## HE LEWIS GUN

LEWIS, INVENTOR OF OUS MACHINE-GUN

fold a British Government ttee Some Facts About His Invention.

late Sir Hiram Maxim gun to the kaiser, that asch patted its barrel, and s the gun!" And that gun rseded to-day. -

ench-work, for aeroplanes, ur boys, they have but one -"Lewis"-that wonderchine gun, manageable by ght, efficient, dependable. Maxim, it is the invention cican, Colonel Isaac N. dishmen are apt to think ntion has at least a double succeeding in the States. Maxim and the Lewis taken up by the British. a providential circumdering what an asset the as been to our men in and tanks, and in the air. capital came to Colonel

re the war broke out. Pre-war Preparations.

iling his failure even to to the American Governonel told the U.S.A. Mili-Committee:

and only some twelve

er to Brussels in 1912, and out that my Belgian in the hands of the Gerpresident and managingboth under German incompany was about to German control. I suche help of my loyal Beltes, in ousting our presinaging-director.

Have It as a Gift.

London," he continued, agham Small Arms Comnot know anybody conhe company, but I made nt to go there with the y-eight hours I had closfor the exclusive manue Lewis gun in Europe. vering guns every week h forces."

to the Secretary of War m, under date December he colonel has some very formation to give. He

gun is no longer a new weapon. It has successery military requirement. ling test of more than of daily service on the baturope during the greatest

's story of how his own turned his gun down is

as 1911, when the first Lewis gun was built, I to Washington and preerson to the Chief of the ing him to examine it." to tell how his offer was a and again, how, when ately as December, 1917, ary of War, renewing his erting his willingness to valties aggregating two million dollars on forty s already under contract rament, no reply was Asked why he wished to great sacrifices, Colonel

r His Country.

ducation at the Govern-I developed my gun discouraging circumas a poor man with a But there is a deeper ar deeper question. This ing the struggle of its to be a vassal nation or ation? That is in the

AND FINE LINEN.

Ruling Monarchs Differ in Matter of Dress.

war the kniser was in changing his clothes at lozen times a day. He to be a sort of royal artist, for he is too much too jealous of his imto appear at any funcy arrayed according to hat impropriety means. iforms cannot be made

inder \$1,500. empress, is still more , at least, she was be-In the days of her he wore silks and sata yard, and wore a ually only once, and

Jueen, as everybody simple in her taste in pt on some very great er dress differs little

I twice.

a that of her middleurth's wardrobe fetchhis death. Yet he rerticle in his wardrobe. good a memory for his vould have been a demuch for the so-callman of Europe. The

the Fourth and Fifth

rcely be more marked,

ary for the empire.



Conducted by Professor Henry G. Bell

The object of this department is to place at the service of our farm readers the advice of an acknowledged authority on all subjects pertaining to solls and crops.

Address all questions to Professor Henry G. Bell, in care of The Wilson Publishing Company, Limited, Toconto, and answers will appear in this column in the order in which they are received. As space is limited it is advisable where immediate reply is necessary that a stamped and addressed envelope be enclosed with the question, when the answer will be mailed direct.

sow sweet clover on it? How much clover seed on your sandy soil.

ground for two of three seasons be- seed is not hulled, add 5 pounds more.

J. F .: I would like to ask you a fore they germinate. If you wish to few questions about sweet clover. I put in a cultivated crop such as corn have twenty acres which was under or potatoes, I do not think you need have fear of a sufficient quantity of sweet clover this last year. It was a seed coming up to seriously diminish real good crop and was cut for seed. your yield, that is, provided you give It si clay loam and is in fair condi- the cultivated crop early and careful If I plowed the stubble will attention. The clover plant is a the clover come up again, or will it two-year, plant; hence, a couple of come up if it sinot plowed? There years of cultivated crops should kill was a lot of the seed shelled in the out a very large quantity of the clover field. I have some very sandy soil, that would come up as weeds. I bedo you think it would be advisable to lieve you would do well to sow sweet sweet clover should I sow to the acre? would recommend that you plow un-Answer:-If much of the sweet der the second crop if you wish to harclover seed shattered out in harvest- vest the first crop of hay. What ing the seed crop, in all probability a sandy soil needs is humus, and I know considerable quantity will come up of no crop that will produce as large next spring whether the ground is an amount of humus in a short time plowed or not. The hull of the seed as will sweet clover. It is generally is relatively hard so that some of the recommended that 20 to 25 pounds of sweet clover seeds may lie in the hulled seed per acre be used. If the

