(Furnished by the Ontario Department of Agriculture)

Sheep Owners Sign Contracts

agree to market all wool in future depending on size and quality. through the Canadian Co-operative Wool Growers, and signatures are still pouring in. The original objective of policy has already been passed.

Lice and Mites

the birds during the night. Coal oil Northern Ontario. has been used effectively in destroying the pests on the roosts and a nicotine preparation painted on the roost in the evening will destroy the vermin on both roosts and birds. The fumes permeating through the feathers do their work.

Fruit Prospects Excellent

Lincoln County, the leading tender fruit section of Ontario, reports one of the best crops of all kinds of fruit in recent years. Sweet and sour cherries are excellent, but prices have been somewhat low. There was also a good showing of early vegetables. From the apple sections reports indicate that the crop will be considerably smaller than a year ago. Orchards which have taken advantage of spray service are coming on exceptionally well, but in other orchards scab is making its appearance. There will be a considerable increase in the size of apples this year. Potato sections report an outlook for more than the average yield of potatoes this year and early potatoes are now finding their way to market.

Canadian Hens Prominent

Canadian entries in the over-seas section of the British national egg-laying contest are holding their own with and fourth positions in the internation- O.A.C. Over 125 judges were in attend- methods.

Weekly Crop Report

cwt. for milk." This is the fly in the the plowmen, the time being taken up growers used to dread the ravages of ointment of the most recent reports re- with demonstrations in the fields. In the terrible potato disease. Biologists ceived from district agricultural re- the evening a joint meeting of all jud- began to study the question. It was presentatives. The report comes from ges was held in Massey Hall, where found that some varieties had much the dairy districts, both of the Eastern addresses were given on live-stock greater powers of resistance to the disand Western sections of the province. judging, crop competitions, and plow-For the beef sections, similar reports manship by experts in each branch. are received as to the effect of the On Thursday and Friday the liveslump in the price of beef cattle which stock men and field crop men were dihas affected cattle grazers quite severe- vided in groups and the time spent in

Prices for other farm commodities are likewise low. On the other hand, fifteen years ago, and have been held at the prospects for crop yields are excel- intervals of two years ever since. Primlent. Abundant rainfall has given the arily they are to get judges from all necessary moisture to the soil in most parts of Ontario together for purposes parts of the province and it is now es- of demonstation and discussion so that timated that there is nearly enough a uniform standard can be kept for moisture to carry spring crops through judging at competitions and shows to the ripening stage. In some sections throughout the Province. there has been a trifle too much rain, particularly in Northern Ontario, where excessive wet weather damaged spring

the province and livestock is benefiting blem, weeds, becomes strikingly appar- of vitamin A in suitable quantities enaccordingly. There will be an average ent. Now, too, is the time to get ef- sures that the right kind of body-buildalfalfa crop and a very good hay crop fective work in for their eradication. ing goes on. Vitamin D is the unseen of all kinds throughout Ontario. The There is only one thing to do with helper whose presence prevents the ocstand of fall wheat is looking excellent, weeds-get rid of them; and cultivation currence of rickets and kindred dis-

large acreage being left for seed. Seed other methods are used. Two good are afvorable to its production. is setting well and there will likely be a reasons for the elimination of weeds

been busy harvesting their crop. Re- take up a large percentage of the use of a tungsten arc lamp which is ports indicate that the yield of canning moisture needed by growing crops; and rich in these rays. Litters of young pigs peas is above normal, and vining sta- (2) They use up much of the plant foods treated with ultra-violet rays grew so tions and canning factories have been so necessary to growing crops. working to capacity.

with the exception of eggs, which have The Chronicle.

Free Flowing

Fertilizers

It's here at last! . . . An entirely new,

Free Flowing Fertilizer that can't clog in

the drill! . . . That saves you time and

labour! . . . That gives you greater and

C-I-L Mixed Fertilizers, made in Canada.

Let us tell you about them.

