THE STOCK RAM.

Pedigree and Individual Excellence of Vast Importance.

Many of those who own small flocks only as a side line don't realize the importance of buying rams of good qualities and pure breeding. It is a shortsighted policy to purchase an inferior ram because he can be got for a few dollars less than one that is well bred and of individual excellence.

The line bred ram has the prepotency that stamps his desirable qualities on his get. Usually the get of the grade lacks uniformity. He is as likely to transmit some of the undesirable traits of some of his mongrel ancestors. No matter how good an individual he may be, his inability to transmit with certainty his own good points disqualifies him.

Professor Thomas Shaw says that where but a small flock of sheep is kept and but one ram there are no

HEAD OF FINE DELAINE MERINO RAM.

serious objections to allowing the ram to graze with the flock when the pastures are good, but should the flock be large and the rams many it is different.

Where several stock rams are kept they are given a small pasture by themselves. If they can be given a change of pasture occasionally they are likely to do better, but this is frequently found impracticable. As stock rams are usually grained somewhat heavily at the mating season, the aim should be to bring them through a portion of the summer at least without grain.

This can usually be done when the grazing is plentiful, nutritious and succulent. The effect on the system is cooling, the digestion is less taxed, and the influence exerted is renovating. But when the season draws near for service it may be necessary to feed grain to them again, that they may begin the season's service strong and vigorous.

THE SHEPHERD.

A prosperous sheep man says: One of the most important things in making the sheep business profitable is care. Sheep feel neglect, and there is always failure where they are kept in a shiftless, careless way. Every year raise lambs that are better than their dams, and your success is assured. Take good care of the ewes. This care ought to begin before the lambs come. Getting ready is always the most important part of all. The ewes should have the best hay and grain we have in the crib. Musty hay will not do. Heavy grain is not the thing for the last few weeks before the lambs come. Keep salt before the sheep at all times. They eat lots of it.

Sheep and Dogs.

We have kept sheep for the last twenty years and never had a dog bother them, says a Maryland breeder, if you will put sheep bells on about half of your flock you will not be bothered with dogs. A sheep dog is a sneak thief and will not go where he will make a noise. Put fifty bells on a hundred sheep, and you need not lose any sleep listening for dogs. The bells cost 75 cents per dozen, straps about the same price. I live in a dairy section, but some farmers keep sheep, and dogs attack only the flocks that are not belled.

Weeds and Sheep.

Weeds come in without any effort on our part, but in spite of our hardest efforts to keep them out. How can we utilize them? Pigs make good use of them, but sheep will make the best use of the weed crop, writes a farmer in Rural New Yorker. Sheep can be tied in a fence corner or with a portable fence kept on a small piece of ground after one crop has been taken off and the weeds start. There are dozens of ways in which the sheep can be used to keep down weeds, and they will prove a blessing to any weedy farm.

Shearing Sheep.

Those who have very many sheep should have a shearing machine. It does the work better and quicker than hand shears, without so much injury to the sheep. Where one has but a few sheep it is better to go in with his neighbors and get a machine. But it is well to learn how to shear by hand. Teach the boys even though you have a machine. It is bad practice to leave any tags on the sheep. If you don't want them in the wool, clip them off anyway just for the looks of the sheep. The best time to dip is right after shearing. Some wait until the ticks have all gone on to the lambs and then dip only the lambs. Better dip all sheep and lambs, not once, but twice, so as to catch the ticks that hatch after the first dip.

Special Feed For Thin Ewes.

It will pay to separate the thin ewes from the rest and give them special feed for awhile. Don't leave them with the rest to struggle for their living, but give them a little advantage.

The Only One of Its Kind.

The Shawnee Alfalfa club is the only one of its kind on earth, according to the Kansas Farmer. It holds monthly meetings on the afternoon of the last Saturday in each month and discusses appropriate topics—as, for instance, "Alfalfa Pests."

Feet of the Colts.

