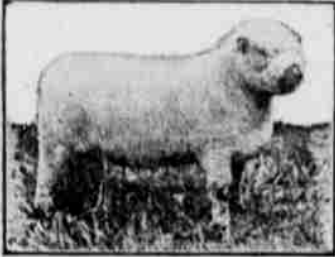


NOVEMBER LAMBS AT WEANING TIME.

As a rule, a healthy full mouthed ewe experiences little trouble in lambing, but there will be exceptions, writes J. Pickering Ross in Farm and Fireside. Their actual labor often extends over several hours, but no anxiety need be felt until signs of exhaustion are evident; then, and not until then, manual help should be offered.

When a ewe has been delivered of a lamb which soon gets on his legs to reach for the teat and is successful in his efforts, all that is needed is to see that the udder and teats are clean (if not, they should be bathed with fairly hot water) and a little of the milk drawn off to make sure that the flow is natural. If, however, the lamb fails to get on its legs it must be helped up and assisted to suck. If it is unable to do so it must be fed from a bottle with a rubber nipple or from a teaspoon. It's mother's milk is best. If it should turn out that from some trouble with the udder or the teats or from some other cause she is unable to supply it, milk must be drawn from a ewe that has more than her own lamb needs and be fed as above. The ewe must then be seen to, and if in a day or two she is still without a full supply of milk a foster mother, one which has lost her lamb or which has more than her own lamb needs, must be found and made to adopt this one. This is easily done if she is held a few times until she is used to the lamb.

Ewe's milk is always best, but if it is absolutely necessary that from a fresh cow warmed a little may be used. At the start a spoonful every half hour should be given, gradually increasing the quantity and lengthening the periods between feeding. This



Oxford Down sheep are widely distributed in this country and Canada. They are the largest and heaviest of the Down breeds.

will do until a good foster mother is found or until the mother ewe begins to let down milk freely.

Young lambs are very liable to get chilled. When this occurs a bath of water as hot as the hand will bear it should be given at once, succeeded by a thorough drying and hand rubbing. Some warm milk with a little spirits should be given and the lamb wrapped up in an old blanket and laid in front of the fire in the hut.

Constipation is also a common trouble with young lambs. The best remedy for this is injections with a syringe of warm milk or warm water gruel.

THE VALUABLE HOG.

Relation of Pork Production to the Farm Economy.

Hogs by nature are designed especially for the consumption of concentrated feeds, such as grain. Of late years more roughage in the form of pasture has been utilized. This, however, is only one of several important factors. The hog must have the principal part to do with the marketing of the concentrated foodstuffs and by-products, such as milk and wastes from the farm. Where milk is produced in large quantities hogs are almost essential, except in unusual conditions.

Where much corn is grown hogs fit in well. In fact, the hog is a valuable adjunct in the disposition of all the grains and waste byproducts. However, it must be remembered that hogs grown in large numbers are not proportionately so profitable as when a smaller number are grown. Many people have made the mistake of getting overenthusiastic as to the profits to be realized in pork production and have attempted far more than they could efficiently manage, with the result that prospective profits were absorbed in expenses and losses. Here, as elsewhere, success depends on good judgment.

Remedy For Scratches.

Neglecting to perfectly dry the skin of the horse's legs after washing or when wet from rain or snow and allowing horse to stand in cold drafts at such times tends to induce scratches. Never wash the legs from November to May. Keep them dry. At time of trouble poultice the parts with warm flaxseed meal for a few days; then apply freely twice a day an ointment composed of one dram spirits of camphor, one dram compound tincture of benzoin and two drams flowers of sulphur per ounce of lanolin or lard. In old cases when all treatments fail blistering thoroughly with cerate of cantharides often proves effective.

Constipation in Hogs.

All thrift in hogs ceases when constipation is present. Indeed, it may lead to diarrhea because of the dry and inflamed condition of the lining of the intestines. As treatment withhold all dry foods, give plenty of drinking water and a sloppy diet. Sometimes exercise is needed and a dose of castor oil.

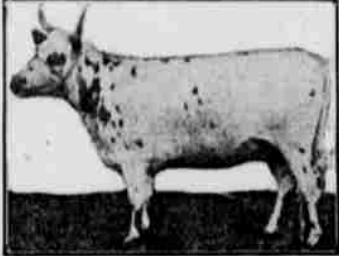
STRONG POINTS OF AYRSHIRE CATTLE.

The Ayrshire, while the youngest of the four great dairy breeds, occupies a position pre-eminently unique in that she is the dairy rustler and fills that position greatly to her credit. Her ability to occupy this position results first from her origin. Springing from the native white cattle of Scotland, she has been improved by judicious crossing and careful selection, but always compelled to endure the most rigorous exposure and to obtain her food as best she could. This exposure through long generations has developed in the Ayrshire cow the necessary strength of constitution to enable her to take up her abode in any climate and under the most adverse food conditions and still maintain her position as the profitable dairy cow, giving the largest return possible for the food supply.

