AND

itute Reports Tests On Rats And Chickens

let rays play on foods is produced—the one ickets. Has radium a The Soviet Institute seding thinks it has question. V. Sukharev in Front Nauki i ntific and Technical

off alpha rays beta rays (elecfied bits of matter) s (super X-rays). posed to radium, turn became radiot could irradiate d meat, liver and evident that the e from radon - a ven off by radium s and which is one lucts of radium's pitals radon is used hin tubes ("needl-

rats were testedselting rickets-prethe other with o which radium-ac-After three weeks rat of the first or is feebly crawling rats in the second and active.

nserted in cancer-

Activated meat ld an effect like Rickets-preventing. eover, the chickens at by an amount attributed to nor-. Control chickens ir way were puny Even birds that runts twenty days een hatched began ated food. In forty orger than the radium-activated

roly. When they s they lay more more. Then there ment. Much scientists found dinary pullets, It cater) and fatter. red. The Soviet M with astonishump, fast-growing My living on less tion. An average diegrams of food illogram to its d with radium mly 3.06 kiloincrease. Profood is more

33 Nacison and d on the effect Maisin. Mand e studied the ergosterol into radon irradias make no atir astonishing

to them are of radium th tests lend s make no atmr astonishing tins or comto them are n of radium tests lend

high hopes, yeast, liver, adium emanathe treatment th troubles, he rers. who are gryy for lack will call for d brenkfast

Sukharev. erican money

silation? Dirt

Jaking e Codified

re have been 1-making athan Herald. lis Nebraska the necessity In proclaimoniphan, the ng rules:

wear your

washing and ght.

he curtains an airing. lay, stack it

WITH EXERCISE You Go In For Active Sports It's All To The! Otherwise Do "Daily Dozen."

Unless she plays golf and tennis, rides a horse or swims in the sum- of great importance. It's the family mer and goes to a gymnasium re- name that ruins him. gularly during the winter, to remain slender and supple a girl must The class was studying magne. exercise at home. Outside of ac- tism:

COUPLE DIET

the diet with proper exercise.

exercise will be good for you.

cises you need.

CONSULT DOCTOR

There are two categories, of

course. Some are intended to re-

do both are time-savers indeed.

original position before each bend-

Afterward stand with feet apart

llevel. Bending the left knee slight-

Exercises that are done on the

right. Repeat 30 times.

forth several times.

Numerous Snake

Bites Finally Kill

ter he was bitten by deadly snakes,

but the reptiles had the last laugh

poison that seeped into his system

its body to the University of Detroit.

hypodermic needle trying frantically

to administer an anti-venom serum

tlesnakes, gila monster, and water

moceasins. A python tried to crush

him once, but he survived.

recently, and Sampson is dead.

from many venomous bites.

side show in Detroit.

Diets may cause you to lose magnets are there? weight, but they won't strengthen Student: Two, sir. abdominal muscles or keep your Teacher (surprised): And will you waistline reed-like and graceful. please name them? Furthermore, while you can starve Student: Blonds and brunettes, pounds off your stomach and arms, sir. you'll find that surplus flesh on hips

and leaves your figure much more Venice? attractive if you have supplemented Mrs. Newrich: No. when 1 got First check your weight and measurements to decide how many

pounds you want to lose and where ABOUT TIME you want to lose them. Then see Hush, bunch of ragweed, don't you your doctor to find out if diet and You will be sneezed at by and by.

Never go in for liquid diets or any The orchestra was silent other strenuous regime without first awhile: ge ting a physician's permission. Conductor (leaning down to speak) Having taken these preliminary to the violinist): I say, what key was room.

Conductor: What do you mean? Violinist: Fits anything.

duce your figure in spots. Others keep you supple and graceful but do Mr. and Mrs. Thompson were renot necessarily take off pounds or turning home one moonlight night inches. Two-purpose exercises that after a strenuous day's shopping: Wife (exclaiming suddenly): Ob, For the wais line-to reduce it John, what a lovely moon! and to make it flexible-the pend-John (absent mindedly): Yes, how ing exercises are best. Stand erect much is it?

A local man lost his lawn mower early this summer, but found it yes. thing in life depends on that. terday while cleaning up his lawn, after having received a warning to Now spread your feet wide apart, thorities.

level. Without kending knees or moving feet, twist your body to the left, making fingertips on right work, ma'am, but there ain't much hand touch left foot. Go back to doing now in my particular line. the first position; then reverse, Lady of the House: Why, what are touching right foot with left hand.

