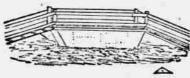
# DIPPING THE WOOL GROWERS.

No matter how engeful he may be in the matter of giving his flock good water and olyna quarters, the owner of a sheepherd is obliged to do more or less dipping. This is a task that in-volves much hard labor when followed along crupe lines. But there is an easy way to dip sheep-a way that takes all the hard work from the shoulders of the berder, writes Dennis II, Stovall in the Farm Press. This method is that of letting or making the sheep dip themselves. The prime requisites or necessities for this method are a corral and dipping tank. The corral is an easy thing to construct, but the tank must be built by a plumber.

The accompanying illustration gives a rough idea of the manner in which



CONVENIENT DIPPING TANK.

such a tank is constructed. It should be ten or twelve feet long on top and eight feet long on the bottom, with a height of at least five feet. Galvanized iron, tightly riveted, is the best material for such a tank, with an upper border of 4 by 6 scantling to hold it firm. The tank should have a width of two feet and should be buried about one-half in the ground. It can be buried deeper, with the top on a level with the ground, but this is not necessary. Then fill the tank almost full of dipping solution, and when the corral is built it is ready for dipping the sheep.

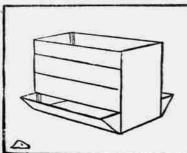
A corralled gangway should lead up to one end and down at the other, with a ladder or cleated plank at the farther end of the tank on which the sheep can get a footing to scramble out. . The idea, as shown, is to drive the sheep up the narrow corral, and force them, one by one, into the tank. They leap in to swim across, and in doing so get the full benefit of the solution, scrambling out and making their escape down the opposite side into an open corral prepared for them,

We have used this type of dipping tank for several years and find it most convenient, not only for dipping sheep, but also goats and hogs. It is an easy way to rid hogs of fleas. We have found that flea ridden hogs will fatten much quicker and attain a bigger growth than those that are allowed to have the pests. Hogs are more stubborn and object strenuously to the swim across the tank, but will take it when they find they have no alterna-

A good dipping solution is made of a strong decoction of water and tobacco. For this purpose we buy tobacco stems from cigar factories. The stems are boiled and the thick fluid and stems mixed with the water in the To this we add lye soap and considerable sulphur, also a small quantity of blue vitriol. A number of good dips are on the market and can be bought at most any drug store, but we have found this homemade remedy the best, as it seems to kill the scab much more readily than the manufactured solutions. In the matter of manufactured dips. It is well for the buver to make inquiry concerning their composition, for there are some of these that are positively harmful, not only because of their poisonous quality, but also because of their tendency to injure the wool. Particularly is this true of solutions containing acids. I do not wish to be misunderstood in this regard, however, as there are some patented preparations that are both safe and efficient.

A Breeder's Invention.

A Minnesota breeder claims that his hayrack for sheep, like the one shown in the illustration, prevents them from rubbling the wool off their necks and



HAYBACK FOR SHEEP.

saves considerable hay in a year, as they cannot pull it down and muss it

Make the frame out of 2 by 6's, says Farm and Home. For the end pieces at the bottom saw 2 by 6's diagonally. The rack should be thirty inches high above the crosspieces and two feet There should be a brace frame every four feet. If the sheep are to feed only on one side, make the rack eighteen inches high.

# Feeding Lambs and Rams.

It has been proved by experiment that it pays to feed lambs grain from birth whether they are to be sold at tened in winter and sold in spring, but that after weaning it does not pay to feed them more than one-half pound of grain per head per day until the fattening period begins in fall or winter Feed your rams liberally, but don't pamper. Feed with the idea of developing the frame as much as possible It is a great mistake to expect pampered rams to give satisfaction on the range, therefore don't pen them up with the idea of "fooling" your cus tomer, as such a course will invariably preve a boomerang to you.-American Sheep Breeder.

#### FOR GOOD CREAM.

the First Requisite.

Cleanliness is the first requisite in good cream. To have clean cream your keep your cow barns and sheds free gloss. It is perhaps asking too much of the average dairyman to say But just before milking each ow rub her sides, stomach and udder with a damp cloth. Milk with clean ands and never wet the teats with Don't smoke while milking, put in stone jars and the jars covered. Any strong odor taints milk, especially when it is warm.

Your stables must be clean, your engrator and separator house must be doubly so. Never store anything in the milk and cream. Have the house insect proof and create a draft through Separate your milk immediately

se; arated. Never keep milk over from one milking to another, as it has to be cooled and then warmed again before separating, and this deteriorates the quality of the cream. Never mix the hot cream with the cold. Do not mix until both are of the same temperature. Cool your cream after separating to at least 60 degrees. In cool weather, of

course, this is easy.

