astworthy an airplane probe one of the strongest the world. Not only are sted to gunfire but their ion makes heavy demands rength. The very speed of harious tends, to quant

run with propellers made hich had been dried to the ible moisture cuntent, or s they say at the Forest boratory, the quils of the ly exident ap which was

machine engines run at 1. o 2,000. An engine of this d use a nine tootisix inch and the speed of the blade be in the ne hborhood of

ousneds of pounds of square inch are generataction alone, says the orestry Magazine at and propellers have been dit at the centre and dy of the mallest lack of bale the pull of | one ree that, of the other

is a change of die sion,

conditions of motors

ien an aviator has to to p plunge, or ascend sharply ing to bring down or esin enemy, the machine has withstand these unusual

airplane manufact re per cent, perfect. In other e may be a slight margin ion, and this is recognizr grading rules. In airever, the safety of aviator demands entire freedom

Sitka spruce, the favorite rplane construction, there in obtaining the very high-The United States forest mates that only 13, per ximately, is available for is reported to have said 37 board feet, on an aver-

to planes from each 1,000 tity of wood needed for caries, of course, with the machine; few of the , prepes contain less than 250 it may take 2000 feet ough to furnish this ne lumberman is making ing only the straightest of ined stuff by splitting it og instead of sawing it. He at the expense of conooperage stock or hickory But the resultant product d in considerable quantiome are made of mahogte layers of mahogany and ahogany and ash. Black ause this wood does not and cherry have found n propeller manufacture. has been used in making

SOF IRON, AT GAZA.

ssors of the Present-Day

nks" in Palestine.
first of war correspondhe Rook of Joshua there thing seen in Palestine to h the onslaught of the e sands and the monitors s of Gaza," says the Lon-

cturesque special correwhom we owe the narra2 in and moon standing still v of Ajalon had witnessed et of General Allenby's e might have pictured belowing on the shore and ing out of the sea. It is he Book of Judges 'that ribe of Judah took Gaza, not drive out the inhabit-

valley because they had ron." have transformed the iron" into tanks, we see case the omens are in fahyaders, and we may reasthat the clearing out of the will be final and commust not forget the hero-callant soldiers, fighting in ert, "while a wind like a re raises clouds of dust" and of milk and honey;"

British waters are greennish dlive. Those caught

The Markdale STANDARD

is published on Thursday by C. W. RUTLEDGE,

Ontario. ESCRIPTION:-to subscribers in

.... \$1.50 a year; in the United 5. Twenty-five cents added not paid in advance. No paper a timud until all arrears are prid . the option of the publisher.

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be inserted till forbid, and charg-

ad accordingly.
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ly of Toronto. Office over the ffice. Office hours, 9 a.m., to are call up residence by telephone to reception room of dental office.

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Baid at Stephens' Drug Store.

MARKDALE STANDARD

VOL. 38

MARKDALE, ONT., THURSDAY, DECEMBER 13, 1917.

Henry G. Bell.

Established in 1875

FRATERNAL.

Hiram Lodge, No. 490, G. R. C. larkdale, meets in Masonie Hall, McFarland Block, on Tuesday evening on or before the full moon every month. Visiting brothren cordially invited. Jno. Caesar, W.M.; T. H. Reburn, Secretary.

C. O. C. F., No. 899. Court Markdale, Canadian Order Chosen Friends, No. 899, fourth Tuesday in the month in Ennis' Hall at 8 o'clock. A. Jackson, Chief Councillor; R. W. Ennis, Recorder.

EAUGEEN LODGE, No. 387. brethren always welcome. W. J.

Hamilton, N.G.; R. W. Ennis, Sec. COURT GREY, 1151, C.O.F. Advis. of Farms and Real Estate month in Mathews' Hall at 8 p.m. Wisting brethren always welcome. P. J. Thompson, C.R.; Alex. McEach-

> MARKDALE, L. O. L., No. 1045. Meets in Sarjeant's block on Thursmade welcome. J. J. Richardson, W.M. John McFadden, Secretary.



Synopsis of Canadian Northwest Land Regulations.