> can hardly conceive of the holiest of men saying, without blasphemy, "Look upon me and behold God!"

Lesson XIII. Easter Lesson-John his works. Believe me for the very 14, 1-24. Golden Text, 1 Cor. 15, 57.

INTERNATIONAL LESSON

MARCH 31.

troubled-His talk of leaving them 12. He that believeth on me does not accord with their hopes for greater works than these shall he do; the kingdom he has talked of setting because I go unto the Father-When up. They are sadly perplexed. They the Holy Spirit is sent from the Fathare devoted to him, through the com- er, great spiritual changes in men the few brief months they had known nal miracles. The conversion of a him. Believe in God, believe also in sinner, through the Holy Spirit, is me-That is, Your doubts and trou- greater than turning water into wine bles because of our separation will be or opening the eyes of the blind. To

2. In my Father's house are many step in spiritual development. mansions-The image is taken from 14. If ye shall ask anything in my one of those immense Oriental palaces, name, that will I do-That is, to ask in which there is room for the king anything of God based upon what and his son and for all the guests. Jesus has told us of himself and his They are to be comforted with the work. To pray in his name is not thought that the separation is tem- only to ask for his sake, but to ask in porary, and that all eventually to be harmony with Jesus' instructions, or

I go and prepare a place for you—He had told them of the Father's the Father. What more fitting than that he should to talk to them of that When was that coming to occur? "At the final and glorious coming?" But forter-It is impossible for an outit would be no comfort to them to sider, "the world," to receive the inner look for a day which had not even Comforter, for the great gifts of the yet appeared. "At death?" But this Spirit cannot come to an unspiritual is impossible, taken in connection with verse 18. "By the Holy Spirit?" and unresponsive soul.

"I will not leave you desolate: I come."

18. I will not leave you desolate: I "I will not leave you desolate: I come to you." His final promise when he in the personal, bodily return, after sent them forth was, "I am with you milleniums have passed, but through unto the end of the world." Will receive you unto myself—Not only will he come to us, but we are to go to him. These are words of 19. The world beholdeth me no wonderful tenderness. Where I am, there ye may be also-All specula- which has only known Jesus after the tions as to the nature of heaven are of flesh, sees him no more, but to his small, compared with this simple state- own he becomes visible in the spiritual be where Jesus is, in the place which also-Death will be vanquished by

he has prepared and where he is King, him, and his victory includes our vic-4. Whither I go, ye know the way- tory over death. For nearly three years, by inimitable 20. In that day . . I am in my illustration and extended conference. Father, and ye in me, and I in youhe had endeavored to unfold to them The day is coming when the subject

ness of the Kingdom.

-All honor to the disciple who is un- of my Father, and I will love himwilling to let slip by a point which he Love reveals itself to love. He does not understand. But Thomas abides in the heart which responds had failed to see the great truth as to him. (John 15.) Jesus had presented it.

