Exercising Stock in Winter.

Stock of all kinds needs outdoor exercise, especially in winter, when the blood becomes thickened. The animals should be turned out every pleast day. The change does them good. e lungs are inflated and the circula-p kept brisk and healthy. The card and brush, with plenty of fresh air, good, wholesome food and proper attention, will insure against tuberculosis or any other disease.

Weeds in the Pasture.

'A weed is as much "a plant out of fts proper place" in the pasture as elsewhere, and where the pasture is devoted to dairy stock it may be doing more damage there than it would in mowing or cultivated field. It takes up food and moisture that are needed for the useful plants, and it sometimes is of such a character as to be poisonous to the animal, and often weeds impart unpleasant odors and flavors to the milk and its products. If the pastures could be cleared of weeds and bushes and their place given to better grass, not only would they produce enough for many more animals, but the milk products would be of more uniform good quality. If the whole pasture cannot be cleaned in one season, clear a little each year.

Progress in Sheep Husbandry.

A review of the sheep and wool production in the United States has just been compiled and issued by the department of agriculture. It was prepared by J. R. Dodge and contains a lot of historical information of interest to every sheep grower. According to this bulletin the flocks in the United States do not now aggregate as large a number of sheep as in 1893 and 1894, but they are increasing rapidly and bid fair to exceed before many seasons the highest former figures. The variety of breeds is greater than ever before. Where manufacturers desire a variety of wool they can get all kinds without going out of the country. This was shown when wool was collected for the Paris exposition.

It is interesting to note that the decline of floc's in New England has been steady for fifty years. Some New Englanders feel that there may be a profit in raising sheep and producing fat lambs, but they insist that there is no money for them in growing wool. Up to date this theory has not resulted in any marked increase in the number of flocks. In the Middle States, the conditions have been essentially the same, except in Pennsylvania, here the decline was much less ed. There has been but little sheep raising has not been prominent. It is the great West that leads in the sheep industry and shows a continued increase in price and quality.

A Satisfactory Dairy Ration.

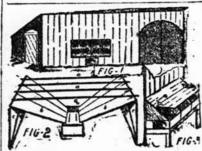
One of the most perplexing questions for the average dairy farmer is the feed ration. The cost of production must be considered and also the general results. Shall it be of the finely chopped material or will it be the coarse feed? I will give below the raion used by one of the leading farmers of Southern New York and his mode f giving. He arises at five o'clock in the motning, goes to the barn and milks, after which he gives his herd of thirty cows three quarts apiece of gluten meal. He returns to the house and eats his breakfast. Then he gives onehalf bushel of ensilage and after this is eaten five pounds of cornstalks. This amount is given twice a day, morning and night. At noon two quarts of gluten is fed with cornstalks, making in all eight quarts gluten meal, one bushel ensilase and fifteen pounds of stalks to a cow. This I think is a very good ration for it includes all those foods which go to make up a good diet, nd a thrift; condition is always sed when it is used.

y own wilk is delivered at the loco-operative creamery and during past yer averaged me \$76 per cow. ly not a bad showing for a dry mer. Ours is one of the mos sucful creameries in the State. It save cost of help and making, and uses Babcock butter fat test in distribng the money return among its paas. This is conceded to be the best thod in use and it certainly has been isfactory.-Morgan S. Joslyn in nerican Agriculturist.

A Good Poultry House. the henhouse here shown has It is twenty ved very saj long, ten in front scratchi d should

PRODUCIONO CONTROL CON eighteen inches above floor, around the front and two ends.

The roosts are the full length of the rear and extend six feet from back wall toward the front. These should be three feet high and built as in Fig. 2. This allows ample room to clean underneath and to lift out the troughs. The roosting poles are on a level and at each end fitted snugly into sawed notches. All can be easily removed for cleaning, as may the bottoms of the nests, Fig. 3, which have short movable boards for the



DETAILS OF POULTRY HOUSE.

floor of the nests. Drinking cans or troughs are arranged just under the window; dust and grit boxes likewise. A house similarly constructed with all needful inside arrangements can be built for \$25. If lined with light building paper it will be nearly frost proof and easily kept free of vermin. Any kind of a floor can be made, but I prefer a raised earthern floor. Muck or clay well packed, then wet theroughly, will after drying make a floor that can be swept. Sand should be thrown over it after cleaning and before litter is put in the house .- J. C. Baker, in American Agriculturist.

