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DAIRY

Problems of the Dairy

KEEP UP THE MILK FLOW

I think the greatest problem in connection with figures it this way: \$3,000 worth stock sold from this the dairy is to get people to realize the impor-tance of properly caring for the cows during cold per quart. In addition the cow won over \$500 in readily to changed environment. The most im-prize money at exhibitions. Such this is a smooth provement can be expected in the first generation, as weather. "What's the use? Dairying doesn't prize money at exhibitions. Surely this is a remark-pay." Certainly it doesn't in many cases We pay." Certainly it doesn't in many cases. We can readily believe that. But why? Because so often no special thought or systematic care is given to this branch of the farm work. Select UCUT cord croin allocation and some being much better than then dame Starting in Business with a Small Capital (First DUZE essay on the above Subject at the and vigoence he care he cataly brid to his own daugh-

I saw the milk from five cows brought in the other evening. It filled about two-thirds of a ten -quart pail. Only November, and those cows not to freshen till spring. On another farm, the three cows they kept were being milked once a day, and then at the most convenient hour preted that the value of the herd method be ex-of careful breeding and selection and regular the purebred stock would be more, it would be ex-of careful breeding and selection lost by the

The part I think of is this:-These cows have to be fed, watered and cared for in some kind of a way. To keep it up all winter means a con-ticular purpose and bred for a number of years to that siderable time and expense. Why not, then, end would deteriorate if a sire bred for some other manage in such a way that the work will bring purpose was used, thus changing the line of breeding. in some remuneration and satisfaction?

side issue in farming, and the matter of having it would be necessary to realize a profit from the herd. profitable cows quite lost sight of. Better to keep two good cows properly housed and fed, than to keep five poor cows and indifferently care

up the flow of milk. By having the majority of the cows come in in the fall, there is more of an incentive to give them extra care and food; besides, when spring comes, and they are turned on the grass in good condition, the flow of milk have to be made on the performances of their ancesis stimulated almost like freshening again; but tors. It would be better if this could be carried back in the cows have been dry four or five months four generations, to be sure that there is no inferior and sadly neglected, the calves are not strong, animal in the pedigree, and that all animals mentioned

tion of milk. A lad said to me the other day:— succeeding generations would be liable to show a large show has been a complete success from every stand-"How often should cows be watered?" I said, number of inferior animals. When grade calves are point. "Twice a day, if the water isn't before them in to be used to found a herd they should be selected for the stable." "I only water ours once a day." individual merit, and for the qualities of the sire, as And when he told me the lake was a quarter of all improvement in the breeding of grade herds must a mile distant, from which they hauled the water in bad weather and where they drove the source that can be obtained, and purebred. in bad weather, and where they drove the cows to drink in fair weather, I thought there would should be based on their past performances. be occasional days when they did not get all they Babcock test and the scales will give a very good idea wanted once a day. Experiments have proved that the milk flow is in which one, an improvement in production can An interesting experiment has been carried on at plants of mater than by inducing them to over be expected. If no past record of the animal can be the poultry farm of the University College, Reading, then by inducing them to over eat. If the icy chill can be taken from the water individual merit. When the herd is composed of Thirteen white Wyandotte pullets were hatched in the cows will drink far more. We know that by grades this is likely to be the case, and if the selections March, reared in brooder and ordinary poultry house ourselves. If we are thirsty we will take a glass are carefully made by a good judge, the results are to the end of May, when they weighed 251 lbs.— of water, and sometimes two, if the water is not likely to be satisfactory; but authentic records should nearly 2 lbs. each. On June 21st the pullets were nearly 2 lbs. each. On June 21st the pullets were very cold, before we are satisfied; but if it be ice- always be obtained when possible. cold water, we sip, perhaps, half a glass, and feel we have had enough. Salt creates a desire for of a dairy herd is the sire. He should be of a breed day-7, 12, and 5 o'clock. The morning meal was drinking, and should be kept before the cows.

What is a Good Cow Worth

A Canadian cow, according to the testimony of her owner, G. A. Gilroy of Glen Buell, Ontario, has pro-If a number of cows a As I see things in my travels over the country, ing to an article in the Canadian Dairyman. He ment the calves should be selected from the cows that

There seems to be no doubt that the best way to The cows are expected to go dry in the fall, form a dairy herd with a small capital would be to much as possible. begin with a few good dairy animals and increase the herd with the female progeny; until the desired num- breeding of a herd it is all lost unless the feeding and

day, and then at the most convenient hour, pected that the value of the herd would be corres- farmer who does not give his stock the care that has pondingly greater. In either case care should be used raised it to its high standard. in selecting animals adapted to the purpose for which the herd is intended, market milk or butter production. A herd that is established for any par-

