



Information Practical and Profitable—Write for it.

Don't Expect the Ontario Agricultural College

to run your farm better than you can yourself. The sane, practical, progressive Canadian Farmer is already among the most efficient on earth. By means of machinery, skilful management, hard work and common sense he is now producing more foodstuffs per man, than any other farmer in the world.

AND YET—no one welcomes sound and practical information more than does the Ontario Farmer. Conditions change constantly; bugs, blights and diseases confront an ever present menace; the question of soil fertility and fertilizers attains a new significance; scientific feeding and breeding arouse a wider interest; production must go on though the labor situation was never so acute.

THOUGH HE HAS the intelligence to solve these problems, he lacks the time—he is too busy producing food. Hence the demand for practical and timely information that he can apply profitably in his business.

The College Fills the Bill

It will supply him with the latest practical information absolutely free of cost. It will help him identify his problems and suggest to him the best means to cope with them. YOU ARE PARTICULARLY INVITED, IN THIS CRITICAL YEAR, TO JOIN THE WORK OF THE COLLEGE INVESTIGATORS INTO DOLLARS ON YOUR OWN FARM.

Write for Information Now

to any of these whose names are listed hereafter along the lines suggested. Write directly to each Professor concerned and unless otherwise directed, address him at the Ontario Agricultural College, Guelph.

Live Stock, Poultry, Bees

ABOUT LIVE STOCK. For information regarding any problem connected with the breeding, feeding, management and stabling of horses, cattle, sheep and swine, write PROFESSOR G. E. DAY.

PRACTICAL DAIRY INFORMATION. Questions regarding the production of milk, feeding of cows, dairy stabling and equipment, cheese and butter making (factory and home), milk by-products, testing milk, marketing milk and its products, the city milk trade and the milk condensary business will be answered by PROFESSOR J. H. DRAN.

VETERINARY ADVICE. For information concerning the symptoms, cause and remedy of any disease affecting live stock, and the best treatment for a sick or injured animal on the farm, write PROFESSOR J. H. REED, V. S., 175 WOODVILLE.

MAKE YOUR POULTRY PAY. For the latest information concerning the hatching, rearing and fattening of chickens, egg production, house construction, feeds and feeding of poultry, general poultry hygiene, etc., write PROFESSOR W. E. GRAHAM.

MONEY FROM HONEY. Any question relating to the apidary—spring, summer, fall and winter management, honey production, swarm control, re-queening, foul brood control and other diseases, exacting of honey, marketing, apidary equipment and supplies of any other—will be answered by MORLEY PETTIT, PROVINCIAL APICARIST.

Field Crops, Fruit, Farm Accounts

THE FIELD HUSBANDRY DEPARTMENT conducts thousands of practical experiments in the fields at the College and carries on great numbers of co-operative experiments with growers on farms in every part of Ontario. It is particularly well qualified to answer any question in regard to seed crops relative to varieties, selection of seed, dates of seeding, quantities of seed per acre, preparation of the seed bed, depth of planting, value of growing grain mixtures, methods of cultivation, use of fertilizers and farmyard manures, rotation of crops, change of seed, methods of harvesting and storing—all questions in fact relating to cereals, legumes, fodder, crops, potatoes

and roots. Special information is available now regarding the growing of Fall Wheat. Write DR. C. A. ZAVITZ.

ORCHARD AND GARDEN. The Horticultural Department gives information along with the distinct lines: For fruit information write PROFESSOR J. W. CROW; for vegetable, A. H. MACLENNAN, B.S.A.; for landscape gardening, A. H. TOMLINSON; for flowers, W. HUNT.

FARM MANAGEMENT AND FARM ACCOUNTS. For information regarding any phase of these subjects write A. LEITCH.

Weeds, Fungus, Insects, Bacteria

DEPARTMENT OF BOTANY. How weeds lower your profits? Then send a sample of the worst ones to this Department. They will identify them and information regarding their eradication will be sent you. Or are you doubtful as to the purity of the seed you sow? Send in a sample. Or are you also the control by spraying of field mistle, Apple Scab, Peach Leaf Curl, Brown Rot and all other fungus diseases. Full information regarding the spraying of potatoes to prevent blight and rot and the treatment of seed grain to control smut will be given. In fact, any questions relating to weeds, weed seeds, eradication of weeds and the control of fungus diseases affecting any kind of crop will be answered promptly by PROFESSOR J. E. HOWITT.

