FOR FARM AND GARDEN.

AN EXPERIMENT WITH ORIT. You may suppose that because your

cure all the gravel they desire, and so they can-of round grave!-but as the run may have been searched over for of sharp material may be searce. To notice the avidity with which the hons will cat it. It is just as necessary to provide them with food,

TO MAKE CATTLE THRIVE Cattle can thrive only by full feel ing, and without thrift there can be no profit. If milk be the object short feeling is succeeded immetately by horses. loss of product and loss of power to produce. It is, therefore, short-sighted sance, two an abomination, three or policy to depend on the season of year, more, a calamity to the entire weighboror without thought, to suppose that head, cows with full stomselis must give full yield of malk without regard to quality of feel. Provident dairymen, careful of their own interests, brgin feeding grain early in autumn and had profit in it .- Farm, Field and Smelan.

In nearly every garden there are numerous vegetables left in the ground that could be easily stored for winter the garden as well as to the luxuries of the table, as no meal is worth; the much there is or may be in the garden upon the approach of winter that is the young animals. usually neglected-regetables that are The whip as an emblem of authority mall quantity of which are sufficient driver is inferior to the whep. for winter use. A few bests are desirmany good dishes - tensions timber, to those with whom you sympathized

THE DEBSEY CON AS A CHICKOGO CLEE The Jersey is considered pre-emineatly as a butter cow, with her most count of the large proportion of cream tributed than if put or earlier. contained in her milk. Tensumers of the milk from which it was more may send on of doors. According to the necessity for maintenance. immediately from the cows when the cal home choose makers movee ally cheese-making after it has been drawn from the cow the mere of butter fat the loghest channey in the world was faid to demoish iomcheese will contain. - N. F. World.

is an unthrifty cont and description. verized copperay and gentian given the hilly nature of the land. During the winter will be denoted. Severe early animals in their grain is a pretty sure course of construction it is to be preventive of most varieties of these troublesome pests. The proportions should be equal parts by weight of each, and the duse for a full grown animal a table-poonful which should be given once twice a week. Some of the heat breeders in Keatucky mix pulverized copper- the Mulde like a bridge, this part of as in the sait which is constantly within reach of their an male. It has a rest of bricks. better effect, Lowever, to move it with gentian. One of the simplest and most effective remedies for worms is supermolassess, after preparing the animal membered portions of their harangues ing and also the next night. Before Augean stades than to stick in all a of soda with a part of milk, and add a mon with the words, "Look at my half-pint of good mo as es made from cose, large quantities of which an the poor lady thus pointed out, but palmed off for molesses. Pour this down inly perceived that she were a new bonthe animal's throat from a hora or rub et. ber bottle if one can be obtailed. . Ind bought a new bonnet with the proglass buttle will arrive; but as there i coods." Then he went on to inveigh

injury to the patient from the breaking of the latter, it will be much safer to g a long distance to secure either of the others. The dose prescribed is for a hens have the run of a range, they pro- full-grown animal. The dose for a yearling should be only about one third, and that of a two year old one half, the quantity given to a full-grown animal. months, and perhaps years, the supply A & x-months old foal will require only about half that of the yearling. The test this, break up some glass, old directions if followed will produce a china, or other brittle material, and smart operation of the bawels, which will bring away most of the worms. After this has been accomplished give supply the hens with grit as it is to the copperss and gentian every night for one week, and there will be but little to fear from worm: for some time to some. - American Uniticator.

> EXEM AND GARDEN NOTES. Stow and careless drivers make lazy

Keep the seed corn in a dry, well ventilated place and keep it and all other seed where mice and rats cannot

It will be better to have a mes let of fodder near the barn when the first saying the traps are set, the feerels

early spring and summer is now end with the eages by the order, the degs and u.e. thereby adding to the profits of oring to run our again, but the chances I go for them." are against him.

