## DISINFECTING THE DAIRY COW BARN

It is always good practice where a contagious disease of any kind has gained access to the herd to disinfect the entire stable. In fact, this is often Imperative if it is desired to stamp out the disease. Disinfection is absolutely necessary where tuberculosis has gained access to the herd. Bulletin 123 of the Pennsylvania State College of Agriculture, recently published, gives a plan for disinfecting the stables which is valuable for this as well as for some other diseases:

First.-Remove all manure, litter, loose dirt, loose, rotten boards and scrape the floor clean.

Second.-Sweep the cellings and walls free from cobwebs, dust and dirt. Third.-Wash the feed boxes, mangers, stanchions and partitions with hot water containing enough lye or washing powder to cut the dirt. Scrub all these objects vigorously with a stiff

Fourth.-Spray the walls, cellings and floors with bichloride of mercury



It is largely a waste of time and labor to enjarge on the qualities of the Holstein cow as a milk producer. In the resulm of milk makers she has no equal where quantity for feed consumed is considered. As a butter producer, too, the Holstein holds the record, although it is contended, and with forceful arguments, that she does not produce butter fat so economically as the Jersey, Ayrshire or Guernsey. But as a prolife producer of milk the Holstein cow takes off her blanket to no other breed. The illustration pictures a The illustration pictures a Holstein cow not at all famous, but one that has given in one year 18,-187 pounds of milk containing 606.6 pounds of butter fat.

solution (one one-thousandth) or a 5 per cent carbolic acid solution (not

Fifth.-Flush the floor with a saturated solution of iron sulphate or s solution of chloride of lime (one pound to three gallons of water).

Sixth.-Spray interior of feed boxes, mangers, stanchlons and partitions with the 5 per cent solution of carbolic acid. This is done for the reason that there is danger of poisoning the animais if the bichloride of mercury is used for spray upon those structures which the animals can lick with their tongues. The carbolic acid is absolutely harmless if used in a 5 per cent solu-

Seventh.-A whitewash applied to walls, ceilings and partitions will add to the cleanliness of the stable.

To make a 5 per cent solution of carbolic acid use one part by weight of pure carbolic acid to twenty parts of water. Add the carbolic acid to a gal-Ion of moderately warm water, stir vigorously; then add enough more warm water to make the desired amount. The solution can be applied with spray pumps, sprinkling cans or with a brush

In the mixing and application of bichloride of mercury it must be remembered that this disinfectant is extremely poisonous when taken internally not only to cattle, but also to man. buckets, tubs, spray pumps and sprinkling cans which have been used in applying the solution should be thoroughly scrubbed with soap and rinsed with clean water before using for any other purpose. Bichloride of mercury will corrode metal, so that it is well to use wooden utensils. The mercury solution must be used with caution about the feed boxes, mangers and stanchions for fear of the cattle contracting mercuric poisoning by licking these objects. For this reason it is advisable to use the carbolic acid on the feed boxes and mangers and the bichloride of mercury for the walls and ceilings.

Ointment For Scratches A very useful and simple cintment for scratches is made by mixing together two ounces of sulphur, two teaspoonfuls each of spirits of camphor and compound tincture of benzoin and four ounces of lard, says A. S. Alexander, M. D. C. Apply this two or three times a day to heels affected with scratches. If the affected parts have long been involved and are cracked so that they bleed when the animal is worked poultice the parts for two or three days with hot flaxseed meal, changing the poultices night and morning. Mix a little bran in each poultice, as that will prevent the flaxseed meal from sticking to the skin as it dries. On discontinuing the poultices use the scratches ointment, and if that does not suffice cleanse the parts. dry them thoroughly and blister lightly with cerate of cantharides. This treatment removes the old, scaly, diseased surface skin, and the new, underlying skin does not crack and may be kept sound by use of the clutment until it is seen to be perfectly free from abnormal conditions.

Money In Milk.

There is much money in milk-for the middlemen who specialize in it. In proof of this, note the prosperity of makers of condensed milk and of dealers in butter and milk. The farmer needs to get a firmer hold of the milk pall Farm Journal.

#### \*\*\*\*\*\* DAIRY WISDOM.

Be sure the calves have a warm and sumpy corner in the barn for the winter. No young thing grows well in the dark,

Feed a layer from the top of the silo every day to prevent waste.

Don't attempt to cut out sections of the ensilage, for it will spoil for several inches on all exposed sides. For the milking herd clover or

alfalfa hay and wheat bran and ollment with ensilage will make a most satisfactory and economtest ration. Get a thoroughbred butter bred bull calf now, if you have

none, and grow him well to be-

gin to improve your dairy berd next year. With a good dairy sire and a careful selection of helfer calves from the best cows a man of moderate means can in a few years own a herd that will com-

favorably in production

### SHEDS FOR SHEEP.

\*\*\*\*\*\*

with herds of pure blood,

Buildings Should Be Made With Wide Doors to Prevent Crowding.

