

PRACTICAL RESULTS OF CO-OPERATION.

Packing and Marketing Fruit.
Purchasing Supplies.

For the past three years the Fruit Division, Ottawa, has been earnestly advocating co-operation among fruit growers, not only in marketing their products, but in many other ways as well. It has been pointed out that beginners might co-operate to buy the trees best suited to their district at the lowest price; that uniform methods of orchard management might be adopted in order to ensure a uniform quality of fruit, that effective and systematic spraying might be secured by means of power outfits, serving a neighborhood in the same manner as the threshing machine; that cheaper supplies, such as implements, chemicals for spraying, and packages for shipping, might be obtained; and that by putting up co-operative packing houses at pre-ferred centres, uniform grading and packing, with consequent easier sale at better prices, might be secured. This season apple buyers have not been competing as usual for the farmer's crop, and the prices offered for apples have been unusually low. A good many farmers have not been able to sell their apples at all and in consequence they are more or less disgusted with the fruit outlook. They have learned by bitter experience that it will not do to depend on the travelling buyers. They must co-operate in the packing and marketing of their apples if they desire to be reasonably sure of a fair return from their orchards.

The co-operative system of marketing has proved a great success in connection with the California fruit crop, the Texas tomato fruit and in many other cases in the United States. It is rapidly gaining ground in Canada, and the practical results of its operation at several Ontario points, are worthy of consideration by every orchardist. The Walkerton association, which started in a small way three years ago, established this season a central co-operative packing house. To this central point the members brought their apples in barrels which had been purchased through the organization. The apples were delivered in hay-racks, the bottoms of which were well covered with hay, or in spring waggons, and any found unfit for packing were returned. The various lots were not kept separate, but all were graded as they came in and the proceeds were divided among the members according to the quantity of each grade they supplied. The expense of packing was from ten to fifteen cents a barrel, which was less than the cost of packing in the orchard. This year eight cars of fruit were sold, including soft apples like Duchess and Astrachan, and for the entire lot prices ranged from \$1.75 to \$2.20 a barrel on board cars at Walkerton. The cost of barrels, packing, etc., had to be deducted from this, but without co-operation the apples would have been left to rot on the ground.

The Forest association was organized last spring and has a membership of about one hundred. This fall thirty eight cars of apples were shipped to the West and realized an average of \$1.90 for No. 1 and \$1.55 for No. 2, on board cars at Forest. The apples shipped were mostly Baldwins, Kings and Greenings, but included all marketable varieties. The association appointed its own salesmen to handle the fruit in the West. At first shipping from the orchards was tried, but it was soon found advisable to have two central packing houses. Instead of buying barrels the association bought the stock and had them made up, at a cost of about twenty-eight to thirty cents, as compared with forty-five cents charged by coopers. The railroad and steamship companies have been found much readier than formerly to give proper transportation facilities, and the results generally have been satisfactory to members. The cost of packing was about fourteen cents per barrel, but about six cents of this was made up by the sale of culls, all of which were sent to the evaporator.

The St. Catharines co-operative association shipped during the past year 400 cars of tender fruit and apples. Members in one township bought a power sprayer for co-operative use. All their baskets, Paris green and bluestone were purchased in the same way and at a considerable saving.

One of the pioneer co-operative associations of Ontario is that at Chatham, which has been in operation for seven years. The practical benefits have been very much in evidence there as elsewhere. This season forty-three cars of fruit were shipped to the West by the above organization.

These are by no means all the co-operative fruit associations, but the results achieved go to show that where farmers grapple intelligently with the problem of packing and marketing their fruit, there is no need for it to go to waste and a fair profit may usually be secured.

W. A. CLEMONS,
Publication Clerk.

Farm for Sale.

LOT NO. 53, CON. 3, GARAFRAXA Road, Bentinck, situated about 2 miles from Durbin. Contains 100 acres, 60 acres being in good state of cultivation, and the rest in good condition for pasture. There is a new frame barn 40 x 60, and a good frame dwelling house on the farm, with a good supply of spring water at both house and barn. For further particulars apply to JNO. McLUHAN, Mt. Forest, or JAS. BRYDON, Egerton, Executors.

Address and Presentation.