Kept in stock by

A. G. MUIR

Ceylon, Ontario

more even coverage!

moved readily at from 28c to 25c. More than 6,000 Canadian sheep own- Broilers are plentiful and hard to sell, ers have signed contracts in which they proces ranging from 60c. to \$1.25 each,

Northern Ontario Progresses

There are many people who think of three million pounds, which was set as Northern Ontario as a large area pro-the minimum amount necessary to en-ducing a wealth of minerals and not a sure the success of the new marketing little pulpwood. It is good to know that gratifying progress is being made along the lines of dairy production all through that district known as the No matter how carefully the hen- "Clay Belt", which runs through Onhouse has been cleaned and disinfect- tario north of the Great Lakes and over ed, lice and mites will put in their ap- into Quebec. In 1917 a creamery was pearance before the summer is over, established in New Liskeard, which They are a source of great annoyance made 40,000 ths. of butter that year. In to the the birds and may become so 1929 the 17 creameries in that district bad as to practically drive the flock out produced over 1,000,000 pounds of butof the building. A good dust bath for ter and the market milk trade among

the hens or dusting sodium fluoride into the many towns and villages seems to their feathers will help get rid of the be well organized. There is a steady vermin from the bodies, but there are demand for good dairy cows and in always some cracks around the walls 1928 fifty pure bred bulls were placed and roosts where the vermin hide dur- in Temiskaming alone. Prospects point ing the day and come out to feed on to an excellent dairy development for

> Sheep Dipping Pays Wellington County now has 44 Community Sheep Dipping Tanks. Six new tanks have been built this spring and most of the dipping has been completed. Last year 9065 sheep were dipped in 38 tanks but this year the number will exceed 10,000 or about one third of the sheep and lambs in the county. The cost is between three and four cents per head but those who dip regularly estimate that it is worth \$1.00 per year per head to dip sheep and lambs. Thus the tanks in Wellington County can be figured to be worth about \$10,000 to the sheep raisers this year. So satisfactory have been the results that it is the aim of the Live Stock Improvement Association to make sheep dipping compulsory in this county in the course of a couple of years, as in Great Britain. It is scarcely human to leave whole flocks of helpless lambs covered with large hungry PROGRESSIVE FARMERS blood-sucking ticks, to say nothing about poor economy. 950 sheep were dipped in two tanks last week which is about the record for this county.

ance which included plowing match judges, standing field crop judges and an early introduction of scientific their present excellent performance. "Markets are at a low ebb and farm- and dairy cattle, sheep and swine.

These courses were started about

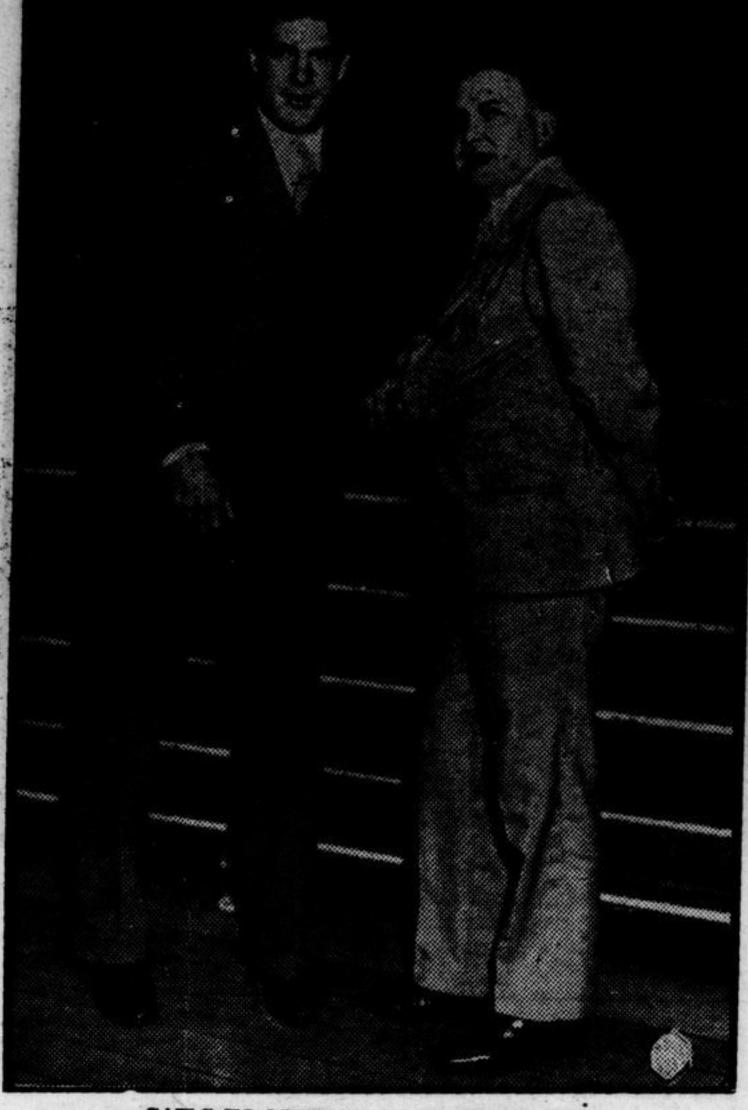
practical judging and discussion.

