

The Monitor's Agricultural Department

For the Use and Benefit of Farmers.

Correspondence, Suggestions and Inquiries welcomed to these columns.

Winter Feeding of Cattle.

THE TYPE TO SELECT.—SOME HINTS ON MANAGEMENT. Department of Agriculture, Ottawa, Nov. 17.

The fattening of cattle is carried on under such widely different circumstances that it is impossible to lay down any hard and fast rules, and say that these are right and all others wrong.

Fifteen or twenty years ago the cattle required for the export trade were the heavy four and five-year-old steers weighing 1400 to 1800 pounds.

At that time quality, not quantity, was in demand. To-day we find the compact animals, weighing from 1250 pounds up, will command the highest prices.

Of course, if weight can be combined with quality, so much the better, but quality is of first importance. From the butcher's point of view, the steer of best quality is the one which carries the greatest percentage of its weight in those parts of the carcass which give the highest priced cuts.

In the Chicago and New York markets, the most discriminating in the world, the rib and loin cuts command four times the average price paid for the remainder of the carcass, and it is apparent that the prime beef animal must be good in these parts.

They must be thickly and evenly covered with firm, yet mellow, flesh of uniform good quality, and free alike from hard rolls and blubbery patches. Coarse, rusty animals will no longer be tolerated, much less those that are bony and bare of flesh on the back and ribs.

In addition to the general beef form, with good backs, ribs and loins, there is, says the eminent American authority, Prof. Curtis, "a certain quality of character, style and finish that constitute an important factor in determining the value of beef cattle.

One of the first indications of this is to be found in the skin and coat. A good feeding animal should have a soft, mellow touch and a soft but thick and heavy coat. A harsh, unyielding skin is an indication of a sluggish circulation and low digestive powers.

A clear, prominent, yet placid eye, clean-cut features, fine horn, and clean, fine legs all go to indicate good feeding quality and capacity to take on a finish of the highest excellence, and consequently to command top prices.

Coarse-boned, rough animals are almost invariably slow feeders and hard to finish properly. Besides these qualities, and above all, it is necessary to have vigor and constitution. We find evidence of these in a wide forehead, a prominent brisket, broad chest, well-sprung ribs, full heart, girth, and a general robust appearance.

With the proper beef type in mind, it will not be difficult to recognize a suitable stocker. To find him is a more difficult matter. Owing largely to the great expansion of the dairy business during the past fifteen or twenty years, it is becoming more and more difficult to procure good stockers for feeding. To get satisfactory animals a farmer is almost compelled to breed his own. In case he does so, too much importance cannot be attached to the selection of the sire. It should never be forgotten that he is half the herd. Good grade cows are all right to breed from, but the bull should always be pure bred. It is more economy to use fifty cents or a dollar in the first cost of the bull, and lose from ten to fifteen dollars when the finished animal is placed on the market. Besides this, the price at which we buy our cattle is obtained in those days less on excuse for the use of an inferior animal.

An abundant supply of cheap feed is essential to success in winter feeding, and a ration of hay and grain with any margin of profit. We must have something that can be grown in larger quantities and at a very small cost, and one that will stand the winter. It is beyond doubt the best and cheapest winter feed at our disposal. The chief advantage of ensilage are its great palatability, the saving of labor which it affords, and the fact that it can be fed at any time of the year with equal satisfaction. While corn holds first place as a cheap winter feed, it has no monopoly of the field. The farmer who grows a large quantity of grain, and has consequently an abundant supply of straw, will find that by growing a quantity of roots to feed with it, he has made his winter feed a reasonable cost. Field roots have a feeding value apart from the digestible nutrients which they contain, in upon the digestion and general health of cattle that receive liberal rations of succulent feed, such as roots and ensilage, will have the sleek, thrifty appearance of grass fed cattle, and there will be little trouble with indigestion or having them go off their feed, as is often the case with cattle that are fed exclusively on dry fodder and grain. The grain ration depends so largely on circumstances that it will not be discussed here. It is always well, however, to commence with a comparatively light ration and finish with the more concentrated grain. Water and salt should always be within easy reach, and the cattle should be kept free from lice by the use of some of the proprietary dips, or even ordinary black oil, which is perhaps as cheap and effective as anything else.

Yours very truly, W. A. CLEMONS, Publication Clerk.

Prof. Robertson's New Post-Will Become Head of the New Agricultural College—Sir William Macdonald's Latest Project—The Robert Reford Farm's Situation of the New Institutions.

New Engineering School to be Established by Kings.

Kings College, Windsor, is to establish an engineering school in Cape Breton. Both Sydney and Glace Bay are anxious to secure the school and the council of the city and town already have been approaching and have expressed themselves as willing to do all in their power to aid the institution.

The first steps considered by President Hannah were in Sydney, but since then the advantages of Glace Bay have been brought to his attention by a number of old King's College men resident there and, as stated before, it is understood that it is now practically assured for Glace Bay, the site being likely to be that of the old Marconi Towers, with which President Hannah was very familiarly acquainted.

The proposal is to be brought up at the approaching half yearly meeting of the Board of Governors of the college, and will without doubt receive the approval of the members of the board, which involves the removal of the professor of engineering and of the students taking the engineering course at Windsor or Halifax.

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It recently had BENTLEY'S Liniment for a severe case of enlarged Testis in my case. The pain was so severe that I could not get to bed, and I had to lie on my back for several days. I had tried every other remedy, but BENTLEY'S Liniment was the only one that gave me relief. I feel now as well as ever.

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We are going to sell our GOODS now at COST PRICES, on account of our removing on February 1st, and our STOCK must be sold in the meantime.

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REMEMBER THE PLACE COHEN BROS. - Bridgetown, N. S.

