If for prize animals then the number half a pound of grain. lest on a sow should be less than for ordinary feeding purposes. About make a creep in the pasture field and eight for a matured sow would be a continue the supply of grain regularly,

stronger and much better

The last two weeks before farrowing the sow's feed should be of good qual-Increase her food gradually and give a little oilcake or linseed meal once or twice a week. As soon as the young pigs are about three weeks old they will begin to eat a little. It is a good plan then to have a pig creep for them similar to a lamb creep. In this put shallow vessels with milk, ground feed or soaked wheat to induce them to eat. Keep them well supplied and keep pashing them along. Nothing will in age as crease the flow of the sow's milk so sible. them, but this should be determined by the way they are eating and growing rather than by their age. Weaning should be done gradually. Rethe poorer ones a little longer. sow can thus be dried up without any injury to her udder.

in the summer and making profitable

pork.

FEEDING GRAIN TO LAMBS.

Teach the young lambs to eat grain as early as possible. The lambs are inquisitive little fellows, and a snepherd can soon teach them to lick meal. The best way to give lambs their meal is in what is called a lamb creep. The lamb creep is a small enclosure opening off the pen in which the lambs are running. The opening into it is only large enough to admit the lambs. Place a trough in it and keep it supplied with meal for the lambs to eat.
The best feed for the lambs is a mixture of oats, bran, and linseed meal, Corn equal parts of each by weight. quantities of bran without any injury. hulls.

will have to be exercised in getting be sold at a much higher price, the lambs to cat. Remove any meal Experiments have been made and the sold at a much higher price. they have left and give a fresh supply.

ject for which the pigs are being fed. weeks a good lamb can get away with

When the lambs go out to pasture good number. The pigs will be gradually increasing it. The result stronger and much better will be that the lamb will pass through weaning time much better and ulti-mately be ready for market weeks the sow seed should be of good qual-ity and not too bulky. After farrow-earlier than lambs that have had no ing her feed should be light for a day grain. If they are held until those or two. A slop of middlings and that have had no extra grain are ready skim-milk makes a good food for her. they will be fully a quarter heavier, and worth that much more.

FEEDING GRAIN TO BREEDING EWES.

If the ewes have dropped their lambs before the grass has advanced far enough to be pastured, they will require liberal feeding so as to encourage as liberal a flow of milk as pos-They should have as much sucwell as a liberal supply of bran. When culent food as they will eat and from a the young pigs are about six weeks pound to a pound and a half of bran old it is time to think of weaning and about two pounds of hay each per day. A heavy flow of milk can only be maintained by good feeding while the ewes are in the sheds.

When the ewes go out to pasture, duce the feed of the sow, and feed the and this should be as early as possible, little fellows extra. After a week or the grain ration should be continued so take away two of the best pigs, then until the soft, early grass has given later another two and so on, leaving place to a more substantial one. When this condition of grass is reached, the experiments of Professor J. A. Craig at the Wisconsin Experi-Get the young pigs on a nice piece ment Station go to show that it does of clover as soon as possible. There not pay to feed grain to the ewes with is nothing equal to it for growing pigs the idea of assisting them to do better in the summer and making profitable for their lambs. The experiments, for their lambs. which were repeated three years in succession, show conclusively that it does not pay, and that though the ewe may lose a little in weight she can easily pick that up again after the lambs are weaned if she has good pasture. Of course, with thoroughbred stock it might breeder to feed a little grain to hold his ewes in a little better condition, but that is all that would be gained.

CHEAP EGGS.

HOW TO PRESERVE THEM.

Eggs are now bringing less than ten cents in country places; what to do with them is the question. Many farmis too fattening for young lambs, and ers eat them, because they say they tation, a mixture of eight parts of bran thing that will prevent this is a general does not provide sufficient growing are so cheap they are not worth taking with one of powdered quicklime is of material. The lambs can use large to the store to trade with. Many great value. quantities of bran without any injury. thrifty city housewives lay in a large The oats may be fed whole; if ground store of eggs at this season and prethe lambs will leave some of the serve them for future use when eggs are bringing a high price. Many hulls.

Sheep are very particular about their farmers' wives might take a lesson from on the farm a direct interest in the feed. They want the best. They will them, and preserve twenty-five or stock. There is nothing that will bind feed. They want the best posed over by fifty dozen eggs for winter use. The the boys to the farm as thoroughly as other animals. So a little patience eggs laid during the winter could then

Germany, by Director Strauch, of the his own if he will care for it. If so Keep everything clean and sweet for Agricultural School in Neisse, with fortunate as not to have to raise any them. If the lambs are still in the various methods for keeping eggs by hand, let the boys have one each sheds feed them meal night and morn-fresh. At the beginning of July out of the flock for themselves and about the advantages of having infering when the sheep are fed. After all twenty fresh eggs were treated by each teach them how they should be cared the eggs for sale. The chief reason the lambs are still in the various methods of the lambs are still in the various methods for keeping eggs by hand, let the boys have one each about the advantages of having infering when the sheep are fed. After all twenty fresh eggs were treated by each teach them how they should be cared the eggs for sale. The chief reason

