

MILL FEEDS VERSUS STANDARD MEALS

(Experimental Farms Note)

An old proverb runs to the effect that in a fruit famine the hawk is welcome. With oats touching the dollar mark, corn around \$1.70, bran at \$15.00, linseed meal at \$90.00, and so on ad infinitum, the stockman is prone to have his charges unwillingly investigate the proverbial hawk.

By "Mill Feeds" is meant mill or commercial mixtures. Standard meals, for example, refers to such feeds as oat, linseed meal, cottonseed meal, etc. While there are several excellent mixed meals on the market, the wise buyer should look upon the ready mixed and appetizingly named feed or concentrate, with suspicion. It is guilty until proven innocent.

First, let it be understood, no purchaser need accept a food stuff on the oral guarantee of the seller. The Commercial Feeding Stuffs Act specifically states that the vendor of any brand of feed must furnish a guarantee as to protein, fat and fibre. Unfortunately, the Act in question, aside from the question of rigid enforcement, has too much latitude. Then, too, many feeders have not a sufficiently keen appreciation of the meaning and significance of guaranteed analysis. Price is the all-too-important factor. There is too much tendency to purchase mixtures, the main virtue of which is an excellent advertising campaign, and a perfect delineation of the art of camouflage, and to lose sight of the fact that the component parts supposed to be present in such feeds may be purchased in standard quality, mixed at home, and obtained at frequently a lesser price than the ready-mixed article.

If one has not, then, the knowledge to interpret the significance of analysis, (for which there should be no excuse, nowadays), there is a word of advice—stick to the Standard product and mix at home.

There are three mechanical factors which the feed manufacturer may cleverly utilize in compounding a feed, so that it may appear that which it is not—fine grinding (super-line nowadays), change of colour and flavour, and thorough mixing. The first needs comment none other than congratulatory to the man who invented a machine capable of reducing hulls to dust; the second refers to the use of such supplements as low-grade molasses, salt etc., additions to a ration, of which, will frequently cause delighted comment as to the manner in which it is cleaned up (the milk pail is no heavier); the third, to the thorough mechanical mixture of the finely ground component parts,—like whitewash, covering a multitude of sins and sinners.

Aside from the basic or standard parts of the mixed feed, by which parts are meant for example, corn, oats, barley, peas, shorts, bran, etc., etc., what may be added to obtain bulk and profit? Answering in an Irish way—why do the manufacturers of rolled oats for example, in nearly all cases, market stock foods as well? Hulls, small oats and mill refuse,—the market for them in the straight form is limited. And the fact that the most reputable firms as mentioned, manufacture a side line of, in several cases, excellent merit for the sole purpose of unostentatiously palming off a trouble-some by-product, is an indication of what may be expected from the fly-by-night concerns. When offered barley-feed, or oat feed, or corn feed, from any but a reliable firm, stop, look, and listen. There is a reason.

Besides the addition of excess fibre in the form of hulls, there has been, more particularly of late, a more insidious form of adulteration to many commercial mixtures. The by-product of the Western elevators, known as screenings, has, where of standard content (re-cleaned screenings) a very high value in the feeding of certain kinds of stock. Such has been definitely and conclusively proven by the Experimental Farms System. The latter institution together with many private individuals has, however, had proof, conclusive and unfortunate, that this product has not always been standard. Further, it would appear that the reuse by-

product of this material to which the manufacturer may have access, with the upshot that there are mixtures on the market today which aside from merely including a percentage of screenings, actually make use of the by-product as a basis. The combination of screening offal, oat hulls, chaff, sweepings, and molasses, with what the chemist terms, when in doubt, a "trace" of flour, bran, corn and flax, is a fearful and wonderful, though accomplished fact.

There can be no objection to the use of standard re-cleaned screenings in a commercial feed mixture provided the price is equitable. It is good feed, though it may darken and therefore render less attractive the finished product. Certain of the weed seeds contained in uncleaned screenings or in screening offal have been shown to be actually poisonous to stock. True, they may be bitter, but, then, molasses is a faithful corrective. To sum up, the purchaser pays a stiff price for the possibility of a low grade, non-productive feed that has the further potentialities of polluting his farm and injuring or destroying the health of his stock. The adoption of, and rigid adherence to, a high standard of elevator screenings will render procurable a most desirable feed, comparable to the standard meals to which reference has already been made. The undesirable second by-product should be controlled absolutely and placed where it cannot be of temptation to the unscrupulous manufacturer in Canada.

