Y WITHOUT TAXES.

penses are Paid by the Ine From Its Property. lack forest of Germany is city of Freudenstadt with

00 inhabitants, a busy inlace with iron and chems of some importance. it is, Freudenstadt is 'a l city with a Mayor, Ald-If a dozen policemen, and ine. The public business ed on an economical basis otal expenses do not ex-00 in a year.

adt has the distinction e only city in Germany. is in the world, which ax the citizens a dollar al expenses. The yearly from the public propall the outgo.

erty consists of about of fine forest, which, ged under the best foriods, is a permanent come. One or more trees for every one that is o tree is cut till it can aximum profit.

eting all the expenses ry the annual profit to bout \$5. This is excepor Germany, where the ranges from 83 to

a is often asked in this her it will pay to der permanent forest. st a moderate profit o one can be expectrees on land that can my other purpose. sland experiment stagiving some attention on, and in a bulletin by Prof. F. W. Card ng figures are prees the experience of

n, of Rhode Island, worn pasture with and kept a careful till 1877, 57 years, all expenses, he profit was nearly annum on the origa record of the re-

acre tract of white apshire for 80 years. me the average an-\$3.75 an acre. The Prof. Card seem to a moderate profit ected from forests rmanent crop. Peret make as much ndustry as is made e every part of a ceted at some price, ranches and twigs into bandles and

EMPEROR.

ars Has Ruled an Dire.

Austria, who, it is 11 country in the old Lord Methuen, for the rigors of tlived by three span of man, and led an empre H s Emperor of Auss month in 1858; postolic King of nineteen years force of the sayhead that wears ed in its metaie Kaiser, Frannot apply literwo most famous are those of the at he wears cruellest tyransupport that of 14 lbs., and is the Crown of lity it is noth. is composed of ing to various nef treasure of langary is more s the crown of n its thousand en seen only at as never touchcrated hands; se who witness l of an anointof without the at. Immediateice, for which o light is conand watched ries, who rer-

fore its sanctheir crown is in the world. is Cleaned the Pullman rsion of the the sanitary rs, has sent just what the Pullman car man car aron it is enarpets are the interior mly scrubbed The blankets par and are with comind pressure. wash them they go to nes a year, is the case Il linen is ry case of ever trivial ptie cleanspied by the tire car is hyde. As a tion in the my. purely being omitones, such eing made

man. an awful native of the coast was dying er she had she askher some n bed and and then ied sigh. etermined ipple-sass Lippin-

ch does not

# Violet's Lover

Then, after talking eagerly of his, I could take you where your beauty boundless wealth, the beauty of could gladden no eyes but my own! her dress; "they shall change places dignation. come to see us!"

Violet remembered her promise; knew that would probably one o'clock. Soon after noon you know." she put on her garden hat, and, with She was sorry for him. She could land prettier than the out saying a word, went out into not quite understand his feelings, parish church at Lilford. It the woods, where no one could see but she had some dim perception of was an old Norman edifice, her and no servant could be sent what he suffered, of the torture of with quaint square towers and a after her. She sat there thinking- his love and jealousy, of the great- harmonious peal of bells. The church thinking of how Felix loved her, and ness of his love. She saw such pain stood on rising ground, and behind

much? Why was he so anxious for she laid her hand on the cluster- stretched out on either side-hills her to be away during the baronet's log hair, and drew his face down to with quiet little hamlets nestling on without a word or a bow to Sir visit? She had never loved Felix hers. She turned her sweet lips to their wooded slopes; little old- Owen. warmed to him-his great love had touched her at last. She would not go back home until after two; the baronet could not prolong his visit beyond an hour, she thought.

As she entered the house she saw her mother watching eagerly for her night. I would walk all day and led to it was bordered by limeat the dining-room window. She went walk all night for the chance of opened the door she heard the baronet's voice.

" Good morning, Miss Haye. I was just saying that, after my long ride over, I would not go away without seeing you, if I had to stop here until midnight." She looked up at him in simple

you wanted to see, Sir Owen."

