RITAIN'S EFFORT SURPASSES ALL

SEA, LAND, AND IN THE AIR SHE LED THE WORLD

British Empire, of Which ngland Has the Major Share,

w that civilization has triumpher "Kultur," it might do Canagood, as part of our Great Britmpire, to realize why-to appre-

re had 700,000 troops of all many of them only partially ed. By May, 1916, she had reed for the army and navy over 000 men (rich men, poor men,

oluntarily. to the time of the signing of rmistice she had raised 7,500,000 and her army in France was nest equipped and trained army world has ever seen, (4,500,000 ese were Englishmen recruited gland; 1,000,000 others of them Englishmen recruited else-

itain Lost One Million Dead. tain's total losses have been fled. Her armies (three quarf them Englishmen) have in East Africa, in Italy, in in the Balkans, have crushed rks in Mesopotamia and Palesnd latterly have held the greatrt of the line on the Western

navy, which the Hun would neet, commenced the war with men and 2,500,000 tons, with rol boats. She ended it with men. 6.500,000 tons and 3,300 weepers and patrol boats.

navy has convoyed the British tile Marine, has transported 000 men (and of these lost only e German action), and among hings, 2,000,000 horses and 25,000,000 tons of explosives polies, 51,000,000 tons of oil 130,000,000 tons of food and upplies. bottled up the German navy

commencement of the war and at it bottled up ever since. British army and naval air n 1914 consisted of 130 maand 900 men. e was signed there were lousands of machines and tens sands of men-they absolutenated the air. and, despite her call on man

by a supreme effort, agrily and industrially, has alherself. She has added over pacres to her cultivated area. tons of cereals and 5,000,000 potatoes, reduced imports of by 3,000,000 tons, replacing by 1,800,000 tons of timber ngland, and forestry work in for the balance,

thed the Allied Armieslants have clothed the Britmch, Italian, Grecian, Serbian er armies, and have largely them with guns, rifles, ad aeroplanes-even our Amriends have been uniformed

er mills. Edition to 90 arsenals, Great now has over 5,000 Governntrolled factories, all workand night on munitions and She has increased her steel om 7,000,000 tons in 1914 to 0 tons in 1918. 1,000,000 of produced 256,348,000 tons of reat deal of which went to

women-God bless them!of them, many of whom had orked in their lives before, ing for their country in her ,000 are on farms.

has spent \$38,000,000,000 var. of which \$7,325,000,000 loaned to her allies. glishman has lived on 1%

ef (or chicken) per week, 14 ter per week, 1/2 lb. of sugar and has faced other food ms we can hardly imagine. sts have increased 110 per

l sums, and at incalculable have been raised for the he sick and wounded, for the comfort of prisoners and for fit and recreation of troops

and abroad. e British birth rate is now

han the total losses of our ing the whole war. The n has increased during the

s England's armies in his-Napeleon Bonaparte in his st as her navy in Elizabethan ke the power of all-conquer-, so does she now with her the Scotch, the Irish, the s, the Australians, the New rs, the South Africans, and as-and are we not intenseto be one of them-with France, with ravished Belth Italy, and latterly with her of her offspring, the ates-from the moment she a guarantee of victory-so now help save this world rreater calamity than any of e Kultur of the unspeakable



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 soils and crops. Address ail questions to Professor Henry G. Beil, in and answers will appear in this column in the order in which they are received. When writing kindly mention this paper. 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.

J. R. S.:-I may grow quite a lot be safe in applying anywhere from of sugar beets this season. Will you 400 to 800 lbs. to the acre, working it please tell me how to prepare into the potato drills or holes before

nure is well rotted, then it should be use or market. Will spraying con- Austria, Hungary, Poland and other The farmer will continue to plow, began to grow bigger and bigger an ed and how rich it is naturally. The to an over-stimulation of the stock 4 per cent. ammonia, 8 to 10 per cent. phosphoric acid, and 2 to 4 per cent. of too large quantities of nitrate of necessary for sugar beets since they It may also be due to irregular waterit is potash that is so closely related to the formation of starch within the beet. 200 lbs. of the fertilizer is best applied through the fertilizer dropping attachment of the beet planter. The remainder should be drilled into the seedbed with the fertilizer dropper of the grain drill before the beets are planted. If you do not have a grain drill with fertilizer sowing attachment, scatter the fertilizer broadcast over the field are preparing for beets, either with a lime spreader or by hand, and then work the fertilizer into the soil thoroughly by harrowing. Since beets are a deep rooted crop fertilizers should be worked well into the beet