Russian Starting from Port Arthur

London, Nov. 24.—A despatch from Tokio to the Standard reports increasing desertions from the Port Arthur garrison into the Japanese lines.

The road despatches tell of the demoralization of the Russian defenders. The same correspondent says that the Russian forces on the western front of Port Arthur no longer fire at the Japanese warships.

The Japanese, according to a despatch from Chefoo, are reported to have captured the British steamer Tunchow, laden with 30,000 cases of canned meat for Port Arthur.

Land of Evangelist

On the 21st of November 1904, the steamer "Land of Evangelist" will be in the following order of departure:

Trains will arrive at Bridgetown: Express from Halifax, 12:14 p.m.; Express from Yarmouth, 2:24 p.m.; Express from Richmond, 4:20 p.m.; Express from Annapolis, 7:20 p.m.

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FINEST and FRESHEST Meat & Fish

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COAL

The Steamer, "Kilkeel" has lately discharged for us a cargo of PORT HOOD COAL.

EXECUTOR'S NOTICE

All persons having legal demands against the estate of JAMES WALKER, late of Cape Breton, are requested to render the same to the undersigned within three months from the date hereof, and all persons indebted to the estate are requested to make immediate payment to the undersigned.

GOOD MEAT MAKES HEALTH.

Choice stock of Fresh Beef, Pork, Mutton and Poultry. HAMS and Bacon. B. M. WILLIAMS' MARKET.

The Household.

HOUSEWORK, HOME DUTIES AND GIRLS.

Much is written and spoken concerning the distant girls just graduated from the household and home duties. It is not possible that mothers are more largely to blame for such a condition of affairs than the daughters?

It is annoying to a high-spirited girl to discover that mother really only tolerates her presence in the kitchen because she scarcely knows just what to do with the girl who in the day save vacation time.

And if mothers would only give the girls at once some responsibility instead of assigning the everlasting dishwashing as their share, girls would feel more interest. Let a mother ask her daughter to care for the bread and desserts for a month, and then a girl will at once be on her mettle to supply as fine rolls as she dainty deserts.

With a certain definite sum stated as the limit of expense to be incurred, the girl will have a valuable lesson in making and meat. If the preparation and cooking of all vegetables (including salads), engage her attention the next month, and meats the following month, she will have a very good idea of what simple housekeeping means.

During these probationary periods, even though it entail the spoiling of some choice concoction, let the mother wisely refrain from making comments or asking any questions that can be construed as "nagging."

Said a young lady recently: "Mother doesn't think I can even boil potatoes alone, for she's always nagging me about the fire or the water or the time they've been cooking"—yet that mother had no idea of nagging, being simply anxious that things should be well and properly cooked, says the Filigree.

The great difficulty is that during school life one has certain things assigned to be accomplished in stated times, while as mother's helper, with no definite duties beyond the care of one's room, and no stated time for the accomplishment of anything save the preparation of three meals a day, the active, energetic young woman is very apt to wish to engage in some employment that will have a certain compensation for stated hours.

If fathers could only be made to see the wisdom of an allowance of every month to the family, letting the children always realize that they are earning their share, girls would be more ready to stay at home on small allowance than push into the business world for the necessary money and clothes and accessories.

KEEP DAMPNESS OUT OF HOUSE. More sickness, colds, pneumonia, rheumatism and the like are contracted through dampness than from the state of the weather, and especially in the autumn. The head of the house has generally the idea that a fire in the kitchen stove, or an occasional grate or open fire in some other room, is sufficient to ward off cold weather.

In December sets in and the time comes to start the steam heat or the furnace fire. This theory invariably results in damp chambers, some cold rooms, and a house that really, from a scientific and wholesome view, is actually dangerous.

The proper thing for the head of the house to do is to start his steam heat or furnace whenever the thermometer registers below 60, even if next day he allows the fire to go out.

As an old primary school teacher once told me: "Heat is life and cold is death." In other words, you may skin the coal man, but you have to pay the undertaker!

CANADIAN PACIFIC PACIFIC

The Short Line Montreal Express. OCEAN TO OCEAN PACIFIC EXPRESS.

Leave Montreal for New York via New York, Philadelphia, Baltimore, Washington, New Orleans, Mobile, Savannah, Charleston, Jacksonville, Tampa, St. Petersburg, Pensacola, Havana, Santiago de Cuba, Matanzas, Pinar del Rio, Cienfuegos, Sancti Spiritus, Camaguey, Sagua la Grande, Sancti Juan, Sancti Pedro de Macoris, Sancti Domingo, Sancti Juan de la Maguana, Sancti Juan de los Rios, Sancti Juan de los Caballeros, Sancti Juan de los Rios, Sancti Juan de los Caballeros, Sancti Juan de los Rios, Sancti Juan de los Caballeros.

Underdone bread is unwholesome, being hard of indigestion. Single loaves are more perfectly than double ones. Where three are baked together the middle loaf is apt to be underdone unless the end loaves are baked too much. Bread should be baked about 15 to 20 minutes with steady fire.

The Exact Time Required for Constitution. "As a certain purgative and stomachic medicine, Chamberlain's Stomach and Liver Tablets seem to be the exact thing required, strong enough for the most robust, yet mild enough for children, and without that terrible griping so common to most purgatives," says Dr. S. Webster & Co., Ltd., Ontario, Canada. For sale by S. N. Wear.

TOO THICK. "Inquire"—"Is it true that for 15 shillings I can ensure my house for a whole year against fire?" "Quite true, madam. If your house burns down we pay you a thousand pounds." "Enquire"—"And do you make any enquiries as to the fire origin?" "Certainly. We make the most careful enquiries."

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