He laughed; he was somewhat "Felix, I belong to you," she disconcerted at her answer. "Did you not see that that was my excuse for coming to see you?" his hand.

Violet turned away, while Franadmiration by those children of will be true to him." Mammon. Then, after promising to! "Yes," she answered. send grapes and choice fruit-af-

"What a very friendly neighbor!" said Francis Haye, as he, with his wife, watch- The moon was shining, the dew lay ed the baronet mount his horse.

face that quivered with agitation. never beaten before. "He is worth forty thousand a year | "After all it is to better to be -forty thousand! If you are a wise loved than to be rich," she thought man you will not say one word, -"it is better to have love than rich-

you do, you will spoil it all." So when Violet returned, half -I did not understand." dreading the debate she felt sure | She stood for some minutes while expressed himself much gratified. of the moon. The only perceptible difference was "There is nothing like love," she that the girl's parents treated her repeated, "and there never yet was with even greater deference and af- any love like his for me." fection than before.

ents, heard a signal that she knew grateful.

sald Mrs. Haye. "It is growing late: knew that Violet loved roses. He dered my carriage on purpose-I did

How lovely the night was! The and Felix wished with all his heart world tay calm and smiling under that he were one of them. the light of the moon; the soft breeze brought the scent of pink hawthorn to the hedges, of the clover in the meadows, of the violet in the words. Violet went quickly out, and there, tained. Felix offered to help, and his by the great lilac bushes, stood Felix. offer was eagerly accepted. The She had no time to remonstrate, for first thing they saw was a magnifihe had clasped her in his arms as

house, Felix?" she asked. "No. I have but five minutes, and A little white card was at I ought not to have run over, but bore the hackneyed quotation, I could not help it-I could not " Sweets to the sweet, For Miss rest. I want to know if you saw | Haye, with Sir Owen Chevenix's | Haye?" that man to-day, and what he compliments." said to you. Yes, I know," he continued, "that I am jealous. Never when she saw it. Mrs. Haye took mind that, sweet. Jealousy is a con- It up in her hands, and, turning it suming fire. I could not rest, I round, said in a nost impressive shall be very proud of the honor, I know just what the trouble is, but food -my very life has seemed to This is worth five guineas at be leaving me. I felt that I must least." run over-that I must hold you in my arms, kiss your lips, hear you

say that you love me, or the fire would destroy me." Once more his great love mastered her-once more the mighty passion in him seemed to make her strong and noble by example.

his lovent eyes, she could not say ignoble jen!ousy joined in the praise a carriage. Now, Violet." "There is little to tell you, Felix," stood at the garden gate alone with her, Mrs. Haye," suggested Felix. she replied. "I went out soon after him he said, half sadly: two. Then he was still here. He went I can not understand it."

away soon afterward."

answered. He drew her nearer to him.

"And to think that he should away. Will the longed-for time er of longing is burning my heart never come ?"

"Yes, it will come," she replied; and he was the happiest man in Sir Owen this time she did not add her usual world. call about remark-"I have not quite promised,

"That was worth walking a hundred miles for," he said. "If you | are so kind to me, Violet, I am/ afraid that I shall run over every vel of architecture; the path that novelty delighted Violet. hearing such words."

The dew was falling, and the fragrance of the lilac floated round them. "I must not stay, Felix," she murmured.

"No; I will not ask you. My darling, say only once more to me the words I love to hear-say, 'Fe- sounded through the venerable oaks. began soon after the discovery of These pills cure by making new, "I thought that it was my father let!" he added, with sudden pas-

whispered, and he was content.