the life-Jesus now declares that it is ing of Iscariot in Judea. Literally, through him that we come to the Judas the man from Kerioth. Why Father and through him that we ob- unto us, and not unto the world?tain entrance into the Father's house. Peter wishes to follow him immedi- verse 21, but he goes further. Why ately, Thomas wants to know the way, not to all men without discriminaand, later, Philip wants to see the tion? Why make a distinction? The Father. Jesus answers: "All these answer is that love cherishes the questions are answered in me"; "I am slightest wish of the one loved, and the way to the Father." Christian he who does not love does not carry no ice at all, quite unlike the severe Jean, but grandfather suddenly pinch. From that date the child received In four years the little girl had saved faith is not a personal opinion or ad- out the wishes of the beloved. herence to a doctrine; it is confidence in Christ, the loyalty of the life given

have known my Father-If Jesus is the manifestation of God (verse 6), Is dancing madly, clapping wild its "O dear!" chorused children. "Now, grandad, be saved. The child was taught to of good book-keeping. then to know him is to know God. From henceforth ye know him, and have seen him-It is impossible to Bursting with carolling the thongs cream? possible to know the love of God as Rushing with passion love its mate to "who ever heard of a winter without Ten minutes later, coated and month the mother carefully audited If such is the case, it is the parents', teakettle, put two eggs in the quart seen in Christ. These questions indicate that the disciples were not And all things smile and all things overawed by the Master, but were on terms of comfortable understanding. Tis like the dawning of eternal day. so that question and answer passed

8. Philip said, Lord, show us the a pledge of the glorious future re-

served for them. 9. Have I been so long time with A sense of disappointment that, after all, Philip had no learned the gracfous truth the Mas r had tried to unfold. He that hath seen me hath seen

the Father-A plain statement of Jesus' unique relation to God, which lifts him above ordinary men. We

10, 11. Believest thou not that I am in the Father, and the Father in me? -he does not say that the Father and himself are the same person, but that they live the one in the other. That this is true is shown by his words andworks' sake-Jesus asks from his disciples faith in his union with the Father on the authority of the testi-Verse 1. Let not your heart be mony which he has borne to himself.

ip and training and love of will be produced, greater than extercleared up if you trust God and trust expect that the Christian disciple can work miracles is to take a backward

according to God's will.

15. If ye love me, ye will keep my commandments-The commandments He had taught them to pray to here alluded to are the charges he has given them while he has been with them. To cherish and observe them time when the children of the Father is the true indication of their love and should be gathered together in the the preparation for what follows in

16. He shall give you another Com-

come unto you-He comes to them not

more; but ye behold me-The world, Let it suffice that we are to sphere. Because I live, ye shall live

the nature of his work and the great- which so puzzles them will be clearly

5. We know not whither thou goest 21. He that loveth me shall be loved

22-24. Judas (not Iscariot)-Judas 6. I am the way, and the truth, and of the village of Kerioth is the mean-Jesus had really answered this in

Springtime.

---The Telescope.

To waiting worlds the secrets of the a curious silence. Snow had fallen you'll see."

# War Time Production Seeds

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A New Kind of Marbles.

winter we have just passed through. ed her cheek. "I'm afraid," said grandfather one "Plenty of it." he said. "That is, both his father and his mother. This years the elder, and his income had soberly, "that this means no ice cream marbles a while."

ever heard of a summer without ice you're making fun of us!"

dowpane with their cheeks. "It feels clasping a snowball. there'll be freezing to-night."

all night long, and now every roof had So the three obeyed, puzzled but had no money. There was to be a learned it at all.

tall white cap.

It had been a warm winter, with "No ice cream in July," began little child's name.

day late in March, shaking his head if you three chicks are willing to play fifty cents was to cover all small ex- been greatly augmented by outside Is your husband's breakfast ever 7. If ye had known me, ye would This is springtime: all the heart of next July, and no cold lemonade, and "But how can playing marbles fill Sunday school, pencils, candy, etc.,— been greater, as I saw by their acthe ice house?" cried Ted and Molly and the remainder each week was to count books. The latter were models too long? This can be so easily avoid-

> hooded and finished off with good, dry the account. "It may freeze yet," put in grand- rubbers, the three dashed out to

nearly time now for robins and marble apiece for you. Go to work but he soon learned that in order to loan. Let them learn by their own like velvet. The good part about this and roll them." When Ted and Jean and Molly went The children slooked astonished. twice" before purchasing a new knife the best advantage. At the same dish as long over three minutes as will be satisfied if he can have at least A grain of sand has wonders there to bed that night they felt the win- Each little right-hand mitten was or a package of gum.

