

How Much Will Unwatered Cows Shrink?

Would you kindly inform me through your valuable paper as to what percentage in the number of pounds you would consider would be lost in the daily returns of a cow or herd of cows which, being pastured in a pasture where there is no water available, the cows have to be driven back to the house every noon, a distance of about half a mile, to be watered; it being understood that these cows are kept in a small pasture around the house over night, and can have access to water while they are kept over night?

A friend of mine places the loss at 10 per cent. in the daily returns of the cow in milk and about 25 lbs. per cow in the loss of flesh for the season. These figures being compared with the returns of a herd of cows which would have free access to water when they felt like drinking and not having to be driven back and forth every noon to be watered.—J. B. L. Prefontaine, Quebec.

As no very definite data is available on this subject, any information that may be given will be largely guess work. To get the best results a cow should have access to pure water whenever she cares to take it. The average milch cow (Alford) requires about 81 pounds of water per day while in milk, and about 23 pounds when dry. A cow, therefore, cannot possibly drink this quantity of water at one drinking per day, but must have access to water several times during the day. At the Vermont Experiment Station cows allowed to drink at will gave 2 per cent. more milk than when watered at intervals. Several other tests show that cows shrink considerably in milk when they do not get sufficient water. As to the case in point, 10 per cent. does not seem too high, though if cows had access to all the water they wanted at night the shrinkage will not be as large as it otherwise would be. Cows without food for a time will usually eat before they drink and consequently when let out to pasture in the morning would not require water for a time. Under these conditions, perhaps, the shrinkage might not be so large as the figures given. A heavy milking cow does not gain much in flesh during the milking season, so that it is doubtful if there would be much loss of weight. However, there are no recorded tests fitting the case, and it is hard to say definitely. If any of our readers have any information to offer on this subject we would be glad to have it.

Strawberries to Plant

The following general list of strawberries for planting is recommended by the Board of Control of the Ontario Fruit Experiment Stations:

Commercial—Splendid (Perfect), Bederwood (P.), Warfield (Imperfect), not suited to light sandy soil, Greenville (Imp.), Williams (P.), Saunders (P.), Sample (Imp.), Irene (Imp.), Buster (Imp.).

Domestic—Van Deman (P.), Splendid (P.), Excelsior (P.), Senator Dunlap (P.), Ruby (P.), Bubach (Imp.), Irene (Imp.), Belt (P.), Lovett (P.).

Constantly Improving

I find that THE FARMING WORLD is becoming more valuable to me each year, as it is constantly improving, some of the articles which are regularly found in its pages being worth a year's subscription in themselves.—C. W. Lowry, Quebec.

PAGE FENCING

THE BEST IS THE CHEAPEST

When you buy a knife for instance, you consider the quality of the steel in the blade. The biggest and heaviest knife is not necessarily the best. Now there is just as much difference in the quality and strength of steel in fence wire as there is in a knife blade or razor. We use a

high carbon steel wire which, though it costs you but little more, is fifty per cent. (50%) stronger than wire in other fences. The lightest fence we make is as strong as the heaviest of other makes.

Notice the lock in our "EMPIRE" FENCE. You may have noticed also that others are imitating it. That is a good recommendation for it. Where we lead, others follow.

All of our wire is "COILED," not crimped. Besides the extra strength and superior workmanship we give you, we furnish PAGE FENCES dipped in a



THE LOCK IN PAGE "EMPIRE" FENCE

special white paint, which on top of the best of galvanizing, will lengthen the life of wire for years. And, also, this white coating makes wire much more sightly.

Owing to the great strength and elasticity of our fencing, one-third less posts are required, thus reducing the cost of the fencing.

As you get in PAGE FENCES one-half more fence strength, greater protection against rust, better workmanship, better appearance, use less posts, can you afford to use other fences, even though you could buy them for one-half the price of ours? But, really ours costs you little if any more.

We are prepared to prove any assertion we make above. Illustrated printed matter furnished for the asking. 407

THE PAGE WIRE FENCE CO., Limited, Walkerville, Ont.

Branches:—Montreal, Toronto, St. John.



SAVE ALL YOUR CREAM

A hired man who doesn't milk your cows dry every morning is pretty poor dairy help at any price. Isn't that so? And in the same way a cream separator that leaves part of the cream in the milk every skimming is expensive, no matter what you pay for it. The improved



U. S. CREAM SEPARATOR

Holder of World's Record for clean skimming

takes out more cream than any other separator. This is due to the exclusive construction of its skimming device. We want to show you about this, and prove that what we say is true. The best way to do it is to have you see one of our big, hand-some free catalogues. Just write us a postal and we'll send you one by return mail. Better do it now while you think of it.

VERMONT FARM MACHINE CO., BELLINGS FALLS, VERMONT

Eighteen centrally located distributing warehouses throughout the U. S. and Canada

FARMERS AND DAIRYMEN

when you require a

TUB, PAIL, WASH BASIN or MILK PAN

ask your grocer for

E. B. EDDY'S

FIBRE WARE ARTICLES

YOU WILL FIND THEY GIVE YOU

SATISFACTION EVERY TIME

THERE IS NO SUBSTITUTE

Insist on being Supplied with Eddy's Every Time