In the hot months set your cream can in a tub partly full of cold water while separating. After finishing wrap double barley sacks around the can, wet them thoroughly and set in a draft. Pour cold water on the sacks once or twice.

Never cover a cream can with a tight Hd. Use a clean damp cloth or fine screen. Don't keep cream too long. Forty-eight hours is long enough.

Separate a high grade of cream, say 35 to 40 per cent. This keeps better, makes better butter and leaves you more skim milk.

To sum up, says a writer in Kimball's Dairy Farmer, be clean, separate a heavy grade of cream, never mix the warm with the cold, keep your cream cool and well aired, and your creameryman will bless you,

Something that is often neglected in the dairy stable is regular watering. We water horses three times a day whether they are doing anything or not, but the cows are watered only once a day, and sometimes a day is skipped. A cow giving any considerable quantity of milk drinks 75 to 125 pounds of water daily. It is impossible for her to take all that at one time. and it is not possible for her to give the maximum amount of milk unless she has that amount of water, as water constitutes 87 per cent of the milk produced.

# BUTTER AND MILK.

If a tub or jar of butter is to stand down cellar any length of time without sealing, cover the top with a thick layer of salt to keep out the air.

When to Skim. As soon as the least degree of acidity can be detected milk should be skimmed, as the cream will all have been precipitated when that stage is reached. Cream requires frequent stirring if even ripening is to be secured. It should be smooth and velvety and pleasantly (not decidedly) acid to the taste and is then ready for the churn. Much of the success of the buttermaker depends on the proper ripening of the cream.

Working the Butter.

into account in determining how long to work it. Usually the firmer the butter the more working it will stand.

The Covered Milk Pail.

Milk pails are a source of trouble when not properly treated. There are a great many kinds of pails on the market designed to aid the dairyman In his warfare against germs. One of the most improved pails that are used in sanitary dairies is the covered pail having a layer of absorbent cotton between two layers of fine wire gauze, through which the milk must pass before it enters the pail.

The Flavor of Butter. As the flavor of butter depends principally upon the proper ripening of the cream and upon the absence of bacteria the washing of butter in a granular condition with pure water is a matter of far reaching importance, for if this is neglected the butter will contain milk, sugar and bacteria. Chemical action brought about by the latter will hasten decomposition of the but-

Undesirable Odors In Milk.

decayed roots as well as obnoxious weeds will impart to milk undesirable odors and flavors. In order to obtain a milk with a sweet, desirable odor and flavor we must keep obnoxious weeds out of the pastures. We must take care of the animal in such a way that her general physical condition is good. We must feed nothing but clean and fresh food and we must give the animals pure water. Polluted and impure water not only affects the quality of the milk, but may also impair the health of the animal.-Professor Hunsiker.

Working In the Salt. A buttermaker gives this method for salting out of the churn: Remove the which occurred near Strong's spur. A butter when in the granular state, box car jumped the track, doing damage weigh it and place it upon the worker, spread evenly and salt to suit the taste. Sift the salt evenly over the butter pass the worker over it, then run the butter and work again or until the salt is thoroughly worked in. It may then be set away for a few hours. after which it should be given a second working.

Cieculiness In the Dairy and Stables

Preserving Eggs. Eggs should keep quite well for two or three months in a cool dry cellar. They would deteriorate somewhat in that time, but would probably be stale. chws' surroundings must be clean, so not decomposed. Eggs in cold storage are kept in a cold dry air. Dampues: in the storage rooms will affect the pasteboard fillers in the cases and imcarry your cows," though currying part a most disagreeable odor and taste of wet brown cardboard to the eggs. So far as I have seen reports of tests with water glass, says a writer in Farm-Poultry, the eggs have been

Why Keep Mongrels?

If the production of eggs is the most valuable branch of poultry culture, how, asks the Feather, can any one the separator house that will taint who may be engaged even to a greater or less extent in their production be so shortsighted, so foolish, so careless, or so neglectful of their own interests, after milking and keep it warm until as to brush aside the only valuable feature of success, and to hold on to the mongrel product, which scarcely ever pays for its keep?

> How to Make the Molt Easy. Having fowls come through the molt in good condition is wholly a matter of good food and care, backing up (or supporting) the naturally good constitutional strength and vigor. In other words, it is having the birds in first class condition when they go into the molt and then belping them by good food and good care.

