Ontario Agricultural College Reports on Autumn Sown Crops

By W. J. Squirrell, Professor of Field a firm mellow seed bed, which can only

Extremely dry weather during the several weeks before seeding. latter part of August and the month of about average for the province. Grow. yields and the best quality of crop. ing conditions since early spring have Winter Wheat Dates of Seeding. been excellent and winter crops were The largest yield and the best quality of winter wheat.

Yield and quality of autumn sown crops in the experiments at the College were exceptionally good in the crop harvested in 1930. Yelds per

Winter Wheat-Varieties. A total of more than 300 varieties, hybrids, and plant selected strains have been under tests at the Ontario Agricul-(O.A.C. (1) and the O.A/C No. 104 Chaff (O.A.C. 61) produced a yield per average of the thirteen year period. acre of 65.4 bushels per annum and the O.A.C. No. 104 of 63.0 pushels of grain per acre per annum. The highest yielding variety of red grained winter wheat in the experiments, which variety produced on an average for the eleven year period 5.8 bushels less per acro than the O.A.C. No. 104 variety. The Dawson's Golden Chaff and O.A.C. No. 101 varieties of winter wheat are grown on more than 80 per cent, of the winter wheat land of the

Winter Wheat-Rotation - In rotation experiments conducted at the Onon a summer fallow. Only fair results 10.02 bushels of grain per acre. were obtained when winter wheat was sown following buckwheat or timothy

BOOKS

Munthe (E. P. Dutton & Co.), \$3.75.

This butertaining autobiography of a

successful doctor, continues to head most of the non-fiction best-seller lists.

It is described by critics as "the most

Paypram Porran by C. W. Grundy

Politics vs. Romance

The Action contres ground one Ahmed

Paronei, a young boy peddler, who by

a sprake of good luck becomes a ser-

vant in an English household, which

leads him into the path of knowledge.

His dist love affair (simply and real-

istically rold) follows swiftly with a

young drask-Egyptian girl . His es-

to Oxford, where he meets and mar-

ries an English girl and the final chap-

Mystery and Romance

tories. By Robert Henry Todd.

This is a book of intensely interest-

ing short stories on various themes,

but dealing chiefly with that section

of society that is known as the under-

world. The author has endeavoyed to

thicet the elements of thrill and sus

the plots of the stories are unusual

and fresh, and those interested in de-

hioyable reading in this book.

As well as mystery and detective

tories, the book contains stories of

The following books are reported as

being most in demand during the last

CIMARRON, by Edna Ferber. (Dou-

lellay. Doran). Pioneer women and

Van Dine. (Scribners). Philo

CHANCES, by A Hamilton Cibbs

THE SCARAB MURDER CASE, by S.

ance unravels another mystery.

7) . The Six Best Sellers

omance and humor.

nom days in Oklahoma.

life of a re er do well,

vive and mystery stories will find

(Brampton, Ont., Charters, Pub. Co.)

1 cape from the lure of Cairo night life

English wife and love of country.

well-told story of modern Egypt.

(I M Bent & Son, Ltd.), Toronto.

fascinating book of the year."

the World of Eletion

made on new

be obtained when preparation starts Winter Wheat-Selection of Seed,-

September was responsible for con- The results of many carefully considerable decrease in the area of win- ducted tests at the Ontario Agriculter wheat sown in Ontario in 1929, tural College definitely show that Winter killing, although severe in large, plump, sound seed is the only some districts, seems to have been selection which produces maximum

harvested under exceptionally good of winter wheat resulted when winter conditions. Very slight damage was wheat was sown not earlier than Augcaused this year by either Hessian ust 25th and not later than September Fly or rust. More damage than usual, 10th. When winter wheat was sown however; was occasioned by the pre- as late as September 30th the final sence of barren spikelets in the heads yield of the crop was reduced almost one-half.

Winter Wheat-Rates of Speding .-In the average results of an experiment conducted for a period of nine years it was found that there was very litacre in the variety tests of winter the difference in the yield per acre. wheat were greater than for several from sowing one and three-quarters and two bushels of seed per acre. These two quantities here mentioned produced a greater yield per acre than any other rate of seeding.

