Incubator FOR SALE

Manson - Campbell) Chatham make; 160 egg capacity Price \$12. Can be seen at

198 Lake Avenue

Properties For Sale

\$2200-On Hainer street two storey frame dwelling with stone foundation, near bridge on lot 68x871/2, all conveniences, in good repair, will accept part cash, balance ar-

cash, balance arranged.

\$2850-On Havnes, two storey frame

tion and every convenience, all in

tion, all in bood repair. Will accept a moderating effect. part cash, balance mortgage at 7 swamp and bush areas, because they

brick dwelling and grocery with good connection and turnover, hot water heating, stone foundation, good cellar, all in good repair, a snap, good reason for selling.

About \$2000 stock, 100 cents on \$1

Also the temperature at which dew is formed is higher and the lowering of the temperature may be sufficiently arrested to eliminate any danger of frosts.

The type of agriculture in any section is decided by its air temperature as a superature of the temperature of t

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prices before selling elsewhere. Moyer Bros., Ltd. 8 Frank St. - Phone 197 ST. CATHARINES

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TEMPERATURES OF AIR

The Atmosphere and Its Relation to Agriculture.

High and Low Temperatures Sometimes Beneficial and Sometimes Hurtful - Old Sol the Primary Source of Heat and Light - An Interesting Study of Air - Live Stock Notes.

(Contributed by Ontario Department of Agriculture, Toronto.) TMOSPHERIC temperature has ever been a matter of a liberal amount of precipitation. On silk embroidery laces of to-day, which the other hand the destructive frost come from England and France, only

33900—On Church street, two storey as retaining the spring water longer 3900—On Church street, two storey as retaining the spring water longer frame dwelling with stone foundation and consequently has the country and consequently has a moderating effect.

The imported ones. For quite a time sometimes become forty times larger the home-made laces were cut of the original fragments in forty-tion, all in bood renair. Will account a moderating effect.

Frosts are also prevented by water, produce a high humidity and are not so readily cooled as large land areas. \$6500—On Niagara street, two storey Air of high humidity acts as a better brick dwelling and grocery with blanket as it were, than the dry air.

About \$2000 stock, 100 cents on \$1 The type of agriculture in any section is decided by its air temperature. Any new crops which are imported must first become acclimatized to that section before they are a success. Winter cereal crops of Ontario and hay crops are not affected by extremely low temperatures unther followed by low temperature or industry became important. In a by heaving of the soil about the ddition to the silk lace which was A roots. Late spring and early fall frosts cause much damage. If the temperature does not drop below 28 deg. F. only the tenderest vegetation suffers, but if below it wholesale de-

prevent stunting or death itself. In a pamphlet by A. J. Connor, of temperature is set forth. Both yield coming into competition. and growth are increased by a low

distribution and is the result of var- Swatow.

Breeding ewes must have abunthe quality of the lace.

'An announcement from Moscow is to the effect that the Soviet Execucleck one hour on February 15th.

************* Lace Making In China

HINESE women seemed to have had very good taste for fancy work even in very early

agriculturalist. Man has harnessed As every other thing progressed so much of nature and made it his servant, but as yet no one can say that fancier ones appeared, the best known

mortgage at 7 per cent.

tend to prevent high temperatures, bead-lace of to-day. As the time degree manded the designs and forms of first the piece was taken. During the laces varied, until the foreign silk first year the growth was slow and frame dwelling with stone foundation and every convenience, all in good repair: Will accept small cash payment, balance arranged.

perature one degree, the temperature is kept more moderate. Large swamp and bush areas free large quantities of patterns they and varieties of patterns they affice times their area in forty-eight of water to the atmosphere as well could not compete in popularity with hours. The seven-year-old strain may

> school was established by a foreign and are now using one that exactly missionary. It was in this little suits the connective tissue of the chool that the art of hand-made lace heart,