THE sole head of a family, or any male over 18 years old, who wer at the commencement of the present war, and has since continued to be a British

RUMANIA AGREES TO HUN ARMISTICE

Jassy, Rumania. Dec. 10. It is understood that an armistice for three Barristers, Solicitors, Etc. months, between the German and Rumanian forces, taking in also the Russians on the Rumanian front, has been agreed upon. All the conditions of the Russians on the Russians on the Russians of th been agreed upon. All the condiwere accepted by the Germans with the exception of one prohibiting the transfer of troops to other fronts, in

refined, purified and so skilfully

HIGHEST PRICES PAID and GINSENG

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220 St. Paul St. W. Montreal, P.Q. Reference, Union Bk. of Canada

Tarm Crop Queries

Conducted by Professor Henry G. Bell The object of this department is to place at the ser-vice of our farm readers the advice of an acknowledged authority on all subjects pertaining to soils and crops.

Address all questions to Professor Henry G. Bell, In care of The Wilson Publishing Company, Limited, Toronto, 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.

The Fertilizer Industry and The prospect for fertilizers for the spring Potato Situation.

Conditions surrounding the production of the fundamental article of which now face the fertilizer industry

150,000,000 bushels of wheat to ex-tion will yet face the industry. "bstitute other materials for our material from which much of the sul-1 food so that wheat may go abroad phuric acid has been made is Spanish

I grower is faced with the great scar-

who have served overseas and have been than ever upon intensive methods in honourably discharged receive one day priority in applying for entry at local Agent's Office (but not. Sub-Agency). grower is faced with the great scar-lisebarge papers and the presented to city of farm labor and with an increase. Deputy simpler of the interest potato area is simply to manufacture at the potato area is simply at the potato at the

Cost per bushel depends on yield per acre

able phosphoric acid.

Ammoniates

										437		
ost Pe	r .	•	Ŷie	ld Per	A	re	(Busl	içls)		,		
	70	. 80	90	100		10	120	130	140.	150	175	200
20.00	285	.25	.222	20				. 1				
80.00	428	.375	.333	.30		272	.25		The second		T. I.J.	٠
40:00"	571	.50	.444	. 40		363	333	.307	. 285	.266		11 11 11
50.00	.714	.625	.555	.50		54	.416	.384	.357	.333	.285	.25
60.00	. 859	.75	666	.60		45	.50	.461	.428	.40 .	.342	.30
70.00	1.00	.875	:777.	.70	- :1	36	:583	.538	.50	.466	40	.35
	1. 142	1.00	888			27	.666		571	.533		.40
	1.285		1.00	.90		- 10	.75			.60		
	1.428		1.11	1.00	- 1	909		.769			.5714	
	1.541		1.22		1.		.916		.785	.733		
	1.714			1.20	1.	19 1		.923		.80		.60
		1.625						1.00		.866		.65

Don't delay It may mean much. to the high price of seed and increased enormously. cost of fertilizer and labor. At such a cost, if potatoes yield 200 bushels to the acre, the cost is 50c. a bushel; still

> average yield per acre. In view of these facts, potnto-grow- other explosives. ers will be especially interested in the

von Mackensen at Bucharest. On its to supply the potato crop with a larger large quantities of nitrate in the as animal feeds or grains, without hour's time, for seven boys and ten mulitions purpose. The two der arrival at Fokshani the joint Russo- quantity of available plantfood will manufacture of high explosives. An which no experienced poultryman girls. A two act play, for one boy saves for food purposes considerable Bases hardware store). Entrades Rumanian commission, which is con- necessarily increase the cost per acre other ammoniate that has formerly would think of trying to produce eggs, and nine girls is entitled "The Could quantities of lastley, con and type southwest corner of building. ducting the hegotiations, was received to some extent, but will at the same formed a large part of the nitrogentime increase the yield per acre to an carrying material in fertilizers is sulextent that will mean the ultimater phate of ammonia. This material, AGFIFFE EDICEMIC

