

**Better Not Feed Skim Milk Alone.**

Many farmers do not clearly see the value and meaning of balancing the feed for a calf. To illustrate, let us take the experience of Mr. C. P. Goodrich in feeding pigs, says Hoard's Dairyman. His object, of course, was weight, but the principle remains the same. Mr. Goodrich found that 100 pounds of sweet skim milk, when fed alone, would make five pounds of weight, on shoats of 125 pounds each. A bushel of corn, when fed alone, would make 10 pounds of weight. The two feeds, when fed alone, therefore, were worth 15 pounds of gain. But, when he balanced them and fed together, they produced 18 pounds of gain. Can any man afford to throw away three pounds of gain, or 20 per cent. of the whole, because he don't take any stock in this notion of a balanced ration?

The editor of the Creamery Gazette says if the surplus of skim milk that the calves do not require were fed to pigs, with the proper balance, it would save another terrific waste that is going on on the farm all the time. The conditions on the average farm are these: The calf gets the skim milk without the corn; the pigs get the corn without the skim milk. The skim milk without the corn makes the calf pot-bellied, and the more it gets above that which would be required with corn, the more pot-bellied and worthless it becomes. The pig gets the corn without the skim milk, and he becomes an animated lard keg, without size, and the owner is looking around next year for a new breed of hogs, or a male hog of the same breed with plenty of bone in it, and wondering what is the matter with his pigs.

There is nothing the matter with the pigs, but there is a good deal the matter with the farmer, the matter being that he does not understand, and will not, until he has had some lessons, that he is feeding an unbalanced ration to the pig and another to the calf, trying to work a miracle in growing profitable calves and pigs in violation of laws as immutable as the Ten Commandments. Give the calf about half the corn that the pig gets, and give the pig half the skim milk that you are giving to the calf, then you will be feeding right, wasting nothing, and in a fair way to get rich and be happy.

Do not try to balance up the skim milk with oil meal. It cannot be done, for oil meal itself has about the same nutritive ratio as skim milk, and it will not balance it. Flaxseed meal will, but oil meal will not. The best thing with which to balance skim milk is corn meal, until the calf is a month or six weeks old, and after that shelled corn.

**The Northwest Fair.**

The annual fair of the Northwest Fair Association will be held in New Whatcom September 27th, 28th, 29th and 30th. No fair was held last year, and its omission has been felt since to have been a mistake. At a meeting of residents of the county a few weeks ago in New Whatcom it was determined to hold an exhibition this year, and of \$1,000 subscribed by business men of the Bay Cities to set aside \$500 toward the payment of premiums and preliminary expenses. The following are the officers, all well-known and prominent men of the four counties—Whatcom, Skagit, Island and San Juan—for whom the exhibition is more particularly designed:

- President—J. J. Edens, New Whatcom.
- Vice presidents—C. W. Worthen, Lynden; Patrick Halloran, Skagit county; A. J. M. Hosom, Island county; Geo. Gibbs, San Juan county.
- Secretary—Chas. Donovan, New Whatcom.
- Treasurer—E. W. Purdy, New Whatcom.
- Trustees—J. Wayland Clark, Fairhaven; T. W. Gillette, Fairhaven; D. D. Fagan, New Whatcom; G. H. Westcott, Blaine; C. H. Stoltenberg, Custer; John Simpson, Everson; C. W. Worthen, Lynden; Joseph Lopaz, Ferndale; M. C. Latta, New Whatcom; Robert Watkinson, Skagit county; Geo. Gibbs, San Juan county. and Robert L. Kline, Welcome.

With the capabilities of these four counties in the way of production there should be, and there is expected to be, a fine display. The various committees, and especially the executive officers, are hard at work arranging for the exhibit of the resources of the northwest in every department. The secretary, Charles Donovan, of New Whatcom, will cheerfully send a premium list to any person desirous of one, and will gladly answer all inquiries regarding the fair.

The tomato crop of Walla Walla is reported a failure. Also cabbages are light, and the home demand is supplied from outside imports.

When the farmer's purse is empty in the spring is wool money comes timely.

There is no mutton in wrinkles.

**Balfour, Guthrie & Co.**

220-221 Bailey Building.

**Grain Dealers Shipping, Commission**

Importers of ore bags, Hop Cloths, grain bags, twine, etc. Balfour, Guthrie & Co., San Francisco, Portland, Tacoma.

**GALBRAITH GRAIN CO.,**

Dealer in

**Hay, Grain, Flour, Feed, Lime, Plaster and Cement**

Office and warehouse, Galbraith Dock, Foot of Washington St., Seattle, Wash.

Thomas Carstens. Ernest Carstens.

**Carstens Bros.,**

**Wholesale Butchers and Packers.**

Manufacturers of Washington Brand Hams, Bacon, Lard, Tallow and Neats-foot Oil.

Highest cash price paid for all kinds of Live Stock.

121 Yesier Way, Seattle, Wash.

**Jno. W. DeCamp & Co.,**

=: Incorporated =:

We are in the field for business with CREAMERYMEN and DAIRYMEN

of the northwest states. Jobbers in

**Butter, Cheese, Eggs, Poultry, etc.**

Your shipments invited. Gilt-edge references.

909 West Ave., Seattle, Wn.

**GREEN AND DRIED FRUIT GRADERS**

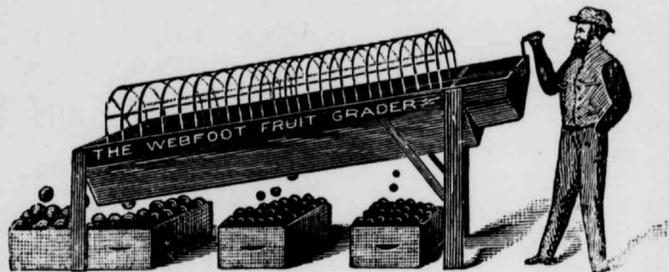
PORTLAND WIRE AND IRON WORKS.

Fishers, Wash., March 30, 1896. C. W. Boost, Portland Wire & Iron Works. Will say that the green prune grader purchased of you last season gave perfect satisfaction after we learned to use it. I had some trouble in the beginning to get the right man in the right place. They would either feed too fast or turn too fast. When we learned to feed right and turn right it did good work.

G. J. ALLEN.

Wenatchee, Wash., June 3, 1897. Portland Wire & Iron Works. I like the prune grader. It is all right and does the work well.

ELIAS MESSERLY.



Fruit Dipping Baskets and Wire Work of All Kinds.

334 ALDER STREET - - - - - PORTLAND, OREGON.

**POULTRY WANTED**

The SOUND COMMISSION CO., Inc. JOBBERS OF BUTTER, EGGS, CHEESE, POULTRY. 139 Western Avenue, Seattle

**It beats the Klondike . . . .**

when you can store butter Eggs and Cheese with the

**Seattle Automatic Refrigerating Company,**

and get 50 per cent in advance in price in ninety days.

Try it when you have goods to store

**Ground Bone Fertilizers**

Send for Prices

**Frye, Bruhn & Co., Seattle, Wn.**

**Whitworth College**

===== Sumner, Washington =====

The first term of the ninth year of this College will begin on Wednesday, September 7, 1898. For full information apply to Prof. E. D. Sivezey, or Rev. Robert Boyd, President, Sumner, or to the undersigner,

**Geo. F. Whitworth, President Board of Trustees**

SEATTLE, WASHINGTON.