Many ewe lambs are lost in the win ter through crowding in yards and pens. It is natural for sheep to crowd together, and they therefore require plenty of room, writes a correspondent of the Iowa Homestead. They also need to be kept in small apartments set off from the main sheds so that one band cannot trespass on the place of any other.

I believe that fifty are enough to be kept in one shed, and if this shed is twice as long as wide and has a door at one end and all doors at the side opposite the feed racks everything in the shed will be most convenient, entrance as well as exit being conventent and safe. Pregnant ewes should be kept in pens or sheds like these.

Sheds should be made outside of convenient yards, forming one side of the yard. The front of the sheds inside the yards should be all doors, and these should not open in the usual way, but be made to slide on rollers, by which they are hung to the front of



business than to go into it, and the question with most farmers should be, "How can I rules better lambs and more desirable wool per head from the flock that I now have?" from the flock that I now have? This can be done by using pure bred rams of certain well known breeds. Most writers advocate raising "full bloods" and are opposed to crossbreeding, but that is not always practical for the average farmer. The illustration shows a pure bred Ryeland ram.

the building. Sheds of this sort completely prevent accidents which otherwise would be happening continually through the crowding of the sheep go ing in or out of the sheds. It will rarely be necessary to move these doors, as they may be open all the time with convenience. There may, however, be stormy weather at times; then the sheep, the lambs especially, may need protection, when the doors may be closed. Handles should be put on the doors with which to move them.

The rule should always be in all respects in the management of sheep that all accidents should be provided against, and then there will be no losses to be regretted when it is too

Keep the Mature Sows. The way some farmers have of selling all their large, mature sows and keeping young things that have not developed from which to raise pigs is a woeful error that brings disaster to many an otherwise successful breeder. Look to it that the mature sows which show large litters and prove themselves to be careful mothers, with full udders, are kept to repeat their good performance. Breeding gilts, picked each year from the litters of well matured sows, become stronger with succeeding generations and are increasingly able to farrow and bring up large litters of thrifty pigs.

Quality In Steers. Quality in a beef animal is indicated by the following points: Fine, soft hair; loose, pliable skin of medium thickness; dense, clean bone of me dium size. The possession of quality does not always mean that the steer has better feeding ability, although it has a marked effect upon the value of the steer after being fattened. Exceptionally vigorous, rough, coarse steers often fatten more quickly than steers that have quality, but are delicate and dainty eaters. For the reasons above mentioned the steer with good quality usually proves the more profitable .-W. B. Richards.

#### SIRES AND SONS.

Nat Goodwin talks of devoting his attention exclusively to his cafe business in Los Angeles.

John T. Janssen has completed twenty-five years of service as chief of police of Milwaukee.

William Moeller, who joined the Denver police force recently, stands six feet seven inches and weighs 204 pounds. Archie Roosevelt, the third son of

Theodore Roosevelt, has entered Harvard as a fresi man. He is a candidate for a place on the 1917 football tenm. Four brothers named Max, Herbert,

Berthold and Richard Klingenstein attended a family gathering at Biel, Switzerland, wearing the French, German, Italian and Swiss uniforms having enlisted in the armies of the four respective nations. An unusually virile old gentleman is

Dr. Andrew D. White, first president of Cornell university and former ambassador to Germany and Russia, who recently observed his eighty-first birthday at his home on East avenue, the Cornell campus. Dr. White is in splendid health and may be seen almost any day walking briskly on the campus as well as downtown.

#### Education Notes.

Twelve American universities have endowment funds of over \$5,000,000. Kauai, Hawaiian Islands, has twenty-seven open air schoolrooms in regular use

How to bind dilapidated textbooks so that they look almost as good as new is taught in manual training es at Hampton institute, Hampton, Va.

A "social service bulletin" is published by the Washington public library for the purpose of making known to social workers the latest information in their field.

There were five schools and 150 puptis in the Brooklyn kindergartens organized by Superintendent William H. Maxwell fifteen years ago; now there are 40,000 children in the kindergartens of Greater New York.

#### The Writers.

Hugh Walpole, the novelist, is directly descended from Sir Robert Walpole.

Gustav Frenssen, whose fiftieth birthday has just been celebrated in literary circles in Germany, can claim to be the most widely read author in the kaiser's dominions.

Rabindranath Tagore, to whom the Nobel prize for literature has been awarded this year, is a Hindu, the first of his race so honored. He was born in 1860 in the province of Bengal and has long been known as "India's greatest living poet." He is a member of a wealthy family highly distinguished in literature and the arts. Last summer he visited this country.

### Town Topics.

Why do the beggars from other cities make Pittsburgh their headquar-ters? Residents of Pittsburgh should not put themselves in the position of "easy marks,"-Pittsburgh Post.

