

New Kind of Pole-Sitter - No food, no water, nothing for a week -that was the experience of this cat in Windsor, Ont., when chased up a hydro pole by dogs recently. The maze of live overhead wires stopped any attempt to rescue puss from the narrow crossbar 25 feet above ground—too dangerous, the hydro ruled. But the ending was a happy one. Coaxed by hunger, the cat finally inched its way through the wires that

Those resistant flies were bred so

entomologists could work toward new killers. And new killers are

coming. Already they have been tested, and work fine on flies. It

remains to determine their danger

One thing will work for sure, En-

tomologists at Tampa, Fla., who work with flies all agree on this. It is more important than chemical

Fly control begins with effective

What about other insect pests?

. . .

Then we will have to use something

esle. One thing, however, is sure.

sorbed into the plant. It can go into the roots or through the leaves.

Then it translocoates—moves into the circulation system of the plant.

The bug takes a nip at the plant,

or starts to bore into the stalk, and

But such a poison must not be

harmful to animals or humans. That

is also one of the problems facing

DDT and the chlorinated hydrocar-

scientists can tell you about how much DDT, chlordane, lindane or

toxaphene you will find in meat, milk or eggs if animals are fed grain

or roughage treated with a given

But no one can tell you what

DDT. But no one knows what will

. . .

There, the Food and Drug Ad-

ministration has to operate solely

on the best opinion that can be mus-tered in the industry—and on the

thesis, "if it ain't naturally in an

For example, many research men are loaded with DDT they have ab-

a lot. Gently slice a slab of fatty tie-

sue from him, analyze it, and you

That gives you a rough idea of the

apple, it ain't good for you."

will find DDT.

easy to use. It's some job!

happen to you or to kids that drink

amount of the chemical.

Enough tests have been made so

he gets a bellyful of poison.

sanitation. Destroy breeding places. "Fly prevention is always better,"

to people.

THE FARM FRONT John Russell

In a fashion magazine, of all places, I ran across these verses, by an anonymous author, which I think will appeal to all fruit growers who read this column, and maybe some of the rest of you as well. The title and the verses go like this:

When I am dead Don't send me, please
To a place with white crosses
And sad little trees.

Two splits deep, Where the worms come and go And the rootlets creep:

Where the salts and the acids, The phosphates and lime, Will make good apples At apple-picking time. And when pickers come On an autumn day, "That tree's a good one"

Is what they'll say. Down in Tampa, Florida, bugfighters from seven different countires recently attended the joint sessions of the American Entomolo gical Society and the Association of Economic Entomologists. And right now I'd like to say I'm glad I'm not the Mayor of Tampa—not

if he had to get off those titles in

Men who study insect control are something like plant breeders. Theirs is a constant battle to stay one step ahead of nature. Now and

then nature wins a round. By the time Clinton oats were released, plant breeders had better varities well on the way. But nature crossed up the research men with Race 45 rust. Race 45 got here ahead of the better oats.

So it is with entomologists. This year, the European corn berer won a round. But plant breeders and entomologists win their rounds, too. example, none of the entomologist resistant flies and mosquitoes. They have always built up a resistance to most poisons.

So entomologists and chemists dared not stop with DDT. They kept on looking for something It is well established that many strains of flies and some mosquitoes we built up a terrific resistance to

DDT in some areas. For the moment, they can be handled with other chemicals which have not been so widely used. Nor used quite so long. It takes severs generations of exposure to build up a resistant strain of bugs. sorbed. Probably spray operators are, too. Find a plump research chemist who has worked with DDT

But in the Department of Agriculture laboratories at Beltsville, souse-flies that resist the action of rocarbon chemicals in current me

problems facing entomologists. Chemicals have become vital to continued food production in many cases. These research men have to So it is to be expected flies will become resistant to lindane and the other chemicais now used. What will we do then? Go back to the flyfigure out something that will kill the bugs and still not hurt the people. And it must be low in cost,

in a recent Colliers Magazine. In it the author attempts—or at least starts out to attempt—settlement of the vexed question of who was the greatest heavyweight of all time. (And, by the way, no mention is made of a guy named Samson although, according to Cecil B. DeMille's latest opus, Swingin's cockled quite a wallop, at that. Sam packed quite a wallop, at that. Still, Samson carried "the differ-ence" openly, in the form of an ass's jawtone or some such, whereas more modern heavies concealed

We said "starts out to attempt" advisedly because, when we get to the end of the piece, we find the question still more or less unsettled. However, the author is a man whose opinion must be respected, even if not accepted, being none other than Gene Tunney, himself a pretty fair sort of leather-peddler and one of the few champions— you could count the others on the toes of a timber leg—to quit the ring with practically all his earn-ings intact, and his mental eggs unscrambled.