Keep the feet of colts even or unsoundness may result. Do not allow the toes to grow too long. Ringbones are often caused by long toes. Keep the colts' stalls well littered. One slip on a wet floor may ruin a valuable colt.

HORSE SENSE.

Some Sensible Advice In Regard to Collars and Their Use.

The closely padded, ill fitting, soft collar means suffering and shortens the life for the horse.

"Years ago I gave up the hot, sticky pad," said an intelligent farmer, "and have used only the close fitting, hard leather collar, which we have endeavored to keep clean. This clean collar, with a good washing of the shoulders noon and nights, has generally sufficed to keep them free from soreness. Still, during the constant use of the riding cultivator in our cornfields the necks sometimes get sore, caused by the weight and the moving of the collar across the skin at each step of the horse. We are all inclined to use collars too large for the horse. Much pains should be taken in the first fitting of the collar, and if it is thoroughly soaked and placed on the horse while still wet it will usually shape itself to the shoulders. Another thing, we try to avoid a too low draft. The way double harnesses are usually made all the weight comes on the horses' necks, and there is a constant tendency to lower the draft even until it comes nearly to the point of the shoulder. This should be overcome as far as possible. The draft should be high enough to insure an even bearing the entire length of the shoulder, and neither should the girth be buckled tight enough to cause any draft on the top of the neck. In fact, a girth is unnecessary and need never be used except where the traces are attached to the load above a right angle to the horse's shoulders. Steel collars are in use near us, and I am going to try a pair this spring. I think the principle is right, and they strike me as being very convenient."

DWARF APPLE TREES.

They Are Useful to Owners of Small Plots of Lands.

The sketch was made from a Red Astrakhan tree set two years before. This was only one of a hundred similar trees of the same variety planted by George T. Powell of Columbia county, N. Y., who has taken up the culture of dwarf apples. These Astrakhans were propagated on Paradise stocks, which make trees that if pruned properly never grow more than eight to ten feet high. They can be planted ten feet apart each way and when a few years old will bear a bushel to a barrel each.

The owner of a small lot who wishes to have several varieties of fruit and

DWARF APPLE TREES.

will give the trees good culture will find both pleasure and profit in dwarfs. In a commercial way the apples on Paradise stocks have not been grown extensively enough to test them. It is generally considered that they require too much care to be profitable when grown on a large scale. Some leading fruit growers believe, however, that the Doucin stock has great commercial possibilities. It makes trees eighteen to twenty feet high. They can be set from a rod to twenty feet apart each way and can be given the best of attention owing to their moderate size.

The Fruit Patch.

The government horticulturist says many persons with small lots may plant what are known as dwarf fruit trees. In proportion to size dwarf trees are more fruitful than "standards." They come into bearing sooner and are therefore of special value for use in limited inclosures or fruit gardens. Besides the advantage of dwarfing, grafting may be turned to good account, enabling the owner of trees to increase his variety of fruits. Single trees have been made to bear as many as 150 varieties of apples.

If you set out a fruit garden, take advantage of the space under and between the trees by planting strawberries, blackberries, raspberries, currants or some other small fruit. Vegetables may also be planted about the trees.

Renewing Fenceposts.

Do not throw away old fenceposts just because the ends in the ground have rotted away. You can patch these out and the posts will last as long as new ones. Take a piece of an ordinary post two feet long and smooth down one end with an ax so as to fit on to the end of the post, which should likewise be smoothed down. Now get a half dozen spikes and nail the piece to the post. Reverse the post, leaving the patched end at the top.

One Man Spraying.

For an area of less than one acre a small compressed air or knapsack sprayer will be very satisfactory. Where fruits as well as potatoes are to be sprayed the barrel spray pump outfit will be most economical. By mounting the barrel on a one-horse two-wheeled cart, at the rear of which a three-quarter inch pipe of sufficient length to cover four rows and provided with nozzles is attached, one man can do the spraying unassisted.

