

To Stamp Out Consumption.

The Canadian Association for the Prevention of Consumption and other forms of Tuberculosis, held its fourth annual meeting in Ottawa on April 20th and 21st. It is calculated that in Canada at the present moment between 30,000 and 40,000 persons are suffering from it, yet it is undoubtedly a preventable disease, and one that is curable in its earlier stages. The secretary, Rev. Dr. Moore, of Ottawa, during the year distributed by mail and otherwise over 100,000 leaflets on "How to Prevent Consumption," "Rules for Consumptives," etc.

The keynote of the convention was: "Live as much as possible in the open air." Fresh air, light and sunshine are most important preventives of consumption, and all rooms occupied by consumptives should be as well lighted and ventilated as possible. Living in overcrowded, ill-ventilated, dark, dirty rooms; insufficient or bad food; dissipation, or anything which enfeebles the constitution and thus impairs its power of resistance, is likely to facilitate the invasion of the system by the germs. These are found in vast numbers in the dust particles of the dried spit of the consumptive, and in the minute droplets sprayed into the atmosphere by the consumptive in coughing, consequently spitting about the streets or in buildings (churches, schools, theatres, railway stations, etc.), is a dangerous as well as a filthy habit.

The ideal place for treating incipient cases of tubercular disease is in the municipal fresh air sanatorium, where the patients may enjoy the best of care, without being altogether removed from the watchfulness of their friends and family physicians. It is for this reason mainly that the Nova Scotia Government has erected a sanatorium at Kentville, with a capacity for 18 patients. In the whole Dominion there are only four other institutions devoted to the treatment of consumption. Three of these are under private control and management, and one is the property of the National Sanatorium Association of Ontario. The total accommodation in all of these, with that in hospitals to which consumptives are admitted, probably does not exceed 200 beds. We are indeed poorly equipped for the fight, since the sufferers are so vast in number and so widely distributed as to require a home for consumptives in nearly every county. Only the hearty co-operation of the Dominion and Provincial Governments with the municipal councils seems likely to afford a satisfactory solution of the problem of dealing with what should no longer be the "great white plague." W. A. CLEMONS.

Binder Twine Prices.

The International Harvester Company (U. S.) have issued the following schedule of binder twine prices to the trade for the season of 1904:

Sisal	10 1/2c.
Standard	10 1/2c.
Standard Manilla (550 feet)	11 1/2c.
Manilla (600 feet)	12 1/2c.
Pure Manilla (650 feet)	13 1/2c.
Five-ton lots	1c. less.
Carload lots	1c. less.
Kansas City, Minneapolis, Omaha, Council Bluffs	1c. higher.
Pacific Coast points	1c. higher.

Compared with prices issued in March, 1903, these figures are a reduction of 1c. on Sisal and Standard, and an advance of 1c. on 600 feet and Pure Manilla, the price of Standard Manilla remaining the same. The foregoing variations are said to be due to changes in the cost of the raw fiber. For retail prices, it is said that from 1c. to 1 1/2c. would be added to the above figures, and also that Canadian prices generally will correspond with the above.

ILLUSTRATIONS.

Cossacks on the Line	634
Clear Lake Jute 2nd	635
Climax, Scotland's Banner, Ring-leader	637
Plan of Barn proposed by Mr. Thos. Johnston, Perth Co., for Mr. Jno. Caldwell, Barrie, Ont.	639
Florizel	639
Good Nest Box for Sitting	640
Prior's Hero	641
Black Diamond 13.1	644
Oro Wilkes 30347	644

EDITORIAL.

What Farmers were Thinking About 100 Years Ago	633
Seeding Operations	633
How to Reach the People	633
U. S. Beet-sugar Progress	634
HORSES.	
Selection of Sires from Standpoint of Soundness	634
Licensing Stallions	634
Horse Pointers	634
The Canadian Horse Show	635
STOCK.	
Buying Pure-bred Cattle	635

MARKETS.

Firmer tones have characterized the live-stock markets during the past week. Hogs, although heavy consignments were received, remained steady at advanced quotations. Dealing in prime butchers' cattle has been particularly brisk, but the export trade was lethargic, pending the opening of navigation on the St. Lawrence, when it is expected the stock in the country will come forward rapidly. Toronto quotations are:

LIVE STOCK.

Export Cattle—Extra choice, \$4.65 to \$4.90; choice at \$4.40 to \$4.50, and other at \$4.00 to \$4.25. Cows are steady at \$3.50 to \$4.

Butcher Cattle—Picked lots, \$4.40 to \$4.60 per cwt.; good at \$4.10 to \$4.40; fair to good at \$3.60 to \$3.85; rough to common at \$2 to \$3, and cows at \$2 to \$4.

Stockers and Feeders—Stockers, \$2.50 to \$4; and feeders at \$2 to \$4.15.

Milch cows, \$28 to \$57 each.