> American Varieties the Best, The British Fancier thinks that the American varieties of fowls-the Rocks and Wyandottes-are the best general purpose fowls in existence

#### Resolutions of Condolence.

Whereas, It has pleased the Supreme Ruler of the Universe to remove from our aidst our late neighbor W. O. Trine; and Whereas, It is but just that a fitting recognition of his many virtues should be had;

Resolved, By Marys Peak Camp, No. 126, W. O. W., of Corvallis, Benton County, Oregon, while we bow with humble submission to the will of our Heavenly Father, we do not the less mourn for our Neighbor who has been taken from

Resolved, That in the death of Neighbor Trine this Camp has lost a faithful member, the family a devoted companion and loving father, and the community an upright citizen who was ever ready to tion of the deal there would be 7 proffer the hand of aid and the voice of sympathy to the needy and distressed;

Resolved. That the heart-felt sympa thy of this Camp be extended to his family in their affliction;

Resolved, That these resolutions b spread upon the records of this Camp and a copy thereof transmitted to the be reaved family of our Neighbor and a copy to each of the newspapers of this city.

A. K. Russ, W. L. SHARP, C. A. GOULD.

## Why Fret and Worry

When your child has a severe cold? the Albany Herald as follows: You need not fear pneumonia or other pulmonary diseases. Keep supplied with day evening, which he did not know Ballard's Horehound Syrup—a positive and Bronchitis.

"I have used your wonderful Ballard's rifle entered the youth's right temple tory that in the second year he Horehound Syrup on my children for five and lodged in the brain. At the time was quite successful and now Its results have been wonderful. Sold by Graham & Wortham.

## Additional Locals.

Dan Kelly, who holds the world's he will be sent East to the Jamestown ex- few minutes later." position to compete in the races to be held there. The people of Eugene who have subscribed the money to send Kelly East desire to know that he is in fit shape to go against the fast sprinters of the East and have asked that he give an exhibition race. If Kelly can run the 100 yard dash in 10 seconds flat, unattended and with nothing to spur him on, he will go East. Kelly's backers feel that if the Oregon lad can make the "century" in 10 fist with no competition he will surely be good for nine and four-fifths seconds or less when pitted against fast competitors. Should Kelly run the distance in \$200. Rotten sllage, musty hay and grain, ten seconds he and his trainer. Bill Havward, will start for Jamestown next Monday in order that Kelly may be in the East long enough to become acclimated before the great race which occurs \$170. during the first week in September .-Herald.

Arch Horning was in Corvallis, yesterday, to receive medical attention, having had his foot and ankle badly jammed between two logs while working on a trestle near Philomath, Wednesday aftermoon. While no bones are broken, he will be incapacitated for some time.

The train in from Yaquina was delayed until 3 o'clock yesterday by an accident to the rails that caused much annoyance and delay.

# New Gas and Power Plant.

W. H. Adams, technical representative of the new gas com- W C Belknap to F G Belknap, 45 pany, made us a very pleasant acres near Bellefountain; \$2000.

Il and gave in the following brief outline of the plans of the

empany: Work will commence within three months and the plant will be completed within 12 months, gas to be sold at a price not to excee 175 cents per thousand. It will be the same quality as manufactured in Portland, to be used homes, with the houses neatly for all domestic purposes, and painted, yards nicely arranged, ower purpose will not exceed 50 with the beautiful roses and flowcents per thousand.

The initial plans will cost \$20,000, and it will not require over 90 days from the commencement of the work until gas will he delivered to the customer. It will be an underground system and require from seven to ten miles of main to be completed within one year and will be ex tended as may be required.

The gas will take the place of wood and coal and they claim it will cost less money. It will not require the changing of stoves as you simply fill your stove with brick, attach the gas and sit down to warm, turning on or off the heat as may be required, thus saving all dust and dirt with which you have now to contend under the present system.

The tranchise shall run for 15 years and in case of failure to fulfill the contract for a period of 30 days the council shall have the right to invoke and declare the privilege forfe ted. The council reserves the right at any time after five years to purchase the franchise and the presiding judge of the circuit court shall act as sole arbitrator of the property and after hearing of witnesses the judge shall write judgement for the value of the property and no appeal can be taken from his judgement.

The bond of the company is fixed at \$5000. The meter rental will be 35 cents per month.

They now have a tentative option on the Dr. Farra Water Plant and in case of a consumamiles of main now ready for use, thus you see we are making rapid strides along the line of comfort, health and convenience.

