

## DEAN'S DAIRY COLUMN

### Three Big Questions Answered for Milk Dealers.

Shall I Sell Milk or Cream?—Should Cows Be Fed on Turnips?—How to Pack Butter for Keeping.

(Contributed by Ontario Department of Agriculture, Toronto.)

Shall I sell milk or cream? This will be determined to a large extent by the character of the farming operations. If the need for direct, quick cash in largest amount is great, then selling milk will best "fill the bill." On the other hand, if the dairy farmer can afford to wait for the slower returns from cream and live stock, and particularly if he desires to improve or maintain soil fertility, then selling cream is to be recommended.

Nearness to market is another factor. Where the dairyman is near a small town and has the time to "peddle" milk, he can make more money out of his cows than by any other system. At ten to twelve cents a quart, a good cow will return from \$250 to \$300 per year for her milk. When this is compared with \$100 to \$150 per cow, where cream is sold, or milk sent to a cheese factory or condenser, we see what a decided money advantage there is in selling milk to customers direct.

But this plan robs the young things on the farm—often the farmer's own children—of needed milk supply, hence many farmers are content with less ready cash in order to have better and more live stock, and consequently richer soil, which, after all, is the basis of good farming.—H. H. D.

#### Should Cows Be Fed Turnips?

This is an old question about which considerable difference of opinion exists. If my reader is Scotch, he or she will likely answer the question by saying, "Yes," as Scotchmen, turnips, and good farming are three things usually found together on farms in Ontario.

There was a time when butter buyers were not so particular about the flavor of butter as they are at present. It is common to hear women purchasers on city markets, say to farm butter-makers, "Your butter is turnip," which is sufficient to cause a loss of the sale. Cream-erymen object very strongly to "turnip cream." While it is doubtless true that some careful feeders are able to feed quite large quantities of turnips to cows giving milk, without causing any serious trouble, there is always danger, which can best be avoided by not feeding these to milking cows. If they are grown on the dairy farm they are best fed to dry cows, fattening cattle, young stock, pigs, etc. However, if they are fed in the stable where cows are milking, and more especially where the root house opens into the stable and where the turnips are pulped in the stable or in a feed-room adjoining, the odor of the turnips fills the air, which is carried into the milk pail at the time of milking, and thus the milk, cream, and butter become tainted from the stable air, even though the milk cows may not be fed any of the turnips.

The safest plan is not to grow turnips on a dairy farm. Grow mangels, or sugar beets, and corn for silage. These crops will give as good returns as turnips, are no more expensive to grow, and are much safer. "Safety First" is a good motto on a dairy farm.—H. H. D.

#### How to Pack Butter for Keeping.

The first point to observe in the packing of butter, in order to have it keep well for winter use, is to have good butter. The best butter for packing is usually made in the months of June and September. It is preferably made from comparatively sweet cream which has been pasteurized. However, on the farm pasteurization is not commonly followed, hence the butter should be made when the weather is comparatively cool, and the cream should be churned before it becomes very sour. In fact, the sweeter the cream the more likely it is to produce good keeping quality in the butter, so long as there is sufficient acid on the cream to give good churning results. The cream should be churned in the usual way, except that the butter may be washed once with brine, which is made by dissolving salt in water, instead of using water at both washings. Salt at the usual rate, but not over one ounce of salt per pound of butter, because salt does not preserve butter, as is commonly supposed, except in a minor degree for unpasteurized cream butter. It is a mistake, however, to add so much salt that the fine flavor of the butter is covered up.

Having worked the butter as usual, pack it firmly into crocks, tubs or boxes. If unpasteurized wooden packages are used, these should be soaked several days in salt water to prevent "woody" flavor in the butter. A better plan is to coat the inside of the tub or box with hot wax, then line with heavy parchment paper, before packing the butter. Glazed crocks which are clean need no lining.

When the package is full, preferably all from one churning, smooth the top of the butter, cover with parchment paper or a clean cotton cloth, then tie heavy brown paper over the top and place in a cool cellar, or in cold-storage. Sometimes a salt paste is put on top of the cloth or paper, and this is kept moist by sprinkling on water from time to time. This excludes the air and helps to keep the butter.

We recommend packing the butter in solid form which is to be kept for some time, rather than holding it in prints, even though these may be submerged in brine.—H. H. Dean, G. A. College, Guelph.

## County Council

(Continued from page 1)

pump in front of his garage in the village of Selkirk on County Road No. 7 providing he furnish the usual bond of indemnity.

W. G. Clark, Chairman.

Report adopted as read.  
Clark-Miller—That a by-law be prepared and read a first time designating 65½ miles of additional County roads making provision for the following amendment as required by the Provincial Department of Highways, viz: Walpole No. 20, known as centre side road commencing at Provincial road No. 5, and going south to Concession 8, crossing Provincial road No. 4, carried.