The old idea that young cattle and name unless vegetables form a promi- colts must winter at straws are in sent part. It is astonialing to see how open fields, to make them tough, happly has gone, much to the confort of

difficult to obtain when wanted. There is the relations between driver and is always a plenty of carrots, an inches horse is by no means one ctimater, but pensable regetable for soups, and a when it becomes an authority itself the

Man is by nature sympathetic and able, and worly there are sufficient hence does not, cannot live for homself allowed to spoil in the ground to make alone. Is your life he pful or fourtful

plantations may be sufety deby I until the ground has frozen hard, when a profitable use in that direction, or as the covering material more easily dis-

quality of the milk from which it is more care to keep them fresh and against having rate. These that I prepared, as is further well indicated plump. Mix the nuts with fresh sand the commercial terms of command on kim boxes, which may be placed above honey nerves in the wind we so cheese, skim cheese, etc., according a to sum continuation or bound in the gate down you one fun."

equally so, and will grade recording to who planted 0; and every flower in a later k two rate out of the eage down to its richness or deficiency in groun, which he is grower, and every happy the bare. In an instant the latter Many persons are of the opinion, that being its personal source of prids and made for the task and except one of

the milk, that a portion of the fact, ing-strict except the ach good feeding be made the most frame afforms to matter will not flow out with the healt except of the year. No engage conducts give outlant, while the ferrors where there rendering the chose less ment is required to proce the truth at at the other call should off of his unrich. This has given rose to some the this posetion, for even slightest refer. Increase contacts cussion as to whether rich dense; make then show, that profit connected youly. The mure window was allel mode, and can be profitably made into choose throughout action of tool beyond the a pool of blind first was dropped in, of full speed stock a women and threw

is compliantically a butter cow how mick and the long tenthers of its wrongs in coughts of manner. Mr. It it tried up the was dead, but there was not a stich in cheese matter and can, with gour left hand, and use the hatchet again to conduct a glassy orders, and bruies anywhere on her body, yet the out the waste of its buttery matter, for with the region. When the heat is off a he full back the ferret was on him select of her shoes had been cut off as converted into covere as rise as Exc. hold firm the chicken made it has be

present injurious effects from them; there. The chimney will be 453 feet high, with an interior space of 16 feet, column rises to a longht of 129 feet. mounted by an elevator operate! by a portable engine. The expense of building the gigantic change will be about \$30,000 and it will cost nearly as much to bould the exhaust channel form the works to the company, a dotance of 3280 feet. It is carried across kept the channel being built of lead and the

Pulpit Jokes.

There have been many preaches carbonate of soda given in milk and whose pulpit jokes are the only rewith bran mashes. Feed staringly on Michel Menot, reproving the laties for hay and give a liberal bran much at being late at church, told them that it night. Repeat this the following morn would take less time to cleanse the feeding or watering the next morning woman's pins. The story is told of mix a tablespronful of super-carbonate. Rowland Hill that he once began a serwife there, with a chest of drawers on came syrup. Be sure that it is not gin | or head." The congregation stared at She has sold a chest of drawer always more or less danger of series | rgainst temple love of dress.

CATCHING RATS.

Banishing the Pests With the Help of Ferrets.

The Buildings Most Infested With the Rodents.

"How do you clear rate out of a house?' asked a reporter of Louis Bosale of Philadelphia, who calls him elf the "champion rat-catcher of the United

"First," said he, "I let my ferrets and my dogs, and sometimes a net like this all around (showing a long, looselywoven hammer like net. And then with a fluid having an unusual odor, but one which never fails to attract the rats. See, here it is," And he held a mail bottle under the reputer a nose. "What do you think it is!

"Smel's like peppermint," "Y's, and camphor and many other through. The secips for that fluid I got from an old. Liverpool rat-catcher, and no one but myself knows what ingodicuts there are in it. Well, as I was snow comes than to have it burned out and $\sigma \cdot v$, and I and my little dogs are man face; for the rate. Presently they The man who can in debt during the come, and, if they are not attracted in

"How long will it taket"

many things. I cought fity seven in two hours buy follows they were, too, every one of term but winter at Execute drag store: But that was quick work. While buildings are most infested with rat | Business houses, markets, restaurants and particularly much or under stones. newspaper offices. The reputter gave a jump. Les laughed.