Calves, 3 1/2c. to 5c. per lb., and \$2 to \$8 each.

Sheep and Lambs—Export ewes, \$4 to \$4.75 per cwt.; bucks at \$3.50 to \$3.75; culls at \$3.50 to \$4.25; grain-fed lambs at \$5.50 to \$6.50; barnyards at \$4.50 to \$5.50 and springs at \$3 to \$6 each.

Hogs—\$5 per cwt. for light-weights, and \$4.75 for lights and fats.

GRAIN AND PRODUCE.

Toronto Wholesale Prices.

Wheat—90c. for No. 2, red and white, west and east; goose, 80c. for No. 2 east; spring, 85c. for No. 2, east. Manitoba Wheat—95 1/2c. for No. 1 hard; 94c. for No. 1 northern; 91c. for No. 2 northern; and 87c. for No. 3 northern, at Georgian Bay ports, and 6c. more grinding in transit.

Mil feed is steady, at \$17 for cars of shorts, and \$16 for bran in bulk, west or east. Manitoba Mill Feed—\$21 for cars of shorts, and \$20 for bran, sacks included, Toronto freights.

Barley—42c. for No. 2, 41c. for No. 3 extra, and 38c. for No. 3, west or east.

Buckwheat—49c. to 50c. for No. 2.

Rye—59c. to 60c. for No. 2.

Corn—41c. for Canada mixed, and 42c. for yellow, west. American—57c. for No. 2 yellow; 56c. for No. 3 yellow; and 55c. for No. 3 mixed, in car lots, on the track, Toronto.

Oats are firmer; 31c. for No. 1 white, and 30 1/2c. for No. 2 white, east. No. 2 white quoted at 30c. west. Peas—65c. to 66c. for No. 2.

Potatoes—American buyers are in this market, and, as a consequence, prices are 15c. to 20c. per bag higher. It is a long time since there have been any more potatoes coming forward than the demand can take care of, and further higher prices are likely if there is much buying here by U. S. interests. Cars on track are quoted at \$1.05 to \$1.10, and out-of-store stock at \$1.15 to \$1.20.

Maple Syrup—Pure stock, \$1 per imperial gallon.

Beans—Quiet, at \$1.65 to \$1.75 for hand-picked; \$1.50 to \$1.60 for prime, and \$1 for undergrades.

Detroit—Beans, cash, \$1.75; futures, \$1.80 per bushel.

Honey—Prices are steady, at 6c. to 6 1/2c. for bulk, and \$1.25 to \$1.50 for frames.

Baled Hay—\$9 to \$9.50 per ton for car lots, on track here.

Baled straw—Car lots on track, \$5 to \$5.50 per ton.

Butter—The demand is light, and only for the best kinds; creamery, prints, 18c. to 20c.; dairy, pound rolls, choice, \$13 to 14c.

Cheese—Arrivals of new cheese are fairly large, and they are quoted easier at 9c. per lb. for large and 9 1/2c. for twins. Old large is selling steady at 10c. per lb.

A special London cable says: The market is again weak and demoralized, and although holders have made a further concession, the lower price does not help sales.

Eggs—There has been a sudden falling off in receipts, and the market has stiffened up. About 14c. to 14 1/2c. are the ruling prices. The demand continues active.

Montreal Wholesale Prices.

Carloads of No. 3 oats, Montreal inspection, are be-

ing turned over at 37c. in store, and Peterboro No. 3 at 35c. in store; No. 2 oats, 38c. Peas, 72c. to 72 1/2c. afloat, May; No. 2 barley, 50c., and No. 3 extra, 49c.

Flour—Manitoba patents, \$5.10; strong bakers', \$4.80; winter wheat patents, \$5 to \$5.25; straight rollers, \$4.70 to \$4.85; straight rollers, in bags, \$2.25 to \$2.30.

Feed—Manitoba bran, in bags, \$19 to \$20; shorts, \$21 per ton; Ontario bran, in bulk, \$19 to \$20; shorts, \$20.50 to \$21.50; mouille, \$26 to \$28 per ton, as to quality.

Hay—The market is steady; No. 1, \$10 to \$11; No. 2, \$8.50 to \$9.50; clover, mixed, \$7.50 to \$8; clover, \$7 to \$7.50 per ton, in car lots.

Beans—Choice primes, \$1.45 per bush.; \$1.40 in car lots.

Provisions—Fresh-killed abattoir hogs, \$7.50 to \$7.75; live hogs, \$5.25 to \$5.50.

Eggs—New-laid, 14c. to 14 1/2c.

Butter—New-made, 15c. to 16c.; Western dairy, 13c.; rolls, 11c.

Cheese—Ontario, full-made, 8 1/2c.; new fodder, 7c.

Retail Prices, Toronto Street Market.