To Mrs. E. LIMIN.—
DEAR TEACHER:—We, the Pupils of Union School Section No. 3, Bentinck and Glenelg, feel that we are indebted to you for the able and efficient manner in which you have discharged your duties as our teacher during the past year. We fully realize that you have tried faithfully and by attending assiduously to your work have raised the school from a low to a high standard.

We, therefore, take great pleasure in presenting you with this Ruby as a small token of the estimation in which we hold the service you have rendered us, and hope as you use it, it will remind you of the days and weeks you spent in Latona School.

Signed on behalf of the School,

BEATRICE SIMPSON,
BELLA RAY,
MAGGIE MORTLEY.

It's What It Leads to

What makes Catarrh such a dreaded disease. If you have catarrh taint, dropping in the throat, if you hawk and spit and have a stuffed up feeling in your nostrils you should use fragrant healing Catarrhzone at once and get cured. Thousands have been saved from Consumption and completely cured by Catarrhzone, so there is no reason why you shouldn't stamp out your catarrh also. Catarrhzone will really cure you and prevent the disease from returning. It's very pleasant, just balsamic medicated vapor, no nauseous drugs. Absolute cure guaranteed to users of Catarrhzone; it can't fail, try it. Complete outfit \$1.00; sample size 25c.

Brighten The Lonely Homes.

Those who know the great West of Canada can easily picture to themselves the country, the scattered homesteads, the primitive shacks, the miner's huts, which are inhabited by those pioneers who are winning for us this vast and fertile territory at the cost of endless toil and hardship. Such conditions are inseparable from a new country, however full of beauty and natural resources. Where there are families of children, a little school house may be within reach during perhaps six months of the year, and possibly a church. The other resources of civilization are conspicuous by their absence.

There is the home, with its walls bare of pictures and ornaments; the little shelf in the corner with its treasures which have been read and

re-read, and on the table the little newspaper which is published weekly in the town twenty miles off, and which is the only source of information as to what is going on in the outer world. Think of the men, especially the bachelors, who are living out their lives amid these surroundings, who have to come back to them after their hard day's work. Think of the women who cannot have even the variety of getting away to the fields or the market, and who have to face the monotony and drudgery of the housework, year in and year out, if the children are to be cared for and the home kept together. Think of the children who are growing up amid this environment.

What can be done to brighten the homes of those who live twenty or thirty or forty miles away from post office or village, and where neighbors are few and far between? The Aberdeen Association is answering this question by distributing large quantities of good reading matter, picture games, flower seeds, etc., among those who cannot afford such things for themselves. Unfortunately the supply is entirely inadequate. In most Canadian homes there are quantities of books, magazines, pictures, Christmas cards, calendars, and so on, that are looked upon as useless lumber, and yet these would be greatly appreciated by many isolated families. Why not start now to send a parcel of the best of these things at regular intervals to the nearest branch of the Aberdeen Association for distribution? What could better exemplify the spirit of good will to men that prevails at the Christmas season? The branch organizations are at Brandon, Calgary, Halifax, H. Milton, Kingston, London, Montreal, Ottawa, St. John, Toronto, Vancouver, Victoria and Winnipeg, and there are local secretaries at each place to whom parcels should be addressed. The general secretary is Mr. C. F. Whitley, Dept. of Agriculture, Ottawa, who will gladly give further information concerning the work of the Association.

Stomach Troubles.

A disordered stomach may cause no end of trouble. When the stomach fails to perform its functions the bowels become deranged, the liver and kidneys congested, causing numerous diseases, the most fatal of which are painless and therefore the more to be dreaded. The important thing is to restore the stomach and liver to a healthy condition, and for this purpose no better preparation can be used than Chamberlain's Stomach and Liver Tablets. For sale by H. Parker.—1

Lake Cayuga's Mysteries.

Lake Cayuga is one of the wonders of the eastern states. It is situated in west central New York and is upward of forty miles in length, with an average breadth of but three miles. One of its peculiarities is this: Although hundreds of persons have been drowned in its waters since the settlement of the adjacent territory, not a single corpse has so far been recovered, and it is a common saying that "Lake Cayuga never gives up its dead." Those who have made an attempt to fathom this mystery say that the bottom of this remarkable sheet of water is simply a series of large openings and craterlike cavities, the entire lake bed having the appearance of being one huge honeycomb, each of the well-like holes being reputed to be bottomless.