Every winter Health Boards

warn against this weakening disease which often strikes

extent that will mean the ultimate phase of ammonia. This material, great pains to provide their flocks tion with your city sisters over the diers. These delectables are not in too, is being used more and more as a basis for the manufacture of high explosives, in traiso forms the basis of empirical statement concerning the empirical statement concerning the control of the concerning too, is being used more and more as a basis for the manufacture of high explosives, in traiso forms the basis of empirical statement concerning the control of the production of the crop at a consideration, is being used more and more as a basis for the manufacture of high explosives, in traiso forms the basis of the price of potatoes, aren't you? Well of price of potatoes, aren't you? Well of the price of potatoes, aren't you? Well of price of potatoes aren't you? W ce. Office hours, 9 a.m., to disease which often strikes with those who are least prepared to the potato-grower if he studies it fresh for the men on the firing line rather mismanagement, is really a without taking into account the cost-of. France seven pounds. to resist it. You should strengthen yourself against grippe by taking spends but \$40.00 per acre in the preparation of his field and the handling for the extent of a million and a half food element, without the suctoresist it. You should strengthen to the potato-grower are in the preother industry have usually been used to the extent of a million and a half food element, without the aid of the of the crop throughout, and obtains tons per annum. High-priced crops mineral salts contained in the sucapproximately 80 bushels per acre, always mean high-priced meat culent feeds. A flock may appear to his potatoes cost him 50c. a bushel animals. It is impossible for the thrive without green food, but whatIf by careful fertilization of potatoes farmer to feed high-priced corn and ever productiveness the hens show it and a little more careful culture at an sell his livestock at a low price. Now, is not normal, nor permanent, nor and a little more careful culture at an sell his livestock at a low price. Now, is not normal, nor permanent, nor aggregate cost of \$60 per acre, he can in order to hasten the maturing of the healthful. Succulent feeds correspond to 150 bushels per acre, he can reduce rations closer and closer. They are "roughage," the bulky feeds, such as refined, purified and so skilfully prepared that it enriches the blood streams, creates reserve strength and fortifies the lungs and throat.

Don't delay—It may mean much.

They are discovered to skilfully prepared that it enriches the blood streams, creates reserve strength and fortifies the lungs and throat.

They are droughage," the bulky feeds, such as feeding more concentrates, and confider, which are feeding more concentrates, and confiders, which are feeding more concentrates, and confiders, which are fe

Potash

if, that yield can be increased to 250 grower is especially interested in has the highly concentrated foods and aid guard the holy places. bushels per acre, the cost will be 10c. undergone most severe competition less per bushel. There are two points within the period of the war. The Gerfor the 1918 potato-grower to keep man embargo and the activity of the in mind; first, that there is bound to submarines have absolutely cut off the be a tremendous call for food; second, that liberal fertilization, even at considerable increased cost, will, if inteligration is quoted at over \$350 a ton. This ligently applied, greatly increase the material, too, has an important place in the manufacture of gunpowder and

The shutting off of the European

supply created great incentive for COSSACK RISING been rewarded more or less in the development of the kelp industry, which is nothing more than the cutting and drying of the seawceds at the ocean edge, plants which are high in potash. Recently it has been discov-

rock at cement mills contains approximately 1.95 pounds of potash per barrel of cement manufactured. Altogether these home sources of putash are producing approximately 30,000 tons of K2O versus the normal need of 250,000 tons of K2O.

red that the dust from the marl and

When you add to these difficulties in obtaining nitrogen carriers, phosphoric acid and potash, the fact that burlap bags have increased from \$85 to \$240 a thousand, and labor has increased in cost from 50 to 75%, you will see the logic and necessity of the of 1918. It is not my purpose to increase in cost of fertilizers for the relate the story of the difficulties crop of 1918.