WEEDS, WEEDS, WEEDS!

likewise the various spring grain crops. is the best way by which this can be eases. Haying operations have been general done. Get the weeds killed before they Vitamin D is present in all fatty large crop of alfalfa seed this year. are given by experts of the Dominion some astonishing results are being ob-

The poultry market has been dull It will pay you to advertise in

CIP-2D



SAILS TO MEET BRITISH CHAMPION

Big Bill Stribling and his father-manager have just sailed for London, where the Georgia heavyweight's bout with Phil Scott for the championship of Europe will be staged. Pa Stribing carried a \$25,000 certified cheque with which he will challenge Max Schmeling in case his son defeats Scott.

USE SCIENTIFIC HELPS

The farmer no longer holds what was good enough for his greatgrandfather is good enough for him. place with a score of 782 points. The Short Course for Departmental Judges He has realized that, though everything leading pen in the international contest Under the supervision of Mr. J. comes to him from the soil and the sun, is an entry of Rhode Island Reds from Lockie Wilson, Superintendent of the science can help him to produce two France, total score 926 points. Second the world's best egg producers, accord- Ontario Agricultural Societies, a short ears of corn where one grew before, to ing to reports recently received, which course for Departmental Judges was stave off disease from his live stock show that Canadian hens hold third held on July 2nd, 3rd and 4th, at the and his crops and to eliminate wasteful

judges of heavy and light horses, beef methods on the farm is to be found in ers are only realizing \$1.00 to \$1.25 per Wednesday was devoted mainly to article in Tit-Bits. Year after year the recent story of the potato, says an ease than others. By carefully crossing these types, new disease-proof breeds of potato have been produced.

Wheat and all other kinds of corn are benefiting from the attentions of the biologist, the bacteriologist, and the pestologist. We now know which strain of any particular corn will be best suited by the soil of any locality and the result is healthier, stronger, and heavier crops.

Recently a further advance of enormous importance has been made by the combined forces of biology and radiology. The rapid and healthy growth of young human beings and young animals depends very largely This is the period of the year when upon two of those mysterious substan-Pastures are good practically all over the farmer's greatest perennial pro- ces known as vitamins. The presence

with the quality of hay below average, have a chance to go to seed-hoeing is animal foods such as milk, and particdue to the catchy weather. Alfalfa seed good in some crops; after-harvest cul- ularly cod-liver oid. It has long been producing sections report an unusually tivation helps clean grain fields; and known that ultra-violet rays of light

On a Hertfordshire farm in England Growers of canning factory peas have Department of Agriculture—(1) Weeds tained by Mr. J. O. Hickman by the rapidly that at one period their weight increased by three pounds a day. It was found possible to get them ready for market three or four weeks earlier than pigs born at the same time which did not receive ray treatment.

Mr. Hickman found that treating cows with the ultra-violet rays just before milking had a wonderful effect upon the milk, greatly reducing the number of microbes to be found in it. Encouraged by this, he carried the experiment a step further. The milk was run over an ordinary cooler and was exposed during the process to the rays of a special lamp. Here the results were even more remarkable, for a big increase takes place in the amount of vitamin D, though the exposure lasts only for fifteen seconds. Irradiated milk is now being supplied by Mr. Hickman to the Hospital for Children in Great Ormand street, London, England, where it is having most beneficial effects upon the patients.

