

Essentials to Good Dairy Herd

FIRST let me speak of the sire. He should be a pure-bred animal, strong, healthy and well formed. But he may be all of these and be worthless as a sire. If he is to answer the purpose for which he is kept he must be able to transmit the qualities of a good dairy cow to his progeny. A few bulls will do this in a marked degree, but only a few.

In choosing a sire we need to pay particular attention to the history of the family from which he comes. A few years ago I bought a grade Jersey cow of a neighbor. She was nearly pure bred, but not quite. She was a noble animal. Three of her heifers, in fact, the only ones I have ever known about, were remarkable producers. I have two of them now. I seldom milk either of them without thinking of that old grade cow. For practical use on the farm, I would rather risk a bull from such a cow as that, even though she were a grade, than to take chances on a sire from a family that I knew nothing save that they were registered animals.

Bull's Pedigree Important.

Now, kind reader, do not make any mistake—I am not advising the use of a grade sire. I am only trying to show that after all, it is the family from which the bull comes that gives or does not give, reliable promise of his future usefulness.

Still, after all, the only way to really know a sire is to try him out. A number of the daughters of one of our association bulls will freshen this fall, and we are anxiously awaiting to see the result, for this will be the final test of the real worth of the animal into which we have put our money and a large measure of our confidence. If these heifers turn out as well as we hope, the days of this bull will be long on the earth. If they do not, then we can get rid of him and try again.

No matter how prepotent the sire may be, the individuality of the cow must always be considered. A few years ago one of our neighbors bought two cows in a near-by county. One of them proved to be of little value, but the other was the most remarkable cow that has yet been owned in our community. What was still better, she was a producer of heifer calves. Several of them have grown to maturity and in each instance they have been great producers.

It takes time to build up a dairy herd. Ordinarily, the cow produces only one calf each year, and a lot of these will never be cows. If the years were long enough one might use a very ordinary herd of cows as a foundation, and by breeding to a good sire he might some day have an excellent herd. But life is not long enough to wait for results from poor cows, even though they be bred to a good sire.

The man who is to produce a herd that is really worth while must have at least one or two excellent cows. If these cows come from the right kind of a family, that is to say, if their dams were good cows, and if good cows are the rule among those nearly related to them, then there is little doubt about the result when we are fortunate enough to get heifer calves from them.

Do not understand that I would not keep a heifer calf from an ordinary cow. Dairy products are in good demand and an average cow will produce some profit, but the dairyman should ever look forward to a time when the average cow in his herd will have given place to the great producer of butter-fat or milk, as the case may be. We will keep those fairly good cows for a time, but we will ever look forward to a day when it will no longer be necessary to have them in our herd because we have enough at last that are much better.

The Man an Important Factor.

The greatest factor after all, in the building of a profitable dairy and the last one of which I shall speak, is the man himself. He must read dairy literature, he must read in order to find out new things about his business, he must read to

keep up his interest in the work he has undertaken, and he must read to inspire courage.

It takes time to do any truly great thing, and this is what tests out the man. There are plenty of men who can work for a time along any given line, but the successful man must never lose his courage nor his faith in the thing he is endeavoring to do. He must be a worker, as dairying can hardly be called a pastime. It is real work, and the successful man in this business must not shrink from his share of actual labor.

He must like the business. If he does like it, he will like the cow and this fact will help a great deal. If he likes her he will be kind to her and kindness to a dairy cow is sure to pay out in dollars and cents. If he likes her he will study her, and more and more this matter of the results of right breeding and right feeding will appeal to him.

The best thing about it all is, perhaps, that in the end it will be found that the man has improved quite as much as his herd. There are some kinds of business that dwarf men. Others seem to have little influence over them. But the successful breeder of dairy cattle is sure to develop into a stronger and more able man as his business grows. —W. F. Taylor.

It is said that the first sawmill in the United States was at Jamestown, from which sawed boards were exported in June, 1667. A water-power sawmill was in use in 1625 near the present site of Richmond.

California yew which grows on the national forests of that state is finding some use in present-day archery practice. Its qualities closely resemble those of the old-world yew, which made the English long-bow famous in mediaeval times.

Pull 100 Stumps A Day—With The Hercules

YOU can clear an acre or more of stumps a day. No stumps can resist the Hercules. Doubles land value—enables you to make \$1,000.00 on 40 acres the first year after stumps are out—and \$750.00 in crops every year after. Get the proof. Why not?

Write Us Now Book tells all the facts—shows many photos and letters from owners—tells all about the many Hercules features. We'll also quote you a special money-saving price proposition that will interest you. Address: Hercules Mfg. Co. 1157-23rd St., Coonville, Mo.