Tungsten Electric sures, but if below it wholesale described by the project will cost \$8,000,000 to complete the point venice, and the project will cost \$8,000,000 to complete the point venice, and the project will cost \$8,000,000 to complete the point venice, and the project will cost \$8,000,000 to complete. Approximately 43,560,000,a large amount of precipitation to Swatow laces. The finest of the laces of the laces of water will be imcomes from Ching Chou in the Tsinan pounded. listrict in Shautung. Chi Hsia is still the Meteorological Office, Toronto, an interesting relation between the sent. of the laces of the places. Shang-

temperature and a low range in temperature. A critical period appears cushion especially made for the pur- ly 100 feet in height. The foundation to exist in the latter part of the 90 pose, and using the same method as will extend down to a stratum of money.

days following sowing, and if the making of bobbin lace by hand, the making of bobbin lace by hand. These two kinds have found a granite, 34 feet below the surface of the earth. with great temperature range, the wheat plants will head quickly and The filet lace is made by using a net the harvest be light; but if the cool which is spread over a frame. The moist conditions exist heading will be pattern is embroidered with a neede. postponed and the yield increased.

The thread used comes mostly from flat on the left bank of the stream.

England, yarn forty is most used for In constructing the earthen damped. at the proper time to insure the cool the purpose. Filet lace has been inmoist weather in the critical period. In the Western Provinces the sowing is early, namely, the last of April, throwing the critical period about seven years ago, but it is welcomed greatly. The net for the rough kind of the lace is gates will be installed in the seven wall will be built it is welcomed greatly. The net for the rough kind of the lace is gates will be installed in the seven wall will be built or relative to the form of the lace in the critical period. throwing the critical period about largely made in Kiangpeh, a district the middle of July, the variability of east of the Whangpoo river, though the middle of July, the variability of case of the schools are still making ate these. The outlet work the temperature of which is the critical factor. However, the rule there it, yet their quantity is comparatively is the earlier the better, while in On- small. Crochet appeared two years tario we are unable to sow spring earlier than the filet. It is made with wheat sufficiently early to procure a hook. The best thread for this that desired cool, moist weather, nor can it be obtained by late sowing.

All cereals are best adapted to the erally called by the local manufactemperate regions and especially turer, "Shiny thread," owing to its those of low temperature and small bright silvery lustre. Point venice is temperature range. Consequently another kind made - by using a the above temperature effect is ap needle in much the same way as the plicable to all. Fruits as a rule re-filet lace, only that Fil d'Irlande uire a higher temperature region, Brillande should be used instead of but not a high-temperature range, the ordinary thread. The so-called Many fruits, however, have a wide Swatow lace is manufactured in

iety.—R. C. Moffatt, O. A. College, As yet no factories can be found for lace-making anywhere in China though the lace industry is rapidly progressing. It has been found that This is the time of year when the practice of supplying thread to the workers and paying them for This is the time of year when horses are in danger of getting too much hay and too little exercise. Idle horses will keep in much better condition if given regular exercise, and if their supply of hay is wisely the workers and paying them tor their labor is being introduced by some small exporting firms, but it has not proved a success owing to the difficulty of importing foreign threads. dition if given regular exercise, and if their supply of hay is wisely restricted.

Stables that are well ventilated and lighted, even though on the cold side, are more comfortable and more side, are more comfortable and more and then to sell the finished lace to the comparison. The substitute of the side of the stable stables are more comfortable and more and then to sell the finished lace to the stables of the same stables. healthful than dark, steamy, warm the exporters. Usually on embroid-Young cattle and breeding stock of four feet long and a foot and a half beef breeds enjoy a short outdoor run every day during winter, and treatment of this kind promotes for the large real treatment of this kind promotes for the large real treatment of this kind promotes for the large real treatment of the large real treatm

Breeding ewes must have abundant exercise if vigorous, healthy lambs are looked for.

Good alfalfa or clover hay, with about four pounds roots, or two or three pounds of silage, per ewe, per day, makes a good ration.

The quality of the lace.

The quality of the lace depends upon its cleanliness, finences, evenness of pattern, firmness and its workmanship, and also the kinds of thread with which it is made. The new and fancier patterns greatly promote the grade. day, makes a good ration.

Roots fed to horses not at hard work will cut down the cost, as well of its quality requires real skill to judge while its appearance nobody can fail to observe.