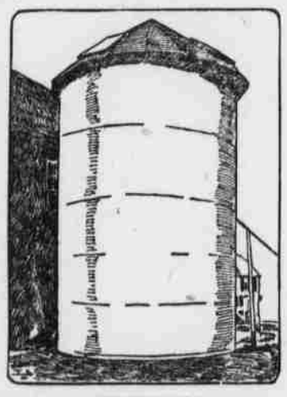
Essentials In Good Butter.

I consider the essentials to producing fine dairy butter to be pure water, a temperature of 45 degrees, a centrifugal separator and emphatically uniform pains in every detail, says a dairyman. I pack in sixty pound, paper lined tubs and ship direct to a consumer who appreciates a fine grade of butter and is willing to pay for it. My usual output is 100 pounds a week. The quantity of butter color should vary with the season and the various feed used.

BUILDING THE SILO.

The building of a silo is of a great deal of importance, and before it is undertaken a man should investigate thoroughly the principles relating to the construction and storage of silage. One of the early mistakes was to build silos too large in diameter and too small in height. This resulted in getting very little pressure on the silage, which permitted the air to get in and consequently caused the ruin of the feed. Wherever air can touch the silage numerous germs from the air attach themselves to the moist surface of the silage, and the sugars in the silage become food for the minute plants that cause putrefaction or molding. If the silage is very green the putrefaction bacteria develop most, while if the silage is old—that is, made from mature cornstalks—the spores of mold develop most. In either case the silage is ruined. The first thing, therefore, a farmer must look out for is to have sufficient height to his silo, so that the pressure on the underlying silage will be very great.

All things chopped up fine, as is all properly cut silage, develop a great deal of lateral pressure. This forces the silage out against the sides of the silo and packs it so firmly against the walls that air cannot get in. The plan is to build a silo not less than thirty feet in height and generally not less than sixteen feet in diameter. If the silos are built small in diameter, they become expensive, as a silo eight feet in diameter would cost a great deal more per ton of capacity than one sixteen feet wide. These dimensions are being quite widely followed in the construction of many silos. The diameter beyond sixteen feet must depend upon



A CONCRETE SILO.

the size of the herd. The larger the herd the greater may be the diameter of the silo.

For myself, I believe that any one handling twelve head of cows or steers can well afford a silo, writes a dairyman in Rural New Yorker.

Perhaps to the small dairyman or stock raiser the difficulties that stand in the way of the silo are imaginary rather than real. First in order, perhaps, is the cost of the silo and, second, the expense of filling. But a good silo that will last for a number of years can be erected at a nominal cost. Every farmer should be able to do his own cementing and thus make his own silo foundation; also with a little help to erect it. This would materially lessen the first cost of silo.

As regards the kind of silo to erect, I can recommend a good homemade elm hooped hemlock silo as being perhaps as satisfactory as any other. Good silos all ready to put up can be bought at a fair price. One of my neighbors has an elm hooped hemlock silo, which he built himself, that has done duty successfully for over fifteen years and is still in a good state of preservation. The inside lining of rough boards has to be removed every four or five years, but the rest of the silo stands as it did when first constructed. This kind of silo is giving good satisfaction and with a new lining once in awhile will last a number of years.

Cleanliness In the Dairy.

To produce clean and wholesome cream we must have clean and wholesome milk, and to do this it is essential that we have clean stables, clean dairy utensils, clean yards, clean and wholesome feed and that the cows be milked by men who are clean. To obtain the best results it is important that the cows be kept comfortable at all times.

Health of the Herd.

The dairy herd should include no sick animal, and especially none showing signs of tuberculosis, contagious abortion or other trouble associated with parturition or with mammitis, mammary abscess or other udder disease, actinomycosis, fever or any febrile disease.

Just Exactly Right.

"I have used Dr. King's New Life Pills for several years, and find them just exactly right," says Mr. A. A. Felton, of Harrisville, N. Y. New Life Pills relieve without the least discomfort. Best remedy for constipation, biliousness and malaria. 25c. at Belt & Cherrington's drug store.