BLACK LEG LOSSES SURELY PREVENTED

by Cutter's Blacking Pills. Lencored, French, sodic, prepared by Western stockmen because they protect where other remedies fail. Write for booklet and testimonials. 15-Dose size, Blacking Pills \$1.50. 30-Dose size, Blacking Pills 4.50. Use any inhibitor, but Cutter's best.

The superiority of Cutter products is due to over 14 years of specializing in vaccines and serums only. Inquire at Cutter's. If unsatisfactory order direct. THE CUTTER LABORATORY, Berkeley, California.

HIDES FURS, WOOL, FELTS, ETC. HERBARD-STEWART CO., Seattle, Wash.

Write for Price List and Shipping Tags. (Please mention this paper.)

Cash Register Bargains

Our prices about half other dealers. We pay highest price for second-hand registers. We do expert repairing and guarantee our work. Will exchange to suit your requirements. TUNDWALL CO., 803 2nd Avenue, Seattle, Phone Main 1189.

GUARD YOUR EYESIGHT

There is an optical specialist in your locality who prescribes RHUDON lenses. It will pay you to become acquainted with him. Rhudon lenses are only furnished to specialists who are competent and trustworthy. Watch this space weekly for further information about RHUDON lenses and how to buy eyeglasses intelligently.

WESTERN OPTICAL COMPANY, Portland, Oregon
NAME OF OUR AGENT IN YOUR LOCALITY FURNISHED UPON REQUEST

Music Taught by Mail

ANY INSTRUMENT—SUCCESS GUARANTEED
Our course of instruction is absolutely new. Is endorsed by leading teachers and composers. Metronome for teaching time included free. A child can learn. Tuition low. Installment payments if desired.

SEND FOR FREE BOOK
Student receives the same attention as if attending personal teacher. Over 1000 successful graduates. References. Northwestern National Bank, Portland, and any student—names and addresses on request.

AMERICAN SCHOOL OF MUSIC
5th & Ankeny Sts., Portland, Ore.

PLYMOUTH MANILA ROPE

Costs 5% More Than Other Ropes, but It Gives You **25% LONGER LIFE AND STRENGTH.**
Don't you call this economy? If you want to prove this, let us send you a small piece to test out for yourself. In full coils our price is 15 cents per pound base. Short lengths 1 cent additional. Two hundred thousand pounds in stock. We also have the largest stock of Blocks and Sheaves on the Pacific Coast. Catalogue sent upon receipt of 10 cents to cover postage.

The Beebe Company
Dept. C.
182-6 Morrison Street, Portland, Oregon.

TOBACCO HABIT ARGENITE

THE GREATEST KNOWN REMEDY WILL EFFECTUALLY CURE THE HABIT
For a limited time only we will mail you a full sized bottle of Argenite for 50 cents in express or money order. Don't put it off. Don't delay. Write today.

ARGENITE CO.

90 1-2 NORTH SIXTH STREET
PORTLAND OREGON

\$60.00 A WEEK AND EXPENSES

That's the money you should get this year. I mean it. I want County Sales Managers quick, men or women who believe in the square deal, who will go into partnership with me. No experience needed. My folding Bath Tub has taken the country by storm. Solves the bathing problem. No plumbing, no water works required. Full length bath in any room. Folds in small roll, handy as an umbrella. I tell you it's great! GREAT! Rivals \$100 bath room. Now listen! I want YOU to handle your county. I'll furnish demonstrating tub on liberal plan. I'm positive—absolutely certain—you can get bigger money in a week with me than you ever made in a month before—I KNOW IT!

TWO SALES A DAY—\$200 A MONTH
That's what you should get—every month. Needed in every home, badly wanted, eagerly bought. Modern bathing facilities for all the people. Take orders right and left. Quick sales, immense profits. Look at these men. Smith, Ohio, got in orders first week; Meyers, Wis., \$250 profit first month; Newton, California, \$60 in three days. You should do as well. **3 SALES A DAY MEANS \$300 A MONTH.** The work is very easy, pleasant, permanent, fascinating. It means a business of your own.

YOU! YES YOU CAN GET IT

DEMONSTRATING TUB FURNISHED

Little capital needed. I grant credit—help you out—Back you up—Don't doubt—Don't hesitate—Don't hold back—You cannot lose. My other men are building houses, bank accounts, so can you. Act then quick, **SEND NO MONEY** just name on penny post card for free tub offer. Hurst!

President
H. R. ROBINSON
513-Factory Bldg., Toledo, O.