The figures I have presented are Canadian diet and the source of its only insofar as it has a bearing upon not guesses or mere estimates. They greatest plantfood supply are so in- the supply and necessarily upon the are figures that have been deduced by timately related that they deserve cost of fertilizers next spring. Let extensive surveys of the fertilizer inspecial consideration,
The productive fields of France, little, Great Britain and Belgium, acid phosphate. As you know, the interested parties. The outlook for that normally produce cereals to the supply of phosphate rock comes from the supply of fertilizers, in view of extent-that those countries need im- Florida, Tennesee and Carolina. There the foregoing facts, seems to look port from America only 380,804,000 are about 1,800,000 tons of this ma-rather foreboding, yet the increased bushels of cereals, have been so laid terial used annually in the manufactorst of average analyses used on waste that in order to keep up the nor- ture of acid phosphate. Owing to the potatoes, analyses that carry apmal consumption, the total import re-extra burden imposed on boat and proximately half or less the potash quired this year will be 577,709,000; railways in the transportation of army that was supplied in potato fertilizers binsk, the junction point of the and greatly retarded the task of the supplies, troops and regular freight, previous to the war, has increased but Trans-Siberian railway, in order to sailors and soldiers at week in the Canada has but little in excess of it is feared that even worse conges- a moderate amount in view of the much increased prices being lobtained port this year. Now, if we are to In order to reduce the rock to a for the produce. It is doubtful if the maintain our position in the gigantic solumble form, the industry requires a 1918 selling price of the average potutask we have undertaken, we must large quantity of sulphuric acid. The to fertilizer would be found to exceed prices obtaining under normal condi-Indication a subject of subject tions by more than 40%. Looking at the question in another way: Ah applications of 1500 pounds per acre of and a quarter pounds of sugar at six and the populace in the countries that with such vigor that the supply is 5-8-4, which would formorly cost ap- pence a pound, half a dozen eggs for potnto-growers are going to be faced -Custards.

this important eror. Now, the basis of good grading is high quality ma-The supply of ammoniates faces ant in standardizing the quality of Woodbine Ave., Toronto. terial. No one factor is more importcity of farm labor and with an increas- similar competition. Under former Canadian potatoes than the judicious W. W. CORY. ing cost of same. To increase his conditions Chilean nitrates sol. to the feeding of the growing crop with potato area is simply to multiply sev-inamportant items in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section of the important items in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section of the important items in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section of the important items in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the important items in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. Now it and prominent potato-growing section in the ately \$2.25 a hundred-weight. tions of this continent have de the hands thoroughly after washing crop years; you can of the prices important in standardizing the quality good remedy is glycerine with a few. Mrs. Ontario: You also were judicious feeding of the growing crop piece of cut lemon on the hands will lessons so closely. They are with available plantfood.



gular bill of fare than as a staple and Marion. regard to which negotiations are still cost of production of potatoes. To ranges from \$4.75 to 5.00 a hundred-culent feeds, which is another term children's acting is "Ye Village Skew" license the use of wheat in the district. being carried on with Field Marshall prepare his potato seed-bed better and weight. Munition manufacturers use for green stuffs, are just as important of Long Ago," in one act, taking an tion of alcohol for manufacturers of

able nutrients, for most green stuffs and surrendered. The Chancellor said Reitish, French lenby expected to enter Jerusalem of fair quantities, the succulent feeds and Mohammedan representatives ficially to-morrow, accompanied by

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Please write for particulars. P. POULIN & CO., 39 Bonsocours Market, Montreal

benefit from taking "Truitsa-tives". I suffered for years from Rheumatism

Bolsheviki Government Menneed only medicine that ready all me good, by Gen. Kaledines' Troops.

London, - Dec. 10 .- The counter evolt against the Bolsheviki regime in South-eastern Russia apparently is gaining momentum. Already the movement is spreading fan-like from the chosen bases northward, northeastward, and north-westward, while preparations are hastening to extend t southward into the Caucausas Meantime the Bolsheviki Government continues to issue manifestness calling upon its followers to resist the attempt that is being made to over-

From his base in the River Don region Gen. Kaledines, hetman of the Don Cossacks, is moving toward the borders of the Ukraine, which already has declared its independence of and hostility to the Bolsheviki elements, and at the same time is form. of those visitations of sover weather ing a menace to Moscow, where the conditions that seem to bake Book Bolsheviki is in control: In the crowded into the few day since the centre others of the revolutionaries disaster. A heavy snowstorm became are making their, way north-west- about noon, and materially hanipered ward, while from Orenburg, near the the work of the searchers among the Siberian frontier, Gen. Duteff is pre- ruins. The worst feature of the snowcooling in a north-easterly direction fall was that it obliverated the results prevent food and other supplies burned-out area. Y reaching European Russia, and lespecially Petrograd, from Siberia and homes for the twenty-five tions and Pacific ports.