Reject barely, frosted wheat, musty corn, damaged grain generally, may all find their way into the commercial mixture, attractively priced as compared with the standard meals. In fact, the third degree applied to the past-master of the art of commercial meal mixing, would possibly reveal truths stranger than fiction.

When buying commercial mixture then, deal with the reputable firm. They sell under inspection and analysis and tell the truth, if not necessarily all of it. In a continuation of this article, the question of standard meals and mixtures thereof will be dealt with. G. B. ROTHWELL, Acting Dominion Animal Husbandman.

ROUND HILL

Miss Marjorie Whitman returned to Hantsport Monday, Dec 8th.

Mrs. Robinson and son Maurice returned from Halifax last week.

Mr. Ernest Gibson, of Halifax, is with his mother, Mrs. Fanny Gibson.

Miss Nina Starratt returned home to Paradise on Monday, Dec 8th.

Mr. J. Verner DeLaney was in Annapolis Royal on Thursday, Dec 11th.

Mr. Owen Evans had his arm and wrist badly injured while moving a hay press Dec 11th.

Miss Mildred Fair, of Mochele, spent Sunday, Dec 7th, with her cousin, Miss Gladys Whitman.

Mrs. Fannie Gibson, has returned home from Dalhousie after spending about a month with her son, Mr. Myres Gibson.

NICE PROFIT

A St. John citizen a few days ago purchased a barrel of apples for which he paid \$6.25. In the barrel he found a card with an address of a farmer in an up-river district asking the purchaser to let him know who bought the apples and the price paid. For curiosity sake the buyer gave the desired information and received a letter from the farmer in return saying that the apples for which he had paid \$6.25 had been sold by him for \$2.50. This explains to some extent the high cost of living.

His Peculiarity

A man who was in the habit of stuttering was asked why he did so. "That's my p-p-peculiarity," returned the man. "Everybody has his p-p-peculiarities." "I have none," asserted the other. "Don't you s-s-stir your t-t-tea with your right h-h-hand?" "Yes!" "Well, t-t-that's your p-p-peculiarity. Most p-p-people use a s-s-spoon."

INSPECTS FISH INDUSTRY HERE

Lord Leverhulme Amazed at Proportions

(Boston Herald)

Following a detailed inspection of Boston's water front, particularly parts relating to the fishing industry, Lord Leverhulme, recent British guest of the Chamber of Commerce, has made interesting comparisons between Boston and England. The English visitor asserts that Great Britain lays great stress upon its fishing industry but that it cannot be compared with that of Boston.

He expressed absolute amazement when showed figures proving that the Bay State Fishing Company alone handled more than 75,000,000 pounds of fresh fish in a year and made a detailed inspection of methods employed in such a large business on New street, East Boston, and declared it was far superior to anything of a like nature in England. Lord Leverhulme intimated strongly, during the course of his inspection, that he would make an attempt to introduce Boston methods in English fishing.

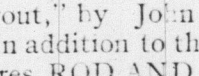
DECEMBER ROD AND GUN

Away down on the storm swept coast of Nova Scotia, lives Bonny-castle Dale, the well-known naturalist who contributes interesting articles to ROD AND GUN IN CANADA. A few years ago he lived on the coast of the Pacific Ocean gathering specimens and photos of Canadian Wild Life. December issue of ROD AND GUN IN CANADA tells the interesting story of how he spent one Christmas Day amongst the harbor seals, sea urchins and varied water life of the Gulf of Georgia. Other interesting stories and articles included in the issue are: "The Keyholed Bullet," by the skilled writer of Nature stories—George Gilbert; "In the Basin," by H. C. Haddon; "Silver Tip—A Tale of the Far North," by Robert E. Hewes; "The Propagation of Brook Trout," by John W. Titcomb. In addition to these splendid features ROD AND GUN IN CANADA for December contains the usual high class Fishing, Guns and Trap Line Departments. W. J. Taylor, Limited, Woodstock, Publisher. A. J. BURNS, Bridgetown, local agent.

GENUINE ASPIRIN HAS "BAYER CROSS"

Buy From Factory and Save Money

Tablets without "Bayer Cross" are not Aspirin at all



Get genuine "Bayer Tablets of Aspirin" in a "Bayer" package, plainly marked with the "Bayer Cross". The "Bayer Cross" is your only way of knowing that you are getting genuine Aspirin, prescribed by physicians for nineteen years and proved safe by millions for Headache, Neuralgia, Gout, Rheumatism, Lumbago, Neuritis, and for Pain generally. Made in Canada. Handy tin boxes of 12 tablets—also larger sized "Bayer" packages.