By-law read a second and third time and passed.  
The report of Finance committee was then read as follows:

Gentlemen,—We, your Finance committee, have met and recommend the following accounts to be paid:

J. C. Eccles, att'g court 1 day	\$ 4 00
Haldimand Advocate, printing	17 83
Dr. McGhie, examining Charles Greenboy	5 00
Children's Aid Society, maintenance of ward for May	138 84
Children's Aid Society, maintenance of ward for June	74 00
Erie Tel., account to July 30	20 00
Haldimand Advocate, printing minutes	15 00
Hagersville News, printing minutes, two months	3 00
Miss L. M. Patterson, attending court from May 13 to July 13	58 80
G. P. Brown, House of Refuge	679 98
L. Werner, postage to July 31	15 00
Victoria Industrial School, Ed. Blake Moore	15 00
Victoria Industrial School, Hay Bilyard	15 00
Victoria Industrial School, Hay Bilyard, to arrears	61 00
Grand River Schem, printing	14 00
Grand River Schem, for Inspector of School	84 00
C. R. Bilger, insurance for \$5,000 on House of Refuge Policy No. 1074	75 00
J. W. Sheppard, telephone acct.	90
Aldridge Co., Caledonia, lumber	22 92
Marshall Lindsay, plank, hauling same	82 00
Jesse Weaver, building Nelson bridge and for spikes	11 50
Jos. Hill, grading Nelson bridge	3 25
C. E. Bourne, law costs, Jarvis	8 46
John Wellesby, Hagersville R. 6, witness fees	1 60
Wilson Jamieson, Hagersville R. 6, witness fees	1 60
Chusey John, Hagersville, R. 6, witness fees	1 60

#### Provincial County Roads Construction

Canada Ingot Iron Co., Guelph, R. Culvert

J. W. McBurney, Jarvis, tile

W. J. Bailey, coal

Geo. C. Cottell, gas and oil, S. Cayuga

John McKeen, cutting woods, Hagersville

Hagersville Cont. Co., stone

Alfred Best, comm. on stone, S. Cayuga

Pearson Bros, hauling, Hagersville

Alb. Schurr, hauling, S. Cayuga

Chas. L. Stephens, auto service, S. Cayuga

A. Stephens, coal and oil, Dunnville

Congdon & Marshall, repairs, Dunnville

The Wm. Shilton Co., repairs, Dunnville

Imperial Oil Co., Hamilton, oil and grease

Thomas Clark, Dunnville, damage to house

#### County Road Construction

W. J. Smith, Hagersville, repairs

Canadian Explosives, dynamite

Laidlaw Bros, Hagersville, truck service

Bain Wagon Co., Woodstock, repairs

Hagersville Cont. Co., stone

Alfred Best, Cayuga, comm. on stone service

W. W. Jennings, insurance

Wm. Shipway, Cayuga, No. 5, 689 yards gravel

A. Bailey, Hagersville, plank

Dom. Road Machinery, Goderich, repairs

W. S. Hydespeth, auto service

Canada Ingot Iron Co., Guelph, grader and culverts

Wm. Hagan, self and tractor

C. J. Smelser, Hagersville No. 2, 587 yards stone

Wm. Doyle, Caledonia, No. 3, gravel

Haldimand Advocate, pub notice

Imperial Oil Co., oil and grease

Workmen's Compensation Board

J. H. Charles Co., grate bars

Sawyer-Massey, road grader, etc.

Jos. Winger, Fisherville, tile

D. Dashwood & Son, repairs

Jas. Sheldrick Estate, repairs

F. E. Sheldrick, Selkirk, smoke stack

C. E. Fiebig, coal

A. Schuen, hauling stone

Pearson Bros, hauling stone

W. H. Lishman, tile

John Mehlbacher, spring

W. J. McFarlane, repairs

Earl C. Shier, Selkirk, oil

M. F. Derby, oil and grease

Armstrong & Sternaman, gas

W. Edwards, repairs

H. J. Hosball, insurance

Thos. G. Scott, repairs

All of which is respectfully submitted.

W. T. Wilton, Chairman.  
Report adopted as read.

Berry-Miller—That this council endorse the action of the Warden and Treasurer in taking up thirty thousand dollars on Good Roads account, carried.

Toohy-Montgomery—That the council take up thirty five thousand dollars for the Good Roads account from the credit obtained from the Canadian Bank of Commerce, carried.

Montgomery-Yocum—That our Solicitor be instructed to collect all monies due on the Springvale road, No. 8, carried.

Yocum-Gleny—That we go into a committee of whole with Dr. Berry in the chair, carried.

Smelser-Buckley—That we resume business with the Warden in the chair, carried.

The report of the Committee of the Whole was read as follows and adopted: Gentlemen,—We, your committee of the Whole, recommend that we pay G. P. Brown the sum of \$25 for the use of his piano for religious services in the House of Refuge.

The committee then adjourned.  
R. N. Berry, Chairman.

The Road and Bridge committee report as follows:

Gentlemen,—We, your Road and Bridge committee have met, and beg leave to report that we have examined Leomas creek bridge and have decided to build same, the cement structure to be a 40-foot span with an earth fill on either side and therefore recommend that plans and specifications be secured at once and tenders for same asked for in the usual way and that the same be left with the chairman of this committee and the Reeve of North Cayuga.