Teacher (to class in arithmetic) -John goes marketing. He buys in a shilling, and one pint of milk at kix. Eastly, elen were concentrated. The

ly exceed a cost of more than \$60 an pence, a quert. What does it all material that he does provise the acre this coming spring. You as make? Smallest boy (hesitatingly city from-cities and private individual in the United States and Capacia had begun to arrive to-day

> Mothers and daughters of all acie are cordially invited to write to tills department. Initials only will be published with each question and its answeres a means of identification, but full came and address must be given in each letter., Write on one elde of paper only. Answers will be malled direct if stamped and addressed envelope in enclosed.

Address all correspondence for tile department to Mrs. Heien Law. 235

Apply the vaseline at night. Another in spite of the cold facts

THEONLYMEDICINE

THAT HELPED HER

"Fruit-a-tives Again Proves Its

Extraordinary Powers

Rochos, Qeal, Mainh and, 1915.

"I have received the roost wonderful

and change of life, and I took every

remedy obtainable without possits! I

tried "Pruitatetives," god it was the

Nov I am entirely well the Physical

matism has disappeared and the ter-

rible pains in my body are all gone. If

hope that others, who suffer from such -

distressing diseases, will very "term as

ide, a box, 6 for \$ 100, 1 lain, 1, yes.

At all dealers or sent politically Practi-

THE TRAGEDY'S FOLL.

Halifax, N.S., Dec. 10. Tobuight's

igures on the casualties in connection,

Known dead 1.230

Identified 940

Unaccounted for 1,930

The work of temporarily providing

was under way to-day. Construction

gangs were organised by the commit

the available supplies of lataber, plass,

astives Limited, Original.

tinde"; MADAMERISALE BOURDEN.

of potatoes on this continent than the drops off lemon Juice. Rubbing & man to follow the Domestic Spate remove stains and whiten them beauting alily one of the best series on the fully.

Maid Marion:—To stiffen a crocked basket, dissolve one part of geleking in a scrap book will be appreciated in a scrap book will be appreciated later on by the wee displaced in the oven. This gives a pure white prince a very slight crosmy that was piece a very slight creamy tint; on an alcoholic liquor in Canada You have . There is a tendency for poultry ecru piece it has no apparent effect, evidently overlooked the order to raisers to consider green food more in The happy recipient of your basker council of August a mich the the light of an accessory to the re- will appreciate it, I am sure, Nitive use of wheat for distinction or many facture of alcohol was probinited, ex necessity. This is a mistake. Suc- Rosalind: A popular little play for cept that the Food Continuer may

JERUSALEM SURROUNDED BY BRITISH; TURKS FORCED TO CAPITULATE

After Twelve Centuries the Flags of the Allies Replace the Crescent; Holy Places Safeguarded.

The one constituent that the potato- serve to counteract the evil effects of were on the way to Jerusalem to safe- the Commanders of the Freuch and

the Chancellor said. Welsh and horne that had gone ahead on the safeguardcounty troops, advancing from the digiting mission, the Chancellor stated rection of Bethlehem, drove back the . The capture of Jerusalem had been

London, Dec. 10 .- Andrew Bonar positions west and northwest of Jemis

Italian contingents and the heads of General Allenby reported that on the French political Mission British Saturday he attacked the enemy's political officers, together with the positions south and west of Jerusalem, British Governor, were in the party

enemy and, passing Jerusalem on the delayed to some degree, added, the east, established themselves on the Chancellor, in consequence of the Jerusalem-Jericho road. At the same great care that had been taken to. time London infantry and dismounted avoid damage to the secred places Yeomanny attacked the strong enemy and around the city.