

## SUCCESS WITH SHEEP.

Learning of the methods which have brought success to other business men has helped many a beginner to improve every opportunity while making his own start in a life's undertaking.

To become a true master of sheep breeding it requires the desire to do it correctly and to persevere for many years in continuation. A solid foundation is the first and greatest of all requirements, so do not start in a hurry, but do it well, says a writer in the Rhesperian's Criterion. A few ewes of undoubted breeding and correct individual merit are more to be desired than a larger number of inferior ones. Books and articles have been written on this subject and have done a great deal of good in scattering practical ideas among fresh minds, but your best way to gather the most reliable and practical information is to visit the best breeder within any ordinary distance by rail. Go and stay a day or so and have a few hours' conversation with the breeder himself, and there you can learn of practical ideas which have given good results, both in feeding and breeding. By personal interview numerous things can be learned which are hard to tell on paper.

No matter whether you are making purchases or not, any large breeder will be only too pleased to have you go through his flock. If you are contemplating the founding of a flock or are a new breeder, you will be greatly profited by a visit to the largest and most reputable breeder within your reach, and if you are an old breeder you would enjoy seeing how others do things. Sometimes I think that breeders miss a great deal by not having their efforts more united. More visits with each other would do them



PRIZE SHEPHERD'S RAM.

closer together, and each would profit by the experience of others. From personal experience I am sure that every such visit adds to your general knowledge of the business. Every visit I have ever made to another flock gives me ideas in breeding and feeding.

Your first few years should be spent in building such a live flock as will produce the very highest class of lambs. The first step is to get a few ewes from the oldest and most reliable breeder you know of, as these are the only ones that will give you uniformly good results, such as you desire. In a couple of years you can tell which ewes are not breeding just as you would wish, and these can be discarded, as well as their lambs, if at all undesirable. The lambs from the better ewes should be kept in the flock as breeders. Soon you have a most excellent breeding flock, and that will be the real foundation of your business. Keep your best young ewes regardless of what price may have been offered you. America needs more steady breeders in the sheep business who desire none but the very highest class stock. The common sort are in enough hands, so when you start make it your sole aim to have a flock superior to as large a per cent of the others as is possible.

The better your sheep are the larger will be the profits. When breeding pure breeds do not huddle down in your little nest and think that everything will come to you. You must get out and meet other good breeders and exchange ideas. The experience of other breeders will assist you in breeding the top notches, and when you have more placed your flock among the leaders of the country there will be great demand for the surplus of your flock. It is a great satisfaction to know that the sheep you sell will be admired and do well in any country to which they go.

The perfect mother latches her brood in some corner and settles down a few feet from them. Never select a young boar with a coarse, lumpy head, as results are

not apt to be satisfactory. One acre of alfalfa in good growth will pasture about fifteen 100 pound shotes receiving a full feed of corn. In selecting a hog never pick out one that has very large bones, big round hind legs, under the impression that the hog is strong and is going to stand up. Simply because a hog has got large bones is no criterion that he will stand up.

Castrate the pigs when they are three or four weeks old. Then they are unusually active and the wound heals quickly and is well before they are weaned, causing no setback in the pig's development.

**Cowpea Hay For Live Stock.** Cowpea hay is very nutritious. It is nearly equal to wheat bran as part of a ration. It is satisfactory for work stock and for beef or milk production, and it gives good results when fed to poultry. The grain is a rich feed, excellent for poultry, but little used for other feeding.

### FEEDING THE CALF.

Neglect in This Direction the Cause of Many Ills.

Many of the ills of calves arise from giving them milk in poor condition. At the creameries the vats are sometimes allowed to get in a very insanitary state. They are not emptied and scalded out with sufficient frequency, and sometimes washings from the utensils are dumped into the vats. In some instances the milk is drawn back and kept for a day or two before it can all be fed. It has time to become acid and otherwise deteriorate and when fed in such a condition does not make a very good food for calves.

The best skim milk that can be obtained for calves is that which has been obtained from new milk run through the separator soon after it has been obtained from the cow, says Professor Thomas Shaw. It is then fresh. It is of proper temperature or nearly so and is in its constituents almost as good as new milk for promoting growth. If the milk in which it is kept are scalded, then the danger from bacterial contamination is obliterated.