Two Myrtle Creek people have raised ripe, good lemons.

Best the World Affords.

"It gives me unbounded pleasure to recommend Bucklen's Arnica Salve," says J. N. Jenkins, of Chapel Hill, N. C. "I am convinced it's the best salve the world affords. It cured a felon on my thumb, and it never fails to heal every sore, burn or wound to which it is applied. 25c. at Belt & Cherrington's drug store.

Burns will soon boast of one of the best equipped flouring mills in the country.

It Can't Be Beat.

The best of all teachers is experience. C. M. Harden, of Silver City, North Carolina, says: "I find Electric Bitters does all that's claimed for it. For Stomach, Liver and Kidney troubles it can't be beat. I have tried it and find it a most excellent medicine." Mr. Harden is right; it's the best of all medicines also for weakness, lame back, and all run down conditions. Best too for chills and malaria. Sold under guarantee at Belt & Cherrington's drug store. 50 c.

War Against Consumptives

All nations are endeavoring to check the ravages of consumption, the "white plague" that claims so many victims each year. Foley's Honey and Tar cures coughs and colds perfectly and you are in no danger of consumption. Do not risk your health by taking some unknown preparation when Foley's Honey and Tar is safe and certain in results. Stafrin Drug Co.; M. L. Thompson, Falls City.

Work on Echo's $25,000 alfalfa meal mill has been commenced.

A Revelation

It is a revelation to people, the severe cases of lung trouble that have been cured by Foley's Honey and Tar. It not only stops the cough but heals and strengthens the lungs. L. M. Ruggles, Reasnor, Iowa, writes: "The doctors said I had consumption, and I got no better until I took Foley's Honey and Tar. It stopped the hemorrhages and pain in my lungs and they are now as sound as a bullet." Stafrin Drug Co.; M. L. Thompson, Falls City.

A flour mill for Baker City is now considered a certainty.

The Remedy That Does.

"Dr. King's New Discovery is the remedy that does the healing others promise but fail to perform," says Mrs. E. R. Pierson, of Auburn Centre, Pa. "It is curing me of throat and lung trouble of long standing, that other treatments relieved only temporarily. New Discovery is doing me so much good that I feel confident its continued use for a reasonable length of time will restore me to perfect health." This renowned cough and cold remedy and throat and lung healer is sold at Belt & Cherrington's drug store. 50c and $1.00. Trial bottle free.

About 1,000 tons of alfalfa will be harvested on a Bitter Creek ranch. The first crop was about 400 tons.

The function of the kidneys is to strain out the impurities of the blood which is constantly passing through them. Foley's Kidney Remedy makes the kidneys healthy. They will strain out all waste matter from the blood. Take Foley's Kidney Remedy and it will make you well. Stafrin Drug Co.; M. L. Thompson, Falls City.

The usual yield of the Jacksonville tokay is four to five tons per acre, other varieties about the same. The net return is from $250 to $350 per acre annually.

Foley's Orino Laxative, the new laxative, stimulates, but does not irritate. It is the best laxative. Guaranteed or your money back. Stafrin Drug Co.; M. L. Thompson, Falls City.

J. M. Root, who has a fine young orchard of 40 acres near Medford, has decided to plant a row of chestnut trees around the entire tract.

Rev. I. W. Williams Testifies

Rev. I. W. Williams, Huntington, W. Va., testifies as follows: "This is to certify that I used Foley's Kidney Remedy for nervous exhaustion and kidney trouble, and am free to say that Foley's Kidney Remedy will do all that you claim for it." Stafrin Drug Co.; M. L. Thompson, Falls City.

Within a short 15 minutes' walk from Sumpter, the precious metal is being washed out in goodly quantities by hydraulic placering.

Delay in commencing treatment for a slight irregularity that could have been cured quickly by Foley's Kidney Remedy may result in a serious kidney disease. Foley's Kidney Remedy builds up the worn out tissues and strengthens these organs. Commence taking it today. Stafrin Drug Co.; M. L. Thompson, Falls City.