It is an excellent idea to mark the place in New York city where Adrian Block and his Dutch sailers built a

from the statements of her jealous rivals will be surprised to learn that a water famine could cause suffering in that city.-Chicago Record-Herald.

### Facts From France.

France has 2,000,000 childless homes. The town of Montreaux les Mines complains that it has a birth rate of only one per 1,000.

In France there is an enormous demand for nicotine because it has been found particularly efficacious as an insecticide and is much used in spraying grape vines and fruit trees.

In France over 1,000,000 persons keep cafes or saloon bars. There are 900,000 wine growers and 12,000 aniseed distillers and brewers. About one in every fifteen Frenchmen is connected in some way with the liquor trade.

### Short Stories.

Goods are weighed in Switzerland with glass weights.

The first discovery of diamonds in

South Africa occurred in 1867. Our national debt is \$1,027,000,000. If we swore off tobacco for one year we'd have enough to pay it.

There are more than 200 species of insects that infest books and destroy them if not exterminated in time.

Alaska's latest gold field is the Chisana district, from eight to twelve miles from the river of that name and about fifteen square miles in extent.

### Automobile Runs.

It is better to walk free of debt than to ride in an automobile a debtor .-Albany Journal.

New York seems to have discovered that it is wrong to kill people, even when you use an automobile as the weapon.-Charleston News and Courier.

An effort is being made to cut out the "muffler cutout" from the newer automobiles. But without it how is a chauffeur to wake up a peaceful neighborhood and make nervous people leap in the air?-Cleveland Plain Dealer.

### Notice of Contest

Department of the Interior. U. S. Land Office, The Dalles, Ore. January 24, 1914. To Mary E. Anderson, of Hampton,

Oregon, contestee: You are hereby notified that Mary You are hereby notified that Mary A. Morgan, who gives Barnes, Ore., as her post office address, did on January 24, 1914, file in this office her duly corroborated application to contest and secure the cancellation of your homestead serial No. 09783 made December 21, 1911, for nwi nei, section 28, at set, nwi set, section 21. section 23, si sei, nwi sei, section 21, township 18 s, range 21 e, Willamette Meridian, and as grounds for her contest she alleges that said entry-woman has v holly abandoned said and for more than

woman has a holly abandoned said land for more than six months last past; that she has wholly falled to cultivate and improve said land for more than six months last past.

You are, therefore, further notified that the said allegations will be taken as confessed, and your said entry will be canceled without further right to be board, either before this office or more and woman. fore this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath specifically responding to these alle-gations of contest, together with due proof that you have served a copy of your answer on the sald con-testant either in person or by registered mail.

You should state in your answer the name of the post office to which you desire future notices to be sent to you.

H. FRANK WOODCOCK, Date of first publication, Feb. 5, 1914

second 12, 1914
third 13, 1914 " 26, 1914 fourth

Notice of Guardian's Sale of Real

Property. In the county court of the State of Ore-

gon, for Wasco County. In the matter of the Guardianship of Waiter Francis Ryan and Anna Catherine Ryan, Minors.

Notice is hereby given that under and y virtue of an order of the county court of the State of Oregon for Wasco County, authorizing and directing me as the guardian of the above named minors to sell all the interests of said reliance in and to the real property hereinafter described, I will, from and after the 14th day of February, 1914, sell at private sale and for cash in hand or upon such security as may be ap-proved by this court, all the right, title and interests of the said minors, Walter Francis Ryan and Anna Catherine Ryan, in and to all the following de-

Ryan, in and to all the following described real property, to-wit:

The \$\frac{1}{2}\$ of nw\frac{1}{2}\$ of sec. 4; w\frac{1}{2}\$ of nw\frac{1}{2}\$, w\frac{1}{2}\$ of sec. 14; e\frac{1}{2}\$ of nw\frac{1}{2}\$, e\frac{1}{2}\$ of nw\frac{1}{2}\$, e\frac{1}{2}\$ of nw\frac{1}{2}\$, e\frac{1}{2}\$ of nw\frac{1}{2}\$, of sec. 14; nw\frac{1}{2}\$ of nw\frac{1}{2}\$, of sec. 14; nw\frac{1}{2}\$ of nw\frac{1}{2}\$, n\frac{1}{2}\$ of sec. 23; sw\frac{1}{2}\$ of sec. 3; se\frac{1}{2}\$ of sec. 23; n\frac{1}{2}\$ of ne\frac{1}{2}\$, n\frac{1}{2}\$ of sec. 5; e\frac{1}{2}\$ of sec. 26; sw\frac{1}{2}\$ of ne\frac{1}{2}\$, n\frac{1}{2}\$ of ne\frac{1}{2}\$. east, W. M., in Crook County, Oregon; and also the following described real property, to-wit: The n of nw , sw of nw , sw of nw , of sec. 12, in tp, 8, s. of r. 16 east, W. M., in Wasco County, Oregon; Each of said minors has a one-eighth (%) interest in and to all the real property above described, and bids for each interests of said minors will be re-

said interests of said minors will be received by me at my residence in The Dalles, Wasco County, Oregon. Dated this 6th day of January, 1914. Walter Hill, Guardian.