The manner of starting the herd would depend on Dairying is too often looked upon as only a the amount of capital and the length of time before If the capital would allow, and quick returns were needed, the purchase of a few good cows in milk would give the quickest returns, or, if circumstances would for them. The two cows will make a profit, and be a pleasure to look after; the five inferior cows will be both a worry and a loss from herds that has been bred through many gener-The aim of every dairyman should be to keep ations for the particular purpose for which the herd pigeons and pet stock. was intended, and the chance of getting calves that would make inferior dairy animals would be much less than when calves are purchased that had been bred in a more haphazard manner

the cows poor and weakly, and the best of the grass season is lost getting them in condition. I believe half the cows do not get enough water in winter, and this seriously effects the produc-tion of milk. A lad said to me the other day. widely different characteristics with the hopes of com-

be composed of grade animals the sire should be pure-We understand that the owner of Colantha 4th maintain the herd should be made when they are old has refused \$10,000 for her. This looks like a large enough to be tested, and the selection made of their accidents which more how when we consider the many individual merits. When it is necessary to select the from accidents which may happen to a cow and reduce her females before they can be tested they should be from value to from \$25 to \$50, except for show purposes. dams that respond the quickest to the changed

your seed grain, plant and harvest it with the New York State Fair. By C. OWEN CARMAN. the bull produces outspring that are unitorin, strong the bull produces outspring that are unitoring that are unitoring that are unitoring the bull produces outspring that are unitoring to the bull produces outspring the bull produces outspring the bull produces outspring that are unitoring to the bull produces outspring that are unitoring to the bull produces outspring the bull produces outspring the bull produces outspring to the bull produces outspring to the bull produces outspring the bull produces outspring to the bull produces outspring should be related to the old one and resemble him as

However, no matter what attention is paid to the

POULTRY

Some English Poultry Notes

The Crystal Palace Poultry and Pigeon Show beand about half are poultry exhibits, the balance being

Some of the judges had enormous groups of birds to deal with, but most of the awards were made before the exhibit was opened to the public. As showing the relative popularity of the different breeds, Or-If calves are to be purchased the selection would pingtons with 782 entries, and Wyandottes with 545 ave to be made on the performances of their ances- seems to have quite distanced the old-time favorite Cochins. Leghorns have increased wonderfully in popularity, and there was a new class on exhibit— Partridge Leghorns. It is claimed, with good reason, that since 1900 the egg yield in Great Britain has increased at least 20 per fowl annually.

eggs into the United

Succulent food in some form is almost a neces-

do not see much need of letting the cows out in that has a record for breeding may be mated with a summarized as follows:-Cost of egg, 1.4d.; incuba-feed it takes to keep up the animal heat. The tested males. A farmer is often able to buy a bull that laying early and abundantly must be hatched in piercing winds cannot but shock the nervous sys- has proven his ability as a sire as cheaply as, or more tem, and very materially check the secretion of cheaply than, a calf of superior parents would be sold May, or later, they cost double to rear before returnmilk

I have written this for the person who keeps but a few cows and feels no special interest in their welfare or the tidy profit they might bring in, if only given a chance. I have the greatest

The selection of the cows to found a dairy herd of what can be expected of them under the conditions Experiments have proved that the milk flow is in which they have been kept. If the environment

The selection of the young females to maintain and depends upon the precociousness of the breed. increase the herd requires careful consideration on the part of the breeder. If the herd is a purebred one, the part of the breeder. If the herd is a purebred one. The writer recently visited the poultry farm of Mr. the sire being the same strain, and very much like the Frank Cockcroft, which is situated on a picturesque, not being taken into the herd. When the herd is to were hatched in the nine incubators in use, and of these

The total imports of foreign Kingdom in 1907 reached the almost incredible figure of 2,228,148,000. Russia was the greatest source of supply, sending 861,473,000, Denmark following with about half that amount. Even un-civilized Morocco figures in the list for 25,248,000, against Canada's contribution of 13,905,000.

An interesting experiment has been carried on at obtained, it will be necessary to make the selection on to determine the cost of raising pullets to laying age. placed in a portable poultry house and allowed free-

By far the most important factor in the breeding up dom of field. They were fed liberally three times a best suited to the conditions and requirements of the four parts of barley meal, four parts toppings, and herd. If the herd is small and a first-class sire is in one part meat by weight-cost id. (11c.) a pound. sity in order to keep the cows milking well. Corn silage, of course, is the cheapest, best and most easily handled. If the stable is well lighted and ventilated, I should be mated with a mature bull, but a mature cow that has a record for breeding may be mated with a summarized as follows:—Cost of egg. 1.4d.; incuba-

England not later than April 1st. When hatched in ng a single penny. It is allowed, though, that much

females, the offspring will be fairly uniform and the though exposed hillside in the Lancashire and Yorkfaith in dairying, and believe it to be one of the calves from the best producers can be selected, unless shire border region. A specialty is made of the sale most profitable branches of agriculture.—LAURA they show some physical weakness or other reason for of day old chickens. This year about 5,000 chickens