The temperature at which milk is fed is a matter of much importance. Cold milk lowers the temperature of the stomach and through it the temperature of the body. Though no further harm should be done, the lowering of the temperature of the body means more food, as before any gain can result the temperature must become normal, and this means that it is made so at the expense of food. Milk from what is known as the setting process is usually, if not, indeed, always, below the normal temperature. If fed, therefore, at the normal temperature, it must be heated.

Sometimes it is heated by adding hot water. This dilutes it too much. Again, it is heated over a fire. This changes its properties somewhat and is troublesome. Heat is added by pouring in hot gruel. This is good as far as it goes, but does not go far enough usually. Hence, simple as the problem of heating milk is, it is not so simple, after all.

### STABLE WINDOWS.

They Should Be High Enough to Protect Animals From Drafts.

The absurd little window in front of each horse in the old fashioned farm stable is a positive abomination. True, it allows the festive hen to enter and deposit her fruit of industry and at the same time foul the manger and contribute to the other miseries of the ill treated horse, but the worst fault of the window is that when the wind happens to blow cold and raw, as it is apt to do during the sudden changes of temperature in summer and fall, the horse is exposed to a most injurious draft striking directly upon the chest, where it will be apt to do the most harm. The eyes, too, may suffer from such a draft, and taken any way one likes there is neither use nor sense in such a contrivance.

The stable should have the main windows back of the horse, and by preference toward the south, and a writer in Rural New Yorker. The windows at the front of the stalls should be above the heads of the horses and should be protected by wooden slats or wire grating so that when they happen to be covered with hoarfrost in winter the glasses will not be broken by the horses kicking them. It is best to have the windows lined at the bottom so that they may be opened inward in such a way that the wind striking against them from outside will be directed upward against the ceiling instead of downward upon the horses.

To prevent the side drafts boards should be so arranged from the wall that when the window is opened they will fit to the frame of the window and



WELL ABANDONED STABLE WINDOWS prevent the air from entering except in the upward direction mentioned. Such a window is made or hinged in the opposite way from that usually adopted for the old fashioned trapdoor windows above doors. These opened so as to allow the air to be directed downward. The plan we suggest causes the air to be directed upward and so that the horse is protected against drafts. There is no way of preventing an injurious draft at times if the window is in front of the horse, on a level with its chest, according to the old fashioned way we have here decried.

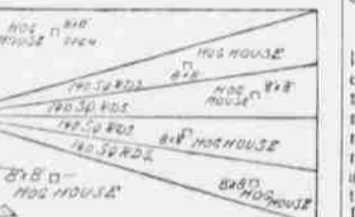
### Cost of Cow Testing.

Some attempt to reach the cost of systematic cow testing has been made at the Wisconsin experiment station, which institution is doing the testing for a number of herds at cost. As a result of its experience the station charges \$5 for a one day test, \$8 for a two day test, \$25 for a seven day test and \$80 for a thirty day test. These figures cover all cost to the owner and result in a complete official report suitable for a record of capacity, including all particulars.

### INDIVIDUAL HOG HOUSES.

A Plan to Save Time in Feeding and Watering.

I wonder sometimes how good hog raisers can still recommend the old styled hog house, writes a Missouri farmer in the Breeder's Gazette, Chicago. Possibly they need it in the frozen north, where it is winter more than summer. I passed through the hog house stage and went to the open-sided-to-south style, but discarded that some three years ago. I concluded the swill barrel and sled were not for me, as the harnessed horse was a trouble to pull the feed sled. My lots are planned to come together in a wedge shape, with an apex eight feet wide running back forty rods. Eight feet admits a wagon and forty rods long permits the plow and long stretches of woven wire. Each individual hog lot is well sodd with a mixture of red and white clover, timothy, red top, blue



A TIME SAVING ARRANGEMENT.

grass, orchard grass and meadow fescue and contains 140 square rods.

In this lot is a hog house three feet high and eight feet square, open on the south and covered with galvanized iron. All these lots converge to a point, as a wheel. The hub is where the steps are saved in feeding and watering.

