

## MAKING THE DAIRY FARM PROFITABLE.

We notice in several of our eastern agricultural exchanges that there is a good deal of discussion being had on this important question, says Hoard's Dairyman. A number of dairy farmers declare that it is impossible for them to make their herd and farm pay anything like a fair profit, so they express the determination to sell off their cows and engage in some other branch of farming.

We are not here to say that they are making a mistake, but we wish to say that there is a great difference in the ideas and policies practiced on these extreme eastern dairy farms and those in the dairy districts of Wisconsin, for instance. That difference is perhaps well defined by saying that on the specialized dairy farm of the east the principal reliance is from the milk alone. You will find but very few young cattle or hogs kept on these farms. The drainage is altogether out of one spout—the milk spout. It is needless to say that that kind of farming does not make a skillful live stock farmer; neither does it constitute a system for the raising of large quantities of corn, clover and alfalfa which are the best kinds of roughage and on which the young cattle and even hogs



The Brown Swiss breed of dairy cattle are noted for strength of constitution and lack of nervous fidgets, which accounts for their wearing qualities. At eleven or twelve years of age a Brown Swiss cow is in her prime. They carry a fair amount of flesh and have great capacity for producing milk and butter fat. They are heavy for dairy cattle, an average herd of cows in milking condition will weigh from 1200 to 1400 pounds. Betty of Alenhurst, the animal shown, won first prize in the heifer class at the Iowa state fair.

will thrive exceedingly well. The Wisconsin dairy farmer has built up a wide demand for his grade Holstein and Guernsey cows and heifers. Here is a source of revenue that is closely akin to that of steer raising with the double advantage of the milk after the heifer is two years old.

To illustrate, the farmers of Jefferson county, Wis., realize from their cows in milk product over \$2,000,000 annually, while from the sale of cows and heifers they receive about \$700,000. This combining dairying with dairy stock breeding and raising makes of the farmer a much better equipped man all around, while it enhances his profits. Most of the milk is handled in creameries, and the skim milk product, with the abundant corn crops and alfalfa and clover, enables the farmer to turn a fine pork crop every year.

This all around dairy farming pays well when intelligently managed, with the added advantage that the farmer is more his own master, and his calling educates him more broadly and more completely.

Dairy farmers must become better stock raisers than they have been, whether they operate east or west. If they want larger profits and a larger share in what they earn. A few men cannot control the butter market or pork market or the market for cows and heifers as they do the milk market in large cities.

### Keep Hogs in Fat Condition.

Hogs that are to be kept over for breeders and fall pigs should go into the winter in good condition. A blanket of fat under the animal's hide is worth bushels of corn in the crib as a protection against the cold weather of winter. Fat can be put on during the fall easier than it can after winter begins. The fall pig that has not been well fed during the fall months has a winter of misery before it. Its hair affords but little protection, and without a blanket of fat it is in a sad predicament. Fat, vigorous pigs will continue to grow during the winter, but the thin ones are expensive boarders. Older breeding animals will endure more hardship and exposure, but they come out in the spring in poor condition and cannot produce as good pigs as those that go into the winter in good condition. A chilled body reduces vitality and saps the animal's reserve energy, and it comes out in the spring a weak, emaciated animal.

### Washing Butter.

In winter the water for washing and also the brine for salting should not be below a temperature of 50 degrees F. With regard to the quantity of water to use, sufficient water should be placed in the churn to thoroughly float all the butter grains contained therein. The butter will require two or three washings in order to remove most of the cheesy matter, which, if allowed to remain in the butter, causes the finished article to become bad. When the water is quite clear and free from milkiness on being withdrawn from the churn the butter should be sufficiently washed. While being careful to wash the butter thoroughly, do not overwash it or the color and flavor will be spoiled.—American Cultivator.

**Eating in the Fifth Act of Life.**  
The advice which Sydney Smith gave to Lord Murray on the subject of diet was probably sound. "If you wish for anything like happiness in the fifth act of life," he wrote, "eat and drink one-half of what you could eat and drink. Did I ever tell you my calculations about eating and drinking? Having ascertained the weight of what I could live upon so as to preserve health and strength, and what I did live upon, I found that between ten and seventy years of age I had eaten and drunk forty-four horse wagon loads of meat and drink more than would have preserved me in life and health. The value of this mass of nourishment I considered to be worth £7,000. It occurred to me that I must by my voracity, have starved to death fully 100 persons. This is a frightful calculation, but irresistibly true."

### How a Woman Saved Niles.

It happened in August, 1543, and is recalled by Mrs. Walter Tibbitts in "Cities Seen in East and West." Niles (then under the dukes of Savoy) was being besieged by Francis I. and Barbarossa.

Catherine Segurine was a washerwoman whose creed was laborare est orare. She carried food to the defenders on the ramparts still left. The Turks had put up a scaling ladder. The captain led his party, and they were actually on the parapet. She rushed at the Turkish officer, wrenched the flag he was carrying from him, beat him back with the butt end and threw down the ladder on top of all. Then, rallying the soldiers, they threw open a postern, made a sortie and drove the Turks to the shore.

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### SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Crook.

Central Oregon Irrigation Company, a corporation, plaintiff, vs. Willard M. Houston, defendant.

To Willard M. Houston: In the name of the State of Oregon: You are hereby required to appear and answer the complaint filed against you in the above entitled suit within six weeks from the day of the first publication of this summons and if you fail to so appear and answer, for want thereof, the plaintiff will apply to the Court for the relief prayed for in the complaint, to-wit: for the cancellation and setting aside of a certain contract, dated September 12, 1908, made between you and The Deschutes Irrigation and Power Company and assigned to said plaintiff, relating to the settlement of certain lands, and the purchase of water rights appurtenant thereto, situate in Crook County, Oregon, and for such other

and further relief as may seem to the Court just and equitable.

This summons is served upon you by publication by authority of an order of the Hon. W. L. Bradshaw, Judge of the Circuit Court of the State of Oregon for the County of Crook, and said order is dated the 25th day of October, 1912, and is duly recorded and entered in said Court and suit.

Date of first publication, October 30, 1912.

Date of last publication, December 11, 1912.

Jesse Stearns & Jacob Kanzler, Attorneys for the plaintiff.

### SUMMONS.

In the Circuit Court of the State of Oregon, for the County of Crook.

Nellie Wright, plaintiff, vs. Harry Joseph Wright, defendant.

To Harry Joseph Wright, above named defendant:

In the name of the State of Oregon you are hereby required to ap-

per and answer the complaint filed against you in the above entitled suit within six weeks from the date of the first publication of this summons, and if you fail to appear and answer for want thereof the plaintiff will apply to the Court for the relief prayed for in the complaint, to-wit:

For the dissolution of the bonds of matrimony now existing between you and the plaintiff, and for a further decree that the property now owned by the plaintiff shall be and remain hers, free from any right, title or interest on your part, either at law or in equity.

This summons is served upon you by publication by authority of an order of the Honorable H. C. Ellis, Judge of the County Court of the State of Oregon for Crook County. Said order is dated the 30th day of October, 1912, and is duly recorded and entered in said Court of action.

The date of first publication the 30th day of October, 1912.

VERNON A. FORBES,

Attorney for plaintiff.

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