Coplous rains have, relieved, the serious drought which has been pretive has given orders to advance the lock one hour on February 15th

CELLS OF BODY LIVE ON.

Proof That They Do Not Die When the Body Does.

Never was there a more con vincing proof of the recently discovered fact that the cells of the body do not die when the body dies, but live on, how long no one yet knows, times. Before they knew | Dr. Albert H. Ebeling, of the Rockewhat laces were they began to make feller Institute for Medical Research, them, though not so fine and beautithem, though not so fine and beautiMedicine. In this article Dr. Ebeful as those of to-day. The kind that ling describes his experiences with a they made was the embroidery lace. piece of the heart of an unhatched Narrow strips of satins or silk from chicken. This was cut out by Dr. one-fourth of an inch to three or four Alexis Carrel on January 17, 1912. inches wide, were first woven, then say, the embryo chick from which it much concern to agricul- different designs of flowers, fruits or was cut has turned to dust long ago. turalists. A high temper- insects were embroidered with var- The fragment is a bit of connective ature, although necessary and beneficial in some cases, is detrimental plated or silver-plated threads. The The old cells have been forming new in others, but in each case requires finished laces were very much like the ones, taking the material for this purpose from the medium in which \$2300—On Jones street, one storey venience, in good repair, lot 30x92 feet, good land, will. accept. part stored that they were not very brilliant in the stored primary they have been key. They have been key. The latter is obtained by washing seven or eight day old embryos in Ringers' solution, chopping them up

\$2850—On Haynes, two storey frame dwelling with barn for stabling six horses, lot 44x148 ft., all in good repair, will accept one half cash, balance mortgage at 7 per cent.

\$3000—On Leeper street, one storey frame dwelling on 30ft. lot for \$2200. Separate from building, lot size 100x160ft. will accept small cash payment balance arranged.

\$3100—On Welland Ave., one and one-half storey dwelling with four bedroms and every convenience, all in good repair, on lot \$5x148ft. will accept \$1500. cash, balance mortgage at 7 per cent.

eight hours. This is probably due to About twenty-five years ago in the the fact that as time went on the city of Chefoo in Shantung a girls' doctors have improved the medium

was first taught to the Chinese by The speed of growth can be watchoreigners, which has now become an ed under the microscope, and Dr. inportant industry in China. The Ebeling's article is accompanied by ce thus made is the so-called "Che- some splendid photographic enlargeoo" face. It is found that the great- ments. One of these shows a piece t amount now is not made in Che- of the tissue magnified 240 times. oo, but in a district called Chi Hsia, photographed on April 25, 1919, af-Isien, thirty-five miles from Chefoo. ter forty-eight hours growth. It iere the torchen silk laces were first, shows a mass of living cells of connade, but it did not prove a success nective tissue, each with its nucleus or its consumption was rather small showing as a dark spot.

A British missionary in 1895 estab-shed the first institution for lace-Thirty thousand acres of land wi less growth is started by warm wea-Thirty thousand acres of land will nade of entirely Chinese silk, the form a great irrigation reservoir. Australia, the object of which is to arcad lace was also introduced in Work has started on the structure, The thread, both cotton and which will be located on the Murray and the patterns come exclu-from England and France. which will be located by the con-quence of Mitta Mitta Creek with

The total length of the dam will be 3,601 feet. This will comprise growth and yield of wheat and the hai and Swatow are now gradually 2,700 feet long; a concrete speedway, three sections: An earthen dam, The cluny and torchon laces are of the same material, 161 feet long. 740 feet long, and an outlet works

Only a comparatively small portion of the dam will be situated in the river bed proper, as the greater concrete core wall will be built, covered with stone to reinforce gates will be installed in the section. Water turbines, pierced by eight 6-foot pig ped with valves and capable charging 8,000 cubic feet of water econd under a 29-foot head .- Pe lar Mechanics.