KILL THE INSECT PESTS. For complete information regarding insects—cutworms, grasshoppers, wireworms, scale insects, plant lice, codling moths, and the like—and how to combat them, write DR. L. J. S. BETHUNE. For complete information regarding practical spraying, spraying mixtures, and spray outfits; winter injury to fruit trees and its prevention; and protection to trees from mice and rabbits, write LAWSON CASBARI, B.S., PROVINCIAL ENTOMOLOGIST.

THEN THERE ARE THE BACTERIA. For information regarding the symptoms, cause and cure of infectious or contagious animal diseases, as Tuberculosis, Infectious Abortion, Anthrax, poultry diseases, etc.; Rot of Vegetables, Black Leg of Potatoes, Fireblight of Pears and Apples, etc., write PROFESSOR D. H. JONES.

Professor Jones also tests samples of milk which are not normal—ropy, slimy, gassy, bloated, flavored, etc.—tests sewage and well water, and gives information regarding the causes and remedy of such conditions. Applications for legume nitrocutures are made to Professor Jones, preferable just previous to time of sowing.

Feeds, Fertilizers, Farm Machinery

DEPARTMENT OF CHEMISTRY prepared to assist farmers with their soil problems. Samples of soil forwarded to the Department will be analyzed and the requirements for legume nitrocutures are made to Professor Jones, preferable just previous to time of sowing.

When writing please mention this advertisement and give as complete information as possible. It will ensure a prompt and satisfactory reply. For fuller details write the Chief of the Commissioner of Agriculture, Parliament Buildings, Toronto.

The Ontario Department of Agriculture

PARLIAMENT BUILDINGS, TORONTO
SIR WM. H. HEARST,
Minister of Agriculture.

G. C. CREELMAN,
Commissioner of Agriculture.

regarding fertilizers may be secured now by any Ontario farmer. Animal feeds sent in for inspection and analysis will be examined for nutrients and the sender advised of their composition. Well water is examined for impurities free of charge. Fowl problems and Bredmaking have been long studied and the housewife may secure valuable information by writing for it. The relative value of different human foods will be explained. Write PROFESSOR R. HARCOURT.

THE DEPARTMENT OF PHYSICS

specializes along three different lines: For information concerning the heating of farm buildings, electrical machinery and equipment, windmills, gasoline engines, telephones, lightning rods, lighting of dwellings and stables, write PROFESSOR W. H. DAY. Latest information regarding sewage disposal, farm water supply, pumps and hydraulic farms, cold storage and ventilation of farm buildings may be secured from R. R. GRAHAM, B.S.A.

If you wish a survey made of your farm for drainage purposes or full information regarding any drainage problem, write J. H. SPIRY, B.S.A.

FARM MECHANICS. For information regarding the planning and equipping of a farm workshop, care of tools, building or making of traps, ladders, saws, traps, nets, traps, feed-hoppers, fly-catchers, bait buckets, knots, hitches, appliances, etc., write PROFESSOR JOHN EVANS.

Co-operation, Recreation, Study

THERE IS STRENGTH IN UNION. Therefore secure information regarding the various phases of co-operation—the difficulties and how to overcome them, the methods of organization and management, where and when to co-operate, how to incorporate a society and the best way to raise funds—by writing H. H. LEIDENBERG, B.S.A.

BE YOUNG—LEARN TO PLAY. Latest information regarding play and recreation for young and old alike—the play equipment of rural schools, public speaking and debating, dramatics, recreation associations, community gathering, athletic and athletic meets for the county, etc.—may be secured from ALEXANDER MACLENNAN, B.S.A.

DO YOU SPEAK IN PUBLIC? If so you will wish special information regarding the topic you have been asked to speak or to debate upon.

You can secure it by writing MARY ELIE WATSON, and you may also obtain from the Macdonald Institute Loan Collection. Over 30,000 clippings and articles are at your disposal, comprehending nearly every conceivable subject used in popular speaking.

Most Important of All

DON'T TRUST TO MEMORY. Preserve this page—file it in a convenient place, or tack it to the granary or woodshed door. Then use it as a calendar for yearly advice. Just when you want information the most you will know exactly whom to write to for it. It will save time and may mean many dollars to you.



ONTARIO