## Dangerous Toy.

Perhaps the strangest playthings that parents can allow their children to have are 22 rifles. Accident after accident occurs from these toys, yet fathers and mothers go blindly on, allowing boys of ten or twelve years to risk-their own lives and endanger the lives of others with these guns. The latest death from this all too-common cause is reported in

"While playing with a 22 rifle yesterwas loaded, Ralph Read, the 12-year old not stand the rain. He succeedcure for Colds, Coughs, Whooping Cough son of Austin Read, residing near ed, however, in placing a few of Knox's Butte, was shot and almost Mrs. Hall of Sioux Falls, S. D., writes: instantly killed. The bullet from the year. They proved so satisfacof the tragedy the boy was standing on the rear porch of the Austin residence. When the bullet struck him he pitched forward falling off the end of the porch. The lad's mother heard the noise of the her son lying face downward with blood pouring from the wound in his temple tile. etc. record for the 100-yard dash, is to be giv- The boy was carried into the house but blocks alone since April 1st and en a most severe test of his ability before failed to regain consciousness and died a

## Real Estate Transfers.

S E Young to Mary R Horton, lot 3 bl. 12 N B & R Avery's addition to Corvallis; \$1.

TK Fawcett to D Whaley, lot 3 bl. 22 Corvallis; \$1250.

T A Coleman to G J Wilhelm, 24 acres near Monroe: \$1. J W Simpson to W P. Tucker, lots 5, 6,

7 and 8 bl. 12, Jobs addition to Corvallis; C W Price to T J Allen, one-half acre in Kings Valley; \$10.

M W Wilkins to M E Irvin, lots 1 and 2 bl. 9 Wilkins addition to Corvallis; Mary A Dinges (executrix) to LF

Wilson, lots I and 2 bl. 9, Wilkin's addition to Corvallis; \$220. The First National Bank of Corvallis to L F Wilson, lots 3, 4, 5 and 6 bl. 9, Wil-

kins addition to Corvallis; \$610. R C. Wills to E W Strong, part'of bl. 5 N B & P Avery's addition to Corvallis; \$10.

Belle W Strong to Samuel Crocker lots 3 and 9 and south 1/2 of lots 4 and 10 bl. 8. Dixon's Second addition to Corvallis: \$2000. United States to Joseph Calwitus,

Patent, 163.88 acres in Alsea. G A Cooper to F Burnap, 80 acres near W ren; \$10. F H Burnap to Charles Uren, lot 146 bl. 40, Brown's addition to Philomath;

\$300.

Happy Homes.

It a man is properly constructed with the milk of human kindness and brotherly love in his heart it is certainly a great source of pleasure to him to step a ound over the neat little city of Corvallis and view the many happy ers of various kinds blooming, see the happy innocent children as land the last of the week. they romp and play and hear the humming of some sweet song by the mother as she goes about her household duties, entirely oblivious to the worry and strife going on about her in the busy world. The greatest blessing ever given to mortal man is a happy home, with a good, true wife in it, where he can go after the worry and annoyances incident to the days' work are over. To be met at the door with a kiss by the happy wite and children drives away all thought of care and anxiety and turns the mind in a different channel. Home is the place where the world is shut out with its cares and distinctions and a deep and everlasting friendship fills the mind with peace and softeas the heart with sympathy toward all mankind. Here he can feel safe to express the secret emotions of his heart without fear of being misunderstood or misrepresented. If misfortune has overtaken him here, in the bosom of his family, he can throw off all restraint and receive the true sympathy, known only to a faithful wife, and consult as to the best method of overcoming the difficulty. He receives new inspiration to brush away the tear and for love for the family he starts again with renewed energy. home abuses it, will, in our opinion, settle in a warmer clime in the next world than ever he found in this, with no delightful sea breeze to cool the air or mountain water to drink, so make the best of your pleasant surroundings while they last for you know not how soon some secret sorrow may rob you of your loved ones.

#### The Concrete Works. Three years ago Mr. Whitney

bought a barrel or two of lime, had a few loads of gravel hauled and as best he could with his limited means made a few concrete blocks and set them up on the sidewalks to dry. He found it mighty dry picking to sell them when he first commenced, for people thought they would them on trial during the first nearly every direction, making He has sold 3000 has orders ahead for 850 more, which will take bim until Nov. 1st to finish. He has used immense quantities of gravel and sand and now has an order out

for 150 loads. The blocks are sold all over the country and it is quite convenient to drop in and get any number you like. It is very handy to the farmer who is contemplating some little building about the place to drop down his corner blocks and go ahead with the building.

When you go by take a look at the pile of manufactured stuff on hand and see what rapid strides the people of Corvallis are making in every direction. Our merchants, now as never before, are making a determined effort not only to draw the trade that properly belongs to them but to prove to our people that they can come to Corvallis and get everything they want by adding new industries of various kinds as fast kota extension completed it will move as the nature of the case will up a peg as it reaches one of the richest justify. To the people of the farming and grazing countries in the country we would say give our merchants encouragement by giving them an even chance at the dollar you have to spend and thus working hand in hand we will show you a clean little city of which we can all be proud. Don't fail to give 'our merchants

your money out of the country and then bid it good bye forever.

