#### **NEWS AND INFORMATION** FOR THE BUSY FARMER

(Furnished by the Ontario Department of Agriculture)

tion of increased planting. Essex and the district. Kent will both have more corn and more than average attention is being given the crop in Elgin, Norfolk and

The agricultural representative in Lambton county reports that fertilizers are coming into more general use there each year. Vegetable growers are using quantities of mixed fertilizers and farmers are using commercial materials on fall wheat, sugar beets and some corn fields. An especial increaso is noted in the use of unmixed nitrate, sotash and phosphate.

Clovers, which make up the most valgable part of our hay crops, require sweet soil. The Reactosoil, prepared by the O. A. C. a simple and accurate test, quickly tells whether or not the soi! requires sweetening. A kit containing enough materia! to test about 100 samples can be obtained directly from the college or from your county agricultura! representative.

of sugar beet growers in the southwest mature stock for breeding, free range, fertilizer to increase the yield and im- fowl: prove the quality of sugar beets, the O.A.C. Department of Chemistry is conducting a series of tests in co-operation with the agricultura! representatives, J. A. Garner and S. B. Strothers, and representative grower of Kent and Essex counties.

#### Weed Situation Serious

spectors, A. R. G. Smith of New Hamburg, District Weed Inspector of Westontario, declared: "We are slow to comprehend the serious situation that confronts us. It is necessary that we have the hearty co-operation of the cress and public opinion to assist in reducing the possibility of a greater gread of weeds, especially those desigare going to beat us if we do not awaken to the seriousness of the sitwation. For instance the perennia! sow tario." All inspectors are asked to have sense of the word.

#### Alsike and Clover

This year alsike and sweet clover are very moderate in price and both will produce an abundance of late pasture Penitentiary. or may cut as hay. The alsike can be mixed with timothy and it, like the sweet clover, can be sown any time during May or June. Alfalfa also will supa lot of feed if sown alone any time during these two months. Furthey will give a good crop the next Tuesday. June 10-Dairy Cattle Breed- turned from a trip through the West ing extended to voters afflicted with

#### Heavy Winter-Killing

sown in the province of Ontario last fall only 509,000 acres will be har- Saturday, June 14-Wallinkton County rested, according to an official estimate... The difference of 161,000 acres represents the amount winter-killed. The percentage is 24, as compared with 5 per cent in 1929 and 9 per cent the average for the ten years 1920-30. Ontario also lost 16 per cent of its hay and clover crop by winter-killing, as compared with 5 per cent last year

### Tobacco Acreage Grows

Approximately 15,000 acres of fluesured tobacco will be under cultivation az Norfolk County this year, according to an official computation by J. K. Perrett, departmental field man. This compares with 10,000 acres in 1929 and toria and Peterboro. 5.600 acres in 1928. The warm weather m early May brought the plants on rapidly and planting started the middle of the month, continuing during the past two weeks. The Imperial Tobacco Company is completing the erection of

Reports received from practically al! a new half-million dollar drying and corn-growing districts convey expecta- grading plant at Delhi, the centre of

#### Soy Bean; Tested

The Department of Field Husbandry of the O. A. C. is planning to have four plots of two acre extent for the demonstration of soy bean growing varieties to determine the most practical type. It is stated that a number of mills in Ontario are willing to purchase soy beans from the farmers for the purpose of extracting the oil from the product and for the manufacture of meal. Soy bean growing has not been very extensive during the past years owing to the inability of finding a market for the produce. With the purchase of beans for manufacture the production of this crop is expected to gain in popularity.

#### Turkeys Found Profitable

Turkey breeding is not the difficult undertaking that is generally supposed when the breeding stock and poults are properly handled. Essential; to suc-In an attempt to meet the demand cess in turkey breeding are: clean soil, counties for information on the kind and above all, the keeping of the turkey of dirt. firmly adhereing to the surface nd quality of a commercial flock away from other barnyard of the tubers. These are the resting

#### Trap the Borer

The suggestion has been advanced that a trap crop of corn consisting of about half a dozen rows of early sown as the ground is fit, will in most years In a recent conference of weed in . crop is sown only a few days later than the ideal date. The trap crop should be cut low about the end of the first week in August, when all borer eggs have been laid and should be removed and fed to live stock.