Beggar: A window - box weeder

you swing downward and forward and the world will swallow him withand arms outstretched at shoulder

your back, making fingers touch the his age are just overgrown boobies. or do if you were in my place?" calf of your left leg. Keep the right leg still. Reverse, keeping the left It take; on'y one-fortieth of a secleg straight, bending the right knee cond to wink the eye, which makes

floor are best for the hips. Lie flat, Dan Thomas, Hollywood correswith arms outstretched, and ankles pondent, attributes this gag to Mae together. Holding the left leg West. The actress was telling a straight, raise the right one forward. friend about her experiences at the Then cross it over the left, pointing | San Diego Fair:

right toes outward at the sides. The "It was terrible-whwy, the people left hip should remain flat on the practically tore my clothes right off," abide by that.

Reverse, crossing the left leg over "Why didn't you leave?" asked her friend.

knees upward to your chest, holding Mae, "a citizen owes something to them firmly with your arms. Keep- her public." ing shoulders and head hard against

pressing them downward as you do times the sensible girl who has for the hips. Clasp hands above wooer.

Plumber. Certainly, idiot. To fill in the hour, the plumber had been looking at the finished job with a lighted candle. Witheringly he Reptile Expert

Plumber: Here, it you've got to

Some men remind us of the pretzel. They just get well started in one Famous animal trainer and snake direction when they turn toward

Three years ago a lion slashed half-inch cuts in his arm. He laughed and then fainted, but he lived to condemn the animal and bequeath Delicious Energizing His narrowest escape was at Lima, when a cobra bit him. He broke a Health-Insuring with a tourniquet, while the serum was transferred to another hypoder-He was bitten many times by rat-

Giving a baby a middle name isn't

tive sports, there is no substitute. | Teacher: Robert, how many natural

and thighs comes off more rapidly Friend: Did you enjoy your trip to

steps, decide what kind of exer- that you were playing in? Violinist: Skeleton key.

with heels together. Then, without bending, knees, reach forward and touch the floor with fingertips. Repeat 10 times, always taking the do so immediately from the city auhelding arms outward at shoulder

Repeat several times. Remember! to keep your knees straight and to make wide, sweeping gestures as

pretty small for his age, doesn't he?

and forcing left hand to touch right this the quickest known way to any

floor. The right knee shouldn't bend. exclaimed Mae.

When you have finished bring "Oh, I couldn't do that," returned

the floor, roll hips from side to side, Our guess is that in these trying so. Feel the way this massages steady employment is not going to be very keen on saying "yes" to the You can vary the rolling exercises unemployed but still enthusiastic

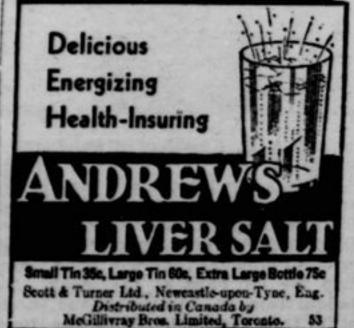
your head, hold ankles firmly together on the floor, and, without A plumber worked and his helper moving shoulders, roll hips back and stood looking on. This was the helper's first day: Helper: Say, do you charge for my

ROYAL OAK, Mich., - Romeo be so darned conscientious, blow the

Sampson 49, laughed many times at- candle out.

expert, Sampson was killed by slow something else. He was keeper at the McCullogh | There is a pest for almost every-Brothers circuses; an animal trainer warbles on cattle and bots on at the Buffalo, N.Y., Zoo a con- horses, it is worms in pigs, sheep

noisseur of rare snakes at Erie, Pa. and poultry, or bugs on potatoes, He was even a snake charmer at maggots on cabbage, scabs on apples a weird and unpopular honky-tank and smut on oats.



Rudy Vallee At Ex.