Our potatoes were pretty scabby last He explains that the owner of the them. Their feeling was a perfectly apostle could assure them of "remisyear and I would like to know what pure-bred herd should have the same natural one, for they had undoubted- sion of sins," and "the gift of the self to the work of instructing his to do to get rid of the scab. I had relation to the owner of grade cattle ly suffered great wrongs. See, for Holy Spirit." quite a bit of wood ashes saved up as the corn breeder has to the other example, Isaiah's prediction of the last winter and some people tell me farmers who raise crops of market doom of Assyria (Isa. 10: 16-19 and to put them on other crops. 2. I would corn. Of course, it is not necessary 24-27), Nahum's vivid portrayal of like to get my tomatoes also to ripen for all farmers to be corn breeders the fall of Nineveh (Nah. 2, 3), and

Answer:-1. I would not advise it. ditions for the growth of potato scab. their herd by the use of a pure-bred and in sackcloth they cried for mercy Apply your slag to grain crops that sire. The point seems interesting to God. have been well manured. The phos- and if it is correct some farmers who "Let them turn every one from his phoric acid of the slag will tend to feel that they have to apologize for evil way." The king's proclamation balance up the weak point in manure their grade cows can now feel that shows an appreciation of what reas a grain fertilizer. Use a medium thy are doing all right if they are pentance really means. The Old to high grade fertilizer on potatoes selling a fair quantity of market milk Testament words mean simply "turnif you wish to get best results. Suc- from their grade cows and making an ing" and "being sorry." It is turncessful potato growers use fertilizers effort to improve their herd by the ing from sin, turning to God, seeking analyzing from 3 to 5 per cent. am- use of the pure-bred sire. monia, 6 to 8 per cent. phosphoric acid For many years, however, we have the king could not give the people

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the soil so as to get best possible the pieces are dropped. Do not drop And always he wears a complacent Answer: -For sugar beets a med- order to get your tomatoes to ripen

tend to become forked, which means from 10 to 12 per cent. phosphoric of titles. Personally we can't see what or possibly employing his artistic beard footstens coming down the learn footste low sugar and excessive waste. The acid, along with 1 or 2 per cent am- all the row is about. It surely cannot talents in creating studies in black stairs he sourced off as fast as he ground should be deeply plowed and monia. Successful tomato growers hamper a man's usefulness in life just and tan in a shoe shine parlor. stirred to a depth of 8 to 12 inches. use from 300 to 800 lbs. per acre of to have a few initials hitched on to the Our retired scrapman is now in a such fertilizer, working it into the rear end of his name or for that mathas been fall plowed. The crop of soil through the fertilizer dropper of ter to have a "Sir" drum-majoring in his life. With our mind's eye we can beets will depend very largely upon the grain drill or by scattering a front. the plantfood supply in addition to handful around the places where the the thoroughness of tillage that you handful around the places where the On the other hand we do view with the verdant hills of his estate, we can be went into his underground cozy the thoroughness of tillage that you tomato plants are to be set, working concern the growth of the Landed see his look of pleasure as his eye fol. he went into his underground cozy little hole and fell sound asleen for

yield. As a general rule it is vent my tomatoes from rotting on the of Hebrew extraction who delights in that even his patriarchal beard cannot be been sent and those good things. field and to apply manure to corn som end and gradually enlarges or something just as suggestive. They are his, received at the hands of the smothered, too, and very puffy. vines? The rot begins on the blos- the name of Scrapinsky, Junkovitch obscure it. For all these good things ing rather smothered. Jack felt or some other crop, unless the ma- until the fruit is rendered unfit for come to this country from Russia, careless Canadian farmer.

acre. You will have to regulate the or bacterial attack, but is the result come later. In either event they soon cessor. amount you use in accordance with of some break in the continuous growth, which would result from too heavy manuring, or the application soda or some other nitrogen carriers. ing. The best preventatives are careful tillage of the tomato soils and mulching so as to maintain a constant moisture supply and the application of a fair supply of well-balanced fertilizer, so that there may be a regular supply of suitable nourishment for the developing plant. The amount and analysis of such a fertilizer to use to the acre has been outlined in the preceding question.