The element many professional sateastless in the country. Some people or there are eight, but I think that's the many. There are two others, beadded myself, here in Parta hiphra, but

"What become of the rate that you satelian the rape of

with, some excluding the fe note and the strong galleres, noticely of contained in her milk. Consumers of these need not be to d that its excel- in a dry, cool place. Classimits require shorter, meaning affects, noticed of the first time of the contained of the second glaces. The keep nuts in good condition store page on A ricknow the law is against in a dry, cool place, the study of the second glaces, noticed of the second glaces. have to this care I'm going to give to wide,

have been whole milk, or skinned and Menry is not lest that is -part to worker and a the reporter war onrobbed of its cream. If the gain is beguining a home. Every tree planted such to you the charging of the outpoor in butter the choose must be out is a monument to the glory of him opened the analysis from within and cream which has once been separated satisfaction to it processes and bounder of them the other excepting temporarily, can never be so well runced again swith. There is no print in realing or keep. Running to the other and of the window

The est shook how off, and, having the smooth as if done by a cobbler, glish Stiffon: Professor Actol 1 was some stiff. Describered at down and advantage of right, and seeming to speaking of new, warm mack, a most let it keek itself to death. Texts thin, make a jump at the first. So it went on for a good forty wounds, and hence more of the graduate of st.

A) the dispersion of the graduate of st.

A) the dispersion of the graduate of st.

A) the dispersion of the state of the moment give him mixed milk beautht to a face of the state of the mixed mik brought to a factory once a great seed of a colorse to the entry the victors. At last the rat got such a day the case would be different. Poseti lightly carry the newton goest on far hold that it is med as though that for shove the surface of the ground so to refulfile wasn't worth much, when said denly is made a spring and, winding and last year the foundation for the his long body about the tat, proceeded

A Tree's Record of Its Life. suffer from worms. Units should be The base of the chimney is about 39 tree, for instance, he examined after it man is able to do note for the family frost will leave a layer of soft, decaying wood; and later frosts will be ining muie.

If a summer has been so dry as to of June and September, the annual ring for that year will be a double one, and sometimes burely distinguishable as one, but liable to be taken by a not very close observer, for two different years' growth.

At a late meeting of the Botanical society of Edinburgh, Sir Robert Christman gave the results of measurements of large trees of different species made annually on lines of girth marked. permanently with paint. In the very unfavorable season of 1873; the deficiency in summer temperature was nearly 10 degrees. In seven oak trees of different species the deficiency in annual increase in girth was 10 per cent. In cleven other deciduous trees it was 42 per cent., and in seventeen pines it was 20 per cent., different species of the sum: family giving very nearly similar results. - Per's Monthly.

Covier corpolates at probable that whales assistimes live 1000 years.

QUAINT AND CURIOUS.

The town of E kins, W. Va., had no existence last spring. It is now a thriving place.

Elizabeth Conkernous, who resides near Waverly, O , died the other slay. She was 45 years old and weighe : 700 nounds.

Q sills are said to have been first used for pens A. D. 553, although some authorities give the year 635 as the date of their intro Iu tion.

The largest ourang outang yet shot in the island of Burney stood four feet loose in the wal a. Tuen I set my trape and 10 inches high. The average is about four feet, six inches. Seventy thousan I "phonograp's dolls"

are being made at Soureborg, in the I'm there my cif. The trap are bailed German toy country, to contain Mi Elison's won lerful apparatus. In a revival meeting at Walla Walla,

Oregon, a man coule sed that he was a murderer and asked forgiveness. He refused to reveal the encuinstances.

Twelve hundred years ngs kerosene was known to the Japanese, but the method of r. fining it to as to be availshie for demestic are is but as dozen veirs old.

A New York city man proposes to revive the ancest sport of fileonry at his country seat in New Jers y, and has good to Europe to procure the birds and transcr. Frank Erb, of Cunningham, Mo.,

nincty years old, recently was a prize "That de only of course, on a good | at a shooting match, some of the best marksmen in the state being among

Nearly all the insects, crust-ceans, snails and the live go toto whater quaters, fregs and all the reptile kind his beingte by being theme were in the

A Japanes prepar reports a balds of turterfies which was we nessed by mone of the villagers. When the fight was finished the fields were covered by the bodies of the slain.

A Wisconsin man, whose wife and one daughter are already members of the legal firm of which he is the head, has two daughters proparing for the bur at the state university.