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| s noile |
| Wrapped in paper 80 Kept in a solution of salicylic acid and gly- |
| Kent in a solution of salicylic acid and gly- |
| cerine 80 |
| Rubbed with salt 70 |
| Packed in bran 70 |
| Caral with opening |
| Coated with paraffin |
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| glycerine agreement to the control of the control o |
| Immersed in builing water 1x 15 seconds . 50 |
| Treated with a solution of alum 50 Kept in a solution of salicylic acid 50 |
| Kent in a solution of salicylic acid 50 |
| Coated with soluble glass 40 |
| Coated with collodion 40 |
| Coated with varnish |
| Rubbed with bacon 30 |
| Packed in wood ashes 20 |
| |
| Treated with boric acul and soluble glass 20 |
| Treated with potassium permanganate 20 |
| Coated with vaseline and kept in lime water |
| All go |

..... All very good Kept in soluble glass The most useful of them all is the one given second to the last in the It is, however, unnecessary to coat them with vaseline.

The following receipts for making pickle for preserving eggs have been perfectly fresh, and let down into the pickle with a dish when they will settle to the buttom. Packed in this way, if in a cold place, the eggs will keep fresh for months:

1. To a pailful of water add ½ lb. of slacked lime and ½ lb. of salt. Make up enough to cover the eggs in whatever vessel is used.

2. Add three-quarters of a pound of nitre to half a barrel made up of half a pound of slacked lime to a pailful of water. The nitre is used instead of

cover them with a good lime wash well stirred and strained. The eggs require washing when taken out of this pickle.

If the lime pickle is too strong it is apt to harden the white of the eggs, and sometimes to give the eggs a limy taste. To prevent this some advocate rubbing the eggs with lard before put-

ting them in the pickle.

4. Another method recommended by some is to take a dozen or so at a time, and dip them five seconds in boiling water containing about five gallon of water. The eggs are then placed on trays to dry. The hot water causes the formation of a thin skin of hard albumen next to the inner surface of the shell, while the sugar effectually closes the pores of the latter. mixture of one part charcoal and two parts bran.

As a packing material for transpor-

GIVE THE BOYS SOME LAMBS.

It is a good plan to give the boys Where a lamb has to be raised by Experiments have been made in hand let one of the boys have it for

is a sure way to drive the boys off the form. If the lambs are kept in the flock give the boys the increase and the wool. They can thus be taught early lessons of industry that will benefit them all their days. The farms want young capable feeders; train the boys to be intelligent feeders and good stockmen.

The same line of work may be extended to other interests on the farm. Take the boys into partnership and interest them in your work.

CONDITION OF CATTLE IN THE STATES ON THE PACIFIC SLOPE.

The last report from the states of Oregon, Idaho, Wyoming, Utah, Nevada, Colorado, New Mexico, Arizona extensively tried and can be recom- and California, show that the condition mended. The eggs, however, must be of the cattle is none too favorable. and California, show that the condition Throughout these states the stockraisers are anxiously watching the weather. California is suffering from a prolonged dry spell and thousands of cattle are starving. The cattle are quarantined for Texas fever, with but a very scanty hay ration to carry them through the storms of April, and cold weather will pile their bones against the wire fences. In Colorado the snowfall has not been up to the average and there will be a very serious shortage in crops unless heavy spring rains fall over a very large area. Down 3. Pack the eggs in a barrel, and in Arizona it has also been dry with much wind, which has done much harm to the ranges. A great many of the cattle are not in as strong flesh as usual, but there are fewer of them to handle and pastures and water may hold out. Utah has been more for-tunate and the cattle should come out in good flesh next fall.

Prices for stockers out there are high. Texas stockmen are asking \$20 apiece for yearlings and getting it. The buyers, however, are not the northern men, who usually purchase most of the stock, but men from Kansas, Nevada, pounds of common brown sugar per and Colorado. The northern men will not have anything like a full quota to market in 1898, less in 1899, and very

few in 1900.

It is reported that on the whole the cattle are not in average condition, which is supposed to be due to the When cold, the eggs are packed in a lack of moisture over a great section of the west. This foreshadows an unfavorable summer season with hot winds in the corn belt. The only soaking rain lasting for several days. It is almost too late to expect such On the other hand a rain now. there is a decreased number of animals to handle, and less pasture and water will suffice, so that what cattle there on the farm a direct interest in the are on hand may come out in good stock. There is nothing that will bind condition in the fall. It is estimated that the shortage of cattle in these owning something of their very own. states will amount to 30 per cent. of an average crop.

FERTILE Versus INFERTILE EGGS.

ing when the sheep are red. After an exemptical eggs were treated by each teach them how they should be cared the eggs for sale. The chief reason the chores are done see if the lambs method and examined at the end of for, and thus interest them in the work for advocating infertile eggs is their have caten up their grain; if they have, February. The following is a sumgive them some more. By the time mary of the experiments and the re
Let the boys realize that the lamb quality of infertile as against fertile give them some more. By the time mary of the experiments and the rethey are eight weeks old they will eat sults:—

one-fifth of a pound a day. At ten Kept in brine: All unfit for use, weeks old they will consume one. Not decayed, but unpaintable from quarter pound a day, and at twelve being saturated with salt.

Let the boys realize that the lamb quality of infertile as against fertile, when the lambs are sold give them at the Ontario Agricultural College the pound a day, and at twelve being saturated with salt.

"Bob's lamb but dad's mutton." That sults were in favor of the infertile