (nut size) can be economically fed in conjunction with alfalfa or other hay, or to supplement winter pasture. Ewes fed in this manner come through in excellent shape, and tests show the percentage of lambs is higher, and the losses much lower than when wintered on hay alone. The following ration has been entirely satisfactory. It will be noted there is a great saving in hay: Alfalfa hay, 2 to 3 pounds; cotton seed cake (size of nut), 2 to 2 ounces.

H. C. Wood, of Spencer, Idaho, has successfully wintered his sheep for a number of years on a ration containing cottonseed cake. He starts feeding about 1 1/2 ounces per ewe about breeding time, and continues to feed until the range is green in the spring. As the weather grows more severe this is increased until each sheep is receiving from two to three ounces daily. After the first snow each sheep receives two

pounds of hay in addition to the cottonseed cake. These sheep come out in the spring stronger than they went in in the fall. They also sheared two pounds more wool apiece than those fed hay alone.

Cottonseed cake for range feeding gives better satisfaction and less waste when fed in the nut size, than in meal or pea size. If scattered on the ground, the sheep will find it. Many of our sheep men feed it in connection with hay in muddy weather and the sheep will follow the nut cake down into the mud with practically no waste. It has been found better to feed it on bare ground than in the sagebrush. When sheep are fed cottonseed cake they must have plenty of moisture. Sheep fed cottonseed cake on range where the snow was blown off lost weight. They will cease feeding on the cottonseed cake naturally in the spring with the coming of the warm weather and green grass. Two lots of range ewes, fed on straight hay at the rate of five pounds per sheep and the other fed two pounds of hay and 1 1/2 ounces of cottonseed nut cake, showed the following results: The ewes fed on the cottonseed cake and hay ration sheared two pounds more wool each and produced eight per cent more lambs than those fed the hay straight.

Cottonseed cake nut size will range in price from \$69 to \$65 per ton f. o. b. Deschutes Valley points. The county agriculturalist will be pleased to have all those contemplating purchasing cottonseed cake get in touch with him, so all orders can be combined into carload lots.

## Details for Enlisting in Forestry Regiments Given

PORTLAND, Or., Sept. 22.—(Special.)—At the request of the War Department the forester has designated George H. Cecil, district forester, of Portland, Oregon, to assist in recruiting two battalions of loggers and lumbermen, as part of a second forest regiment which will be known as the 29th Engineers (Forest) Regiment. Each battalion will consist of three companies of 250 men each, all of whom should be experienced loggers or mill men. Special request has been made for a limited number of men especially qualified for sawyers, sawmill engineers, filers, ratchet setters, millwrights, electricians, edgemen, foremen, woods bosses and motor truck operators. Information regarding this regiment can be secured by calling at the District Forester's Office, Beck Building, Portland, or at any forest supervisor's headquarters, in Oregon or Washington.

It is understood that the various companies composing these battalions will be scattered widely throughout the forests of France, where they will be called upon to cut timber and prepare it in the form needed for use by the military authorities as lumber, poles, piling, fire wood, etc. Officers are already being selected and

enlisted men are needed. They should be experienced woodsmen or sawmill workers. Service in these units will give such men a chance to take part in the war in the line which their life training and experience has particularly fitted them. For logging crews there are needed, skilled axmen, wood sawyers, filers, tie hewers, skidders, teamsters and blacksmiths. For mill crews, millwrights, mill sawyers, circular saw filers, mill engineers and experienced mill hands. Applicants for enlistment must have reached their eighteenth birthday and not have passed their forty-first. They will be subject to the same physical examination as required for the regular army. Men of draft age whose names have been posted by the "Local Board" for service in the National Army are not liable for enlistment. Other men of draft age will be accepted. Men with dependents will be required to give a certificate signed by them and their adult dependents, that they will not call upon the United States for financial support during the period of the applicant's enlistment. Enlistments will be for the period of the war. All recruits will be enlisted as privates, even though qualified for non-com-

missioned positions. Warrants for non-commissioned officers are issued if a man is found qualified by the regimental commander, after joining the battalion to which he is assigned.