Wheat, white	\$0.90 to \$0.93
Wheat, red	90 to 92
Wheat, goose	74 to 78
Wheat, spring	88
Oats	38 to 41 1/2
Barley	45
Rye	62
Buckwheat	46
Peas	65
Hay, No. 1 timothy	11.00 to 13.00
Straw, sheaf	10.00
Dressed hogs	6.25 to 6.75
Butter	18 to 20
Eggs, new-laid	14 to 15
Fowls, per pound	10 to 11
Young chickens, pair	75 to 1.50
Turkeys, per pound	15 to 18
Apples, per barrel	1.50 to 2.50
Potatoes, per bag	1.00 to 1.10

Canadian Live-stock Shipments.

Statement of live stock shipped from the ports of St. John and Portland, for the week ending April 23rd, 1904, as compiled by Robert Bickerdike & Co., Ltd., Dominion Live-stock Exchange, Montreal: Cattle, 2,012; sheep, 899.

Chicago Markets.

Chicago.—Cattle—Good to prime steers, \$5 to \$5.60, medium steers, \$3 to \$4.50; Texas-fed steers, \$4 to \$4.80. Hogs—Mixed and butchers', \$4.80 to \$5; good to choice heavy, \$4.90 to \$5. Sheep—Good to choice wethers, \$4.75 to \$5.65; fair to choice mixed, \$3.75 to \$4.75; native lambs, \$4.25 to \$5.90.

Buffalo Markets.

East Buffalo.—Cattle—Prime steers, \$5.10 to \$5.35; shipping, \$4.50 to \$5; butchers', \$4.35 to \$4.90. Veals, \$4 to \$5.50. Hogs—Heavy and mixed, \$5.05 to \$5.10; Yorkers, \$5 to \$5.10; pigs, \$4.90 to \$4.95. Sheep and Lambs—\$4.50 to \$6.25; yearlings, \$5.50 to \$5.65; wethers, \$5.40 to \$5.60; sheep, mixed, \$3.25 to \$5.25.

British Cattle Market.

London.—Canadian cattle, 11 1/2c. to 12 1/2c. per lb.; refrigerator beef, 10c. to 10 1/2c. per lb.; sheep, 13c. per lb.; yearlings, 14c.

Montreal Markets.

Montreal.—Choice heaves, 5c. per lb., and from that down to 4 1/2c. for prime animals; good cattle, 3 1/2c. to 4 1/2c.; common stock, 2 1/2c. to 2 3/4c. per lb. Good veals, from \$5 to \$10 each. Yearling sheep that are shorn sell at 4 1/2c. to 4 3/4c. per lb. Spring lambs, from \$2.50 to \$5.50 each. Fat hogs are advancing, good lots selling at about 5 1/2c. per lb.

CONTENTS OF THIS ISSUE.

How a Chicago Winner was Fed	635
Cost of a Calf	635
Good-selling cattle	635
Our Scottish Letter	636
Disappointments in Raising Pigs	636
\$10 Worth	636
FARM.	
Agriculture in the Ontario Legisla- ture	636
Should Potato-growers Spray?	637
"Transactions" of Interest and Value	637
Acreage in Sugar Beets	637
Avoid Land on Which Clover will Not Grow	637
Profitable Beet-growing	638
Sensible Sugar-beet Culture	638
Preparation of the Seed-bed	638
Potato Culture	638
Problems of the Soil—V.: Plant Food	638
Potato Varieties	638
DAIRY.	
April Notes, O. A. C. Dairy School	639
Farm Labor and the Cheese Business	639
Milking	639
About Our "Home Magazine"	639
GARDEN AND ORCHARD.	
Asparagus	640
The Fallwater for Export	640
POULTRY.	
Scratchings	640
Some Poultry Experiments	640
Poultry pedigrees	640
Coops for Young Chickens	640
Turkeys a Prey to Insects	640
APIARY.	
Bee Colonies Weakening	640
Cheer Up	640
NOTES AND NEWS.	
The Farm Labor Situation; Germina- tion Test for Seed Corn; Are You Going to the Pacific Coast?; Agri- cultural Work by Federal and Pro- vincial Authorities	642
Twenty-Shore Beef Ring (illustrated); Grain Rates Lower; Women's Insti-	

tutes; Planting Forest Seeds;	
Tenth Canadian Horse Show	643
York Co., Ont.; Rape: Its Value, Use and Culture	644
To Stamp Out Consumption; Binder Twine Prices	645
MARKETS	645
HOME MAGAZINE	646 to 652
QUESTIONS AND ANSWERS.	
Miscellaneous.	
Taking hay on shares	653
Old mare in foal	655
Soy beans and corn; silo building; ailing canary; building henhouse; calving troubles—lice—concrete	656
Disease in turkeys; troublesome trees—unsatisfactory horse; sale of apples.	657
Concrete veneer; burning straw; weight of hay	658
Child supporting parents; burning straw; imported Canobie; ice bark; ing trees; Thoroughbred	659
Veterinary.	
Ocular spavin; indurated udder; itchy legs	653