At this hub we have a small feed bin, and before putting in the feed the hub was graded level for all six pens. Here we have cement troughs connected with a tee to a main pipe the full distance of all pens, so that, each full distance of all pens, so that, when one is filled all are the same and watering can be done in short order. The pipe is large, and if mud collects in these tees or the main the plug can be unscrewed and the system flushed, cleaning all.

In this hub we have under the storage grain bin a trough for sweet milk. Of course a little corn is kept here all the time, and one would be surprised how soon the little fellows learn the way in and out. They become weaned sooner, learn to depend upon themselves and tense the sow less than when in a close house.

It seems to me this is the most rational way to be successful with hogs I have ever tried. The individual hog house is away from noise. The sow's

instinct tells her to hide, and she must come up for feed to the hub before she can have anything except water. This is generally three days. Then she can digest and assimilate what is given her without playing havoc with the litter, which must be large enough to occupy the table spread, which is generally ten or twelve.

I do not care to allow the use of these individual hog pastures to sows younger than two years old, as they are uncertain, but if a good sow is found she should not be known as a grass widow on the meat marts until eight or ten years old.

### Success in Breeding Hogs.

A farmer who has been breeding hogs for twenty-five years and has been unusually successful was asked how he did it. His reply, in substance, was that he provided good, decent quarters, plenty of shade, good pasture, a variety of good food, good water, always fed for vigor and gave the hogs regularly cast and charcoal. This is all simple, but all good.

Winter blasts, causing pneumonia, pleurisy and consumption will soon be here. Cure your cough now, and strengthen your lungs with Foley's Honey and Tar. Do not risk starting the winter with weak lungs, when Foley's Honey and Tar will cure the most obstinate coughs and colds, and prevent serious results. Stafrin Drug Co.; M. L. Thompson, Falls City.

Klamath county's assessment amounts to \$7,575,403.

### Ran Lungs.

When the lungs are sore and inflamed, the germs of pneumonia and consumption find lodgement and multiply. Foley's Honey and Tar kills the cough germs, cures the most obstinate racking cough, heals the lungs, and prevents serious results. The genuine is in the yellow package. Stafrin Drug Co.; M. L. Thompson, Falls City.

A fruitgrowers' union will be organized at Dufur.

### If You Are Over Fifty Read This.

Most people past middle-age suffer from kidney and bladder disorders which Foley's Kidney Remedy would cure. Stop the drain on the vitality and restore needed strength and vigor. Commence taking Foley's Kidney Remedy today. Stafrin Drug Co.; M. L. Thompson, Falls City.

A Douglas county apple orchard yielded \$2,400 an acre this year.

### Hexamethylenetetramine.

The above is the name of a German chemical, which is one of the many valuable ingredients of Foley's Kidney Remedy. Hexamethylenetetramine is recognized by medical text books and authorities as a uric acid solvent and anti-septic for the urine. Take Foley's Kidney Remedy as soon as you notice any irregularities, and avoid a serious malady. Stafrin Drug Co.; M. L. Thompson, Falls City.

E. P. McCarnack, near Salem, raised 550,000 pounds of prunes this year.

If you suffer from constipation and liver trouble Foley's Orino Laxative will cure you permanently by stimulating the digestive organs so they will act naturally. Foley's Orino Laxative does not grip, is pleasant to take and you do not have to take laxatives continually after taking Orino. Why continue to be the slave of pills and tablets. Stafrin Drug Co.; M. L. Thompson, Falls City.

A man near Brooks has a field that yielded 200 bushels of potatoes to the acre.

### Seven Years of Proof.

"I have had seven years of proof that Dr. King's New Discovery is the best medicine to take for coughs and colds and for every diseased condition of throat, chest or lungs," says W. V. Henry, Panama, Mo. The record has had thirty-eight years of proof that Dr. King's New Discovery is the best remedy for coughs, colds, lagrippe, asthma, hay fever, bronchitis, hemorrhage of the lungs, and the early stages of consumption. Its timely use always prevents the development of pneumonia. Sold under guarantee at Belt & Cherrington drug store. 50c. at Belt & Cherrington drug store. Trial bottle free.

Farmers around Clatskanie are planting many fruit trees and berry bushes.