The Pure-Bred Herd.

C. W. W .: -1. Would you advise is not necessary for all farmers to and the triumph of Israel over the of those who believed in Him. These guess! me to use basic slag on my potatoes? have pure-bred herds of dairy cattle. enemies who had so long oppressed were the conditions upon which the earlier. How can I work my tomato but they do wish to have a place to go the "burden of Babylon" (Isa. 13, to obtain pure seed when they need 14). But the Lord had given to Israel another message for the hea-

applying slag to potatees. First be- However, this does not mean that then world. Israel, as His people cause slag contains only phosphoric more good blood is not needed in and His servant, was to be for "a acid plantfood which is of use for most herds. This blood can be sup- light to the Gentiles" and for "salthe potato crop, whereas the rapid plied by the use of the pure-bred sire vation unto the end of the earth." growing, heavy feeding potato re- and good grade herds. The farmer Jonah had left out of sight in his quires a good supply of nitrogen and who owns pure-bred stock is able to preaching the mercy of God. But his potash; and second, because slag supply pure-bred sires to other farm- stern and unqualified denunciation of contains considerable amount of ac- ers who do not own a pure-bred cow doom stirred the people of the great tive lime which produces ideal con- but wish to improve the quality of city to repentance, and with fasting to do God's will. In his ignorance,

and 3 to 5 per cent. potash. You will learned the difference between pure- any assurance of God's mercy. The bred and scrub stock and it has al- prophet, if he had been so disposed, ways seemed that the arguments have might have done that. But the king been all in favor of the pure-breds. It said, "Who knoweth?" It might be, is rather difficult for some farmers to he thought, that God would regard feel that they are really getting along their penitence and would have mercy with their dairy cattle until they are upon them. able to own some pure-bred stock. "And God repented." He was sorry Bicycle Tires | able to own some pure-bred stock. The ownership of a pure-bred herd gives a farmer some business oppor- and turned from His purpose to destunities that the owner of grade stock troy them. lacks. The chance of selling stock Luke 13: 1-5. A Soiemn Warning. at auction in co-operation with other "Sinners above all." The reference owners of the same breed, is a great is apparently to events which had advantage to the farmer in some com- recently happened. The Galileans munities. The sales of bull calves had been notably rebellious against for sires often prove very profitable Roman authority, and Josephus mentransactions. The study of pedigrees tions more than one massacre in and breeding records is interesting which they suffered. This appears to and instructive and no farmer really have been a case where, by the

gets interested in such things until orders of Pilate, the Roman governor, ! he owns a few pure-bred animals. | a number of Galileans were slaugh-One thing is certain. There is no tered while offering sacrifice. There immediate danger of there being too had also been an accident at Jerusmany breeders of pure-bred dairy alem, when eighteen persons were cattle. The writer believes that killed by the fall of a tower. It was farmers with good grade herds can the common thing in those days to remake fine progress by the use of a gard calamities of that sort, or sickpure-bred sire but also believes that ness, as a punishment for sin. That the farmer who is able to take up was the way in which Job's friends pure-bred stock raising on at least a regarded his sickness, but the book small scale should not be satisfied to of Job is written as a protest against continue with grades if he is inter- its application to him. Jesus says ested in pure-bred animals and en- here, "Think ye that they were ofjoys working with them. There will fenders above all?" "I tell you, Nay: always be enough farmers who do but except ye repent, ye shall all not wish to breed seed corn or pure- likewise perish." bred cattle. The farmers who do take It is true that calamity and sufferup that work seem to find it very ing often seem to be the judgment of God, but it is likewise true that the



INTERNATIONAL LESSON

MAY 25.