#### Chicken Stealing Unprofitable

chickens, and to punish them with a majority of cases. thistle is now in every county of On- penalty that the crime deserves. Honposition definable as "weed advisors" in to make a strong effort to check this ated in your province. place of "inspectors" in the ordinary branch of crime and the results speak for themselves. Imprisonment has been meted out to 92; fines to 24; suspended sentence, 12; dismissed, 10; withdrawn,

### June Meetings at O. A. C.

The month of June is well known as a busy one at the Ontario Agricultural College and this year, judging by the meetings already announced, it is going plays in the general scheme of farm the candidates to pay for the hall the thermore, any of the crops mentioned to be even busier than ever. The tentative list is as follows:

ers' Field Day.

Tuesday and Wednesday. June 10 and 11-Poultry Breeders' Meetings. Of the 670,000 acres of winter wheat Wednesday and Thursday, June 11 and 12-Yorkshire Breeders' Field Day.

> Jr. Farmers' Judging Competition. And then comes "Farmers' Week." with the following days allotted to

the various counties: Monday, June 16—Counties of Lambton, Wentworth, Lincoln, Welland, Norfolk, Kent, Essex, Elgin and Haldi-

mand. Tuesday, June 17-Halton, Waterloo, Dufferin, Perth, Huron, Grey and Brucc.

Wednesday, June 18-Peel, Simcoe, York, Ontario, Durham, Northumberland, Hastings and Eastern Counties. Thursday, June 19-Brant, Oxford, Wellington, Middlesex, Muskoka, Vic-

sixty miles an hour!" learnt to drive yesterday."

SOME OF CANADA'S DELEGATES GO TO COMMERCE CONGRESS

Above are eight members of the Empire Trade Committee of the Canadian Chamber of Commerce who

have sailed for Europe to attend the Congress of the Federation of Chambers of Commerce of the British

Empire in London. They are: Top, left to right: W. McL. Clarke, Secretary of the Canadian Chamber of

Commerce, Montreal; A. J. McPhail, President of the Saskatchewan Wheat Pool; J. H. Gundy, Toronto,

Chairman of the Committee; and A. H. Whitman, Halifax. Below, left to right are: J. A. Richardson,

Winnipeg; J. W. Ross, Chairman of the executive of the Canadian Chamber of Commerce; J. H. Sherrard Montreal, and Col. J. H. Woods, President of the Canadian Chamber of Commerce, Calgary.

#### SELECTION AND DISINFECTION OF SEED POTATOES

(Experimental Farma Note). The selection of seed potatoes should begin in the field the previous season, for virus diseases can only be detected on the foliage, and not on the tubers. Dominion Government certified seed is the best seed available, for it has been produced in fields practically free from virus diseases. Even if such seed is not used, much can be accomplished by carefully selecting the tubers in

Only good size tubers should be selected for planting. Tubers under three ounces should be discarded, as they were mostly likely produced by weak or Kent county this year and will use two diseased plants. Observations during six years have clearly shown that plants affected with virus diseases, such as mosaic and leaf-roll, produce mostly small unmarketable tubers. Therefore if the cull is used for seed, the percentage of virus diseases is greatly increased, and a low yielding strain is selected. Off shaped tubers should also be discarded, as they may harbour diseases, such as spindle-tuber. Plants affected with this virus disease usually produce much elongated tubers, hence the name "spindle-tuber".

All tubers showing any trace of disease and of frost or mechanical injury should be discarded. Frost and mechanical injury permit the entrance of micro-organisms that often cause the sets to rot. The diseases that occur on potato tubers are rhizoctonia, black leg, common scab and powdery scab. Rhizoctonia appears like specks bodies of the fungus. When this dis- the Company was selling bonds to the ease is present, the cleanest seed pos- public on representation that it expect. sible should be selected. It should then ed to control the entire flow of the St. be disinfected, as some of the small Lawrence at the point of development, specks are sure to escape unnoticed. This was "misrepresentation and fraud' Black leg usually causes a black rot Mr. Garland said, and he called for rapid growing corn, if put in as early of the tubers at the stem end. which cancellation of the Order in Council. rot progresses towards the center of the The Hon. R. B. Bennett asserted that lessen the amount of injury done the tuber. Such tubers should be discard- the whole situation should be subjected main crop by corn borers, if the main ed and the rest of the seed should be to a judicial enquiry. He felt the sitdisinfected to kill the germs of the uation was a menace to the industrial disease that may be adhering to the and economic life of Canada. The Hon. surface of the healthy tubers. So far, J. C. Elliott, and the Hon. Lucien Canmercuric chloride has proved to be the non replied for the Government. Mr. best disinfectant for seed potatoes.