Winter Rye.-Five varieties of win tural College for a period of five years of the Dawson's Golden Chaff of the last thirteen years. The highter rye have been under test at the of the last thirteen years. The highstill continue to be the two leading duced by the New Invincible and the varieties of winter wheat under test Roson varieties. The New Invincible at Guelph. In the average of the last surpassed the common variety in yield of grain per acre by 7.4 bushels for the

Winter Barley.-Two varieties winter barley have been under test at the College in each of the last twentythree years, the Tennessee winter barwas the Imperial Amber (O.A.C. 92), ley producing an average yield for the produced an average yiel of 57.2 bush. period of 44.3 bushels of grain per els per acre. It will be noted that this acre. Winter barley is much more subject to injury through winter killing than either winter wheat or winter

Winter Emmer.—Black Winter Emmer produced an average yield for the last twenty-two year period of 25.18 bushels of grain per acre. In a number of seasons this crop almost completely winter killed.

Winter or Hairy Vetches .-- Winter tario Assicultural College, the best re- were responsible for very low yields killing and hot summer conditions sults were obtained when winter of this crop in 1930. In the average when followed dover sod, alfalfa, of twenty-six years steets. Hairy tions than does the gross, though each '000, Included in this division also are

Farmers who wish to obtain selected seed for co-operative experiments with-Winter Wheat oil Proparation. and other autumn sown crops may ob-Winter wheat land should be plowed tain this material, free of charge, by immediately after the previous crop writing the Department of Feld Hushas been removed. This crop requires bandry, Ontario Agricultural College.

LOUPE, by Zane Grey. (Hauper). A Western feud inferieres with the course of true love.

THE STRANGE DEATH OF PRES-IDENT HARDING, by Gaston B. Means and May Dixon Thacker. (Guild 936,185,000 in 1928 and \$3,640,356,000 Publishing Company)

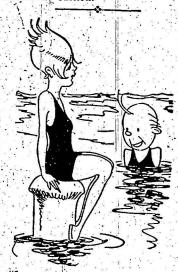
Lurid "refelation 1928" in 1928 Introducing a new weekly column, wherein will be discussed books of the

BYRON, by Andre Maurois. (Apemetal survey made of pleton). The personal romance of the figurehead of Romanticism. The Pulitizer Prize Novel Laugh-THE GRANDEUR AND MISERY ing Boy," by Oliver La Fargo (Hough-OF VICTORY, by Jacques Clemenceau ton, Millin (company) \$2.50, heads the (Harcourt, Brace). Last words of the list this week. From the moment Tiger on the peace and the war.

"Laughing comes riding over the THE GREEN PASTURES, by Marc desert to assend the ceremonial dance Connelly. (Farrar & Rinehart). A at The Lani, the attention of the read. Negro miracle play, founded on Roark er is caught. The White Man's in Bradfordis "Ol Man Adam and His fluence over the Indian race is subtly Chillun."

portrayed through the meeting of THE ADAMS FAMILY, by James Laughing Boy and Slim Girl. Well ! Truslow Adams (Little, Brown). . A study of character, heredity and politi-For the non-fiction reader, nothing more delightful can be offered than "The Story of San Michele," by Axel

THE STORY OF PHILOSOPHY, by Wilf Durant | (Simon & Schuster. In the dollar edition.



ters of the book are told in an adroit and sympathetic manner of his strugslo between the love he bears for his marrying the chump; he is a man of no forethought." The Solver of Mysteries and Other

"Well, I don't like these fellows who stop to ask if they may kiss you."

Live and Let Live They were bowling merrily through

the little country hamlets in their two seater car. His wife suddenly came over all poetical.

Inject the elements of them and in this he "Darling," sne murmure, properties into his writings, and in this he in large portions of the fresh air, "one marked degree in large portions of the fresh air, "one "Darling," she murmured, breathing feels as we sail through the country that life is really worth living, after

> "Yes," he replied, without taking his eyes off the road; "and the way the pedestrians are dodging out of our way they must feel the same."-Answers.

Wrong Station Father was tuning in the wireless set when suddenly he gave a howl of

"What ever's happened?" asked his "I believe I'm getting lumbago," he

His wife smiled contemptuously. "What ever's the use of that?" she replied. "You'll never be able to up ROGUE HERRIES, by Hugh Wal derstand what they are saying." -And Hole. (Doubleday, Doran). The futile wers.

(Little, Brown). Brotherly affection I would rather have the affectionate AFFECTIONATE REGARD withstands the strain of a rivalry in regard of my fellow-men than I would have heaps and mines of gold. THE SHLITTERD OF GUADA- Charles Dickens.