Another Cayuga mystery is its irregular tides. There is no stated time for their appearance, but when they do come they are very decided, the water often instantly receding 50 to 100 feet and as quickly returning with a roar that can be heard for miles.—Exchange.

The "Magic Mirror" of Japan.

The "magic mirror" of Japan is a disk of bronze, usually from six to eight inches in diameter. It is silvered on the front, which is a little convex, and there is a raised pattern on the back, which is rather concave. The polished pattern is generally a landscape, flowers, animals or Chinese characters. It is not visible in the front of the mirror, but when strong sunlight is reflected from the front of the mirror to a wall or screen the pattern of the back is visible on the screen in bright lines on a black ground. Professor W. E. Ayrton, F. R. S., with Professor John Perry, F. R. S., was the first to give the true scientific explanation of this magical effect. It seems that the design on the back alters the convexity of the front, making it flat—in fact, along the lines of the pattern. Consequently the light reflected from the front is not dispersed at these points of the design, and they appear brighter on the screen.—London Globe.

Fighting the Inevitable.

Nearly all great scientific discoveries have been combated and misunderstood even by the intelligent. Even Sir Charles Napier fiercely opposed the introduction of steam power into the royal navy and one day exclaimed in the house of commons:

"Mr. Speaker, when we enter her majesty's naval service and face the chances of war we go prepared to be hacked in pieces by cutlasses, to be riddled with bullets or to be blown to bits by shot and shell; but, Mr. Speaker, we do not go prepared to be boiled alive."

The last words he brought out with tremendous emphasis. Steam power in men-of-war, with boilers which at any moment might be shattered by an enemy's shot—this was a prospect he could not face.

Yet in a few years he found himself in command of the largest steam navy the world had ever seen.

A Mathematical Puzzle.

Here is a strange little puzzle, which has the same answer, independent of the fact that no two people solving the puzzle were born the same year and consequently use the same figures. Write down the figures of the year you were born and from this take away four. Add your age at next birthday if it comes before January, otherwise your age at your last birthday. Multiply the result by 1,000 and from this deduct 65,423. Substitute for the figures corresponding letters of the alphabet, as A for 1, B for 2, etc. The result is a Chinese table delicacy which is used in this country for electioneering purposes. Strike out the first letter and transpose those that remain to form a word.

Anaemia.

The word anaemia is of modern origin. It was first mentioned by Albert Michel in 1732 in a thesis entitled "De Anaemia." However, if the nomenclature is new, the morbid condition indicated by the word was at all times well known. Hippocrates devoted several pages to a description of this particular condition, but Halle was the first to apply the term to a malady which was prevalent in 1802 among the miners of Anzin, in the north of France, and of which he gave a detailed description.

A Candid Critic.

Candid Critic—Awfully good song that! You ought to be with Carl Rosa. Jones (feeling rather flattered)—Really, do you think so? Awfully kind of you to—er—but Carl Rosa is dead. Candid Critic—Yes, I said you ought to be with him.—London Tatler.

Tommy Knew.

Mamma (to a friend who is lurching with her)—I don't know why it is, but I always eat more when we have company than when we're alone. Tommy (helping himself to a third piece of cake)—I know why it is—'cause we have better things to eat.

Its Sustaining Power.

"A hundred dollar bill will sustain a weight of forty-seven pounds lengthwise," says a treasury statistician. It will also sustain a man for a couple of months in a fairly good boarding house.

Sudden.

Tom—But isn't your love for Miss Plannum rather sudden? Jack—I suppose so. But, you see, her rich aunt died rather suddenly.

Changeable.

Parke—He says he dresses according to the climate. Rowe—if he did that he wouldn't have time to do anything else.

THE CASH STORE. H. H. MOCKLER.

We wish all our Customers and Friends

A Very Merry Christmas

THERE are a few things which you will have to buy Friday or Saturday. The prices which we are making on all lines of Christmas Groceries should ensure a large crowd of shoppers for Friday and Saturday. All the goods listed below are of the very finest quality.