An outstanding attraction at the Woods of Sparta. there the wretched place was flood- year will be the appearances every afternoon and evening of Rudy Vaiwhich formerly housed the National Motor Show, has been converted ture of their summer outing. into a huge ball-room which will accommodate 1.800 couples. Vallee, shown ABOVE, will also broadcast new 6th Stratford (Knights of Colum-

A WEEKLY TONIC by Dr. M. M. Lappin

WHAT IS YOUR STANDARD? What is your standard? Every-Consider an extract from a letter

which lies on my de k before me now. It comes from a young man twenty-four years of age. He writes: Briggs, Kenneth Winegarden and "My people have always been faith. Lilyan Wallis. Beggar: It isn't that I'm atraid to ful to the church. Until now our deacons have all been older men, but recently another young man, about BARLEY VS. CORN thirty, and myself-1 am twenty-four, were elected deacons. An older man in the congregation thinks we ought not to have been put on the Board. Now he is trying to stir up trouble. I have aways believed him to be a good Christian, although he is very narrow and does not do some things that we would do. He says we are not fit to be deacons-yet I have

> said in favor of older men on Church | poultry rations. of some young blood.

think more highly of themselves than whole barley and the corn meal hey ought to think?"

In every church there are those who barley meal. In addition to the ten those who encourage them. But free access to oyster shell and grit; but everywhere, is to have a true es- cabbage, swedes, cut clover or timate of ourselves. A true estimate sprouted oats. modesty. It will also prevent us from the pen receiving corn in their ration developing an aggressive and over- consumed an average of 3079

ideal clearly in your mind-and make having a market value of \$71.24, for that. That will determine char- leaving a profit over feed cost acter. And, in the end, it is charact- \$30.64. The average feed cost er that counts. Not what a man pro- dozen was 11.61 cents.

Note: The writer of this column 3320 pounds of feed at a cost ing to deal with your problems and leaving a profit over feed cost give you the benefit of his wide ex- \$30.27. The average feed cost perience. Questions regarding prob. dozen was 11.62 cents. lems of EVERYDAY LIVING should The average cost of the corn was be addressed to: Dr. M. M. Lappin, \$1.46 and of the barley \$1.41 per Room 421, 73 Adelaide Street West, hundredweight. Toronto, Ontario. Enclose a (3c)

Farm Service

Published By London Concern

TORONTO, - Notice of incorporation of the London Farm Service Company, Limited, is published in th current issue of the Ontario Gazette. Capitalized at \$300,000, the comp any will "produce, deal in, store, process and market farm and natural products." It will also carry on busi ness as manufacturers, warehousers, cold storage operators, importers and

exporters.

AND AND AND AND AND ADDRESS OF THE PROPERTY OF THE PARTY OF THE PARTY

SCOUTING Here . There Everywhere

A brother to every other Scout, without regard to race or creed

During his farewell tour of the A delegation of officers and mem-Maritimes, His Excellency, the Earl bers of the Buckingham, Que., Lion's of Bessborough, as Chief Scout for Club visited the 1st Buckingham Canada, reviewed and inspected Scout Troop at their Scout hall to Scouts at all stops. . . .

Scouts of the 5th St. Thomas (Trinity Church) Troop recently unveiled Church officiated, assisted by Rev. J. over station CRCT. Through a week-A. Merrick of St. Luke's and Rev. N. ly broadcast the club plans to in-

Nearly a hundred Sudbury Scouts lee and his orchestra, together with and leaders in camp at Windy Lake an elaborate floor show. The building, entertained parents and friends at their Camp Pow-Wow, an annual fea-

. . .

In connection with the Jubilee celeof Fort Whoop-Up and erected a talk on its history.

erick Ross, Eleanor Jean Andrew, Mary Agnes Waden, Henrietta Marie "FOUR-CORNERED"

By W. W. BAIRD

Superintendent, Dominion Experimental Farm, Nappan, N. S. A feeding trial was started at the never known anything but the Dominion Experimental Farm at Man: Oh, no. Most of the boys of Christian life. What would you say Nappan, N.S., in the fall of 1930, with the object of determining the

> ience of age. But I have seen Church each fall for this test. They were Germany, as follows: Boards going to "dry rot" for want sisters or half-sisters and as uniform in size and age as it was possible As for the old fellow who thinks to select them. Pen 1 was fed a dry these young fellows ought not to be mash made up as follows; 11 pounds on the Board, he should remember each of bran, shorts, middlings, corn that their election was the voice of meal and crushed oats, 50 pounds the Church or of the governing body each of beef meal and charcoal, 25 of the Church, and be content to pounds each of fish meal and dried but termilk, 15 pounds of bonemeal, 5 Every man has a standard. Some pounds salt and one gallon of con men adopt false standards and think liver oil. The grain ration was 200 themselves to be a great deal better pounds each of wheat, and cracked than they are. Indeed there are few corn and 100 pounds of oats. Pen 2 men who are able to form a true received the same ration except that estimate of themselves. Didn't Saint | cracked corn in the grain ration was Paul counsel the Romans "Not to replaced by the same weight of stipulated quantities of Canadian the dry mash was replaced by ground do that. Unfortunately, there are of- forementioned rations, each pen had what we need, not only in church, also green feed, such as mangels,