A Pendleton man who has been up in the Blue mountains, says huckleberries will be very plentiful.

WHY WOMEN SUFFER

A Little Sound Advice Will Help Many a Sufferer in Dallas.

Women have so much to go through in life that it is a pity there is so much needless suffering from backache, headaches, dizziness, languor and other common aches and ills of kidney complaint. Doan's Kidney Pills have brought new life and strength to thousands of women afflicted in this way. Don't worry if you feel tired and dragged out—if you have backache and bearing-down pains, headache, dizzy spells, faintness and lack ambition. Don't think it's some trouble peculiar to the sex. Men suffer in the same way when they have kidney trouble. Ask yourself this question: "Are the kidneys well?" The condition of the kidney secretions may give you an answer. If there is a brick-dust sediment, or a stringy settling in the urine; if passages are too frequent and copious, or scanty and painful it is time to begin using Doan's Kidney Pills. Delay may run you into Bright's disease or diabetes.

Doan's Kidney Pills cure every form of kidney trouble. Call at Belt & Cherrington's drug store, and ask to see the statements of Dallas women 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.

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 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

WEST & TRUAX, Wholesale Druggists, Toledo, O.
WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all Druggists. Testimonials free.

Hall's Family Pills are the best.

TEA

The cost of good tea is so very little: only a third of a cent a cup! a cent-and-a-half or two cents for the family breakfast!

Your grocer returns your money if you don't like Schilling's Best; we pay him.

KILL THE COUGH AND CURE THE LUNGS

WITH Dr. King's New Discovery

FOR COUGHS COLDS PRICE 50c & $1.00. Trial Bottle Free

AND ALL THROAT AND LUNG TROUBLES.

GUARANTEED SATISFACTORY OR MONEY REFUNDED.

COFFEE

Five degrees of excellence: ★ good; ★★ better; ★★★ fine; ★★★★ finer; ★★★★★ finest: all Schilling's Best.

Your grocer returns your money if you don't like it; we pay him.

INSURE YOUR HEALTH AND COMFORT on stormy days by wearing a

SLICKER

Clean - Light Durable

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A Fresh Complexion

is preserved—and produced—by Robertine, a mild, delightful preparation, delicately fragrant. Makes the skin exquisitely soft; banishes cracked appearance caused by over-dryness; reduces the size of enlarged pores, cleanses them, reduces inflammation and spreads an even, radiant glow due to wholesome nourishment of skin glands and stimulation of the capillaries which also feed the skin and supply its healthful color.

Ask your Druggist for a free sample of

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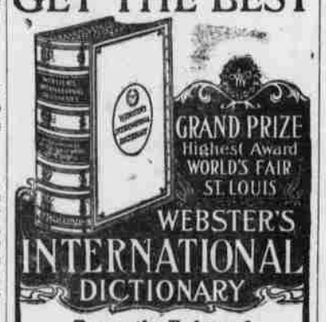

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Stomach out of order, Liver sluggish, Bowels all clogged up, and you have that all-gone-tired-out-feeling?

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 or all of the digestive organs. Get a 25c Box. Sold Everywhere.

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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.

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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

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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 Suddreth, 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 NEW IDEA KENNEDY'S LAXATIVE HONEY AND TAR COUGH SYRUP

THE ORIGINAL LAXATIVE

Moves the Bowels Best for Children Red Clover Blossom on Every Bottle E. C. DeWITT & CO. CHICAGO

For Sale by Druggists.

Cures Biliousness, Sick Headache, Sour Stomach, Torpid Liver and Chronic Constipation. Pleasant to take

ORINO Laxative Fruit Syrup

Cleanses the system thoroughly and clears sallow complexions of pimples and blotches. It is guaranteed

For Sale by STAFRIN DRUG CO. Dallas, and M. THOMPSON, Falls City.