Lesson VIII. Repentance-Jonah 3

1-10; Luke 13: 1-5; Acts 2: 37,

38. Golden Text, Mark 1: 14.

A NEW LANDED GENTRY

acquire sufficient English to transact their business of buying and selling old fron and other materials. And their best customers are the farmers. For proof of this statement just glance at the next junk pile you pass and you binder, mower and other implement were cut off in the prime of their use-Now this metal collecting business

is a remunerative one, for after a few years of buying for a song and selling at a good profit our Hebrew friend is in a position to return to the land from whence he came, where by virtue of the wealth he has made from the Canadian farmer he is able to purium loam soil should be chosen. If earlier apply a fertilizer high in There has been a lot of disapproval cial reasons, and being perhaps now chase a baronial hall, the original grown on a heavy clay the beet roots phosphoric acid, say one analyzing voiced lately against the importation engaged as a waiter in a Toronto hotel

start and carry it through a vigorous mediately dissolve and help the grow- town and village you see the creating him testing the luscious fruit of his funny. under way. In every town and village vineyard. And always he wears a A loud scream wakened him. H. G. R.:—What can I do to pre- you will find at least one gentleman complacent smile, a smile so broad

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need of repentance.

Jonah 3. 1-10. The Repentance of in Acts 2: 37-42, of the scene which miles a hop he soon got to-where Nineveh. "Yet forty days." Jonah followed Peter's preaching at Pente- do you 'spose? The Kingdom of had no message of mercy or of hope. cost. Many were convicted of sin, Giants! And a giant little boy just He did not bring to Nineveh the "pricked in their heart." They came danced with glee when he saw Jack. whole of the truth with which he to the apostles saying, "What shall "What a dear little bunny!" cried had been entrusted. Jonah repre- we do? The answer was, "Repent the giant little boy, hugging Jack. sents very perfectly the spirit of ye and be baptized." Repentance was And he was a dear little giant rabmany of the Jews scattered through- the turning of heart and mind toward bit, for the package he had eaten was out the world in the period of Baby- God revealed in Christ. Baptism was yeast. And no wonder he rose up lonian exile and after, who desired the open profession of Christ and so high. Anyway, he lived happily Recently a writer stated that it the overthrow of the heathen nations sign of reception into the company ever after-or pretty happily,

Jack Rabbit's Rise in Life.

Once the funniest thing happened will see that it is made up largely of to little Jack Rabbit! It really did. Jack was an inquisitive little body parts, which through exposure and and one warm day not long ago, want of care on the farmers' part, finding a door invitingly open, he hophave been scrapped. These implements ped into the kitchen of a nice little

The cook was upstairs and Jack wiggled his nose and twinkled his ears, and saw what he could see. Then he hopped here and there, sampling several things that appealed to him, looked through the cookbook to see if there were any new recipes his wife might fancy and glanced over the morning paper.

age struck his eye. It was lying be-

give the seedbed. Keep in mind that tomato plants are to be set, working concern the growth of the Landed see his look of pleasure as his eye for, the fertilizer well into the soil so Gentry whom the farmers of Ontario lows the gambols of his kids both little hole and fell sound asleep, for, you want to give the crop an early that the available plantfood may imare unconsciously creating. In every Jewish and goatish. Or again, we see to tell the truth, it made him feel very

"Rabbit's foot and cat's ears!"

Then a strange thing happened, he European countries; sometimes with sow and reap; incidentally he will bigger. Now he filled the whole Geo. H. Hees, Son & Co., Ltd. Some successful beet growers use as tomatoes is a trouble that is not fully horse and wagon and rent a storage and thus continue the business of pro-Answer:—The blossom end rot of sufficient funds to purchase an ancient neglect to build an implement shed, room and Mrs. Jack with a scream high as 800 lbs. of fertilizer to the understood. It is not due to any blight yard, but more often these accessories viding scrap for the junk man's sucthen it popped right out of the roof, and after it his shoulders. His poor house was a ruin. And poor Mrs. Jack! Where was she?

Jack could not stop to look, for, you see, he never stopped growing. He shot up as tall as a tree and out till he was fat as a house.

He gave a hop and landed a mile from his home, and still he kept growing. Now he was tall as two trees innocent suffer with the guilty. Such and every hop carried him ten miles experiences do sometimes lead men to further. Then he stopped growing. repentance, but Christ's warning is He began to cry, for he was so addressed to all, for all are in equal lonely away up in the air and so big. And as he did not know what else There is a graphic picture drawn to do he kept on hopping and at ten

neighbors by example and precept.