diseases that attack and disfigure the Quebec, and the Dominion was contubers. These diseases are controlled cerned in the matter only to the extent mainly by good cultural practices, such of safeguarding the navigation rights This business of robbing hen roosts as crop rotation, suitable fertilizers, etc. on the St. Lawrence. The Hon. Lucien nated 'Noxious' and under the ban of is becoming more and more precarious. However, it will always be found ad- Cannon said that the province of the Ontario Weed Control Act. Weeds The Provincial Government through vantageous to select and plant clean Quebec had jurisdiction in the matter, the Provincial Police are making every seed. But seed disinfection cannot be and that Province had determined effort to apprehend those who steal the recommended for these diseases in the rightly or wrongly, that private owner-

orable John S. Martin, Minister of Dominion Botanist, Central Experi- Geary thought that Parliament, not the s thorough inspection made at once. Agriculture recntlye reported that Gen- mental farm, Ottawa, or to the Domin-They are also urged to make their era! Williams has instructed his men ion Laboratory of Plant Pathology situ-

#### FIND POULTRY PAYS

The importance of live stock in the 3. The penalty in one case for theft establishment of a sound agriculture of chickens was two years in Kingston has long been recognized, and many farm families in Western Canada are beginning to realize the lesson already learned in the East, that live stock is! too important a farm adjunct to be be July 28th. Certain changes have overlooked. They are also beginning to been made in the Election Act. It will realize the important part poultry be possible this year for the Agents of revenues. F. C. Elford, Dominion night of the meeting, which will be a Poultry Husbandman, who has just re- great convenience. Privileges are bereports that many farmers are increas- blindness. They may take their relaing their poultry flocks this year, and tives or friends with them to the pollthat the demand for certified hatchery ing booth to mark their ballots. It chicks has assumed unequalled propor- the past this has been done by the tions. Following the drought of last deputy returning officer in the presence year and the almost complete crop fail- of scrutineers. ure in many sections, hundreds of farm | The Pensions Bill has passed through families frankly admit that had it not been for the cash coming in from eggs and poultry they would not have been able to pull through.

## "QUACK'S" CURE-ALL FAILS

The "quack" finds a new geld of operation in connection with the control of stem rust in wheat. Many preparations are now advertised for the disinfection of the soil and for the treatment of seed to prevent rust. The Rust Research experts of the Dominion Department of Agriculture find that the organism which produces rust does not develop in the soil, therefore disinfecganism. They also point out that rustvelop into rusted wheat plants; and for She: "Oh, isn't that splendid! I only this reason seed treatments are useless as a means of control of rust.

# Miss Macphail's Letter

Robert Gardiner, the House Leader of the U. F. A. group stirred up a hornet's nest when he asked for the adjournment of the House, May 22, to discuss "A definite matter of urgent public importance", in connection with Hydro Electric development of the of poultry and started feeding the Soulanges section of the St. Lawrenco wheat to them and marketing it in the River by the Beauharnois Power Cor- form of eggs through the local egg poration, and its various subsidiary pool. When the winter was over he figcompanies. The Government, Mr. ured up his costs and found that he Gardiner asserted, had by Order in had sold the wheat thus fed at an av-Council, approved the development over erage price of \$5 per bushel. Another the head of the joint Board of Engin- western farmer with a modest flock of eers, which investigated the St. Law- 150 birds kept his family throughout rence project. He asserted also that the winter on the income from the the Beauharnois Power Company had eggs. an he states that his gross income violated and exceeded condition; im- for the winter from the flock averaged posed on them by the terms of the \$200 per month. Order in Council. R. O. Sweezey has been the moving spirit in the enterprise, and while under the agreement with the Government, they were allowed to divert only forty thousand cubic feet per second. Their advertising intimates that they will control the full flow of the river. He declared in summing up the situation that R. C. Sweezey and his associates had received in cash and securities one hundred and four million eight hundred sixty thousand dollars, and all assets of the concern, although there lar of their own money.