The second reason why the Ayrshire cow may well be designated the dairy rustler is her physical formation and mental characteristics. She is of medium size, weighing about 1,000 pounds at maturity, with the perfect dairy conformation of a clean, bony head, strong jaws, broad muzzle, large, full eyes, slim neck, strongly attached to head and shoulders; fine shoulders at the withers, straight back, well arched ribs, giving abundant room for heart and lungs, and a large receptacle for roughage.

It is perhaps these points that show the marked characteristic of the Ayrshire cow as a dairy rustler. She is quick and active in her movements, has a large mouth and strong jaws, is not at all dainty in her appetite and eats with a relish whatever is easiest and most quickly obtained—good grass, poor grass or browse—and her large stomach is soon filled.

While the Ayrshire has always been kept where the natural food supply is



The Ayrshire breed of dairy cattle is noted for its hardiness and ability to thrive under adverse conditions.

limited and where the chief object in keeping her was to receive profit at the pail above cost of production, she has never until within a few years fallen into the hands of liberal feeders whose pride was to see what was in the Ayrshire cow when fed for a record for milk and butter. The official records in dairy tests have proved her ability to respond to liberal feed. Today there are a number of records of from 12,000 to 15,000 pounds of milk in a year and from 500 to 700 pounds of butter in a year.

The Farmer's Lawyer.
 Ignorance of the law excuses no one.
 Notes bear interest only when so stated.
 Contracts made on Sunday cannot be enforced.
 An agreement without consideration of value is void.
 Principals are responsible for the acts of their agents.
 If a note is lost or stolen it does not release the maker. He must pay it if the consideration for which it was given and the amount can be proved.
 A note obtained by fraud or from a person in a state of intoxication cannot be collected.
 It is a fraud to conceal a fraud.
 Signatures made with a lead pencil are good in law. The acts of one partner bind the rest.
 The maker of an "accommodation" bill or note (one for which he had received no consideration, having lent his name or credit for the benefit of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

Liberal Feeding Pays.
 It never pays to "rough" stock through the winter. The best beef that can be put on any animal is the baby beef. It has been thought by many farmers that it is a matter of economy to rough animals through the winter and then fit them with the aid of pasture in the spring. This, however, simply serves to set them back and has never been found to pay. This same statement would apply to hogs equally well. If there is not enough feed on the place to carry the hogs through and fit them quickly and if prices do not seem to warrant the purchase of feed, then it is much better to market them at once rather than stunt them by short feed in the winter. A stunted animal never made anybody money.

Grain For the Colt.
 A fair allowance of grain for the colt measured in oats is as follows: Up to one year of age, two to three pounds; one to two years of age, four to five pounds; two to three years of age, seven to eight pounds.

YERBA MATE TEA.

Favorite Beverage of the People of Paraguay.

Yerba mate or Paraguay tea is the daily household beverage of the masses of Paraguay, and it is consumed to a great extent also in Brazil and Argentina. It has been introduced into Europe, where its use is increasing.

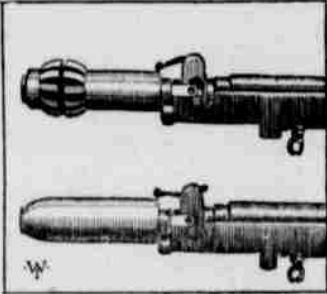
The tea is the product of a plant belonging to the species Ilex of the family of Iacaceae, related to the Ilex aquifolium, an evergreen shrub or small tree well known in western Europe. The leaves of this plant are carefully toasted near the place where they are gathered, all the skill required in producing the tea being applied in the process of toasting. This is necessary in order to dry the leaves thoroughly and evenly without scorching or affecting their flavor by smoke. After toasting the leaves are sent to the mill, where they are ground to fine powder and packed solidly into bags for market. There is no sorting, grading, cleaning, nor are any means taken to rid the product of impurities or foreign matter.

The tea is prepared for drinking in the same manner as ordinary tea and may be taken with sugar, cream, lemon or brandy. The universal custom of drinking it is by sucking it through bombillas from mate cups. A bombilla is a tube, which may be of the simplicity of a mere pipistem or an elaborately decorated silver or silver mounted work of art. Mate cups vary in style from a simple little gourd to interesting specimens of local craftsmanship in silver. It is the custom to use a single mate cup, with its one bombilla, for an entire household, including all the visitors who may happen to be present, among whom it is passed like a pipe of peace. To refuse to partake would be a breach of etiquette. The tea is said to be disagreeable at first, but it is readily adopted as a habit when the taste is once acquired.—Consular Report.