cis Haye and his wife looked at; will remind me of this night and every lilac that blooms because it the beautiful face of the young girl each other. The baronet sat down of you. See, there are dew-drops on again; nor did he leave until long your hair! You must not stay, after three. He talked of all kinds sweet; you may go in, Violet. You of things which he thought would will repeat my name before you sleep interest Francis Haye. His last to-night, and when you wake you word was listened to with intense will say, 'Felix-I love Felix, and

ter offering all kinds of favors-he that she were around her neck. He touched the little golden chain went away. Violet was compelled | "I wish I were that chain I wish to go to the garden gate with I were this golden ring of hair that him. He asked her, and Mrs. Haye lies on your face. I wish-oh, Violet, I am mad with wishing-mad with good-natured, longing! But I love you so dearly." In another minute he was gone. His wife turned to him with a alone, her heart beating as it had upon the lilles, and Violet stood

Francis Haye-not one word; if es I-I wish that I had always been kinder to Felix; but I did not think

must follow, there was no reference the western wind cooled the hot made to the baronet or his visit, save flush on her face,, and she became that, in general terms, her father calmer as she watched the pale light

If the girl's father and mother sus-That night -it was a lovely night | pected anything they made no sign, in May -Violet, sitting with her par- they said no word, and Violet was

There was a quick beating of her Felix, finding he had a leisure hour gave a careless nod to Felix, but them. But, instead of simply throw- growers are 2 milar to those of heart, a thrill ran through her veins in the afternoon went over to The continued talking. that her mother's wishes were warmth, by her parents. Violet was drive round by Queen's Ash." ceived with civility, though not with and if you will permit it, we will obeyed, but in reality to see if Felix pleased with the roses. She praised them-she buried her face in them,

the Hall. Francis Haye was excited | say. about it. It must be opened at once -he could not imagine what it concent bouquet-such a bouquet as had though nothing but death could part never been seen in Lilford-the conservatories must have been robbed "Did I frighten you, sweet? I to provide it. There were camellias, hope not-I have but five minutes red and white, gardenias, stephanotis, white heath, heliotrope, lemonlovellest flowers that

want to spend them with you. the side of it-a card which

Violet gave a little cry of delight

Then they uncovered several bunches of superb grapes, some fine peaches and apricots-delicacies such as

previously Violet had only heard mentioned-also a dozen bottles of simpered a little. choice Madeira for Mr. Haye. 'It is very kind of him," said Francis Haye- wonderfully kind. I have

of the baronet. But when Violet

For to his mind, so brave, se noble, Another time, Felix, you shall be her "Did he talk much to you, Violet?" so incapable of meanness or wrong, escort. Sir Owen has been kind "No; he talked to my father," she it had not yet occurred that any man | enough to order his carriage for us; could deliberately try to take his be- it would be really impolite to refuse. trothed wife from him. He would We will say good-morning to you "He has not taken one thought, have scorned the notion. He never now." And she watched him while me, has he, sweet? Oh, my darling, if was too late. But as he stood then with Violet.

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there-and it was only natural -

She laughed a low, rippling laugh that sounded very sweetly to him. roses is"-pointing to the bodice of fair Lavinia looked on in angry in-

Lonsdale's only response, and as he

how sweet it was to be loved-tell- in his face and in the trembling of it was a grove of oak trees-fine ing herself that she would not ex- of his lips that she did what she had old spreading oaks, that had seen Why did he dislike Sir Owen so caressed him of her own free will; men come and go. Great green hills "You need not fear, Felix," she and the old church stood up royally Haye, as the carriage rolled swiftworld villages were dotted around, whiepered, "I love you-no one but on the hillside. The walls were ly along the high-road. "Violet, of gray, and covered with ivy; the old all the fuxuries of life, give me windows were of stained glass; ivy carriage." windows were of stained glass; my carriage. Covered the square towers; the old The luxury and grandeur were but found nothing to help me until pedigree of the seed by having it trees; look where one would one saw nothing but ripples of foliage and a gold-green light.