And Genius strolling on the shingly very cold," Ted decided. "Maybe But, grandfather," Ted began, toward miserliness. The first week some part of their income. The value always serve them in something you, and dost thou not know me? - Stooped, gathered up a handful, and When they waked there was a "Roll your marbles," said grand- the bank-only to regret it long be- preciated by those who have had it to the water. Each person has a sepaqueer, dull whiteness on the walls and father, "and roll them carefully. Then fore the week was out. The other learn in early manhood, and woman- rate dish, as it is hard to regulate the

stamped and addressed envelope is enclosed. Woodbine Ave., Toronto. X. Y. Z .: - A complete reply to your | Harrassed: -But you won't be by heard of more than one great man interesting letter cannot be sent for a the time you get the "Soldiers of the that didn't amount to much as a boy. few days, as the matter of the in- Soil" at work. Did you know that I wish you'd help me out, Uncle

advice will be sent you by mail as of 15 and 19 to help on the farms saying." soon as received. Regarding the con- this year? The drive to enlist this "Let me think," said Uncle George, version of the large kitchen into a battalion of youthful soldiers has began still keeping on at his work. "But dining-room and kitchen, your ideas and they should prove of immense don't sprawl there over that bench! are quite practicable, and the result help to the farmer and his wife. There Stand up straight! Or you might be will be an enormous saving of energy is no doubt that, there will also be tightening up the nuts on this main housework. The best location for a large number of girls on the farm chine. Not that way! Don't you the sink would be at the centre of the this year who will assist both in farm- know that to screw a nut on you turn dividing walls between dining-room house and field. These two classes in the direction that the hands of a and kitchen, so that you could pass will help greatly to lighten the burden clock move? the dinner dishes through the com- sustained by the farmer's wife and "Well, now, the first person that municating door, wash them in the they will solve in some measure the comes into my mind is Will Whitsink, and put them right through problem of labor shortage. again to be returned to the dining- Enquirer:-"What about potatoes?" table, which I presume you keep laid Why, potatoes possibilities are end- slack-twisted and lacking in gumpall the time. Can you arrange to less, Miss Enquirer. The Food Con- tion. He never had a sharp knife, or have the cook-stove near the sink? troller is asking us to eat both fish a tool that was in order; and if he If so, you could have a place for cook- and potatoes, and to eat plenty of had any work to do he'd go at it in ing utensils in the new cupboard, them. Now the patriotic food is not the most awkward, roundabout way which you would find most convenient. always the most palatable but both that you could conceive of. It was If you keep the proposed alterations fish and potatoes are exceptionally just the same in school; and it used in mind as you go about your house- nutritious, economical and pleasant, to fret Mr. Hoyt, our teacher, a good work, many devices will occur to you and no one should have any difficulty deal that can be installed to lessen work. in making extensive use of them. Do "One day, in the mental arithmetic Should you care to send me a plan of you ever roast potatoes in their own class, he gave Will this problem: 'If the layout of your house, with the skins and eat them with a little salt? twelve men can dig a ditch one mile, windows, doors and chimneys mark- If not you are missing something in thirty rods and ten feet long in eight ed, I will send you a working plan for life. Next there is the baked po- days, in how many days will six men

for your household, Miss Peggy. It is tato. Have you ever tried potato wonderful how a motto hung up in the biscuit? It is something like the kitchen pulls you up in some little old-fashioned potato scone that is as extravagance through the day, isn't popular in Scotland as oatcake. Sift

GOOD FOOD IS WASTED

If it gets into the garbage pail If allowed to spoil in the home If ruined by careless cooking By careless paring and trimming

When too much is served at a meal ed pans. tremendously excited. Ted rolled joyfully, and after dinner father and

Molly in a few minutes. "Just watch most as hard as ice. Then the chil-

every moment one would call to the the door. other. Presently, from the bottom "I can just taste that July ice of the yard, came a cry. "Oo-oo!" cream!" said Molly happily. Jean sang out. "Somebody come! "I can taste it too," Ted agreed, My marble is so big I can't get it up "and I've also learned a new way to the hill!"