GOVERNOR-GENERAL VISITS FIRST CANADIAN HEALTH UNIT
This picture was taken when Their Excellencies Lord and Lady Willingdon visited the County Health Unit. Beauceville, Quebec. This Health Unit was the first to be formed in Canada and has been operating on full time for a number of years with great benefit to the surrounding communities. A motion was made in the House, of Commons during the last session asking the Canadian Government to consider subsidizing these small fulltime medical health departments in rural communities from coast to coast.

construction, with a gross of \$592,996,-

Puzzles Outsiders

Chinese civil war is waged accord-

On the other hand, Chinese politi-

An Apology

day,

Canadian Industry Shows Increase

vancing in productiveness. In this with a gross value of \$1,905,311,000 statement the word industry is used in and a net value of \$1,501,271,000 Forts widest acceptance and includes in estry comes second, with a gross prots scope not only manufactures, but duction of \$473,559,000 and a net proagriculture and other productive duction of \$323,654,000. The other primoperations. Measurement of the pro- ary industries are fisheries, with a ress of industry in this sense is one gross of \$70,468,000 and a net of \$55; of the difficult problems of the practi-cal side of statistics. several methods are known which re sufficiently mining, with a gross of \$308,250,000 accurate for most purposes One of and a net of \$274,989,000; and electric these is the measurement of the gross power, with a gross of \$143,692,000 and net annual production of the coun- and a net of \$112,326,000. Of the secry. Of these two, the net production oudary group of industries, the largest the more accurate indication of con- is manufactures, with a gross value of ditions, as it contains fewer duplica. \$3.769,487,000 and a net of \$1,819,043,-

The net value of Canadian production and a net of \$387,166,000, and custion was greater in 1928 than in any tom and repair, with a gross of \$129, other year-on record. It was 6.5 per 085,000 and a net of \$82,482,000. cent. greater than in 1927, and about 14 per cent. greater, than in 1920, which year held third place in the 10. Chinese Civil War year period. Compared with the year mmediately following the record of prices in 1920; the increase in the net alue of Canadian production up to 1928 was 53 per cent, while in the ame seven years the increase in gross roduction was 44 per cent. The net value of commodities produced in Canada during 1928 was \$4,190,509,-,000. This amount compares with \$3,-

These estimates just quoted do not. however, measure the full production of wealth within the Dominion in the years mentioned. They represent the wealth produced by those engaged in agriculture, forestry, fisheries, trapping, mining, manufacturing, construc-

tion, etc. These constitute approximately 65 per cent. of the productively employed persons in the Dominion The remaining 35 per cent. of those employed must also be considered to be producers in the larger sense of the word, being engaged in such activities as transportation, trade administration, the professions, and domestic and personal service.

Total Productive Activity Since the values given in the preceding paragraph were produced by time affiliations between opposing of trends of internationalism." only 5 per cent., or thirteen-twentieths ficers well knowing that personal ties of the employed population, seven-thir- mean more to Chinese than the most world hook ups and at a conference of whipped cream. Delicious. You may teenths may be added to the above flamboyantly alvertised "cause." They the Williamstown Institute of Politics, substitute cornstarch for flour in pretotals to obtain a rough estimate of keep informed on the popularity of Colonel Lindbergh gave his message the value in dollars of the total pro- Generals, armies and "causes," as re- advocating international conference ductive activity of all the employed flected in tea-house gossip, and note and negotiations to "clear the air" for people of Canada, according to the the effect of this upon the morale of flying between nations. From experieconomist's definition of "production," the soldiery. The conclusions which ence he spoke of the lack of uniformof national income. According to this are reflected in the tone of the native Central and South America; the posroader interpretation, production in press, despite the most rigorous cenfor 1926.

ed in the China coast ports. The net production of Canadian industries in the usual acceptance of the term during 1928 has already been given as \$4,190,509,000. The gross Beautiful Snow, some months ago production of these industries in the I cursed thee deep and cursed thee advance what forms and reports it is er. gross and net figures are included nine Beautiful Snow, wert thou here togroups of industries. These industries

ary, primary being composed of pro- Lindbergh Urges close to the raw material; while the Universal Air Code secondary include what is usually described as manufacturing. In the prim-Canadian industry is steadily ad- ary group, agriculture comes first,

> ternational flying!" needed for development of air travel and commerce in the shrinking dis

ional flyers by all nations is welcomed by an overwhelming chorus of ress approval: "Land boundaries mean nothing to

bird," says the Hartford Times; they should mean nothing to the bird-

ing to its own peculiar rules, and is bewildering to any outsider who attempts to follow it. For nearly twenty years past those who have had to convnich continues:

tedious interchange of veiled chal-"Unless some radical scientific dislenges to the final debacle. They covery revolutionizes our present aircheck up carefully the numbers, equip | craft, he says, they can not compete ment, supplies financial resources and with ships and railroads in the movestrategic advantages of the opposing ment of most articles of commerce. forces, weigh these ponderables The airplane seems destined to suppleagainst one another, and work out the ment rather than replace ground study the imponderables with minute lines, both transoceanic and transconerals on both sides who have grudges Colonel envisions for the near future, against their superiors and might de- will bring every phase of modern sert to the enemy. They catalogue civilization into closer contact, and

routes to form a "network covering and heat in top of double boiler." the entire world." He added:

vate flyer who requires the most as-

Merry Crew of Shamrock V.