Perhaps the most amazing effect of what irradiated milk can do, even to the old, is to be found in Mr. Hickman's own village of Micklefield Green. An old man of eighty-five was a chronic sufferer from bronchitis, which made him thin and ailing. After being put on the special milk for a month he became a picture of health but he now refuses to continue the treatment, for he says he is growing out of his clothes and cannot afford a new

CANADIAN POULTRY IS AMONG THE WORLD'S BEST

A report recently received by F. C. Elford, Dominion Poultry Husbandman. shows that Canadian entries in the Overseas Section of the British National Laying Contest now being conducted in the Old Country are among the leaders, holding third and fourth place respectively. A pen of White Leg-

horns entered by C. D. Calder of Cowansville, P.G., holds third place with a total score of 825 points, while a pen of the same breed entered by J. C. place is held by an entry of the same breed from Ireland with a total of 924 points. With some weeks yet to go the position of the Canadian entries may One of the most striking instances of be materially improved if they keep up

NOT Dug, Jugged!! There's gold in them there mountains, There's gold in them there hills, The natives there are getting it By operating stills.

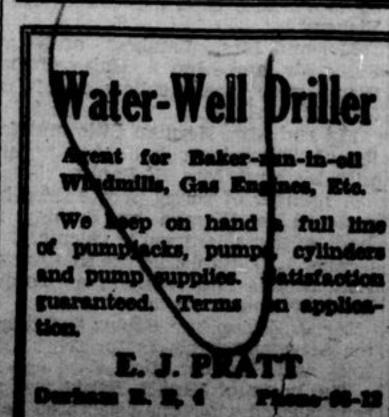


worth knowing

IF you want to keep down your tire investment, ask us about Pathfinder-Goodyear's contribution to the low-price field. It's value with a capital V. Here's what you get: Genuine Goodyear Supertwist Cord construction; a uniquelydesigned tread which ensures traction in all going; a standard guarantee.

Get our price on your size in this great tire right

A. S. HUNTER & Company DURHAM, ONT.



Your Vote and Influence is Solicited for

L. G. CAMPBELL

Liberal-Conservative Candidate, Grey, South-East



Fellow Electors of Bouth-East Grey Ladies and Gentlemen,-

develop our own country.

In a recent issue of this newspaper my opponent in this election replied to my letter to the electors of the week before. To those of you who have preserved the paper of July 3, or who have kept in your minds a fair recollection of the arguments advanced, I would like to direct attention to some of the more important inaccuracies or mis-

statements of fact. Without commenting on the very casual way in which she dis-

misses the Liberal candidate, reference is made to Conservative fault finding. I am bound to admit that the Conservative opposition, particulrly in the last few sessions of parliament, have offered much criticism of proposed legislation. On important questions such criticism has in a good many instance resulted in improved legislation. It has been constructive criticism and consistent, striving always to provide a remedy for the nation's ills. Of much greater value surely is such criticism than a chronic grumbling voiced by an irresponsible minority and devoid of any practical suggestion of helpfulness. Plenty of people there always are who can find fault. Too few are there who would lead us out of the wilderness.

My opponent agrees with the that there is no provision in our constitution for the third party, or as she says, "for the other two either". I am afraid she is hiding behind the British North America Act, rather than in that accumulation of rules, regulations and precedents which are the chart and compass of British parliamentary practice. I may be wrong, but my opinion, which is shared by more than nine-tenths of the people of Canada, is that the two party

system is the best and the only workable one. Reference is made to past history when we turned down reciprocity with the United States in 1911. Thank Heaven our people were not fooled by that issue. A glasce at the map of Canada, particularly on our Eastern and Western Fontiers, will suffice to show that the Republic to the South is quite capable of looking after its own interests. Our present depression is bad enough without contemplating how much more serious it might have been had we forgotten to

We are asked if interprovincial trade is to absorb the 514 millions of goods we sold to the United States. Most assuredly not. You are not informed that the large proportion of those exports to the United States consists of raw materials which are wanted and wanted badly by the people of the republic and which they will continue to import with very little tariff restriction until we determine to make of them finished products within our own borders. We are told, when my opponent is speaking of English trade, that we cannot expect Britain to continue to absorb our goods unless we buy more from her. It is a poor rule that won't work both ways. And so I wonder how the United States can expect us to continue to buy from her when in a single year we bought from her people over 300 million dollars worth of products more than we sold them. Our adverse balance of trade in that regard is greater than our favorable balance of trade with England which my opponent shows as being 250 millions. A truly remarkable thing that we can sell between three and four hundred million dollars worth of goods less in a market of over 100 million people than that people sells to us with our paltry nine millions of population. Yet she resents even the half way measure taken by the King Government to reduce that unfavorable balance of trade, and to give to our people a slight chance in the markets of Canada with a little protection from unfair foreign competition.