Elliott said the Company was incorpor-Common scab and powdery scab are ated under a charter of the Province of ship was the best medium for the For further information, apply to the development of water power. Colonel Cabinet, should have said whether or not the approval should be granted. J. S. Woodsworth pointed out that if a youth commits theft of even a small article or sum of money, he gets a jail sentence, while these gigantic steals are allowed to go unpunished. Many of the

> company are in the Capital City today including R. C. Sweezey. The election in all probability will

> directors and parties interested in this

all its stages. The bill revises the machinery for dealing with appeals of soldiers from the Pension Board. It provides a Veterans Bureau to prepare the cases for soldiers, and it aims to deal with all those cases which experience has shown were not dealt with, or were unsatisfactorily dealt with in the Act as it now exists. It was stated in the House that there was nothing partisan in the bill, or in the methods by which the Committee worked. Mr. William Irvine remarked that he hoped the same splendid cooperation would be extended to all legislation. The Act comes into operation October 1st 1930. tion of the soil cannot destroy the or- Major Power, the Chairman, declared that the reason for this was the desire Policeman: "Miss. you were doing ed wheat kernels when sown do not de- of the Committee to have the appointments to the new Boards made by the Government, that would assume office after the General Election.

When the items of the Budget were being discussed some rather sweeping changes were made. On early vegetables and fruits a change was made from an all year around ad valorem duty to a seasonal tariff, extending over different periods for different products. Mr. J. S. Woodsworth made a spirited attempt to have the hours of labour of the men in the steel mills of Cape Breton reduced below twelve hours. He pointed out that under the new tariff schedule the industry is enjoying a stiff increase in protection by tariff, and some of that benefit should be passed on to the men.

This has been a rather festive week. I was the guest of Mr. and Mrs. Frederick Philip Grove at their summer cottage on the Ottawa River. Mr. Grove has written several books, possibly the best known "The Search for America". He is devoted to the prairies, and his writings have helped many people who appreciate them more. The Acting Speaker of the Senate, the Hon. A. C. Hardy, entertained at luncheon a well assorted group of senators, commoners, house officials and pressmen. The Hon. Cairine Wilson and I had the honor of sitting on either side of him. and of voicing the group's appreciation of his hospitality. In this case the women had not only the last, but the only word. A group of Parliamentarians play volley ball. It insures greater mental activity, helps retain "that boyish figure". The losing team entertained the winners and their friends to dinner this week.

Agnes C. Macphail.

Some Party "Did you take me home from the party last night?" "Gosh, I don't know, was I there?"

With the present uncertainty which prevails in the wheat market the Do-Ottawa, May 23, 1930. minion Department of Agriculture finds that farmers are paying more attention to the marketing of grain crops through live stock. Some importan and interesting results have come light, and not the least interesting is the experience of an Alberta Farmer who had a light crop which he could the not sell at the elevator. He had a flock

#### COLOR INDICATES REAL GRADE

The maple sugar industry is one of the oldest known to this continent. It was brought to the early settler by the native Indian and today is of outstanding commercial interest. The Dominion Department of Agricuture finds that quality in maple sugar and syrup is clearly indicated by color. The grading rule is the lighter the product the better its quality. Grade 1 is very light was no evidence that they spent a dol- in color, corresponding closely to clover honey in appearance. Grades E. J. Garland of Bow River asserted 2 and 3 are perceptibly darker, while Grade 4 corresponds quite closely to the color of buckwheat honey. Quality counts in maple products as in everything else.

#### NEW USE FOR WHEAT

Of course, Uncle Sam's prison riots would be worse if all the putside criminals were in jail.—Brandon Sun. We will admit this-if a man is the champion gum chewer of the United States he is the champion gum chewer of the world.-Meaford Mirror. If you judged some women's characters by their clothes, you'd do it on insufficient evidence.—Brandon Sun.

> Under the auspices of The United Farm Young People

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