#### Philomath Gleanings.

Fearing the Gazette may deem it necessary to sgain propound the query "Who struck Billy Patterson"and "How old was Aan," as was hinted in the issue of the 9th, we will glean a few items from this vicinity.

Mrs. Geo. Fehler, of Portland, who has been visiting at the home of P. H. Feb. lor for several weeks, will return to Port-

Our backelor merchant, Mr. L. W. Hill was one of the jolly excursionists who migrated seaward Sunday. He reports a good time.

Newton Allen and family, from Mill City, visited with relatives and friends at Philomath Sunday.

On Sunday afternoon a special engine was taken over the C. and E. road to escort the excursion train over the Summit. The Misses Caryl and Alice Pimm sre taking the teachers' examination at the county seat this week.

The Rev. Hoy and family, of the christian Catholic church at Portland are visiting at the homes of J. R. Fehler and Don Woodward.

A company of timber cruisers passed through Philomath last Saturday evening westward bound to survey the timber claims on the slope of the coast range. There were about a half dezen vehicles, all loaded, and they stocked up with about \$100 worth of provisions at the burg before hieing for the wilderness.

After the lull of the threshing machines caused by the rain the latter part of the week, their busy hum can now be heard in the vicinity. The weather has been ideal.

W. J. Mulkey paid a flying visit to Corvallis Monday.

Z. H. Davis was seen in the vicinity of Philomath Sunday. Being manager of the Independent local and long distance telephone company necessitates frequent and regular calls at the homes of some of the subscribers.

Miss Faith Keezel departed for a visit with relatives in Kansas last Thursday. The man who, having such a This will be her first glimpse of the land east of the rockies and we preciet that the cyclones and electrical storms will give her a longing for the valley of the beautiful Willamette.

> Prof. Keezel has been retained as principal of the public school at Hammond and will soon resume his work there. Prof. L. B. Baldwin is convassing for

> students for O. A. C. this month. C. F. Loomis' and mother arrived home

last week after a summer of recreation. Otes and Rodell Henkle, from Irrigon, who have been sssisting their father, J. E. Henkle, in the store, went to Newport on Monday to erect a cottage for camping at the sesside. Mrs. Otis Henkle and two children will join them later. They

will return to Irrigon in a few weeks. Mr. and Mrs. Robert Hunter, who have been absent on their "honey-moon," visiting relatives in Douglas county, are expected home the latter part of the week. Mrs. Hunter was formerly Miss Beulah. Henkle and the vacancy of these two popular clerks from Mr. Henkle's stere was filled by Mrs. Hunter's brother, as noted in a previous item.

## It Has Aspirations.

The Minneapolis & St. Louis road aspires to be a transcontinental line. itely known that during the third year, since April the extension was ordered to the Missouri 1st, he has shipped three carloads river it was the intention of the backers of cement and branched out in Hawley, president of the Iowa Central and the St Louis roads is becoming a discharge and rushed to the porch to find concrete blocks, water tanks, strong factor in transcontinental railroad blue blocks, cement curbs, drain politics. He has been made a director of a leading transcontinental system, and is familiar with the railroad situation and the need for more transportation lines as the western country expands. He is back of the Corvallis & Eastern road, which has 142 miles under opera. ation from Yaquina on the coast 142 miles westward to Idanah, Ore., paralleling the Astoria & Columbia River road owned by the Northern Pacific and which extends from the coast along the Columbia river 119 miles to Portland. When the two lines meet the St. Louis will be a transcontinental in fact.

The St. Louis road is just completing an extension from Watertown across five counties in South Dakota to Le Beau on the Missouri river. It taps a remarkably rich territory.

The attitude of investors toward railroad securities, as a result of anti-railroad agitation, will delay the further extension of the road westward, according to railway officials. It is impossible to build roads when money is tight, and

that is the present situation. It is prophesied that when the St. Louis road has reached the coast it will jump suddenly into prominence as a leading factor in transportation circles. Now, it does not figure in Wall street to any great extent. With the South Daworld, and with each successive advance westward it is said [that the revenues of the line will increase and that the system

will soon be on a surplus basis. E. N. Hawley is an unusual factor in railway circles as he is not a railway jobber, but is known as a man who owns the roads which he directs, and therefore is out of the reach of stock jobbers an opportunity to figure on every and the usual contingencies which tend bill of goods before you send to bankrupt system .- Journal.