I must thank my opponent for quoting Hon. Mr. Guthrie and especially for giving us the date and page in Hansard. She quotes Mr. Guthrie as saying, "In many respects the United States market is the very best market in which to sell many of our farm products." You will please note that this quotation is only a part of a single sentence of Mr. Guthrie's address. Mr. Guthrie had been trying to convey the idea that on account of the United States being our nearest neighbor, it should under ordinary circumstances be our most expedient and our most convenient market. If you are interested, please ask my opponent to quote Mr. Guthrie's next sentence and, indeed, the whole paragraph. Possibly she may be too busy or may have lost her copy of Hansard, so I may be forgiven if I do a little quoting myself. These are Mr. Guthrie's following words, "But if the tariff of that country is raised so high," (and it has been raised higher since), "that we cannot enjoy that market, then we will have to shape ourselves accordingly by enabling our own farmers to enjoy our own market to the fullest extent, and, at the same time, to seek other markets throughout the world. In order to do this however, we shall have to have a fair application of the principle of protection in our customs

If my opponent was struggling in deep water when she quoted Mr. Guthrie, she is even more unfortunate when she declares that Hon. R. B. Bennett is opposed to the British preference. We are told that Mr. Bennett's speech in Parliament on May 6 and his addresses throughout the country show him antagonistic to British preference. Such a contention is so utterly untenable that it seems almost needless to take the time and space to contradict it. Since my opponent refers to Hansard, ask her to read or to publish Mr. Bennett's stand on the British preference question as it is reported on page 1923 of that publication. Ask her to let you have the whole of it, not a part of a single sentence, like she attempted to lift out of Mr. Guthrie's address, and you will, in very plain language, get the commitment of a great statesman, not only to the principle of British preference, but to the practical way in which it should be effected. On June 9th in Winnipeg, Mr. Bennett enunciated the planks of his policy. One of those planks commits his party to the support of the development of trade within the Empire by mutual concessions or preferences... It was Mr. Bennett himself who first suggested the economic Empire conference which will take place in September.

In conclusion my opponent tells us that the Independent members are now at home in their ridings telling the people the truth, and that they hope to be returned and to hold the balance of power. If these are samples of "the truth" that they are telling, and if the result of this election should leave the Liberals or the Conserva-tives without a working majority, dependent on the whims of a small radical minority, then all I can say—and I say it seriously—God help Canada.

> Yours sincerely, L. G. CAMPBELL

Adverti

ADVERTIS

nd Mc. If charge Byery advance i them to charge it the person phon Advertisements of until forbidden" rithous written in er until written or their discontin BANK IRWIN, E

Medical DRS. JAMIESO Office and reside

ance east of The Lambton Street, Lo Office hours, 2 to except Sundays) J. L. SMITH, M. Office and reside Countess and Lam

te old Post Offic o 11 a.m., 1.30 to **Sundays** excepted DR. A. Physician and Garafraxa Street,

University of Tor and corrected. C o.m., 7 to 9 p.m. C. G. & BESSI Chiro Graduates Can

College, Toronto. Block, Durham. Dental

DR. W. C. PICK Office over J. Durham.

J. F. GRANT, Honor graduate Toronto, Gradua Dental Surgeons try in all its bran Block, Mill Street, tacBeth's Drug

> Legal J. H. MacQ Barrister,

Lambton Street. LUCAS, HE Barristers, I. B. Lucas, K.C.

A member of Tuesday Make clerk in office. Durham - D Federal B

F. MacARTH

Notary Public, nsurance, etc.; usiness transa ments efficiently Your pat OFFICE: 1 doo

GEORG Licensed Auct Sales taken Dates arrang George E. Du

Phone 42 r 3.

Auction eer. guaranteed. Hanover R.

SPIRELLA After July be on sale reduced prices to have you MRS. Corsetiere

DURHAN The School

take up th (1) Junior 1 (2) Entrano Each memb ersity Gradi Intending inter at begin Information obtained from

The School the past w own, and a obtained JOHN J. A. B

St. Peter: why you shou Mere Man: nobile for tw to knock a l St. Peter: one is a b