1-15 2-12

Citation.

In the County Court of the State of Oregon for the County of Crook. In the matter of the estate of John H. Jarrett, deceased.

To Ada E. Jarrett, James J. Jarrett, ship in 1613 to replace the burned Tiger—even if we do not know where it was.—New York World.

Cincinnati has been suffering owing to a water famine, People who have formed their opinions of Cincinnati formed their opinions of Cincinnati who may have an interest in the following described real property belonging to the following described real property belong t ing described real property belonging to said estate, greeting. In the name of the state of Oregon,

you are hereby cited and required to of Oregon, for the county of the state of Oregon, for the county of Crook, at the county of Crook, at the county of Crook, on Monday, the 6th day of April, 1914, at 10 o'clock in the forenoon of that day, then and there to show cause, if any exist, why an or-der should not be made for the sale of the following described real property, belonging to the above named estate, to-wit:

Lots three (3) and four (4) and the south half (36) of the nortwest quarter (34) of section five (5), in township fourteen (14) south, range nineteen (19) east of Willamette Meridian, containing 153 84 153.84 acres according to the official plat and United States Survey thereof and lying and situate in Crook county.

Oregon. Witness, the Hon. G. Springer, judge of the county court of the state of Ore-gon for the county of Crook, with the

Feoruary, A. D. 1914.

Attest: Warren Brown, Clerk,
By Asa W. Battles Deputy Clerk,
Williard H. Wirtz,
Attorney for Estate

Attorney for Estate.

Date of first publication, Feb. 5, 1914

Date of final publication. Mar. 5, 1914.

Notice for Publication-Isolated Tract Public Land Sale Department of the Interior, U. S. Land Office at The Dalles, Ore.

U. S. Land Office at The Dalles, Ore.

December 15th, 1913.

Notice is hereby given that, as directed by the Commissioner of the General Land Office, under provisions of Act of Congress approved June 27, 1906 (34 Stats., 517), pursuant to the application of Orville I. Davison, Serial No. 010459, we will offer at public sale, to the highest bidder, but at not less than \$2 per acre, at 9:30 o'clock a. m., on the 28th day of February, 1914, at this office, the following tract of land: S\(^1\_4\) NW\(^1\_4\), N\(^1\_4\) SW\(^1\_4\), section 9, township 19 south, range 20 cast Willamette Meridian. "This tract is ordered into market

on a showing that the greater portion thereof is mountainous or too rough for cultivation. Any persons claiming adversely the above-described land are advised to file

their claims or objections on or before the time designated for sale. 1-22-p H. Frank Woodcock,

"This tract is ordered into market

Professional Cards.

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> N. G. WALLACE Attorney-at-Law

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at the north front door of the courthouse in Prineville in said county, at
10 o'clock in the forenoon of said day,
sell at public auction to the highest
bidder, for cash, the following described
property, to-wit: Northeast one quarter
of the southwest one quarter, and the
west half of the southeast one quarter
of section (8) and the northwest one
quarter of the northeast one quarter of
section (17) in township No. 11 south
of range No. 19 east of the Willamette
Meridian in the county of Crook, state
of Oregon, containing one hundred J. B. Bell A. W. Sims Crook County Abstract Co. Meridian in the county of Crook, state of Oregon, containing one hundred sixty acres of land.

Taken and levied upon as the property of the said George N. Eckler and will sell the same or as much thereof as may be necessary to satisfy the said judgment in favor of George W. Watt against said George N. Eckler with interest thereon, together with all costs and disbursements that have or may

Prof. A. W. Grater,

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and disbursements that have or may

By W. E. Van Allen, deputy.

9th, 1914.

Dated at Prineville, Oregon, January

You need the Journal, \$1.50 a year

FRANK ELKINS, Sheriff.

Notice of Sheriff's Sale.

By virtue of an execution in foreclosure duly issued by the clerk of the
circuit court of the county of Crook,
state of Oregon, dated the 9th day of
January, 1914, in a certain action in the
circuit court for said county and state,
wherein George W. Watt as plaintiff,
recovered judgment against George N.
Eckler for the sum of Eight Hundred
Dollars and costs and disbursements
taxed at One Hundred Seventy and
fifty hundredths dollars, on the 6th day

fifty hundredths dollars, on the 6th day

Notice is hereby given that I will on

14th day of February, 1914.

ptember, 1913.

Finest Brands of Wines, Liquors and Cigars.

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