> would have charmed a poet. The very spirit of peace and rest seemed to brood over the earth, while the sweet chime of the Sabbath bells Felix had always walked home with connected with it. In the early days every part of the body and enabling tion, in his paper read at the last Violet from church; when they were of Roentgen rays, there were many it to throw off diseases. You can children they ran down the hills facts which suggested that phos- always avoid imitations by seeing in very gladness of heart, but now phorescence had something to do that the full name, "Dr. Williams" He touched the lilac flowers with they walked sedately, Felix almost with the production of these rays. Pink Pills for Pale People," is printforgetting the beauty of the fair It occurred to several French phy- ed on the wrapper around every Plains," gives the following touching "Darling," he said,. "I shall love world around him, as he looked into sicists that X-rays might be proof the admiring glances that came from all sizes, yet really trying with all her heart to disregard them be-

Sunday in Lilford was a day that

cause it was Sunday. It would nardly have seemed like Sunday to Fallx if this privilege had been withdrawn. He went, as usual, on the first Sunday in June, when the old caurch was looking its fairest and the sunlight on the oak trees was wonderful to see. There was Violet, her beautiful face chining, he thought, like the face of an angel; there was Evelyn, looking like a fair, see Sir Owen Chevenix also. It was for several nours, it was removed the first time that he had made his from its paper covering and develappearance at church, and the con- oped. A slight trace of photographic gregation was just a little excited action was found at those parts about it. Dr. Hunter, on seeing him of the plate directly beneath the there, fondly fancied that it was due uranium, just as Becquerel had exto the fame of his effective preach- pected. It was clear that rays of ing. Lady Ro.fe suspected that the some kind were being produced that charming Lavinia had lured him were capable of passing through there, but the vicar's wife, shrewd black paper. Eince the X-rays were Mrs. Hunter, sighed and smiled.

to herself; and then she reproached; problem of producing X-rays by sunherself for the thought and applied light was solved. herself to the Psalms.

Limes. He took with him a little bou- "I beg that you will let me drive tunately developed them, thinking Associations of breeders of pure- we cannot grasp them. The mind "How the leaves tap the window!" quet of roses: they were the first you home, Mrs. Haye," he was say- that some action might possibly have bred stock fix a standard which must and heart cannot take in what it choice ones that he had seen, and he ling. "To tell you the truth, I or- taken pice in the dark. The result be attained before animals will be means. It saddens one for a lifewe will have the shutters closed." found her at home, and he was re- indeed. It is a lovely morning,

He did not look at Violet as he spoke. He knew that whatever her mother did she must do. Felix had taker her hand. He did not care if While he sat there a box came from all the world heard what he had to

"You will not break through the old custom of walking home with me, Violet, or, rather, of allowing me to walk home with you?"

She looked from one to the other with real distress in her face. Owen did not even glance at her; he know that his cause was safe in Mrs. Haye's hands.

"Violet," eaid Felix, "you cannot "Will you not come into the scented verbena-the rarest and hesitate;" and the girl stood locking at him while her mother said: "Really, I do not know what anower to give you, Sir Owen. I do not know what people will say."

"Why, what does that matter, Mrs. "Well, you see, Sir Owen, Lilford is a small place, and 'everybody' knows "everything."

"Tell me about it, sweet," he said. never met with any one so generous." tell Mr. Haye that the one thing I Looking into his handsome face. And Felix, who was far above all want to make me perfectly happy is Paby's Own Tablets, he became bet-

twelve; I did not return until after . What does it all mean, Violet? let must come with me! I cannot go alone and leave Violet with you. one word, one look, one smile from even so faintly suspected it until it he shook hands, first with her and

His handsome young face had there came to him for a mo- grown white even to the lips; but ment a passionate longing for what could he do? He was a genwealth. If he could only make such | tleman; he could not make a presents as those he had just he'ped "scene"; he could not take the girl Th from her mother's side against her This Dangerous Epidemic has principles which undertie tuprove-"Violet," he said, half sadly, "I am will; he had no carriage with roan afraid my roses seem very poor and steeds, and coachmen and footmen in trifling by the side of all Sir Owen's livery. What could be do? Only one magnificence. My darling, if I could thing. If Violet was to go in the coin my heart's blood into gold and carriage, he himself would put her lavish it upon you I would do so. into it. The baronet's hand should not touch even his darling's dress. A Suggestion as to How to Guard of seen producers and seed consum-"Those beautiful flowers will stand the high-road where the carriage In mamma's favorite old china bowl," stood. There were many curious eyes she said. "Look where one of your watching them. Lady Rolfe and the

walked home with me, would you

not ?" "Yes, I would," she replied; and

(To be Continued.)

