

## CARE OF SHEEP IN SUMMER.

It is a good thing to wean early spring lambs during the latter part of June. Some sheepmen advocate allowing them to continue to run with the ewes, but it has been found that the latter will do much better without the lambs, and with plenty of good pasture the lambs will make better growth if they are separated from the ewes.

Of course food requirements of the ewes and lambs are very different at this time, which makes a separate box more necessary. Always try to have plenty of good pasture for the sheep, as this is a very important feature, without which the animals will not do well.

Do not fatten the ewes, but put them into a plump condition preparatory to



A WELL REARED SHEEP.

(By courtesy of Iowa State college.)

entering the breeding period and the winter. The lambs, on the other hand, should be pushed rapidly, as quick maturity is a matter of considerable importance if a good profit is to be made from them.

The lambs make a better growth while young, at less cost a pound, and, taking all things into consideration, it is more desirable to get them off to market at the earliest possible moment.

### Good Mixed Pasture.

Allow ewes the run of a good mixed pasture, with access to a little clover. They will do exceedingly well with this and a little grain. The flock should be provided with a plentiful supply of good, pure water, which is very essential, as a discouraging outcome is apt to be the result if they are allowed to drink water that is impure. Feed the lambs a small quantity of oats mixed with some bran as an appetizer and allow them the run of a fresh clover pasture, which will keep them growing nicely.

Frequent change of pasture is a great help with sheep, particularly with the lambs, which are rather particular about what they eat. If they are turned into a new range after a shower it will be surprising to see how thoroughly they will go over the grass again, even though it has been cropped closely before.

Watch ewes and lambs closely for any indications of stomach worms or other insect pests. Keep the stable darkened and accessible, so they may get away from the flies in muggy weather. Flies are more annoying to sheep than many would suppose, and every possible precaution should be taken to prevent the attacks of these pests.

### Watchful Eye Necessary.

To make sheep profitable the ever watchful eye of the flockmaster is most necessary. Some farmers give their sheep good pasturage during the summer, but they overlook the importance of going among the flock two or three times a week to see that all are on foot and doing well and have plenty of good water to drink. It is just as necessary to see that sheep have a plentiful supply of water, especially during summer, as it is to supply plenty of suitable and palatable food.

The flock should also be regularly supplied with salt. Salt is an element of food, and a flock of sheep salted regularly do far better, remain in a more thrifty condition and make greater gain than those which are supplied with this element at irregular intervals.

Are you in favor of good roads? If not you don't belong to this age of the world and this town is no place for you.

### Tar on English Roads.

The county surveyors in England have reported that the tarring of roads has resulted in a saving of 20 to 25 per cent of the cost of the road maintenance. The average cost of spraying with tar is \$195 per mile. Experienced men say that it pays to spend this much for tarring the roads that cost \$750 to \$1,000 per mile a year for maintenance. Nothing more satisfactory than tar has been found. Two methods are used in applying it. If the road is resurfaced the material is previously saturated with tar. On roads that are not used too much such treatment will last five or six years. The other system is to spread hot tar on the surface, and this has proved to be more than a dust protector. It makes the road waterproof and binds together the material, making it more resistant to water, wheels and hoofs.

## WHAT TO GIVE THE BOTHERSOME BUGS

Proper Spray Applied at Right Time Kill Many Pests

Just what to use to kill the bugs and worms which annoy the gardener of vegetable and small fruit tracts at this time of year, is told in a new bulletin of the Oregon Agricultural College which will soon be issued from the college press.

"Plant lice, or aphids, such as the cucumber aphid, cabbage aphid, lettuce aphid, strawberry aphid, rose aphid and others, often become very troublesome in the garden on various plants, and some of them are extremely hard to control," says H. F. Wilson, entomologist, who is the author of the work. "Black Leaf, Black Leaf 40, or Kerosene Emulsion, applied at any time when the aphids become troublesome, or before the leaves curl, is effective.

"For worms on cabbage and cauliflower Paris green or arsenate of lead should be used. For cut worm on onions, a bran-arsenic mash of a Paris green dry bait.

"For the striped cucumber beetle, the plants should be dusted with Paris green or with arsenate of lead. It is well to plant some early squash for trap plants, and when the beetles are feeding on them, dust heavily with Paris green.

"For worms on the leaves of currant bushes, one should spray with arsenate of lead. For fruit worms, destroy the infested fruit and allow the poultry the run of the bushes when the infested fruit is falling. For aphids apply an aphid spray (a Black Leaf or emulsion) when the berries are just coming out. Gooseberries should be given the same treatment as currants.

"For plant lice on hops, a thorough spraying should be given with Black Leaf or Kerosene Emulsion at the time the lice are on the plant, and the treatment may be repeated in June if necessary. For aphid on peas treatment is the same.

"To get rid of the striped cucumber beetle on muskmelons, the treatment is the same as on cucumber vines, and for flea-

beetles on potato vines, a heavy strength spray of arsenate of lead whenever the beetles appear should be effective. Watermelon pests are treated as the muskmelons.

## PLANS FOR COUNTY FAIR

Continued from page 1.

board to send out a man to travel the county to meet with the farmers encouraging them to send their exhibits and to come themselves, and this personal work, a new feature, is bound to result in a much better agricultural and livestock exhibit—one that will be worth while making a special trip to see.

It has been suggested that the four days of the fair will be designated as Prineville, Bend, Redmond and Madras days respectively, or that in some way the separate towns and communities may have one day set apart for them especially at which their teams shall compete, their schools attend en masse, and their residents combine together to form auto or driving parties to the scene of the fair festivities. Any readers of this paper who have ideas along this line, are invited to communicate with the secretary so that the most satisfactory dates may be set apart for all.

The premium list has been revised to date, and will be back from the printers it is expected some time in July at which time the secretary will have them distributed all over the county. It is hoped that when these arrive each recipient will read them through carefully as there is something for all in the offers made, and the extremely liberal premiums this year should tempt everyone in Central Oregon to make some sort of an exhibit. Each man, woman, and child has something eligible for competition for one or more of these premiums, and it will pay you to bring it to the fair. Besides paying you it will help the Fair Association for the better the exhibition, the greater the gate receipts, and the greater the gate receipts, the better will be each succeeding fair.

Keep the fair in mind from now on. October 11th to 14th 1911.

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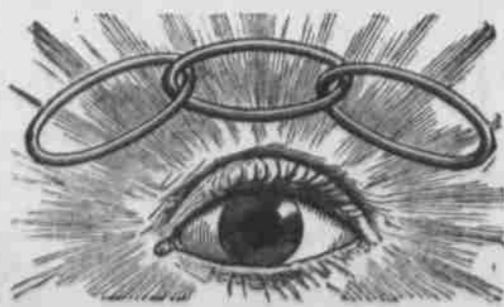
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12x14 " " " " " "	18.00	14.75
10x12 " " " " " "	13.25	11.00
12x20 Wagon Covers 12 oz. double fill	11.50	9.75
10x16 " " " " " "	7.50	6.10
7x16 Stock Mens Bed Sheets 12 oz.	6.00	4.75
6x14 " " " " " "	3.75	3.00

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