Sure enough, Jean's snowball had grown so fast that now it was entirely too much for her. Ted ran down, laughing, and rolled it to the top of the hill. Then they spied grand-

screamed Molly. And indeed grand- soaking them in a solution of form- happen to speak his name, but they father's ball was a regular giant, and aldehyde. Spread the grain around did mention where he came from, and

was getting fatter and fatter. toward the open door.

Mothers and daughters of all ages are cordially invited to write to this department. Initials only will be published with each question and its answer as a means of identification, but full name and address must be given in each letter. Write on one side of paper only. Answers will be mailed direct if of the Man.' Of course I know what

Address all correspondence for this department to Mrs. Helen Law, 235 the same kind of a man that he was

stallation of waterworks in your home the Canada Food Board is enrolling George. I'd like to give a lot of has been referred to an expert whose 25,000 school boys between the ages examples that go against that old

the alterations. Should any further tato, broken open to let out the steam dig a ditch of twice that length? Will questions crop up, please send them and prevent sogginess. The pota- said he didn't know as he could do to boiled in its jacket is 20 per cent. it in his head, and the teacher Peggy:-Here are some good rules more nourishing than the peeled po- told him to go to the board.

together 1 cupful mashed potatoes, 1 cupful Graham flour, 4 teaspoonfuls baking powder, 1/2 teaspoonful salt, 1 tablespoonful fat, 1/2 cup milk. Toss dough on a floured board and roll lightly to 1/2 inch in thickness. Bake for twelve to fifteen minutes in greas-

east, Molly rolled west, and little Jean the hired men turned in with them, rolled south, down the long slope of so that the long-empty ice house bethe lawn. Laughing and shouting, gan to fill very rapidly. Before the they followed the little balls with snow had left the fields the ice house care, pushing them whenever they was quite full, and the hired men had pounded the great snowballs with "Mine's as big as a pumpkin!" cried shovels until the snow was packed aldren helped to pile in the straw on top failure. They pushed harder and harder, and and to pack it; and at last they shut

play marbles." To make a kitchen stove help warm the room in which it is used a metal

has been patented. "Will you look at his marble!" Smut in oats may be prevented by whole working system. They didn't thinly on the barn floor. Take a I knew I had heard of that place be-"Forward march! to the ice house, pint of the formaldehyde and mix it fore. now!" said grandfather. And the with fifty gallons of water. With a "They were scarcely done talking children, who had forgotten all about sprinkling pot moisten the oats well about him when the expert came the ice house, went to work with a and leave them a couple of hours. through the room with the superintenvim, trunling their big marbles gayly This will not injure the germ of the dent, and you could have knocked me

Most of the morning they worked germs.

### THE CHILD'S ALLOWANCE

By M. A. Bartlett.

Every child should have an allow-| birthday party, and each child was said. ance. The amount may vary accord- expected to contribute ten cents to- "'But you are,' he said. 'I'm Wiling to individual requirements and banked. Tearfully she sought as- liam Whitcomb, although a man by family finances, but whether it be ten sistance from her mother, but she been taken for him a thousand times. cents or a dollar a week matters little found her true to the agreement. I'm not at all proud of the resemso long as it is regularly forthcoming "You must learn, dear," said the blance,' he said. "It hurts me in and is the child's own. It may be sympathetic parent, "that you can't my business." given weekly in payment of specified save all your money and spend it, too "Then he laughed and went on,