The lengest bridge in the weeld is some are a ded, and some are used in said to be at Language, China, exer an arm of the Conn Sea. It is as much as five pulse long, built entucly of stone, and has 199 and its, each reventy feet

> When a chargemen at Pannsburg, which continued the customery present from a groom, size found at container: only six ands. The monaster had been called out of helf to perform the core-

> In Sawance courty, Pin., recently, a minister of a certain denomination was minister of a different denomination, and all the members of the a averted minster's church changed their faith and followed their old shepherds

As express train in Alabama going The rat made a jump at the ferret, who live twenty for in the sur, landing her late Professor Arnold, while the Jersey When you kill a lowl hold its legs retreated, sumbling about in a there careful the right of way. When picked up she was dead, but there was not a a he full back the ferret was on him, seles of her shoes hed been out off as

A recent visitor to one of the Punparts cluden, jails was amuzed to find a remarkably large number of old men among the prisoners, almost one conviet in five having a gray bear L. jailer being asked for an explanation replied: "It is a common practice when a theft is be aght home to a man by the police for him to get an old or uncle to take the blame on binself, or he puts up a young brother to do so. Before the court they make It is not known to every our that a full and circumstantial confession, Horses and voits which are come the Mude, or ground which in 197 feet. tree keeps a record within its stem of. They are convict it and the real thickes pelled to get their living wholly up a above the work, so that its opening the character of such successive season, get off, and it is for the family beautif frost-hitten grass are very hable to will be 656 feet higher than the works, since it began its growth. If a peach that this should be so. A sturdy young looked after closely, as column; and on this at erer of the has been cut down, the sing of wood support by honest labor or thieving of death from this conservery righly ornamental pedecal, which is 29 formed in each year will show by its than an old man or a boy. The old year. One of the symptoms of worms feet high, and from which the round, amount whether the summer of that man has lost many of the instincts, and year was warm or day, or otherwise appetites which make liberty so dear to Another is the appearance of worms in The transportation of the materials has favorable or adverse, and by the con- the young man. He cannot be put to the faces. An excasional feed of pur been very deficult on secount of the dition of the wood the character of the any very hard labor, and will be well fed and well looked after while he is in pol. Ha boy confesses he will probably escape with a flogging. The condivated by a change of color, if noth viction of an old man or a boy will look quite as well in the police returns as that of an able bodied young man. So cause a total sest between the growth; long as they get their conviction the police don't trouble themselves very much about the matter."

Dangerous Breath.

The strange case of William Jackson, whose breath was inflammable, excited a great deal of interest in medical and cientific circles two years ago. At that time Mr. Jackson was a photographer in Fayetteville, N. Y. Mora recently he has been engaged in the same business in Meddlebury, V., One evening at 10 o'clock he lightest a lamp with a match. Then with a brea h of air be sought to "blow out the match." In cantly his breath took fire with a slight xples on. Jackson gasped with fright, and the hame of the conspict is a entered his mouth and bestered his tongue. His hips and face also ruffered, and his mustache, eyebrawa and the hair above his eyebrows were singest to a marked degree . J. cha n is stid living and the thirty years old -Ch-

The Author of "Nancy Lee."

The Author of "Nancy Lee."

There is a man living quietly in London who is one of the most successful writers of verse set to music that are in England to-day, yet he is not very widely known by name. It is Frederick E. Weatherly, and he is the author of "Nancy Lee," a song that has been sung in every quarter of the globe, and has brought to the author an amount of fame and money that makes him practically fudependent. The song was written at Oxford in an hour. Weatherly had made an appointment for a pupil whom he was coaching for the annual commercement. The pupil failed to keep his appointment, and while waiting for him the piece came sundenly to his mind, and it was written then and there. One of the strange things about the song was that it was in the heyday of its topularity about the time of the Princess Alice disaster. It was being sung on deek just before the vessel went down. That fact was printed in all the English newspapers, and the song suffered a temporary check in its 10 sularity, but thousands of copies of it are now sold, not only in Great Britain but through Australia. Canada, and in fact wherever the English language is spoken. Mr. Weatherly is the author of scores of other songs that are not so well known. He has been writing songs ever since he was an undergraduate, twenty-five years ago. Philatelphin Times.

Kept Meving.

It is better to be born lucky than

Kept Maving.

It is better to be born lucky than rich. Probably Mrs. Teepell, of Terailar street is of this opinion. She occupied a house on the site of the new City Hall, and of centre her home was expropriated when the ground for the building was selected. Having bought a house and lot as a future residence, she was presently pleased to hear that it would form part of the rite for the new drill shed. Her next venture was a house at Bereley street, and new this will be expropriated in order that the street may be widened. The fourth attempt to seeme a permanent resiattempt to source a permanent resi-dence may, in the course of a year or two find her an ob-tach in the way or some other city improvement. Toron

A PRETTY StockESTI S.
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