### How Is Your Digestion?

Mrs. Mary Dowling of No. 228, 8th Ave., San Francisco, recommends a remedy for stomach trouble. She says: "I tried for the wonderful effect of Electric Bitters in a case of acute indigestion, prompts this testimonial. I am fully convinced that for stomach and liver troubles Electric Bitters is the best remedy on the market today." It is a great tonic and alterative medicine. It invigorates the system, purifies the blood and is especially helpful in all forms of female weakness. 50c. at Belt & Cherrington drug store.

There will probably be two or three times as much grain sown in Eastern Oregon this year as last.

### Watched Fifteen Years.

"For fifteen years I have watched the working of Bucklen's Arnica Salve; and it has never failed to cure any sore, boil, ulcer or burn to which it was applied. It has saved me many a doctor bill," says A. F. Hardy, of East Wilt, Maine. 25c. at Belt & Cherrington drug store.

Forty-five carloads or more a month of agricultural products have been shipped from Gervais lately.

### Mind Your Business.

If you don't nobody will. It is your business to keep out of all the trouble you can and you can and will keep out of liver and bowel troubles if you take Dr. King's New Life Pills. They keep biliousness, malaria and jaundice out of your system. 25c. at Belt & Cherrington drug store.

Two men acquired title to 26,000 acres of sage brush land east of Lakeview, and are building two reservoirs.

Foley's Honey and Tar clear the air passages, soothe the inflamed membranes and the most obstinate cough disappears. Sore and inflamed throats are healed and strengthened, and the cold is expelled from the system. Refuse any but the genuine in the yellow package. Stafrin Drug Co.; M. L. Thompson, Falls City.

**How's This?**  
We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.  
F. J. CHENEY & CO., Props., Toledo, O.  
We the undersigned, have known F. J. Cheney for the last 12 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by him.  
Wm. D. Druggist, Wholesale Druggists, Toledo, O.  
Walden, Kewa & Marvin, Wholesale Druggists, Toledo, O.  
Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 50c. per bottle. Sold by all Druggists. Testimonials free.  
Hall's Family Pills are the best.

**TOWER'S FISH BRAND POMMEL SLICKER**  
The cleanest, lightest and most comfortable. At the same time cheapest in the end because it wears longest. \$3.50 Everywhere. Every garment guaranteed waterproof. Catalog free. 300

**KILL THE COUGH AND CURE THE LUNGS**  
WITH **Dr. King's New Discovery**  
FOR COUGHS AND ALL THROAT AND LUNG TROUBLES.  
GUARANTEED SATISFACTORY OR MONEY REFUNDED.

**ROBERTINE**  
The Secret of a Beautiful Face lies in keeping the skin protected and well cleaned. Just washing is not enough—that only leaves the delicate surface more exposed to the irritation of dust and germs; to merciless attacks of sun and weather. After washing, apply Robertine and experience its delightful refreshment. You will admire the lineless softness it imparts to face, neck and arms. It not only stimulates a radiant glow, but protects the skin from becoming coarse. Prevents burning, tan and freckles. Ask your Druggist for a sample and try it.

**NEISS & CONNORWAY PHOTO ENGRAVERS**  
ARTISTS ILLUSTRATORS  
Makers of PRINTING PLATES by STATIONERY PRINTING  
NEW PAPER ILLUSTRATIONS  
MAGAZINE AND BOOKLET COVERS AND ILLUSTRATIONS  
COMIC AND SOUVENIR POST CARDS CATALOGS & LABELS  
109 SECOND STREET PORTLAND OREGON

**BACKACHE IS KIDNEY ACHES**  
To Eliminate the Effect, You Must Remove the Cause.

Pain is nature's signal of distress, a warning that must not be ignored. Those sharp twinges in the back, those stabbing pains that follow any sudden twist or turn, are simple signs of hidden dangers in the kidneys. No trouble starts more easily, gains ground more rapidly, nor proves more often fatal than any disorder of the kidneys. All the outward appearances of health may remain until a terrible disease has taken root. Don't wait. The moment you feel any uneasiness, lameness or pain in the back, the moment the urine shows irregularity, either in its appearance, or in the quantity or number of the passages, begin with Doan's Kidney Pills. This remedy has been curing kidney troubles for seventy-five years, and never yet has failed to give relief if taken in time. It cures the kidneys, and thus cures backache, lame back, headache, dizzy nervousness, languor, sciatica and all other symptoms of kidney troubles.