Averaging the three years' results pounds of feed at a cost of \$40.60 Determine your standard. Fix your and laid an average of 4461 eggs,

Pen 2, with the same number birds, consumed on the average is a trained psychologist and an \$44.40 and laid an average of 4627 author of several works. He is will- eggs, with a market value of \$74.68,

Park Zoo in Lima, O.; a member of thing a farmer produces, says the stamped, addressed envelope for re- feeding test would indicate that cornered" type. barley may be used very successfully to replace corn in the poultry

> "America is 'coming through' by Notice Of Incorporation sheer force of its own momentum and the richness of its gifts." - Sir Josiah Stamp.

A magistrate who three years ago condemned two men and two women to four months' imprisonment for kissing in a public place in Genoa has again passed a heavy sentence on a pair of lovers. Caught kissing each other with prolonged action, each has been condemned to three months' imprisonment.

"Never lose sight of grand objec-The provisional directors are John ives in personal or particular quar-Beverley Givins, Charles John Fred- rels."-Charles A. Beard.

present them with a handsome stand of colours,-a troop flag and a Union An excellent talk on Cubbing by a cairn they had erected to a friend, Cubs Billy McBride of the 78th Tothe late Mr. Eli A. Mann, commemor- ronto (St. James) Pack and Bert Mcating kind acts received while camp- Comiskey of the 25th (McPher:son

ing on his property for some years. Presbyterian) Pack, both members Rev. Ven. J. W. J. Andrew of Trinity of the "Jungle Club" was broadcast crease the knowledge of the jungle animals in the minds of Central Ontario's youngers citizens.

> Mayor Thomas H. King of Moneton, N.B., was invested as a Boy Scout at a campfire ceremony which took place before a large number of Scouts in camp at Caissie Cape.

. . . At the Yorkton, Sask., fair the Calhis regular Thursday night pro- bus) Scout Group was made by Scout. der Boy Scout "farm team" captur. have come to hand from near Welgrams over NBC from the ball- ers of the other local troops, who ed all honours in stock judging, and laceburg, St. Thomas and Harrow. were present in a body. The Patrol won the Rotary shield, which was In the Wallaceburg district, says Geo. Leaders of the new Scout troop were presented them by Mr. R. Ramsay M. Stirrett, Dominion Entomological John D. Rockefeller, Senior, who of the Saskatchewan College of Agri- Laboratory, Chatham, Ontario, the

> brations, the 1st Lethbridge, Aita., for traffic officers in school zones crops. In the Harrow district they Rovers hiked out to the original site when schoo's re-open this fall. They have been reported on garden truck. a will be on duty morning, noon and So far, the most injury has occurred flag pole for the purpose of breaking "after four," and will wear Scout to sugar-beets. In several fields a few the flag over the historic frontier uniform throughout the school day, of the outer rows of beet plants have post. A short service was held at the They have been receiving special in- been stripped of their leaves and fort and Mr. J. D. Higinbotham gave struction in directing traffic from city some cases even the crown has been police traffic officers.

TRADE DEALINGS

trade are declous and the disposal of the cutworms are feeding or to the Canadian agricultural and other rows of sugar-beets or other crops. There is always something to be relative values of barley and corn in is best explained by a concrete ex- oughly mixed. The bait is then thinample given by the Canadian Gov- ly spread on the soil along the sugar-

A German import firm, for example, wishes to purchase Canadian apples. It is able to establish a connection with a manufacturer chemicals doing regular business Canada. With this chemical firm's agreement and co-operation, an application is filed with the German Government Supervising Office concerned with fresh fruit and similar commodities, showing evidence of contracts for the sale of chemicals in the Canadian market and requesting authority for the purchase of apples at specified prices. It is also lesirable to indicate that the transaction will assist the export of larger amounts of chemicals than

could otherwise be arranged. Permission for the export dea having been obtained, the Canadian purchaser of chemicals is then advised to pay, through a bank as trustee or in some similar manner. makes payment to the manufacturer of chemicals. There is thus a "fourcornered" transaction involving an exchange of goods between Canada and Germany but entailing no further transfer of funds than from one Canadian and one German firm to another and the remittance from Canada to Germany of the excess bait is used as they will readily eat value of Canadian imports over ex- it. ports. Such transaction, it must be Nature is helping considerably in noted, says the Canadian Trade the control of this cutworm as many Commissioner, may be completed by of the cutworms are parasited by a one Canadian and one German firm, fly, the larvae of which lives in the who both buy and sell from and to body of the cutworm and kill it each other, or by one firm in one Where crops are being destroyed, country and two in the other, but however, a farmer cannot wait for it has to date been more common for Nature's slower remedy, but should



Issue No. 35 — '35



CUTWORMS

Infesting Areas Of Southern Ontario. - Poisoned Bran Bait Being Applied.