Experiments With Becquerel Rays, Which Gave Radium to World.

So long as he could remember, the X-rays, and were intimately rich, red blood, thus strengthening produced if phosphorescent sub- sent post paid at 50 cents a box or stances were exposed to sunlight in- six for \$2.00 by writing to The stead of to the electrical action of Dr. Williams' Medicine Co., Brocka Crookes tube. Prof. Henri Becquer- ville, Ont. el, of the University of Paris, undertook experiments to test this supposition as early as 1896, only a few months after X-rays had been discovered. Among the substances used in these experiments, was one containing the metal uranium. This was placed upon a photographic plate, which had first been wrapped in black paper in order to proteet it from the light. After the the only ones then known to possess "It is the cl., old story," she sale this power, it seemed as though the

> ing the plates away, Becquerel for- live stock associations. were many long and difficult steps | characteristics; but the law that | ing eyes and listless steps, growto take before even our present in- like Degets like, must, be ing ever weaker, until they stumble complete knowledge of the subject taken in its broad sense, because and fall in little heaps of hide and complete knowledge of the subject it would not be possible to make im- bones, which even the coyotes, the accident was the beginning of the provement if it were not for the long series of experiments which tendency towards variation. Heredhave already led to the discovery of ity and the tendency towards variathe new element radium, and which tion can be turned to account in the bid fair to revolutionize some of improvement of plants equally as the most fundamental conceptions of | well as in the improvement of aniphysics and chemistry.-From "The mals, but unfortunately few farmers New Element Radium" by Ernest Merritt in the January Century.

RESTLESS AND CROSS.

When infants or young children are restless and cross or prevish it "My dear lady, what can it matter is a very certain sign that they are all the world knows of this? I not well. The mother may not wards reversion is overcome. assure you. Lady Rofle would not re- she can depend upon it the trouble tile yariety of grain be well suited deaths, but enough of whom will "Violet will allow me to escort ing finely. The Tablets have been ter natured, cleeps well and is growa great blessing to both baby and

Wagg-D'Auber says he would much rather paint a vivid street scene than a placid landscape. Wagg -Yes, I've noticed he's fond of painting the fown red.

THE GRIP AGAIN.

## Made Another Appearance.

Against the Trouble and its Perni- | ers. cious After Effects.

one satisfaction; he turned away to enable the system to resist the pedigreed seed may obtain one of cett, St. Eulalie, Que., who says: "I the member would be a guarantee left me a sufferer from headache, produced in accordance with the pains in the stomach and general rules. The purchaser would then Pills. When I began to take these pills I was very much run down and very weak, but they soon be-THE DISCOVERY OF RADIUM. gan to help me, and after using them a few weeks I was not only as well as ever, but gained in flesh Freezing and Starving Cattle-Suffer as well, I can hardly tell you how pleased I am with Dr. Williams' The investigations which resulted Pink Pills, for I was feeling very

### GRAIN GROWING.

The Improvement of Grain and with snow, with nothing to ent ex-

Commissioner's Branch, various lines by the Dominion De- to drink; by day wandering and meek saint. Great was his surprise to plate had stood in bright sunlight partment of Agriculture, and by come of the Provincial Departments of Agriculture in Canada with a view to encourage the use of highclass seed of the best varieties, but there is yet room for a considerable hunger, always parched with thirst,