- Choice Walnuts, per lb, 15c
- Choice Almonds, per lb, 15c
- Choice Filberts, per lb, 15c
- Choice Turkish Layer Figs, per lb, 15c
- The best Mixed Candy made, 3 lbs for 25c
- Fine Chocolates, per lb, 15c
- Choice Table Raisins, per lb, 20c
- Choice Holly and Mistletoe at lowest prices

Remember

We have one of the largest stocks of Christmas Dry Goods in town. Also the largest and prettiest assortment of Handkerchiefs. Our new Neckwear for ladies and gentlemen shows many new things in shapes and colors and are going rapidly.

One of our nice DOWN COMFORTERS or MARSEILLES QUILT will prove a very acceptable gift for the home.

We want to see all our friends Christmas Eve and wish them a Merry Christmas. We have a few CALENDARS left for those who did not receive one.

Highest Prices Paid for Fowl on Friday

We want lots of TURKEYS and GEESE and can pay big prices for them on Friday.

H. H. MOCKLER

FURS..

Their last call. 3 only Men's Fur Coats. 9 only Ladies' Astrachan Fur Jackets, just a dozen coats in all. If you are interested in a fur coat, now is the time to buy one and save money. We won't take stock of them, for we'd rather take the money.

Our Stock-Taking Sale Is Now On.

That means great reductions in all lines of winter goods. The following are a few of the many lines where prompt buying will effect great savings for you.

DRESS GOODS.

WRAPPERETTES.

WOOL BLANKETS.

MEN'S AND BOYS' REEFERS

OVERCOATS.

READY-MADE CLOTHING.

MEN'S LEATHER AND KID MITS AND GLOVES.

MEN'S, WOMEN'S AND CHILDREN'S UNDERWEAR.

Rubber Goods.

We still have all sizes of Lumbermen's Rubbers in several different styles and qualities. These we will sell at out prices rather than carry them over.

Lumbermen's Socks and Leggings must be cleared, and soon, to. You have three months to wear them, but we have only a few days till stock-taking.

JAS. IRELAND

REMEMBER THE PLACE - LAIDLAW'S OLD STAND.

Every Dollar Will Help Canada's Greatest Charity Every Dollar Will Help

Canada's Greatest Charity
"If there be some weaker one, give me strength to help him on."—WHITTIER.

A Winning Fight Against Consumption

LARGE DECREASE IN DEATH-RATE SINCE THE OPENING MUSKOKA HOMES FOR CONSUMPTIVES.

1896 "The Consumptive Under Sentence of Death."
1904.—CONSUMPTION FAST BEING STAMPED OUT!

Government Reports Show Decrease of 40 per cent. in 3 years.

Deaths in Ontario Reduced During the Past Three Years from 5,458 to 2,672, notwithstanding an Increasing Population.

IN TEN YEARS, WHY SHOULD THERE BE 200 DEATHS IF NECESSARY MONEY AND HELP BE GIVEN?

Following diagram, giving figures from the Report of the Secretary of the Provincial Board of Health, tells a wonderful story of a decreasing death-rate from consumption since the beginning of our crusade. Note that in the first four years there had been a gradual increase in the death-rate:

Year	Deaths from Tuberculosis in Ontario	Not Available	National Sanitarium Association Formed
1896	3154		
1897	3291	137	Muskoka Cottage Sanatorium opened
1898	3405	114	116 Patients Treated
1899	3484	79	147 Patients Treated
1900	3243	241	139 Patients Treated
1901	2694	549	186 Patients Treated
1902	2072	622	Free Hospital opened 234 Patients Treated
1903			321 Patients Treated

—\$400,000 has been expended by the National Sanitarium Association in 8 years to maintain and extend its work in Muskoka.

—1,500 Patients have been cared for in these Homes.

—Since the Muskoka Free Hospital for Consumptives was opened in 1902, not a single patient has ever been refused admission because of his or her poverty.

—Much more could be done if only the means were forthcoming. Will you help?

Contributions may be sent to Sir Wm. R. Meredith, Kt., 4 Lamb-
port Ave., Toronto, or W. J. GAGE, Esq., 54 Front St. West, Toronto.