Aspirin is the trade mark registered in Canada, of Bayer Manufacturers of Annoniac, Montreal, of Salicylic Acid. While it is well known that Aspirin means Bayer manufacture, the Tablets of Bayer Chemical Ltd. will be stamped with the "Bayer Cross" trade mark, the "Bayer Cross".

Sales will be made in small lots and shipped to your nearest station. Choice family boxes supplied.

Smoked Herring, in small and large boxes. Boneless Herring, 5 and 10 lb. boxes. Dried Cod, Boneless Cod, Dried Pollock.

LEONARD GUPTILL GRAND HARBOR Grand Manan New Brunswick

Our Prices are Always Right on Family Groceries Meats, Fruits and Confectionery

WM. A. HOWSE Queen Street Telephone No. 51

COAL! Place Your Orders for Inverness Coal Sydney and Hard Coal Edwin L. Fisher

Princetonale Sorry to report Mrs. Jane Wright seriously ill at the home of her son, Geo. Wright.

Mr. Wm. Keam arrived from Five Mile River Thursday to spend the holidays with friends here.

Mrs. J. Robar returned to her home in Virginia East Wednesday after spending two days with Mrs. J. A. Fraser.

Mrs. C. Peters, of Wilton, N. H., who has been spending a few weeks with her sister, Mrs. Forman Wright, went to Clementsvale Monday to visit relatives there.

HOT STUFF Restaurant Guest—Everything you have brought me is stone cold. Pqite waiter—Here is the mustard, an pepper, sah.



THE PRIMARY CAUSE

of most sickness is neglect of the liver. Constipation follows. The poisonous matter which should pass out of the body spreads through the system. That is the cause of all headaches, sore throat and all other ailments and these troubles are sure indications that the liver needs attention.

THE CURE FOR ALL LIVER ILLS IS HAWKES' LITTLE LIVER PILLS

SMALL, EASY TO TAKE, SUGAR COATED.

DR. H. A. MCKEOWN, Chief Justice, New Brunswick Supreme Court writes:

"I feel Hawkes' Little Liver Pills an excellent liver regulator, and would recommend similar treatment in every case."

THE GREAT INDIANATOR. HAWKES' NETTIE AND STOMACH TONIC. BUILD UP THE SYSTEM. HAWKES' TONIC AND CHERRY BALM—A SAFE AND SURE CURE FOR ALL COUGHS AND COLDS. THE CANADIAN DRUG CO., Limited, ST. JOHN, N.B.

BANNER FRUIT CO. LIMITED

Warehouse Open Thursday and Saturday Afternoons

Five Roses Flour and Robin Hood Flour

Cor. Meal Bran Sho-ts Middlings Feed Flour Oats

BANNER FRUIT CO. LIMITED BRIDGETOWN, N. S.

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Popular Gifts for Christmas AT MAGEE & CHARLTON'S

Advertisement for Magee & Charlton's Hardware listing various items like coffee percolators, electric irons, thermos bottles, jack knives, watches, sleds and framers, carving sets, and silverware with prices.

MAGEE & CHARLTON'S HARDWARE Queen Street Bridgetown, N.S.

Xmas Goods

I have in stock a choice line of Oranges, Dates, Figs, Confectionery and an up-to-date supply of Family Groceries especially suitable for the Xmas trade.

JOS. I. FOSTER BRIDGETOWN Granville street Telephone 55

Flour and Feed

We offer at extremely close prices, Flour (Five Rose of Robin Hood), Middlings, Shorts, Bran and Oats. Every Barrel of our Flour is absolutely guaranteed.

J. H. HICKS & SONS Queen Street BRIDGETOWN, N. S.

Professional Cards section listing various services and professionals such as Owen & Owen, O. S. Miller, Shafter Building, Herman C. Morse, Barrister, Solicitor and Notary, Insurance Agent, John Irvine, K. C., Dr. C. B. Sims, Dr. F. S. Anderson, G. E. Banks, Leslie R. Fairn, and Miss Georgina Bancroft.

MORSE'S ORANGE PEKOE advertisement featuring an illustration of a woman and child, with text describing the product's refinement and delicacy.