a heavy white blanket like eider include payment for extra work. he can't spent his fifty cents and then the boy was father to the man. down, and every fence post wore a One mother of my acquaintance pre- have it to put in the bank. However, "I guess that is the rule, Don. No sented each of her children on their I will lend you ten cents, and you can doubt there are exceptions, as you "The heaviest snow I ever saw so eighth birthday with a small leather- repay me next week. Make an item say. But in your composition just late in the year," father remarked covered account book, a bank which of it in your account." at breakfast. "Well, it looks as if could not be opened until it contain- The lesson was a hard one to learn, a boy wants to be one of those excepthe ice house would stay empty, sure ed five dollars, and a savings bank but eventually it was mastered. They tions he had better take himself in

book with five dol'ars deposited in the knew the value of a cent.

Recertly I saw their bank books. penditures - entertainments, gifts, work; but his expenditures also had spoiled because his soft-boiled eggs

"Not a bit of it," he answered. "Put cent he spent, and of every additional dren think they are "made of money," water boiling thoroughly, so that the "Well," answered grandfather, on your togs, and I'll show you." penny he earned. At the end of the that they have no idea of money value. steam pours from the spout of the not the children's fault. Give them vessel, pour the boiling water over At first the half-dollar a week an allowance for spending money. Be them and set on the table. Allow to their grandfather. "Here," he said, seemed a small fortune to the child firm in your refusal to grant more stand from three to five minutes be-"Maybe," grandfather said, "but it's "hold out your hands. There's a accustomed to asking for every cent, than the allotted sum, except as a fore serving, and they will be just fill his bank he would have to "think experience how to handle money to method is that they may stay in the time arouse their interest in saving you want, and they will not become One of the girls showed a tendency until it becomes a habit to lay aside hard if you do not cover the dish. I she deposited her whole fifty cents in of such training can only be fully ap- pretty so they may go on the table in children were buying candy, and she hood-or by those who have never proper amount of water after two or

"The Boy Is Father Of the Man.'

"Our English teacher," said Don Parks as he stopped at his uncle's shop on his way home from school, "has given us the worst subject for a composition yet-'The Boy is Father it means—that a fellow is sure to be boy. But I don't believe that it is always true. Seems to me that I've

comb, one of our Winton Village boys -good fellow enough, but terribly

"I can see him standing there now, in his lop-sided way, chalk in one hand and eraser in the other, figuring and then rubbing out. He reduced the length of the ditch to feet and divided it by twelve, in long division; and then stopped and wanted to know what the question was. After the teacher had repeated it, he divided by eight, in long division. Next, he started to multiply that quotient by six, but changed his mind and rubbed out. Finally, he did get the answer. He had spent nearly an hour in arriving at the fact that for half as many men to do twice as much work it

would take four times as long. "Mr. Hoyt told him that the trouble with him wasn't stupidity, but heedlessness, and that if he didn't overcome it he would go through life a

"Up to the age of eighteen Will hadn't changed much. At that time he went to live in some town just out of Toronto. I never can seem to remember the name, and I lost

track of him. "A year or so ago I was at the Matson Company's plant in Toronto, and some of the men were telling me about one of those efficiency experts that had been there for a week incover that radiates the heat evenly stituting all sorts of labor-saving devices, and, in fact, revising their

seed at all, but will kill the smut down with a feather. But I stepped right forward and put out my hand.

> 'Isn't this Mr. William Whitcomb?' I "'That's what they call me at home, sometimes,' he said, looking at

> me pretty hard. "'I knew I couldn't be mistaken,' I

chores or errands, but it should not -just as your brother will find that leaving me to infer that in Will's case

bear down hard on the point that if hand before it is too late."

Velvet Eggs.

ed if you will provide a dish or kettle keep an accurate account of every Parents complain that their chil- that holds just a quart, have your three eggs.