Deadly War Missiles.

Two deadly missiles for use with the new British short service rifle are shown herewith. They are the shrapnel grenade, which is fixed to this rifle more easily than a bayonet, and the rifle shell, which can be sent a quarter of a mile carrying an explosive charge.

The shrapnel grenade (shown in the top picture) weighs 1 pound 6½ ounces. It is more easily fixed to the rifle than is a bayonet. A pull of forty pounds is necessary to release the grip of the



SHRAPNEL GRENADE AND RIFLE SHELL.

grenade, so it cannot fall away from the rifle. The rifle shell (shown in the lower picture) weighs 1 pound 10½ ounces and, except for its shape, resembles the shrapnel grenade. Either projectile can be fired from fifty yards to a quarter of a mile, the distance being regulated by the elevation of the rifle, and either can be thrown by hand for close quarter fighting. From the top of the projectile to the end of the portion of rifle shown is twelve inches.

In a recent test by the British war office with the rifle shell the force of the explosion drove the pieces through five inches of deal board. On another occasion the explosion of a rifle shell lifted a half ton iron plate placed over the pit a foot in the air. The explosive charge weighs four ounces.

English Slag Paving Blocks.

Scoria bricks, or slag paving blocks, have been manufactured in the Middlesbrough district of England for many years. They are manufactured from molten slag from the blast furnaces. The slag is drawn from the furnace into iron caldrons lined with fire brick. These are mounted on bogies for transmission to the brick plant. The slag is poured from these caldrons into iron molds. These molds are made with a hinged bottom and are mounted on the circumference of a circular iron framework. This revolves and allows the molds to be filled separately. As the bricks solidify they are removed and placed in a beehive oven, where the residual heat anneals the whole of the brick.

Fast Time on the Rail.

A new type of locomotive used by the Pennsylvania railroad, designed to reduce running time of express trains between Camden and Atlantic City to fifty minutes, recently covered four and one-half miles in two and one-half minutes between Egg Harbor and Absecon, a rate of 108 miles an hour. The train it hauled was made up of twelve heavy steel cars. The new engine appears to be bearing out the claims of traffic managers that the fifty-seven miles from Camden to the shore can be made in fifty minutes instead of fifty-six minutes in perfect safety.

Huge Russian Forests.

Four adjoining governments of European Russia, of a combined area about seventeen times the size of the state of Ohio, are almost completely covered with timber, the greatest portion of which never has been explored by civilized man.

Huntington & Wilson Attorneys

Of The Dalles, have opened offices in Portland, Oregon, Rooms 805-807 Lewis Building.

Business sent to them from Crook County through their office in The Dalles or direct to their Portland address will receive prompt attention. Portland Phone, Main 798.

I. O. O. F. LODGE meets every Saturday night. Strangers welcome. H. V. Constable, N. G.; Wild Barnes, V. G.; H. L. Hobbs, Sec.; and C. R. Dinwiddie, Treas.

D. H. PEOPLES

Civil and Irrigation Engineer.
 Irrigation, Subdivision, Land Surveying, Mapping, Estimating.
 Office next door to Lyric Therter

G. H. Brewster, C. E. R. L. Brewster
 City Engineer
 Prineville, Or.

Brewster Engineering Co., Prineville, Oregon.

Surveying, Mapping, Estimates.
 Phone, Pioneer 234.

**HARNESS and
SADDLERY
SHOP**

H. D. STILL
 Prineville, Oregon

C. R. Henry
 Resident Locator of
HOMESTEADS
 In Southern Crook Co.
 Address : : Paulina, Oregon

The Oregon Bar
 At the Old Stand
G. W. Wiley & Co., Prps
 All kinds of Choice Liquors
 Wines and Cigars.
 Famous Ranier Beer in
 Bottles and on Draft.

Stewart's Hall
 Cor. 2nd and C Sts.
 Now Ready for Occupancy
 by the different lodges.

Give us your order for
CORDWOOD
 Juniper or Pine, large or
 small quantities.
DILLON'S YARD
 Opposite Post Office.

HOTEL OREGON

Newly Furnished
 And Remodeled
 Throughout
 SANITARY PLUMBING
 Rooms
 European Plan
 Grill in Connection
 Now Open for Business
 The Best of Everything
 at Popular Prices
 Quick Service
 White Help Only
 We Invite Inspection and Solicit
 Your Patronage

TONIGHT
 At the Old Stand
G. W. Wiley & Co., Prps
 All kinds of Choice Liquors
 Wines and Cigars.
 Famous Ranier Beer in
 Bottles and on Draft.
**“Among The
Breakers”**
 Commercial Club Hall