Not to keep you too long in suspense, Mr. Tunney quickly boils down the "greatest of all" contenders to a mere two—Joe Louis and Jack Dempsey. And surely it was merely by coincidence that we noticed, a couple of weeks after the piece hit the newsstands, that the Brown Bomber and the Manassa Mauler are due to "battle", some time this summer, in a movie entitled "The Battle of the Century". It wouldn't be that Mr. Tunney -and Colliers-are sort of ballyhooing that epic in advance, would it? Perish the thought!

Tunney's method of brushing aside all fighters other than Louis and Dempsey is simple—almost too simple. We'll quote just a bit of Corn borers, wire-worms, cut-worms, sweet clover weevils, and so on? Do we have the answer yet? what he has to say about one of these; "By scratching out 'Black The answer has to be "No." In Jack' Johnson too, I'll probably corn borer research, it could be said earn the lifelong scorn of a small we have come along far enough to
now know how little we really

but vocal coterie which still insists that Johnson was the lad who sists that Johnson was the lad who could have leveled Joe Louis. A more or less accurate line on John-Maybe born borers will build up son's real ability can be gleaned a resistance to DDT like some flies. from a record book. In three of his outstanding contests, he did not register the effectiveness required of a great champion. No resistance is going to be built up until DDT corn borer control treatments have become a general practice for several corn borer gen-

The three that Gene goes on to cite are Johnson's tilts with Tommy Burns, Stanley Ketchel and Jim Jeffries, pointing out that the first Maybe by that time sometimes better will come along — a new chemical, a resistant strain of corn, ries was a mere shell of his former self. But Tunney forgets to mental that in those three engage-One new approach appeals to tion that in those three engagements, in fact in practically every some entomologists fighting plant-eating bugs. That is the use of was in effect fighting in hand-But in spite of their mouth filling tags, these scientists came out with some interesting facts about the never-ending fight against insects.

eating bugs. That is the use of brand-new chemicals that "translocate" Now.we put the bug killer on the plant. In the new method, you use a bug poison which will be absorbed into the plant. It is the use of brand-new chemicals that "translocate" Now.we put the bug killer on the plant. In the new method, you use a bug poison which will be absorbed into the plant. It is the use of brand-new chemicals that "translocate" Now.we put the bug killer on the plant. In the new method, you use a bug poison which will be absorbed into the plant. It is the use of brand-new chemicals that "translocate" Now.we put the bug killer on the plant. In the new method, you use a bug poison which will be absorbed into the plant. It is the use of brand-new chemicals that "translocate" Now.we put the bug killer on the plant. In the new method, you use a bug poison which will be absorbed into the plant. It is the use of brand-new chemicals that "translocate" Now.we put the bug killer on the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which will be absorbed into the plant. In the new method, you use a bug poison which wi who believe that never once, in all his career, did he dare to-or bother

> "You don't have to take my word word for this apparently arbitrary dismissal of battlers whose names we were brought up to revere," continues brother Tunney. "And you don't even have to compare written records or refer to excellent treatises on the subject. Television has settled the argument definitely. Recently the coaxial cable moguls have disinterred ancient films showing every great fight since Jeffries surprised the world by kayoing Bob Fitzsimmons. These flickers, instead of supplying thrills and excitement, sent spectators into con-vulsions. They howled at the ridicuhappens to humans who eat such meat, milk or eggs.
>
> They know what happens to a rat's liver if the rat eats too much ald Duck footwork, not to mention the beefy spare tires flopping over their trunks. Even Jack Johnson, too much DDT in milk. Nor when it will happen. Nor how much is too who had a genuine touch of greatness in him, looks far from imcompared with the finely developed

ring technique and clever footwork

of Dempsey, Louis and others."

FLY?

Honey and Hank

"Was Joe Louis the Greatest?" | Gene Tunney is known, not only "Was Joe Louis the Greatest?"

is the intriguing title of an article in a recent Colliers Magazine. In it the author attempts—or at least starts out to attempt—settlement that if he should happen to see that if he should happen to see some old, scratched-up film taken of John Barrymore back in the days of the silent movies, he would conclude that Jack must have been a lousy Hamlet. Gene never happen-ed to think that film technique might have improved considerably too with the rassage of the years, did he? But no—"Television has settled the argument definitely."