seed grain. The object of forming associa- blinded, swollen and festering from tions of seed growers may not be the sun's glare on the snow. Imagperfectly clear to all. The idea may | ine that, and imagine yourself enbe new in Canada, but there are as- during one hour of it; multiply that sociations of seed growers in other | by twenty-four; multiply that by the countries, such as the Illinois Seed slow-moving nights and days from Then came the fortunate accident. are doing good work. The benefits long; then multiply that by forty Corn Growers' Association that are December to April, if life lasts so Felix did not think much about the After several plates had been prederived from associations of breede.s | million, and you have the statistics matter. He was not ashamed to pared for exposure to sunlight, a of live stock are pretty well under- of the brute suffering, in this one bow his handsome head, and join storm came up and the experiments stood. The advantages to be derived way for one year and every year in with all his heart in the beautiful had to be postponed for several days. Itom organized efforts on the part this unspeakable trade. Take all words of the service; but when it | When the work was resumed, the of seed growers are not dissimilar | the brute suffering in the City of was all over he hastened to meet plates had been lying in the dark to those which breeders of pure-was all over he hastened to meet plates had been lying in the dark to those which breeders of pure-New York for a year and it would Violet. She was standing with her room so long that they might easily bred live stock obtain through their rot offset that of the cattle on some It happened three days later that Chevenix was talking to them. He that it seemed hardly safe to use erations of an organization of seed

> make any attempt to systematically apply these principles to the improvement of plants. Through heredity and variation improved varieties of field its pain without its relief. crops tend to revert to the wild types from which they evolved; but when our best citizens, foremost in polithese improved sorts are provided ties, society, business and religion, with the environment best suited to warmly clad, eating three square

exists. Give the little one Baby's to the locality where it is to be survive to make a profit. These The last words, vulgar as was the Own Tablets, see how promptly it grown, too much faith has been p.n- respectable gentlemen bitterly respirit which dictated them, quite de- will be changed into a happy, smil- nel to the names of varieties without sent any attempt to interfere with termines Mrs. Haye. Evidently, if the ing. good natured child. The little due attention to the quality of the their business, even by the enforcecid not go with him, he would drive one will sleep soundly and naturally seed itself. It is not always recog-ment of law. In some States they She and the mother will also obtain her nized that there may be as much dif-have succeeded in preventing the enmuch needed rest. Here is the proof seed strains of seed actment of laws for the protection "Since you are so kind, we will ac- given by Mrs. John E. Ramsay, of the same variety of grain as there of dumb animals, on the avowed cept your offer," she said. "It will Port Hill, P. E. I. , who says; "My is between two distinct varieties. So ground that it would be bad for their certainly be very cleasant. I always baby was cross, restless, and did not lar as capacity of the seed to give a large y.eld of grain of good quality is concerned. It is therefore important to use seed of the best variety that has had kindly treatment and continued selection for several years. In the production of good paying in the London Mail: The Tablets are a prompt and cer- but the influence of the seed is great. expert opinion in your columns, may tain cure for such troubles as indi- Plumpness and freedom from impur- I state that I have never since gestion, sour stomach, colic, consti- lities is not sufficient proof that seed was 12 years old read at any length pation, diarrhoca, simple fevers and grain is capable of giving a good anywhere else. At sea, before the other minor allments. They always crop. Breeders of poultry do not pay mast, and even as an officer, readdo good and cannot possibly harm the much attention to the size of eggs for ing anywhere else is, if not an immost delicate child. You can get incubations; they want, first of all, possibility, a most difficult busithe Tablets from any medicine deal- to know something about the good ness on account of the light. er, or they will be sent by mail at qualities that the germ in the egg has "If reading in bed is a disease," 25 cents a box by writing to The inherited from the parems, and Mr. Bullen continues, "I have it very Dr. Williams' Medicine Co., Brock- not only from the parents, but badly, but to it I owe all I know. from the majority of the an- | As to its effect upon the eyes, I cestors. It is equally important will not dogmatize, I may be an exthat seed be taken from a crop in | ception, but at 17 years of age my which the individual plants have eyes are as keen as ever they were, had an opportunity to attain a and I read in bed every night. As maximum vigor and yield per plant, to danger-well, if a man is so mad and it is just as important to have as to go to bed with a candle on definite inform the about the his chest he would burn sooner or crops, and how to selection later, reading or not."