N. Buckley, chairman.

Report adopted as read.

Clark-Doyle—That we adjourn to meet August 11 at 10 a.m. carried.

#### Wisdom of Betty.

We had a family picnic. When we had eaten our supper we sauntered slowly out of the park toward the car line. Suddenly, Betty turned and ran quickly back toward the spot where we had eaten.

"Betty, come quick," said mother.

Betty ran faster, without any excuse for her conduct.

"What are you going back for? Why don't you come when I call?" cried mother to Betty's retreating back.

"Just a minute, mother," replied Betty. "I want to get my gum. I parked it on one of the benches."—Chicago Tribune.

#### Flee Imprisoned in Amber.

The proverbial "fly in amber" is strikingly exemplified in a collection of red amber from Burma recently presented to the British Museum. The amber is unusually rich in insects, including, according to an English authority, who has examined the material, thirty-one new species, of which five are types of new genera. Most of these are found in a block of amber rather larger than a man's fist. This has been cut into slices about half an inch thick. Nearly every large order of insect is represented with the exception of ants.

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W. T. Wilton, Chairman.

Report adopted as read.

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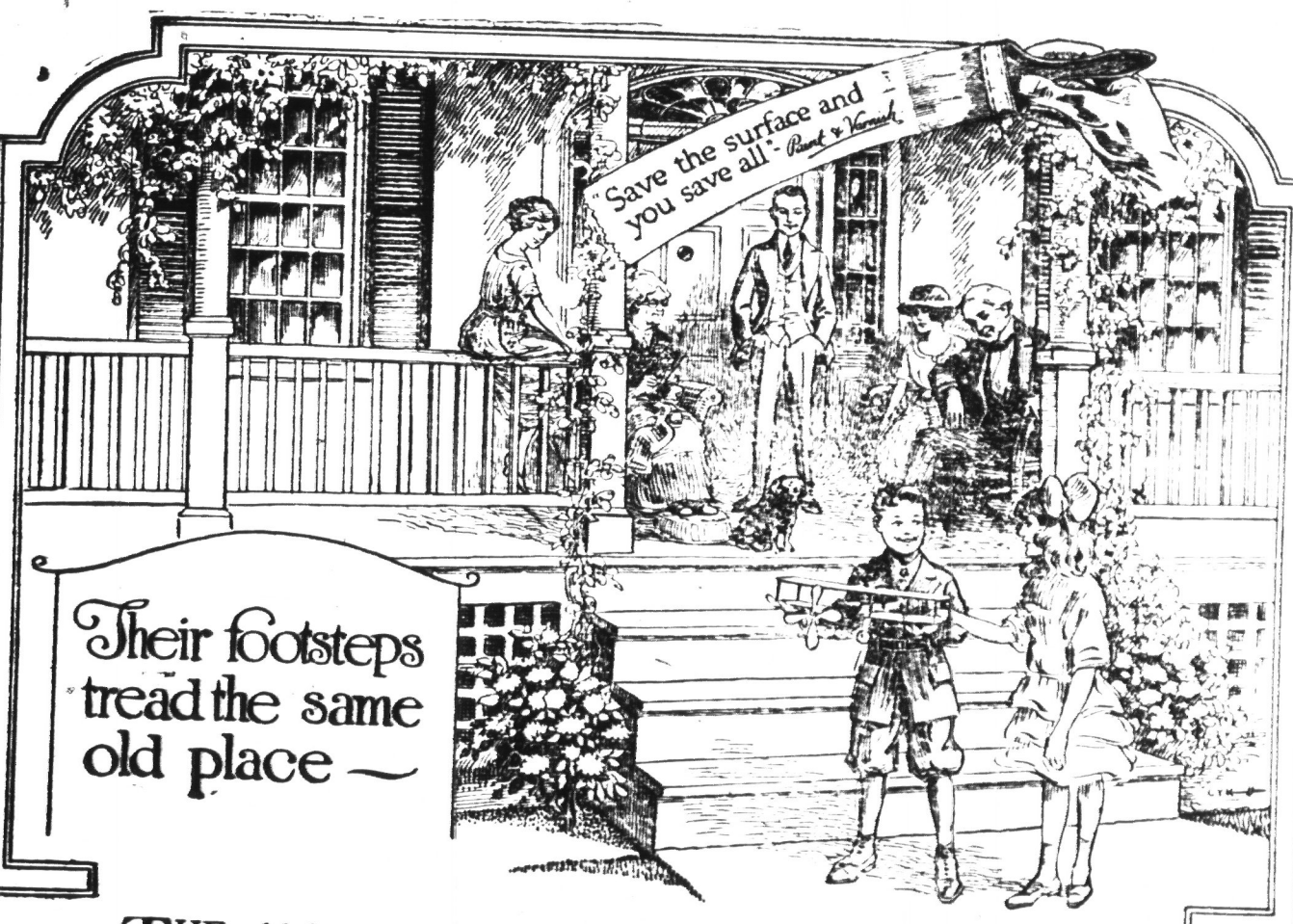
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