Men living in this vicinity and wishing to enlist, may apply to V. V. Harpham (Acting Forest Supervisor, Bend, Oregon).

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## DEMENT STORES TO HAVE WAREHOUSE

Buildings Will Be Equipped With Steam Heat—Basement Excavated Near Alley.

(From Tuesday's Daily.) Very soon, unless the weather interferes with present plans, a two-story brick warehouse is to be erected in back of the Floyd Dement grocery, facing the alley between Bond and Wall streets. Already a large hole has been excavated and is ready to be cemented and prepared for the housing of a boiler which will supply the hardware and grocery stores and the warehouse with steam heat. The structure is to be 50 by 90 feet in dimensions.

## FIRST LUMBERJACK GOES.

(From Monday's Daily.) The first man from this section to join the lumberjack regiment, the Twentieth Engineers, is Albert E. Wislander, of Warm Springs. He spent last night in Bend and went out on this morning's train to Vancouver, from which place he will probably go on to San Francisco. Mr. Wislander has been in the Indian service on the Warm Springs reservation.

## BUYS TUMALO TRACT.

(From Tuesday's Daily.) Mrs. Bertha Datesman, of Everett, Washington, has purchased of D. G. Mack his 40-acre tract a mile and a half northwest of Tumalo. She has also purchased a state 40-acre tract adjoining and will take possession at once. Mr. Mack intends to spend the winter in Roseburg.

One cent a word is all a little Want Ad will cost you.

## CRESCENT SAW MILL TO MOVE

PLANT WILL EMPLOY 25 MEN AND MAY BEGIN OPERATING WEST OF BEND IN 30 DAYS—OUTPUT ALL CONTRACTED.

(From Tuesday's Daily.) Another saw mill is to be added within the next 30 days to the number operating in the vicinity of Bend. The mill is the one formerly located at Crescent and known as the Cannon mill. A six-horse outfit left Bend this morning to bring the plant in from Crescent and it is expected to be in operation within 30 days.

The mill will be operated by Elmer Merrill and its entire output has already been contracted by W. R. Wilkinson, who will ship from Bend, the lumber being hauled over the brickyard road.

The mill is expected to have a daily capacity of about 15,000 feet. It will be situated at the foot of Red Rock canyon west of Awhroy Butte and will employ about 25 men. Timber in the vicinity which has been contracted will be sufficient for a long run.

## REV. NELSON BUYS HOME.

(From Tuesday's Daily.) Rev. J. M. Nelson, of the First Baptist church, this morning completed the purchase of J. J. Cunningham's residence on lot 5, block 17, River Terrace. The consideration was \$2250.

## SECOND HALF OF TAXES ARE DUE

(From Tuesday's Daily.) Little over 10 days remains for those who still owe for the second half of their taxes to pay them. The second half tax is payable on or before October 5, all taxes remaining unpaid on that date, which is Friday, next week, being declared delinquent and subject at once to interest at the rate of one per cent per month or fraction of a month until paid. Taxes which remain unpaid on the 15th of November are subject to further penalty of five per cent. According to Sheriff Roberts a large amount of taxes has yet to be paid.

REMODELS OFFICE. (From Tuesday's Daily.) Counters are being moved back and the office of the Bend Water, Light & Power Company is receiving

a general overhauling today. The object is to enlarge the lobby.

Four chairs at your service at the Metropolitan. No waiting.—Adv.

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*Technical Department Bulletin*  
Peerless Motor Car Co.

To All Dealers:  
For your information we wish to advise that in our experiments and tests here at the factory with our new eight-cylinder car, we have been able to secure uniformly better results with Standard Oil Company's Zerolene motor lubricant than with any other which we have used.



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The above letter sent out from the factory to all Peerless dealers is an unsolicited testimonial to the perfect lubricating qualities of Zerolene. Less wear, more power, less carbon deposits, because, correctly refined from California asphalt-base crude.

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