was carried on for several preceding years, as it is to nave a knowledge of the ancestors of breeding view of the limited supply and growing demand for high-class seel grain, an effort is being made by the Department of Agriculture at Ottawa to form an association that

According to the provisional rules Every winter influenza, or, as it is pure, true to variety, and that is more generally known, the grip had the benefit of a system of makes its appearance in Canada, careful growing and continued se-Every few years it spreads and as- lection for three consecutive years, "What does that girl mean by sumes alarming proportions. From is recognized as improved secu, A passionate embrace was Felix encouraging Sir Owen?" said the all appearances this is one of the The operations of members are mother. "Surely one lover ought years in which it will seize upon closely inspected, and records are walked home that night he felt that to be enough for her. Felix Lons- a great number of victims, for kept of the amount and pedigree every day new cases are reported. of the seed they produce. It is pro-"Perhaps he can not help him- As in scarlet and typhoid fever, the posed to issue a catalogue for genself, mamma," returned the philo- after effects of grip are often eral distribution each year, in sophical daughter, and in that she worse than the disease itself. The which names and addresses of memsufferer is left with a debilitated bers will be given, together with When Felix had helped Violet into system, short of breath upon the the kinds and varieties of seed prothe carriage, he bent over her to signtest exertion, subject to head- duced by them, the pedigrae of the ache and heart paipitation, affect- seed, the amount of seed for sale, "Darling, you would sooner have ed by every change in the weather, and the price per bashel. It is also and in a physical condition to in- proposed to supply members with vite the attack of more serious certificate forms, having printed diseases, such as pneumonia and thereon the rules with which mem-A timely suggestion as to how production of seed. Purchasers of inroads of the grip and its after these certificates with seed bought effects, is given by Mrs. Emma Dou- from a member; the signature of had an attack of the grip, which that the seed supplied had been registered. F. A. Clemmens, Publication Clerk.

#### CRUELTY TO ANIMALS.

ing and Pain on Texas Ranches. Mr. E. K. Whitehead, of Denver, superintendent of the Colorado State meeting of the American Humane Association, on "The Annual Star-

"There is no bracker stain on the

civilization of this nation than this Imagine in December a single animai already gaunt from cold, hunger and thirst; and of the three, the thirst is most terrible. Imagine this wretched creature wandering cept here and there, buried under the snow, a sparse tuft of scanty moss-Good work has been done along and weeks because there is nothing pawing in the snow, by night lying down in it, swept by pitiless winds and ice storms, always shivering with cold, always gnawed with increase in the average yield of com- | always searching for something to mon field crops by the use of better eat where there is nothing, always starng with dumb, hopeless eyes, single ranches in the West in one day. It is like the figures astronwas that he obtained better pic- recognized as pure-bred. In fixing time to see the ghastly corpses of tures than before. The exposure to standards of excellence for pedigreed starved cattle on the plains, and the sunlight, which had been regarded animals the principles which under- still more ghastly living ones. Poor, as essential to the success of the Le improvement are recognized, The fleshless shapes, which it seems the former experiments, had really had same principles that are applied in strong-clinging life cannot let go nothing at all to do with the mat- the improvement of varieties of farm of, their dull brains so sodden with ter. The essential thing was the crops. Hereday is the lever by which suffering they hardly know they presence of uranium; and the photo- improvements are made, and on suffer still, the very hair on their graphic effects were not due to X- which breeders of other plants or bodies bleached and colorless with rays, but to Becquerel rays. There characteristics by desirable famine, staggering about with starscavengers of the plains, despise and

will not touch. "On one single ranch in Texas, lact winter, five hundred thousand dollars' worth of cattle died. On many ranches half were lost; on some, three-quarters; on almost all, many; while all the rest went down to the very verge of death, and suffered all

"The owners of these animals are their growth, and a continued selec- meals a day, and sleeping in comtion of the nost desirable specimens fortable beds paid for by the sufferpractised, this natural tendency to- ings of these helpless beasts, deliberately put out where their owners

#### READING IN BED.

Frank T. Bullen, the novelist, says

ONTARIO ARCHIVES TORONTO