Crew of Sir Thomas Lipton's Shamrock V, as seen from coast guard outter, as vacuat passed Race Roof, off New London Contr. upon recent arrival

Says Present Aircraft Cannot Compete with Ships and Railways

"Impossible to devote too much at ention to overcoming obstacles to in-

So speaks Lindbergh, "aviation coun jet to the world," of what is most

ances around our globe. His plea for securing a uniform tandard of regulations for interna-

"There is to a large degree the ame natural freedom to flying that there is to radio. Both are borne on the wings of the air. Each is man's successful attempt to release himself of the limitations of time and place. place in this achievement of flying." Concerning the airplane's place in transportation and communication, Colonel Lindbergh | "does not suffer on the spot. They have painstakingly serves the Philadelphia Public Ledger, vances are strictly forbidden.

probable result according to Occident- transport, and its special field is in the leave in ice box till just before din- and rapid movement of passengers and ner, when I fill a ple shell which I documents from place to place. But have previously baked, then bover If you ctans in their night-long pow-wows up-on the same theme, ignore everything important to human relationships, and Boll half cup strawberrie that interests the alien strategist and the prospect of great networks of air- half cup sugar and two cups boiling attention, They go over all the Gen- tinental, linking all nations, which the sugar, pinch of salt and cold water to

"At the present time it is the pri sistance in international flying. He necessary for him to make, and in many instances it is almost impossible

Foreign Legion No Louiser Refuge Wanted Men

Sidi Bel Abbes. + The French For | a rec eign Legion, famed battellon of homeing o less men who sign up for seven years of hard living in the sandy edges of the Sahara, is no longer the safe their asylum to-day for men just a step in the shead of the police.

thead of the police.

In principle, the Foreign Legion is They still inviolate, but in actual fact, the true French police have access to the enfamed Surete Generale' admit that mill. they search among the Legionnaires is tall when certain criminals are hunted, distin but that it is done prudently and avail-

Officers of the Legion have been making a special effort to clear that the battalion of the name of being comnosed of mystery men; most of whom land joined up to bury a criminal past. The foreign Legion, they contend, is made up of unhappy men, worsted in a love duel, refug and dare devil /youths who join up to | ident satisfy their "crawing for excitement, mity, but no more criminals than any other Span corresponding body of men. There was a time when a policeman who

did not dare step past the gates of the financia Legion recruiting barracks here at just 2 0 Sidi-Bel-Abbes. Uniformed police still The stay away, but detectives use all the young trategy of their kind to find their trace nen among the rercults. Recently a detective was enrolled as had sink

vance the conditions he will encounter, both in regard to air routes and also to the regulations and restrictions laid down by the various countries he expects to fly through."

British Royalty "Pays Its Way"

Full Rates for Train Fares and is not ful Shows Are Part of King

George's Policy London. - Announcement that the choker royal train which took the King and told ra Queen from Sandringham, to Balmoral the Castle, Scotland, recently, costs the in it quivalent of \$3.33 per mile with first thick class fare in addition for every mem- those ber of the royal party serves to put an end to the erroneous notion that the King travels free on railways, goes two to the theatre free, and so for

The King's expenses in this respect are paid out of the privy purse and only neither the King nor any other member of the royal family follows a! V. course different from any one else. it. With regard to theatre-going, a box is secured through a firm of agents, With Lindbergh is right in stressing, the half a century, and is paid for in the ordinary way.

Although there is not a theatre management in London that would not hasten to place a box gratis at the disposal of the party, from loval as liant fess themselves most confused have from the delusions that beset so many been the Occ dental military experts dreamers and air enthusiasts," ob-

Economy Corner

Strawberry Pie

Peaches, berries or pineapple be substituted. I fix the fruit in the be more morning and sprinkle with sugar and

Boil half cup strawberries with choose water, strain and add one tablespoon make a paste. Cook over hot fire for minute or two, stirring constantly; re- a fine move from fire and beat hard; return the family relations and early school- may have much to do with future to slow fire and cook very gently until thick. Pour white hot over Both over one of the largest radio strawberries in shell and cover with