> Tunney describes at great length what he calls "one of the greatest ring battles of all time"—the Dempsey-Willard thing at Toledo on July 4th, 1919. Then, later on, he admits that he wasn't there personally but" has seen since in he admits that he wasn't there personally but" has seen since in

teeny mite of illegal assistance.
Some say that his bandages had been dipped into concrete which, after water had been poured over, quickly hardened into rocklike solidity. Dempsey himself has admitted that he had two or three teens of the process of the proces

Still, it's a fine article and one one well worth reading in its entirety, if you can manage to get triefy, if you can manage to get available this spring. Write us now. Latvis Reiler Association, 356 Eay Street, Room 137 Toronto, Ontario. o-cut loose with everything he Joe Louis, at his best, would have Joe Louis, at his best, would have licked Jack Dempsey, at tops. Also that Jack Johnson. AT HIS BEST that Jack Johnson. AT HIS BEST 239. Transcona. Manitoba. AND WITH THE HANDCUFFS OFF, would have beaten both Dempsey and Louis-with Gene Tunney tossed in for good meas-

Iceberg Census An "iceberg census" of the Baffin Bay region has been taken by aerial photography. It turns out that in the 1949 survey there were 40.32 ice bergs in the region. These berg ping in the Atlantic. Hundreds o spotted icebergs will disintegrate on the 2,000-mile trip before reaching the shipping lane. Others will vessels on the usual routes to Eur ope is reduced to a minimum by the iceberg patrol of the Coast

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smashed Jess Willard's cheekbone into fragments is, in his opinion, one of "the three mightest blows delivered during the last three decades of boxing".

Now surely although Gene Tunney never condescended to mingle much with the rude characters of ringdom—somebody must have told him about the very shrewd suspic in, which still persists, that j. k Dempsey, when he less than the content of the content of the content of the light of today's code of the light of the light of today's code of the light of the light of today's code of the advantages of R.O.P. Sired Chicks. Send for the policy of the light of the light of today's code of the light of the light of the light of today's code of the light of the light

sists, that h. & Dempsey, when he cut big Willa, I to pieces that sweltering link day were sent sweltering links are sent sweltering

Some say that his observable been dipped into concrete which, after water had been poured over, quickly hardened into rocklike solidity. Dempsey himself has admitted that he had two or three times the legal amount of tape. There's no doubt that Willard took a terrific beating. But if his handlers had been as shrewd as those of the present day, we doubt if Dempsey would have flattened him in any three rounds, or even twice that many.

Space will not permit us to go much further into Mr. Tunney's very thought provoking article—but it is interesting to note how he goes out of his way to belittle most everything loe Louis did and the majority of the opponents he fought. This is how he finishes the piece; "The answer to whether or not Joe Louis was the greatest ever gets down to what one thinks about Dempsey. For if Dempsey was not, surely Joe Louis was."

Tunney leaves little doubt in the reader's mind that his vote would be for the Manassa Mauler, if it came to a vote. Provoking the thought that, as he wrote those words, perchance Mr. Tunney leaves little doubt in the reader's mind that his vote would be for the Manassa Mauler, if it came to a vote. Provoking the thought that, as he wrote those words, perchance Mr. Tunney might have been just toying with the idea, "I wonder if anybody will remember the lad who licked Jack Dempsey not once, but twice in a row—a lad by the name of Tunney."

Still, it's a fine article and one

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Everywhere!

ym Gems-Getting in shape for the "Miss Photoflash of 1950"

ntest are beauties Martha Lou Edwards, swinging Indian abs; Peggy Smith, on the rowing machine, and Jean Brooks,

George Cooper, The Creator Spent 40 Years Building, Fixing

caity of Toronto for 41) was quiet, competent George C. Cooper. George Cooper spent his entire me building or fixing up different

nds of apparatus. He put together om scratch such varied items as swplows and rat mazes. He made nty electric clocks, before such te on the market.

MINARDS

KING OF PAIR George Cooper's official title was chnician." The works "technician" de "mechanician" are used interangeably to apply to men whose ingeably to apply to men whose by it is to turn out equipment for udent labaratory use or for rearch or just for the maintenance University property. Usually the placts are modelled on a sketch a professor. They are the kind object that can't be purchased where. Their fabrication requires genuity, and the ability of somewho is an inventor every day his life.

his life.
Two major qualifications made orge Cooper an outstanding tech-ian. First was his training. He ncian. First was his training. He served his apprenticeship in a small shop in Gravenhurst, Ontario, where he started by sweeping floors and helping the blacksmith. Gradually he started working in the machine shop and the general repair shop. He was there for three years.

The second qualification was a natural creative ability.

June.