Home proof is convincing evidence of the efficiency of Doan's Kidney Pills. Call at Belt & Cherrington's drug store and ask to see statements of Dallas people who have used this remedy.

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, New York, sole agents for the United States.

Remember the name—Doan's—and no other.

**KENNEDY'S LAXATIVE HONEY AND TAR**  
THE NEW IDEA THE ORIGINAL LAXATIVE COUGH SYRUP  
Moves the Bowels Best for Children Red Clays Bases in Every Bottle  
For Sale by Druggists.

**ORINO**  
Cures Biliousness, Sick Headache, Sour Stomach, Torpid Liver and Chronic Constipation. Pleasant to take.  
For Sale by STAFRIN DRUG CO., Dallas, and M. THOMPSON, Falls City.

**SNOW CURED RHEUMATISM AND ALL PAINS**  
Even our Grandfathers knew what **BALLARD'S SNOW LINIMENT** will do.  
A CONVINCING PROOF of the worth of a medicine is the cures it can effect. Every one who has used Ballard's Snow Liniment knows that it will cure RHEUMATISM, CUTS, SPRAINS, STIFF JOINTS, BURNS, NEURALGIA, CONTRACTED MUSCLES AND ALL PAINS.  
USED SNOW LINIMENT 10 YEARS.  
V. L. Settle, Richmond, Mo., writes: "This is to certify that I have used your Snow Liniment for ten years for rheumatism, neuralgia, lame back, etc., and in every case it has rendered immediate relief and satisfaction."  
Avoid all Substitutes. Three Sizes 25c, 50c, \$1.00  
**BALLARD SNOW LINIMENT CO.**  
500-502 North Second Street, ST. LOUIS, MO.

**FEELING BAD?**  
Stomach out of order, Liver sluggish, Bowels all clogged up, and you have that all-gone-tired-out feeling!  
Take an NR Tablet To-night.  
You will begin to feel better at once. Their action is different from other Liver and Stomach medicines—no griping, no sickening or weakening sensations. They make you feel good.  
BETTER THAN PILLS FOR LIVER ILLS.  
"Nature's Remedy" (NR Tablets) is the very best prescription for sour Stomach, Sick Headache, Loss of Appetite, Sallow Complexion, Constipation, Liver Complaint, Skin Diseases, Chills, Malaria, Biliousness, Dropsy, Pimples and Rheumatism. All of these diseases are caused by stoppages and consequent decay and fermentation in some organs of the digestive system. Get a 50c Box. Sold Everywhere.  
**Nature's Remedy**  
REG. U.S. PAT. OFFICE  
**NR-TABLETS-NR**

BELT & CHERRINGTON, Dallas, Oregon.

**FRIEND TO FRIEND.**  
The personal recommendations of people who have been cured of coughs and colds by Chamberlain's Cough Remedy have done more than all else to make it a staple article of trade and commerce over a large part of the civilized world.  
AN INSTANCE.  
Lucy Sadrath, of Lenoir, N. C., had been troubled with a very bad cough for over a year. She says: "A friend bought a bottle of Chamberlain's Cough Remedy, brought it to me and insisted that I should take it. I did so and to my surprise it helped me. Four bottles of it cured me of my cough."

**THE KING OF CURES**  
**DR. KING'S NEW DISCOVERY**  
FOR COUGHS AND COLDS AND ALL THROAT AND LUNG DISEASES PREVENTS PNEUMONIA AND CONSUMPTION  
"Two years ago a severe cold, settled on my lungs and so completely prostrated me that I was unable to work and scarcely able to stand. I then was advised to try Dr. King's New Discovery, and after using one bottle I went back to work, as well as I ever was."  
W. J. ATKINS, Banner Springs, Tenn.  
PRICE 50c AND \$1.00  
SOLD AND GUARANTEED BY  
**BELT & CHERRINGTON, Dallas, Oregon**