Mocha Spanish CreamS One and one-half cups hot strong coffee, one tablespoon cocoa, half cup which approximates to the conception they reach through these observations ity in regulations for flying to Mexico, cup sugar, three eggs, half teaspoon vanilla, one tablespoon gelatine soaksibilities of regulated faster passenger ed in two tablespoons cold water. 1928 would represent created values sorship, and so a long way toward and express service. He predicted de- Dissolve the soaked gelatine in hot of \$6,446,000,000, compared with \$6, shaping the views expressed in the velopment of linked-up transoceanic coffee. Add milk, sugar, cocoa, salt,

> Opinions "It's a great deal more of an accomplishment to laugh in a cabin than to has not an organization to find out in laugh in a mansion,"-James J. Walk-3010

Small wooden churches are being provided for the use of week-end holi-

are divided into primary and second. Ah, many the peautiful word I'd say! national trip by air to learn in ad-

Nec laces Popular

wed the identification.

cor the asylum is.

see of some description is coman's outlit to-day. She a large selection to chopse trinkephox may offer her very color nearly, and somevery occasion, or she may one string; but few women

For weeks he followed his

le friends, got his prey talk-

a bottle and finally made his

are not compelled to give

es and homes when enrolling,

ion. They can give a num-

tke up any name they want

not even have to state their

anality and need show no

going through the recruiting

are finger printed and note

f unusual tattooing or other

to police and they furnish

cresting leads, but they are

only to French police and

otherwise guards its re-

n the pryin, eyes of Scof-

hish Legion is hardly a safe

ere men can drop their real

d take on a cloak of anony-

immediate finding in the

egion of Laureano De Vil-

ch Venezuelan' bank official

peared from Paris leaving

chaos 'in his wake. Shows

ed day, police sought, the

pezuelan, they had already

to the Spanish Legion. A.

a detective sent to Morocco

signs. These records are

y-close-to-the-neck choker bular as it was. The neckalls ever so slightly below the throat is more become average person. The per was, if the truth be difficuly to wear, Only wänlike neck looked well n round a short or very Hever failed to show up

orter necklace the length determined according to the neck of the wearer k of the wearer's frock. a frock or jumper with ace that dips down to that fairly low neck, the beads vening frock or an afterwith a low, square neck a wisted thto several rows eads tight to the throat to well for evening wear.

which boast a lot of brilat suitable for day wear,

The natural colbred at night. Colored pearls, of the deeper hues, look daytime. .

time let your necklace. on your outfit is a blackone, for nothing but a sple beads will suit this. g necklace that will look during the day or night gold or silver beads. when your necklace is a packet of the special and. This may be obtained alors and carries with it

reedle that is equal to the ie finest hole.

ired Eyes

make the rest of the 11, while the sensation of cep tired eyes open or them to go on working is to say the least of it. them open! Shut them, affew minutes. 'Shut them your work. A few minbetter than none. And Mitually grow tired should n s few minutes rest periodiuraig the day.

great strengthener of the foly more than a pinch to f cater is a good proportion. salt water is particularly. he eyes are inclined to be and water should be avoidim purposes. otion is, of course, excel-

eyes., Buy boracic cryake the lotion for yourself, heaper this way than buy. by made up, and it diseasily. Allow a teaspoonto a pint of water. hat feel heavy or are inmay be relieved considerably of cotton-wool soaked in are applied. Another owing tired eyes and eyodentally beautifying the

BOLVE

lieva

massage the lids very cld cream applied on the hip of the middle fingers. "Iwo of castor oil will rewritation left by grit in Often the sensation of the eye is only the ircathed by something that has sere. Rubbing, in any case,

only startes the condition. however, you are sure there is something in your eye, deliver yourself into hands of the nearest chemist.

Our Fortunes.

out man who sets out to be shittell of his own fortune must o be the bricklayer and

An Evland named Hawks had Now York and played a game of solida Los Angeles before dark of the same day. There must same day. There must be something in a name, after all.

what have you to say for yoursell . Prisoner (cross-word puzzl an hamast)-"I should like you to give me a sontonce with the word

Heliophobes Never Acqu

Dr. Says Sun. Da

Nordic 1 Well York, from The Me Dit Palet magratice the beaut of wapper helipolicie shall tre

Vacation. durks in th. even death lous 'exper

ustraliv may a .. flammen blindhes uals w. done were " T! 1166. mer nitti 'Very, data the sking? more succes organism to

> ly chough Violet hand In minet, 11 Bund trois rays Beach. "It on Burface 1. complication. result, wat burn la fact .formation.sea

unable to b

uttention of each of faller herein. bathing to be take to salph ! the body is we