Trains Driven by Air. Many people believe that the only vay railway trains will be driven in he future will be by means of elecricity, but if the new system now being tried on the Italian state ailway is as cheap as experts predict it will be then our railways will

e driven by air! By this new system air is compressed into big central tanks; from which it is distributed to special air uel stations along the railway line by means of strong pipes. At these air fuel stations locomotives will be able to stop and refill their own tanks with compressed air. It is said/that the building of air

tanks along the railway and the laying of pipes will be nothing like so costly as electrification, which requires not only a third of track, but means altering the engines. With compressed air the modern steam-engine requires very little alteration, and so the enormous ex-pense of a complete new set of engines would be done away with.

The fuel is easy enough to get!

Moreover, it is absolutely clean, and this will be one of the necessary qualities of any motive power of the

A Patented Swing. A recently patented swing for oung children terminates in a fabric pocket with holes through which a child's legs are thrust to permit it to kick the device about or walk as far as the ropes of the swing allow.

Hon. Manning Doherty is elected by acclamation in East Kent, but Premier Drury will be opposed in Halton by E. J. Stephenson of To-

manuscratical transferration of the second s

Our Golden Jubilee 1870 1920 The Mutual Life ASSURANCE COMPANY OF CANADA Fiftieth Annual Report CONDENSED STATEMENT 519.674 Surplus Earned 813,710

New Assurances 21,541,069 1.302.801 40,625,656 19,084,587 Fifty Years of Progress Our Jubilee Year. - The year 1919 was notable inasmuch as it completed the first fifty years of the company's active operations, and at the same time marked the year of its greatest development and progress in all departments of its business. The first policies were offered to the public in the spring of 1870, and the end of the first half century sees the company with unimpeachable assets of \$38,000,000 and policies in force amounting Remarkable Expansion of Business. The most remarkable feature of the year was the flood of new business received, due largely to the awakening of popular appreciation of the beneficent function of life assurance by the experiences of the war and the influenza epidemic that followed. The increase in new business acquired was nearly 90%. That the record for quality business was fully maintained is indicated by the large increase of \$33,065,691 in the total business in force, being over 80% of the new The Surplus Earnings.-No item of the year's operations is more gratifying than

the great increase in the surplus earnings. Notwithstanding a certain number of abnormal death losses arising from the war and the influenza epidemic, amounting to \$352,857.65, the surplus earnings for the year were \$1,302,807, an increase over the previous year of 60%, and showing earnings of \$34.27 for every \$1,000 of total assets held at the end of

Invested Funds. Never in the history of Canadian life insurance has there been such a remarkable opportunity for the profitable investment of life insurance funds, and the effect of the past year's investments will be to enhance the surplus earnings over a long period of years, through holding up the average rate of interest earned on the invested funds. For the year 1919 the company earned the very satisfactory rate of 6.39%.

Comparative Statement of Growth

Year 1870		Income \$ 4.956	Assets 6,216	Paid to Policyholders	Assurance in Force \$ 500.000
			225,605	\$ 26,681	3.064.884
1890		489,858	1,696,076	176,151	13,710,800
1900		1,164,875	5,165,493	424.815	29,518,626
1910		3,020,996	16,279,562	804.759	64,855,279
1919	L	8,583,404	38,020,949	3,811,092	170,706,305
A copy	of the detailed report	will be mailed	to every n	olicyholder in	due course

C. E. HANSELL - District Manager ST. CATHARINES, ONT.

all these suppendent there exhant both to

the Conserve property of the said and



1503 Let the Rest of the World Go By—Hart & Shaw, Tenor and Baritone, with Orchestra. We Must Have a Song to Remember Kaufman & Hall, Tenors, with Orchestra.

1504 Just Like the Rose—Sterling Trio. with Occeptation of the Rose—Sterling Trio.

Orchestra.

I'm Like a Ship Without a Sail—Hart & Shaw. Tenor and Baritone, with Orchestra.

My Rose of Romany—McClaskey & Myers. Tenor and Baritone, with Orches-

tra.

I Love You Just the Same Sweet Adelina
—Shannon Four with Orchestra.

That Wonderful Kid from Madrid—
Kaufman & Hall. Tenors, with Orchestra.

Left My Door Open and My Daddy
Walked Out—Jack Kaufman, Tenor with Orchestra. and Night Dearie (Waltz)—Diarilof Oret Me Dream Conklin's Society Orches-

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