During the thirty years he worked for the Department of Psychology,

George Cooper became mildly interested in the subject which was the Ouring his first eleven years at University, George Cooper was uched to the general maintenance if. He fixed potato peelers and ice jobs for members of the acaof astrophysics, wanted a minset of planets to show relasizes. Cooper made them and ted them ("the earth was a wee thing"). He also made a celestial globe of brass wire,

made the first snowplow used iversity grounds. Year after it was put to work bucking drifts until five or six inches een worn off the boilerplate poper had turned into the acplade of the plow. He also put ther the first carts used for col-ng leaves in the fall. Bit by bit, ge Cooper's handiwork started ng up all over the campus.

never let himself get stale.

been a kind of student all life," he said a few ago. He took a correspo e course in machine design and nanical engineering, and for two she took mechanical drafting ical school. Meantime, he keys and locks and a rotary ntable for a copy of Venus de le. He constructed a large mafor picking up display cases moving them bodily to ano-part of the Museum.

hen the first World War was rway, George Cooper entered of the most constructive phases s work as a technician. Profes-. A. Bott (then Captain Bott) men working under him nine men working a civil reshment centre for veterans. er their disabilities. One of the that Cooper made is typical kind of work he did at that ptain Bott wanted an appa-t would help veterans who a leg make use of the

In a wing of University College, lose by the Soldiers' Tower and moring out on the Hoskin Avenue playing field, is a quiet old-fashioned workshop. In the workshop for 36 years (and on the staff of the University of Towers for Al) was quiet. The veteran could then swing the howling hall and held by a spring attachment. The veteran could then swing the howling hall and left of the solid the swilling hall. ment. The veteran could then swing the bowling ball, and let go of it at the strategic time—actually bowling with the stump of his leg. A bowling alley was set up. The acheme was eminently successful.

During the last war, George Cooper constructed a recording device for R.C.A.F. Link Trainers. He also rigged up a swing which the air force used as an air test for recruits.

The swing was operated by hand until Cooper powered it with electricity.

The twenty electric clocks that were a product of Cooper's talent were put together from bits and pieces. Only the dials and the hands were bought. The clocks were dis-tributed here and there in the Unitributed here and there in the University There was a master clock and a big drum punched with 900 holes. Pins passed over the drum and settled in certain holes at certain times which rang bells in different buildings. It was quite an operation. "Taking them all round, the clocks did pretty well," said

Cooper modestly.

The Cooper workshop was filled with machines he had set up himself—machine and wood lathes, a milling machine, a planer, a band saw, and drill presses. All this machinery was taken over by Jack Clark, who succeeded Cooper last

sometimes I don't think I learned a great deal," he commented. He made rat mazes and perimeters and most of the gadgets that fill the psy-chology laboratory in the Econo-mics Building on Bloor Street. In recognition of his work, the Depart-ment of Psychology presented him with a fine engraved gold watch when he retired. George Cooper had a true sense of humour. "It had a true sense of hur would spurt out of him all at once," a friend says. He was easy-going, people liked him, but he minded his own business. He lived a regulated but busy life. He liked going on motor tours with his wife. The Cooper's only son is a paymaster

"Music was a dominant force in George Cooper's life. At 14 he played a bass horn in a band. He played various instruments in boys bands and later in regimental bands. "I can't claim any brilliance about my playing." he said, "but 1 man-aged to get away with it." He also enjoyed singing. He sang in the Na-tional Chorus and was a charter member of the Canadian National Exhibition Chorus. "I don't know how many church choirs I've been in," he remarked. His work made him a philosophe

From time to time people would ask him to make gadgets that he knew wouldn't work. Nevertheless he would follow the ideas of the man who gave him the job. But he would come home to his wife and remark that he had been "planting the cabbage upside down, and if i doesn't grow, well all right."

George Cooper's mechanical abi He made himself an ice boat an a pair of speed skates. The spee skates were 16 inches long and deadly. They were designed along new lines, and he won everything in sight with them. There used to be some hot disputes by speed skating committees as to whether George Cooper should be allowed to use his dangerous new skates. But he not only won the argument, most of

In October 1949, a heart condition from which George Cooper had been suffering grew worse and he was taken to hospital. On October 18th he passed away.

-From The Varsity Graduate.

True Chivalry

during a lull in the conversation, gave a loud and rasping hiccup. A Frenchman sitting by her, immediately apologized as though he had

committed the faux pas. When the women had left the dining-room an American asked the Frenchman why he had acted

rous people," was the reply. "I saw that the lady was embarrassed, so

women. After a while the American his hostess in the middle of a group of guests. Suddenly the hos American turned to the guests and



Old Bible Edition-Dr. Nelson Glueck, president of the Hebrew Union College holds the newest addition to the school's rare book collection. It is a "limited edition" of the Pentateuch, the first five books of the Bible, which was printed 1842.

Quickest way to balance the household budget would be for the neighbours to stop buying things we can't afford.



Surrealist Exhibits Work-Salvator Dali, famous surrealist and mystic painter, displays his painting of the Madonna, which he showed to the Pope during a recent visit. Arriving in this country a short while ago Dali brought four other paintings to exhibit in New York.

Winston's Come-Back

The paymaster sent Churchill memo, instructing him to use the word "porterage" in future and never "porter."

Churchill at once replied: "I a young soldier in the Aldershot Command fifty years ago, told Australians this little-known story of Winston Churchill the other day: The ex-Premier was then a young subaltern. One day, after travelling on duty, he submitted an out-of-

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