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Device for Drenching Stock. to drench cattle, horses and pigs with grains of sand on the balances. How medicine under the direction of the many, many bodies have been bent veterinary. The greatest obstacle we and twisted and destroyed in the have yet encountered was the danger storm of war? They broke and died, of the animal breaking off the neck but the soul lived, and no tempest of the bottle. To overcome this dan- of shrapnel and machine gun bullets ger, we have wrapped our drenching was able to touch it. Bodies bled and bottle tightly about the neck with rotted in the trenches of Europe, old rags, thus giving the animal op- performing thereby the highest serportunity to hite all it pleases, but vice given to a body to perform. without damage to the bottle. The Souls grew beautiful and Christlike rags keep the teeth from the neck there, and were taken from the of the bottle, and the danger is broken castle of the body to dwell It was then that a neat little pack- greatly lessened, if not totally re- on the banks of the River of Life

to be greatly stirred and what might have been an inducement to hold them to the farm becomes a club to drive them from it.

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Bodies have been of little account We have frequently had occasion them thrown by the handful like

"THEIR SOUL SHALL BE

AS A WATERED GARDEN"

A body is meant to serve-sometimes in mire and blood. The soul is meant to be always beautiful and clean and pure. Let us not mistake the nature and the end of each; let us never conclude that, because the body may walk in the mud and perform the highest service, the soul may reach out its hands to sin and

still please God.

A watered garden- how much preparation and care the gardener has put into it! How much personal interest and planning! How much digging and fertilizing and pulling of weeds and carrying away of rubbish! Can a soul be made beautiful with less care and labor and time than a garden?

A watered garden-how beautiful it is! The plants are full and rounded out with leaves. There are blossoms and flowers everywhere. Color and order mark the whole inclosure. Oh, that we might enter the realms of the soul and find it always so!

A watered garden-how the fruit grows and increases! Every plant and every stem bends with it. It ripens and in gathered day by day by the gardener. How pleased he is as he takes it home! "And he shall be like a tree planted by the rivers of water, that bringeth forth his fruit in his season; his leaf also shall not wither."

A watered garden-O precious spot to the gardener! Every hour that is his own he spends there. He knows and loves every plant-guards it and watches it with tender care. Every blossom brings him joy.

May God grant that in these days our souls may be to Him as watered gardens for the sake of Jesus Christ, who died and watered the garden of souls with His blood. We will give our bodies freely for whatever service duty requires of us, but let us keep our souls clean for Jesus Christ.

The Weight of the Load.

"The weight of a load depends upon the attraction of the earth. A ton on some other planet, where the attraction of gravity is less, would not weigh half a ton."

Margaret Langley looked up from the little book she was reading, and then slowly and thoughtfully she reread the passage aloud.

"That's very interesting as a fact in physical science, isn't it, Laura?" she said. "I wonder if it isn't just es interesting and a good deal more relpful in the spiritual realm." "Our burdens, you mean?" queried

"Yes, and our little worries. If the 'attraction of the earth' were removed, for example, how much should I worry about whether my new dress would be done in time for to-morrow evening, or whether my dinner would be successful, or whether the famous general with whom I hope to impress Mrs. Porter will find that he can

stay over for it!" She smiled whim-Laura smiled appreciatively in response. "Over at our house," she confessed honestly, "we are fairly sick with anxiety for fear Tom won't make the best fraternity at college and father won't get the raise in salary that he has asked for. There is the 'attraction of the earth' in the worries, all right, and perhaps it is responsible, too, for a part of the load. Wouldn't it be nice to move to that planet where things weigh only half as much!" she added, with a

Margaret nodded, "Or where they don't weigh at all," she said. "It is marvelous how many cases there are in which it applies, as you think it out. But what I wonder about most is sorrow and suffering-real burdens of that sort. Mrs. Thaxter, for example. She is bearing up so wonderfully under the death of her two sons. I wonder-"

"You know what Bishop Burns says about her," suggested Laura quickly, "that if ever a woman lived right here and now in the kingdom of heaven it is Mrs. Thaxter." "Yes, I remember—and that is the

secret, isn't it?" cried Margaret, with kindling eyes. "In the kingdom of heaven you don't have to bear the weight of the earthly cares and sorof the parable. In our daily material lives we have no way of counteracting the force of gravity that is dragging at the box, for instance, that we are trying to lift. But in our spir-itual lives, in order to free our selves from every weight, we have only to obey the command: "Set your affection on things above, not on things