An unusual cutworm infestation is occuring in certain parts of southern Ontario. Reports of damage so far cutworms are leaving grain and clover fields and migrating into sugar-Edmonton Scouts will act as jun- beet fields, corn fields or adjacent eaten. The larvae feed mottly night and remain under clods earth at the base of the plants the daytime. On dull days some feed-

ing occurs. From reports already received, it is thought that the insect is present great numbers in many sections. There is no cause for alarm, how. ever, as all that is needed is the prompt application of the proper control measure which is the application The ways of modern international of poisoned bran to the fields where

products entails the knowledge of Poisoned bran bait is made by mixmany methods. For example, if ing bran - 25 ibs.; Paris Green -Canada desires to trade with Ger- 1/2lb.; and molasses - 1 qt.; to which many, the "barter" or "compen- is added enough water to make the sation" trade, or the "four-cornered mixture moist and crumbly, but not transaction" has to be brought into wet. It generally requires about 21/2 play. This method of trade, en- gallons of water for each 25 lbs. of courage by the German government, bran. All ingredients should be thor-Boards because of the mature exper. Two pens of pullets were selected ernment Trade Commissioner in beet rows or broadcast over the fields where the cutworms are feeding. The

en the cutworms are active. They will not eat dried-out bait. In broadfrom one to one and a half acres, but when applied to rows of plants it will not do nearly as large an area. All that is needed is a small quantity of bait spread thinly along the plant rows.

If the cutworms are very abundant, crops such as sugar-beets should be protected by a dusty furrow, as is used in armyworm control. Plough taxation. a deep furrow around the field from which the cutworms are migrating, keeping the land-side of the furrow toward the crop to be protected. After the furrow is ploughed, a log should be dragged back and forth in The larvae are unable to make their way up the steep dusty side of the furrow. If the worms are very numbe killed as they enter the furrow by spreading poisoned bran bait along

Poultry and livestock must be kept away from the areas where poisoned West, Toronto.

the transactions to be of the "four- apply poisoned bait promptly.

There is an unfortunate disposition in a man to attend much more to the faults of his companions which offend him, than to their perfections which please him.-Greville.

Made Careful Study **Growing Old Process**

Winnipeg Free Press

There is, at perhaps this minute, in a deep chair on a verandah at Lakewood, New Jersey, a figure within four years of a century, who looks like Rameses stripped of his mummylike cloths, galvanized into life, and

set upright in a rocking chair. His longevity is only one of the arrived at millionairedom so young that men now nearly eighty have heard him called the world's richest man since they were boys. He is no having been joined on that eminence by Henry of the ubiquitous Ford. He s no longer among the masters of finance, having been in retirement for twenty-four years; his la t financial triumph having been to show Judge Landis, yes, even Czar Kenesaw Mountain Landis, that he would have to get up much earler in the morning if he boped successful y to ine John D. Rockefeller,

After getting the Land's fine set aside-that was in 1911 - John D retired, to eschew all wor.y. eat of water daily, and play golf. He was then 72 and looked, to quote ida M. Tarbell: "the o de t living

That quotation from Miss Tarbell is really the text of this article, It means that 72, when most men still look reasonab'y young, Rockefeller looked at least twenty years older than his age. He was ready for the grave then. But instead of going to the grave, he brought the ixed habits of his life, frugality and regularity, into perhaps the most intente concentration ever witnessed upon the mere feat of keeping alive bait must be applied in the evening by natural strength of constitution Where older men have reached by so that it will be moist and attractive Rockefeller has reached this age by a deliberate process of cultivating

> United States is going ahead with plans to pend \$460,000,000 for a new navy, and one of the first steps was to provide for 1,032 more officers to man the ships. A greater navy means a greater staff, and a greater s'aff means greater expense, and greater expense means greater

Classified Advertising

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