A Tale of Chivalry.

The Knight on his prancing steed, rode up to the Castle gate, and striking his halberd upon his brazen shield the clanging sound rang out upon the morning air and echoed through the moated grange.

The ever watchful Senechal upon the outer wall heard the summons of the visiting Knight and responded.

"Ho, there," salled the Knight in stentorian tones, "Ho."

"What wouldst, Sir Knight?" inquired the Senechal, removing his helmet.

"Let the portcullis fall," said the Knight. "I would enter the Castle and see the fair lady who is its mistress.

"Wait but a little," replied the Seneschal, "and I will come again."

The Knight bowed, and the Seneschal, descending into the Castle, went into the grand hall where the fair lady sat upon a raised dais beneath a canopy of crimson and gold and purple.

The Seneschal, bowing thrice, approached the hem of the fair lady's garment.

What means your presence here, varlet?" inquired the lady.

"A Knight is at the gate of the Castle, fair lady," said the Seneschal. "What would he?"

"To see the mistress of the castle." "Is it the Knight of Campney?"

"No, fair lady." "Then it must be the Knight of Aberdeen," she said, half to herself, and

blushing softly. "No, fair lady, it is not," said the Seneschal.

"Not he, varlet?" she exclaimed an-

grily. "Then who is it?" "I know not, fair lady," answered

the trembling Seneschal, "b from his language, I should say it was the Man with the Ho."-Washington Star.

Japanese Immigration.

Emmigration to this country from Japan has brought a higher class with the laborers, and one whose coming is a compliment to our educational system. Education is relatively hard to get in Japan, where wages are so low that a student cannot afford to support himself and go to school, too. But the public schools in San Francisco and the two great universities at Berkeley and Palo Alto are free to them, and ambitious young men of the upper classes have been glad to come to California, where they could work as servants in private households and hotels while preparing to take their degrees. To such an extent does this Practice prevail that two years ago it was estimated that there were 5000 Japanes, seeking education in Califor-

Only about 1225 were on the whole Pacific coast in 1890. In the next two years 2634 arrived at San Francisco. and many more came by way of Victoric and the northern ports. The arrivals in San Francisco vere 1380 in 1893, 1931 in 1894, 1150 in 1895, 561 in feet | 1897, 826 in 1898, 1667 in 1899, and 2664 for the fiscal year just ended -Ains-'s Magazine.

Renewing Her Youth.

izabeth Harper Conaway. two years, is cutting her th. Two lower and have appeared and he will cut a full eeth were exd she has Another

at her

been

Best For the Bowels.

No matter what alls you, headache to a cancer, you will never get well until your bowels are put right. Cascarars help nature, cure you without a gripe or pain, produce easy natural movements, cost you just 10 cents to start getting your health back. OASCARETS Candy Cathartic, the genuine, put up in metal boxes, every tab-let has O.C.O. stamped on it. Beware of

No one envies the turkey his fat when they think of Thanksgiving Day.

It is confidently asserted that the large decrease in infant mortality in this country during the past decade has been brought about in no small measure by the universal nsm of Castoria—it being in almost every

The boy who has no skates cuts no

Rice's Goose Grease Will absolutely cure CROUP, COUGHS AND COLDS quicker than anything known.

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The Best Prescription For Chilis and Fever is a bottle of GROVE'S TASTALESS CHILL TONIC. It is simple iron and quinine in a tasteless form. No cure, no pay. Price 25c.

A wedding morn should have no mourning.

Senators and Congress are now using Goose Grease for sore throa: noarseness and colds; it cures when all clse fail. The wise use Goose Grease for man or beast, every bottle guarant'd

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Take LAYATIVE BROMO QUININE TABLES.
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To Do Away With Labor Strikes.

Thomas M. Costello, a member of the New York general assembly, has prepared and will introduce a bill which he hopes will do away with labor strikes should it pass. The bill is modelled on the New Zealand law. Briefly, it provides for a permanent court of arbitration consisting of three members and awards are to be compulsory. One member is to be chosen by the labor organizations and one by the employers, the two to select a third. This method has worked with marked success in New Zealand, no strike having taken place there in five years.

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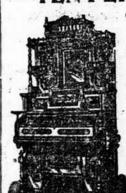
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